

Final Report – Pre Feasibility Study for Proposed Economic Zone at Jamalpur, Bangladesh

25 February 2021

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Bangladesh Economic Zones Authority





25 February 2021

To

Project Director
Support to Capacity Building
Bangladesh Economic Zones Authority

Sub: Pre-feasibility study of 12 Economic Zones in Bangladesh - Submission of Final Report for the proposed Economic Zone at Jamalpur

Dear Sir,

Greetings from PricewaterhouseCoopers Private Limited.

We are glad to submit the Final Report – Pre Feasibility study for the proposed Economic Zone at Jamalpur. Please find enclosed herewith the report for your kind reference.

We have captured the following details in this report -

- Executive summary on this report outlining key findings and recommendations
- Introduction to the project and location assessment of the proposed EZ with maps
- Benchmarking of the proposed EZ with respect internationally selected economic zones and similar developments – parametric comparison of the proposed EZ against its competing developments
- Industry assessment to suggest the best fit sectors for the proposed EZ
- Demand projection to forecast the industrial space uptake and estimate utility requirements
- Transport assessment elucidating the multimodal connectivity surrounding the proposed EZ
- Onsite and Offsite Infrastructure assessment, and Master Planning
- Environmental and Social Review
- Financial modelling and Economic modelling

We request you to kindly acknowledge the receipt of the same.

We assure you of our best service at all times.

Thank you.

Yours sincerely,

Manish R Sharma

Partner

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Disclaimer

The report has been prepared by PricewaterhouseCoopers Pvt Ltd (PwC) for Bangladesh Economic Zones Authority (BEZA). This is pursuant to the Scope of Work under the contract document “*Support to Capacity Building of Bangladesh Economic Zones Authority Project (under Private Sector Development Support Project)*” executed between PwC and BEZA. PricewaterhouseCoopers Pvt. Ltd. (PwC) has been appointed by BEZA to undertake pre-feasibility study for twelve selected economic zones in Bangladesh. PwC would be undertaking the commercial aspects of the scope of work with assistance from Infrastructure Investment Facilitation Company (IIFC) and the technical aspects have been subcontracted to Mahindra Consulting Engineers Ltd. (MACE). Any third party should obtain prior consent of PwC before copying or reproducing, in whole or in part, the contents of this report. PwC disclaims any responsibility for any loss or damage suffered by any third party by taking reliance of this report. Furthermore, PwC will not be bound to discuss, explain or reply to queries raised by any agency other than the intended recipients of this report. All information in the report is intellectual property of BEZA.

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Context of the Study

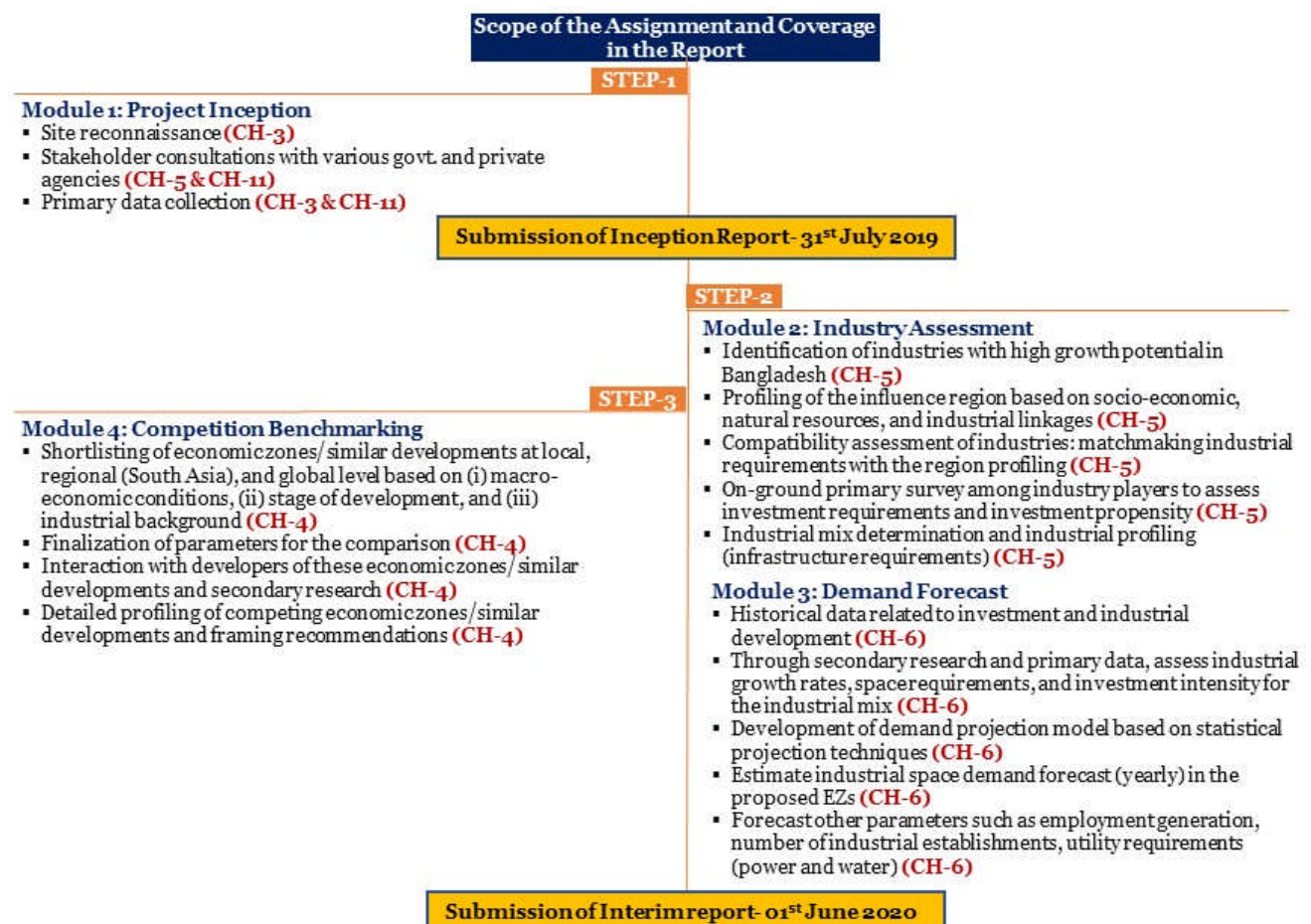
Bangladesh has recorded steady growth over the last decade with Gross Domestic Product (GDP) growth rate ranging over 6%.¹ The steady growth has been assisted by presence of strong labour force (58.3 million in 2011). However, this has also created a unique challenge to create productive employment for the future labour force (nearly 2 million a year) entering the market.

Government of Bangladesh provided planned industrial infrastructure through its Export Processing Zone (EPZ) program to create a conducive environment to attract private sector investment. EPZs assisted in attracting Foreign Direct Investment and generate potential jobs. Since 1993 EPZs have assisted in development of RMG sector in Bangladesh and have boosted exports to nearly US\$ 2.9 billion by FY 10 and generated significant employment. However, EPZs had its own shortcomings in terms of contribution to domestic economy and linkages and integration to domestic industries.

Govt. of Bangladesh planned the development of Economic Zones (EZ) to address this issue. The Economic Zones provide flexibility in terms of management and investment. The EZs would be less reliant on government subsidies and would be able to leverage private sector capability. The Economic Zone Act was passed in 2010 and Bangladesh Economic Zones Authority was established under the Prime Minister's Office (PMO) for development of Economic Zones across Bangladesh.

Bangladesh Economic Zones Authority with support from World Bank has implemented the Private Sector Development Support Project (PSDSP) to support development of economic zones under the new EZ model. This study is being undertaken as part of the PSDSP to carry out independent pre-feasibility study of 12 Economic Zones. The scope of work under the study for each Economic Zones along with chapters covering the scope have been mapped below.

Scope of the assignment and report coverage



¹ As per World Bank data (constant price GDP data)

Scope of the Assignment and Coverage in the Report

STEP-5

Module 5: Transport Assessment

- Through secondary research and primary stakeholder consultations (with various government nodal agencies like RHD, BLPA, CAAB etc.) assess the as-is scenario of multimodal connectivity (for road, rail, port, and airport) (CH-7)
- Assess the areas of improvement and government initiatives to improve logistics scenario in the region surrounding the proposed EZs (CH-7)
- Recommend micro-level transportation augmentation initiatives to foster seamless logistics (CH-7)
- Action Plan development: Assessment of cost, timelines of development, and jurisdictional responsibilities for each of these recommendations (CH-7)

STEP-7

Module 9: Financial Modelling

- Financial Model to be developed in sync with demand forecast (module-4), infrastructure assessment (module-6), & master planning (module-7) (CH-13)
- Identification of revenue sources (CH-13)
- Finalization of cost, revenue, and financing assumptions in discussion with BEZA (CH-13)
- Preparation of guide to operate the financial model (CH-13)
- Estimation of key ratios such as project IRR, equity IRR, Debt-Service Coverage Ratio (CH-13)
- Recommendations on Project structuring (CH-13)

Module 10: Economic Modelling

- Economic model to be developed in sync with the financial model (module-10) (CH-14)
- Identification of economic cost and economic benefits accruing from the project (CH-14)
- Estimation of economic IRR (CH-14)
- Preparation of guide to operate the economic model (CH-14)

STEP-4

Module 6: Infrastructure Assessment

- Analysis of existing utility networks in the surrounding region (CH-8)
- Study of contour map and site intrinsic attributes like Land use, seismic, physiographic, geological and others (CH-8)
- Identification of key constraints in the proposed EZs (CH-8)
- Assessment of off-site and on-site infrastructure requirements (CH-8)
- Block cost estimation for off-site and on-site infrastructure requirements (CH-8)

Module 7: Master Planning

- Formulation of planning regime and planning principles (CH-9)
- Development of best practice master planning (CH-9)
- Land use planning and zoning/layout (CH-9)
- Development of phasing plan (CH-9)
- Smart & Sustainable initiatives (CH-9)

STEP-6

Module 8: Environmental and Social Review

- Review of applicable Environmental and Social laws, regulations and policies applicable to the project, WB Safeguard Standards-Guidelines, BEZA's RSMF etc. and preparation of Checklist for Screening Exercise (CH-12 & CH-13)
- Site reconnaissance survey and stakeholder consultation (CH-11 & CH-12)
- Establishment of Environmental and Social Baseline Scenario (CH-11 & CH-12)
- Identification of key Environmental and Societal Risks and suggestion for preliminary mitigation (CH-11 & CH-12)
- Development of Environmental Management Plan (EMP) and Suggestion on requirement of Social Impact Assessment (SIA)/Resettlement Action Plan (RAP) (CH-11 & CH-12)

Submission of final report- 25th February 2021

Scope Limitations

- The study team has identified the source from where sand can be dredged for land filling. However, to identify the exact area from where sand has to be dredged would require detailed study and should be carried out as part of the master planning of the Economic Zone.
- The study team has identified the broad estimate for resettlement plan in line with scope of the assignment. The actual cost for resettlement plan due to offsite infrastructure should be carried out at masterplan stage when the offsite infrastructure alignment would be finalised.
- The Environmental Management Plan cost has been provided based on scope of the assignment. Detailed EMP cost study needs to be carried out as part of the masterplan study.

List of Abbreviations

Abbreviation	Full Form
AADT	Annual average daily traffic
AC	Air Conditioner
ADB	Asian Development Bank
AI	Artificial Intelligence
AIDS	Acquired immunodeficiency syndrome
APC	Automated Process Control
API	Active Pharmaceutical Ingredients
BAPA	Bangladesh Agro-Processors' Association
BBS	Bangladesh Bureau of Statistics
BCMEA	Bangladesh Ceramics Manufacturers and Exporters Association
BCR	Benefit Cost Ratio
BDI	Baltic Dry Index
BDT	Bangladeshi Taka
BEZA	Bangladesh Economic Zones Authority
BIDA	Bangladesh Investment Development Authority
BIWTA	Bangladesh Inland Water Transport Authority
BLPA	Bangladesh Land Port Authority
BOD	Biological Oxygen Demand
BOI	Board of Investment of Sri Lanka
BPDB	Bangladesh Power Development Board
BR	Bangladesh Railway
BSCIC	Bangladesh Small and Cottage Industries Corporation
BSIC	Bangladesh Standard Industrial Classification
BSMSN	Bangabandhu Sheikh Mujib Shilpa Nagar
BUA	Built Up Area
BWDB	Bangladesh Water Development Board
CAGR	Compound Annual Growth Rate
CBR	California Bearing Ratio
CETP	Central Effluent Treatment Plant
CFC	Chlorofluorocarbons
CGS	Cite Gate Stations
CKD	Completely Knocked Down
CMP	Current Market Price
COVID	Coronavirus Disease
CPA	Chittagong Port Authority
CPR	Common Property Resources
CUL	Compensation-under-law
DC	Deputy Commissioner
DDT	Dividend Distribution Tax
DIZ	Direct Impact Zone

Abbreviation	Full Form
DOE	Department of Environment
DPHE	Department of Public Health and Engineering
DSCR	Debt Service Coverage Ratio
ECA	Ecologically Critical Area
ECC	Environmental Compliance Certificate
EDS	Environmental Design Services
EIA	Economic Impact Assessment
EIAF	Economic Impact Analysis framework
EIRR	Economic Internal Rate of Return
ELSR	Elevated level service reservoir
EMP	Environmental Management Plan
EMU	Environment Management Unit
EPF	Employees Provident Fund
EPZ	Export Processing Zones
ESA	Equivalent Standard Axles
ESMF	Environment & Social Management Framework
ETP	Effluent Treatment Plant
EU	European Union
EXIM	Export & Import
EZ	Economic Zone
F&B	Food & Beverages
FAR	Floor Area Ratio
FCD	Flood Control Drainage
FCL	Full Container Load
FDI	Foreign Direct Investment
FGD	Focused Group Discussions
FMCG	Fast Moving Consumer Goods
FY	Financial Year
G2G	Government to Government
GDP	Gross Domestic Product
GNI	Gross National Income
GoB	Government of Bangladesh
GST	Goods and Services Tax
GTCL	Gas Transmission Company Limited
GVA	Gross Value Added
GVC	Gross Value Chain
HBR	Harvard Business Review
HDPE	High-Density Polyethylene
HS	Harmonized System
HSIA	Hazrat Shah Jalal International Airport
HYV	High Yielding Variety
IBP	Indo-Bangladesh Protocol

Abbreviation	Full Form
ICD	Inland Container Depot
ICT	Information and Communications Technology
IIFC	Infrastructure Investment Facilitation Company
IOT	Internet of Things
IRR	Internal Rate of Return
IT	Information Technology
ITC	International Trade Centre
ITES	Information Technology Enabled Services
IWT	Inland Water Transport
JICA	Japan International Cooperation Agency
KL	Kilo Liter
Km	Kilometer
KV	Kilovolt
KVA	Kilovolt-Ampere
LDC	Least Developed Country
LED	Light-Emitting Diode
LGED	Local Government Engineering Department
LNG	Liquefied Natural Gas
LPG	Liquefied Petroleum Gas
MACE	Mahindra Consulting Engineers Limited
MBR	Membrane Bio Reactor
MLD	Million Liters per Day
MNC	Multi-National Company
MoU	Memorandum of Understanding
MRSS	Main Receiving Sub-Station
MSME	Micro, Small and Medium Enterprises
MSW	Municipal Solid Waste
MT	Metric Ton
MTPA	Million Tonnes Per Annum
MVA	Mega Volt Ampere
MW	Megawatt
NGO	Non-Governmental Organisation
NIBT	Net Income before Tax
NPV	Net Present Value
OD	Origin Destination
OSHA	Occupational Safety and Health Administration
PAP	project affected persons
PBF	Pre-Built Factory
PCC	Plain Cement Concrete
PCU	Passenger Car Unit
PEC	Project Environment Cell
PEZA	Philippine Economic Zone Authority

Abbreviation	Full Form
PGCB	Power Grid Company of Bangladesh
PHP	Philippine Peso
PIRR	Project Internal Rate of Return
PIU	Project Implementation Unit
PIWTT	Protocol on Inland Water Transit and Trade
PMC	Project Monitoring Consultant
PPE	Personal Protective Equipment
PPP	Public Private Partnership
PSDSP	Private Sector Development Support Project
PVC	Polyvinyl Chloride
PwC	PricewaterhouseCoopers
QIIP	Quantum Index of Industrial Production
RAP	Resettlement Action Plan
RBC	Rotating biological contactors
RCC	Reinforced cement concrete
REB	Rural Electricity Board
RHD	Roads and Highways Department
RMG	Readymade Garments
RSMF	Resettlement and Social Management Framework
RV	Replacement Value
SASEC	South Asia Sub regional Economic Cooperation
SBR	Sequencing Batch Reactor
SCADA	Supervisory Control and Data Acquisition
SCM	Stakeholder Consultation Meeting
SERF	Shadow Exchange Rate Factor
SEZ	Special Economic Zone
SFB	Standard Factory Buildings
SIA	Social Impact Assessment
SLM	Straight Line Method
SME	Small and Medium-sized Enterprises
SMI	Survey of Manufacturing Industries
SPM	Suspended Particulate Matter
SPV	Special Purpose Vehicle
STP	Sewage Treatment Plant
SWM	Solid Waste Management
SWRF	Shadow Wage Rate Factor
TAR	Trans-Asian Railway
TEU	Twenty-foot Equivalent Unit
ToR	Terms of Reference
TPD	Tons Per Day
TV	Television
TVET	Technical and Vocational Education and Training

Abbreviation	Full Form
UASB	Up-flow Anaerobic Sludge Blanket
UK	United Kingdom
UN	United Nations
UNO	Upazila Nirbahi Officer
USA	United States of America
USD	United States Dollar
VAT	Value Added Tax
VFD	Variable Frequency Drive
VGF	Viability Gap Funding
VOC	Volatile Organic Compounds
VSEZ	Vishakhapatnam Special Economic Zone
WB	World Bank
WDV	Written Down Value
WHO	World Health Organization
YOY	Year on Year

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1. Executive Summary

Changing global dynamics depict the growth prospect in Bangladesh and how this country has been shaping up as an attractive investment destination. Country's specialisation in RMG sector is a success story for which Bangladesh has been able to effectively leverage on its demographic dividend. However, the country has been over dependent on this sector and is not being able to diversify its export basket. Moreover, with the advent of the global Corona virus (COVID-19) pandemic, which has adversely affected the Textiles & RMG due to its labour-intensive nature, Bangladesh should look towards diversification now even more than ever. In a prescience move GoB had already envisaged that organized industrialization in the country will be able to improve the country's competitiveness thereby attracting more investments from manufacturers globally and help in the diversification process. In lieu of this, the emergence of the EZ model, is expected to foster organized industrialization in the country, which in turn shall promote investment inflow and employment generation.

In tandem with this initiative, economic zone (EZ) regime ushered in, and BEZA was conceptualized. BEZA is the nodal agency mandated for economic zone development in the country. BEZA in support with World Bank is implementing PSDSP to upkeep pilot multi-product EZ projects under the new EZ regime.

As part of this endeavour, BEZA and the World Bank intend to undertake pre-feasibility studies of twelve economic zone locations spread across the country. This report captures location assessment, competitive benchmarking and demand assessment modules of the pre-feasibility assessment of economic zone location at Jamalpur, Jamalpur and Sherpur district.

Proposed EZ is spread over an area of approximately 402.66 acres (out of which 90.69 acres is private land) and is located in Jamalpur Sadar upazila, Jamalpur and Sherpur Sadar upazila, Sherpur district of Mymensingh division. Nearest highway connectivity for the proposed EZ is Joydebpur-Tangail-Jamalpur Road (N4) (~5 km) which is connected to the proposed EZ via Jamalpur-Sherpur-Bangaon Road (R460). The proposed EZ is entailed with a ~ 800 m long earthen road which provides the last mile approach to the proposed EZ, connecting the proposed EZ with the with Jamalpur-Sherpur-Bangaon Road (R460). R460 connects the proposed EZ with Mymensingh (~66 km) through Muktagacha-Jamalpur road (Z4101) and Tangail-Mymensingh highway (N401). N4 connects the proposed EZ with Dhaka (~167 km). It is further connected to four lane Dhaka-Chattogram highway (N1) which connects the proposed EZ with Comilla (~269 km) and Chattogram (~413 km). The nearest rail head is at Jamalpur which is at a distance of around 5 km from the proposed EZ. The nearest seaport at Mongla is at a distance of ~377 km from the proposed EZ. Chattogram seaport is at a distance of ~413 km from the proposed EZ. Narayanganj river port is located at a distance of ~206 km from the proposed EZ.

Presence of Brahmaputra river which is adjacent to the proposed EZ provides source of surface water. The groundwater depth in the region of the proposed EZ varies from 150-200 ft. The nearest power source is Sherpur sub-station (~5 km) with total capacity of 20 MVA and surplus capacity of 5 MVA. This can be relied as a source of power supply to meet the power requirements of the initial construction activities for proposed EZ. There are two gas stations at Jamalpur and Sherpur, both of which are at ~5 km distance from the proposed EZ. Utility requirements (power, water and gas) and the possible strategies to source the same would be assessed in the draft final report. BEZA may request relevant nodal agencies to extend the utility connection to the proposed EZ.

Basic social infrastructure (medical, residential, and academic) are available in this region to cater to the requirements of unskilled and semi-skilled manpower. Quality social infrastructure (medical, residential, and academic facilities suitable for expats, executives and skilled human resources) is available in Mymensingh and Dhaka. Provisions will be evaluated in the draft final report to include adequate social infrastructure facilities that could serve the needs of skilled personnel and expats working in the proposed EZ.

In order to incorporate the best prevalent practices in development of industrial infrastructure, it is imperative that the proposed zone is evaluated against similar developments in comparable neighbouring and global economies. In this regard, the competitive benchmarking exercise is taken into cognizance so that the developer becomes oblivious with the drivers of an EZ and assess the proposed zone vis a vis similar development taking place globally. The benchmarking exercise assesses various parameters such as commercial terms, infrastructure availability, labour cost, distance from trade gateways, etc. for similar developments across the globe. Once

completed, this analysis not only provides the relative competitiveness of the proposed economic zone vis a vis the other zones but also synthesises the key learnings from each of these zones. Since, this report captures only the location analysis, and the industry and demand assessment of the proposed economic zone apart from competition benchmarking, certain sections in the comparative analysis section are kept to be updated as we further proceed to the relevant modules (like master planning, infrastructure assessment, and financial modelling) on course during the pre-feasibility study.

In line with the identified features of the proposed EZ and its competitiveness, a framework of industry assessment has been formulated. The industry assessment framework is based on a stepwise approach to finalise the industrial sectors which are best fit for the proposed EZ. In summary, it emphasizes on the trade potential of each sector, their participation in the Global Value Chain and the priority sectors of the GoB to highlight an initial set of industrial sectors best suited for development in the country. In doing so, the impact of COVID-19 pandemic on these sectors has also been assessed to understand its underlining effect on the demand side. Our assessment depicted that Textiles & RMG, Leather, Chemicals etc. would be amongst the most adversely affected sectors due to ongoing lockdown protocols whereas certain sectors such as Food & Beverages, Agro-based products could be immune against the impact of the pandemic.

Through amalgamation of the national industrial landscape with the regional landscape and site intrinsic features, suitability of various industrial sectors to the proposed EZ has been assessed with additional validation of this desk-based study through primary survey's amongst domestic and foreign investors. Basis this hypothesis, the following industrial sectors emerged out as the potential industrial mix for the proposed EZ:

Primary set of industries:

- Food & Beverages
- Agro-based Industries
- Leather and Leather products
- Electrical and Electronics

Secondary set of industries:

- Pharmaceuticals
- Chemicals

Desk based study in synthesis with primary survey indicates that the economy of Jamalpur district and the surrounding region is predominantly dependent on the agriculture which provides the impetus for Agro-based and Food & Beverages sector in the proposed EZ. Proximity to Mymensingh could also be leveraged towards setting up of industrial units related to pharmaceuticals and chemicals in the proposed EZ owing to the adverse effect of these sectors in the urban landscape of the capital city, Dhaka. Voice on ground also captured that the investors require certain pre-requisites in order to relocate to the proposed economic zone in terms of availability of cheap source of labor, proximity to the source of raw materials, access to CETP/STP, uninterrupted power supply for continual industrial production, warehousing facilities, subsidized land tariffs etc. among others. They also pointed out certain challenges such as high duty on customs, complicated clearance processes, shortage of power, high utility tariffs, social security as some of the issues acting as hindrances to investment.

Based on the above-mentioned industrial mix, land demand forecasting in light of statistical projection techniques have been undertaken. Three scenarios have been considered viz. aggressive, base, and conservative. Assumptions related to industrial growth rates and investment inflow to the proposed EZ have been varied as per the three scenarios. It has been assumed that in aggressive (conservative) case, higher (lower) infrastructure induced growth rate and higher (lower) investment inflow taking place to the proposed EZ. Base case considers the current scenario backed up by evidences and present trends. Similarly, the industrial growth rates assumed have been varied in order to factor in the impact of COVID-19 on their future growth.

Demand projection outlines that in conservative case, complete industrial space uptake would take place in 12 years. For base and aggressive cases, the same would be spread over 11 years and 10 years respectively. Corresponding to this land demand, the ultimate power and water demand for the proposed economic zone is 47 MVA and 9.20 MLD respectively. The project would generate direct employment in the concerned area in the range of 17,297 (approximately; for Base case).

Based on the above stated assumptions, industrial space occupancy for the three scenarios are captured in the following table.

Table 1: Industrial space occupancy (in %) for the three scenarios (cumulative)

Scenarios	2027	2028	2029	2030	2031	2032
Conservative	6%	10%	14%	20%	25%	32%
Base	7%	12%	18%	25%	32%	40%
Aggressive	9%	15%	22%	31%	39%	49%

Source: Statistical projection technique; Demand Forecasting

Table 2: Industrial space occupancy (in %) for the three scenarios (cumulative)

Scenarios	2033	2034	2035	2036	2037	2038 Onwards
Conservative	39%	46%	53%	67%	93%	100%
Base	50%	58%	67%	84%	100%	100%
Aggressive	61%	71%	83%	100%	100%	100%

Source: Statistical projection technique; Demand Forecasting

Master Plan, Off-site Infrastructure plan, and On-site infrastructure plan have been prepared for the EZ site in line with the industries proposed to be established within the proposed EZ, statistical demand forecasting, and prevalent best industry practices. Off-site infrastructure takes into consideration providing the external basic infrastructure facilities (such as site filling, power supply, water supply, and access road) to the doorstep of the proposed EZ. Development of off-site infrastructure is the responsibility of BEZA. On-site infrastructure considers internal infrastructure components (such as internal road network, power substation, water conveyance system, sewage and effluent treatment facilities and other support amenities etc.). Development of on-site infrastructure is the responsibility of the private developer (in case BEZA opts for the PPP route).

There are totally 256 plots within EZ out of which 254 plots are earmarked for industrial usage, 1 plot for utilities and remaining 1 plot has been earmarked for public & support amenities.

The project is planned to be developed over 2 phases. It is proposed to develop 241 acres of land in phase I and 162 acres of land in phase II.

The proposed Master Plan has segregated the proposed EZ into Industrial Zone, Zone specific infrastructure area, Public and support amenities, utilities and roads, green spaces and water channels.

For master planning purpose, entire processing area has been considered as a single industrial zone having varied plot sizes. However, this zoning plan is indicative in nature and may vary based on on-ground implementation of the project. The developer may undertake a separate industry assessment and master planning exercise in order to validate the same.

Further to develop the best practice Master Plan, Infrastructure plan has been developed for the proposed EZ in Jamalpur including the following –

Site filling – Based on the study of contour, it is found that the site needs to be filled for a depth of about 3 m (10 feet) on an average and the total estimated site filling quantity is about 4888521 cum. Dredged sand from

River Brahmaputra is suggested as a source for site filling. However, detailed hydrostatic study has to be carried out for identifying the suitable point of dredging and necessary permission has to be obtained from Bangladesh Inland Water Transport Authority (BIWTA) authorities for dredging of sand from the river for site filling.

Road – The total length of the road planned within the proposed EZ is ~10.73 km. This comprises 4-lane and 2-lane road network. Internal road network provides access to the industrial plots apart from providing access to areas having support amenities.

Power – Based on the assessment, it is found that the power demand for the proposed EZ would be about 47 mVA. During the initial phase of development, the 33/11 kV main receiving sub-station (MRSS) shall be established within the site and as suggested by the officials, power to this sub-station shall be availed by establishing 33 kV overhead transmission line from the 132/33 kV Jamalpur grid sub-station of 232 mVA capacity located at an aerial distance of 2 km from the site (based on proposed tentative alignment). Based on the demand growth of EZ, the proposed 33/11 kV MRSS within EZ site shall be upgraded to 132/33 kV sub-station and incoming 132 kV overhead transmission line shall be established from 132/33 kV Jamalpur grid sub-station of 232 mVA capacity located at an aerial distance of 2 km from the site (based on proposed tentative alignment).

Water – Based on the assessment, it is found that the total potable water demand for the proposed EZ would be about 5 MLD. This figure is indicative in nature and may vary based on on-ground implementation of the project. The developer may undertake a separate industry assessment and master planning exercise in order to validate this figure.

Based on the discussion had with officials and local, it is understood that the groundwater in the region is at a depth of 30-100 feet and is potable in nature. Hence, groundwater can be relied to meet the water demand of proposed EZ.

River Brahmaputra is flowing near the proposed site on the Southern side. Based on the discussion had with UNO officials, it is understood that this river is perennial in nature and shall be relied to meet the water demand of the proposed EZ. It is proposed to provide suitable water intake system near the river basin and detailed study & hydrogeological investigations need to be carried out to determine the exact intake point and intake system. Hence, it is suggested that suitable intake system and intake point shall be proposed during detailed engineering stage.

Sewer System – Total sewage estimation of proposed EZ site is ~623.38 cum/day. Sewage Treatment Plant is proposed within the proposed EZ to treat the sewage water.

Solid Waste Management – The estimated total solid waste quantity for the proposed EZ is about 4 TPD.

Master plan and proposed infrastructure interventions in the proposed EZ necessitate the need for a social and environmental review to assess the impact arising from the development initiatives.

The proposed EZ at Jamalpur Sadar upazila and Sherpur Sadar upazila in Jamalpur and Sherpur district in will require about 402.66 acres of khas/government land and private lands. Based on site visits and stakeholder consultations with the land office as well as the residing communities, it can be surmised that the parcel of land comprises of approximately above 143 residential households who have been residents of the area for period ranging between 5-20 years. These households are Titleholders and non-titleholders who have settled here over a period of time (87 of the 143 homesteads belong to titleholders). These households are also dependent upon the parcel of land for their economic means, mainly in the form of agricultural farming. The residential households (Title/non-titleholders) will face involuntary displacement both physical and economical.

Environmental Review formulates Environment Management Plan (EMP) to mitigate adverse impact on the environment due to development of EZ. This EMP envisages precautions needed to be taken by the developer during pre-construction, construction and operation phases along with regular monitoring of environmental impacts. Fixed cost of implementing the EMP has been estimated to be BDT ~52.56 million.

Basis the master planning and environmental management plan, the cost estimate of developing the EZ site is expected to be around BDT 9,713million (without SFB). This is the total hard cost for development of

infrastructure (off-site, on-site and EMP) in the proposed EZ. Estimated project cost is tentative in nature and may vary during on-ground implementation.

Taking into consideration the cost of developing the EZ and expected revenue that would be generated from the proposed EZ a financial model has been developed in order to assess the feasibility of developing this EZ. In order to do so, two cases were analyzed, Case 1 where BEZA plays the role of developer of the project and Case 2 where BEZA assigns a PPP developer to develop the project.

BEZA can develop the project as developer of the project with assistance from nodal agencies and multilaterals. The proposed EZ at Jamalpur could lead to economic and industrial development of northernmost Bangladesh, which remains industrially uninitiated. It could also propel Bangladesh's potential to tap into the EXIM opportunities with India, Nepal and Bhutan through the region. Thus, BEZA could consider this project more from a strategic perspective and act as a developer of the project with assistance from GoB or respective nodal authorities/multilaterals.

When a conventional approach of PPP structuring is followed where the PPP developer is selected based on certain bid parameters (through competitive bidding process) and it has to incur certain pay-outs to BEZA, the project is financially not attractive. Although the project financials improve to a certain extent when BEZA extends certain fiscal assistance in form of (i) waiver on the pay-outs, (ii) any nature of grant through VGF/annuity but they still remain unappealing from private developer's perspective.

On the contrary, the project financials in case of a PPP developer developing the project, indicates that the project returns are not attractive (~6.52 %) when BEZA adopts the unconventional approach. On the other hand, in case of pay-outs being charged by BEZA in the form of upfront payment, annual land lease and revenue share, the project returns for the PPP developer further deteriorates to ~5.79 %, which is unattractive for a private investor.

In addition to the financial modelling, an economic modelling exercise has also been undertaken to evaluate the economic benefits accrued from this project. Economic analysis is essential to develop a rationale for Government of Bangladesh to support the development of the proposed EZ and illustrates the measure of the accrued economic benefits. A good EIRR would also assist the private developer in making a good case to be able to avail concessional loans and financial support.

The economic impact analysis infers that apart from natural capital, the project has progressively sustainable impact on the different capital of the micro market. It can be concluded that the envisaged EZ is sustainable and will help in uplifting the economic condition of the population in the area or residing in the project impact region.

In order to quantify this impact on the macro economic landscape of the country, Economic Internal Rate of Return (EIRR) is calculated. Three scenarios have been considered for the purpose of EIRR calculation viz. conservative, base, and aggressive. Details of these scenarios are outlined in the demand forecasting exercise. Base case Economic Internal Rate of Return (EIRR) has been calculated as 13.72%, which indicates that the project would provide moderate returns.

Based on the area, location attributes, stage of development, macroeconomic parameters, and subscription tariffs a bench-marking exercise has been undertaken with the intention of assessing the competitiveness of the proposed economic zone vis-a-vis other similar developments in the region or emerging economies.

The benchmarking exercise has assessed various parameters such as commercial terms, infrastructure availability, labour cost, distance from trade gateways, etc. for similar developments. This analysis not only provides the relative competitiveness of the proposed economic zone but also synthesises the key learnings from each of these zones. For the purpose of benchmarking of the proposed EZ with other competitors at the same development stage, a total of 6 economic zones/ industrial parks have been shortlisted at local, regional, and global levels. These 6 economic zones/ industrial parks are spread across countries such as India, Sri Lanka, Philippines and Laos.

Benchmarking exercise highlights the fact that the proposed EZ at Jamalpur is competitive with respect to the benchmarked zones in terms of land lease rental, power tariff, and labour cost. Moreover, provision of facilities such as Water Treatment Plant and Sewage Treatment Plant within the stipulated area of the proposed zone also keeps it at par with the competing zones as most of these zones entail such facilities. Incentives offered by the

GoB for investors in Bangladesh are also competitive as compared to most of the competing zones which may again prove to be advantageous for the proposed EZ. On the other hand, higher land lease premiums and utility tariff as compared to the competing zones may act as a catalyst in augmenting the project profitability as some of the benchmarked zones show such trend compared to the proposed EZ. Moreover, presence of ready-made social infrastructure in proximity to EZ could act as a catalyst to attract skilled human resources especially the expatriates. However, as stated in the Master Planning section, a land parcel has been earmarked for developing support amenities which can be used to establish vocational training centre, retail outlets and creche facility within the proposed EZ.

The demand assessment reveals that the demand for industrial land in the catchment will reach the level to support the development of EZ by FY'27 only. From the financial analysis it has been observed that the project is financially feasible only when both offsite and onsite infrastructure is developed with assistance from the respective nodal agencies. Economic return from the project is also low compared with other proposed developments. The BEZA should place the proposed EZ at Jamalpur under medium priority¹ considering the low demand in the region and low financial return.

¹ Basis the demand assessment, site which can commence operation in between FY26-FY27 are defined as medium priority site for BEZA

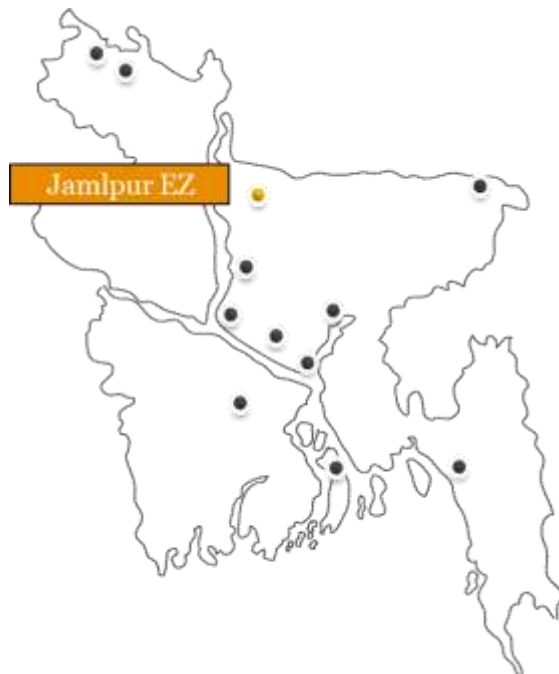
2. Introduction

Bangladesh has been depicting sound growth with Gross Domestic Product (GDP) growth rate ranging over 6% in the last decade.² The country is taking rapid strides towards shaping up as a “developed economy” by 2041. Manufacturing sector outlook of Bangladesh is “factor driven” at present and the country specializes in production of basic products which are traditional and manpower oriented. The country aims to become efficiency driven economy in the future by focusing on efficient process and technology enablement to produce specialized products and to obviate the import dependency. Recent COVID-19 outbreak would have significant influence on this growth trajectory and in turn would cause slow-down in the short term.

So far, the growth trajectory of the country has been highly dependent on Ready Made Garments (RMG) and the export basket is not diversified. Govt. of Bangladesh (GoB) has realized that in order to shape up as developed economy, it is highly crucial to promote organized industrialization through diversification of manufacturing output. Economic Zone (EZ) development in the country is poised to promote inclusion of local supply chain, broadening the product portfolio, and increase export basket. This in turn shall enable a deeper rooted and inclusive growth for the economy in general.

Bangladesh Economic Zones Authority (BEZA) is the nodal agency and regulator of EZ development in the country. BEZA has embarked in an ambitious journey of proliferation of EZs within the country. To support the commitment of the government to develop EZs in Bangladesh, BEZA intends to undertake 12 independent pre-feasibility studies for setting up 12 Economic Zones in various locations.

Figure 1: Locations of the 12 Economic Zones



Name of EZ	Area (acres)
Araihazar	413.00
Bhola	304.07
Chandpur	3037.85
Gopalganj	201.00
Jamalpur	402.66
Manikgonj	320.00
Nawabganj	874.0
Nilfamari	357.76
Panchagarh	580.00
Sitakundo	2369.00
Sylhet	255.83
Tangail	1761.85

Source: Contract agreement executed between PwC and BEZA dated 26th June 2019

This report captures pre-feasibility assessment of proposed EZ at Jamalpur.

As per the requirements of the terms of reference (ToR), details pertaining to team of consulting experts, project timelines (including list of deliverables), and broad outline of this engagement are furnished in the annexure.

² As per World Bank data (constant price GDP data)

3. Description of Site Location

Taking cues from similar EZs across the globe and basis opinions of various manufacturing sector players, it is imperative that a strategic EZ location should possess the following attributes-

- Good access to transport network to ensure smooth movement of input and finished goods
- Access to utilities (like Power, Water, and Natural Gas) to ensure continuous production activity
- Proximity to urban hubs ascertaining prevalence of social infrastructure

This chapter aims at assessing the key features of the proposed EZ to evaluate its adequacy to shape up as a prospective EZ location based on the above-mentioned aspects. This analysis is based on the information obtained through initial site reconnaissance and stakeholder consultation with various government departments.

3.1. Location of the Proposed EZ

Proposed EZ is located in Jamalpur Sadar upazila of Jamalpur and Sherpur Sadar upazila of Sherpur district in Mymensingh division. Regional landscape of Jamalpur district indicates that the economy is primarily dependent on agriculture and aquaculture.

There are three industrial/ urban clusters (Mymensingh, Tangail and Sirajganj) located within a radius of 100 km from the proposed EZ. These nodes can act as the immediate markets for the proposed EZ and may facilitate in establishing industrial linkages.

Figure 2: Location of the Proposed EZ and the Industrial/ Urban clusters

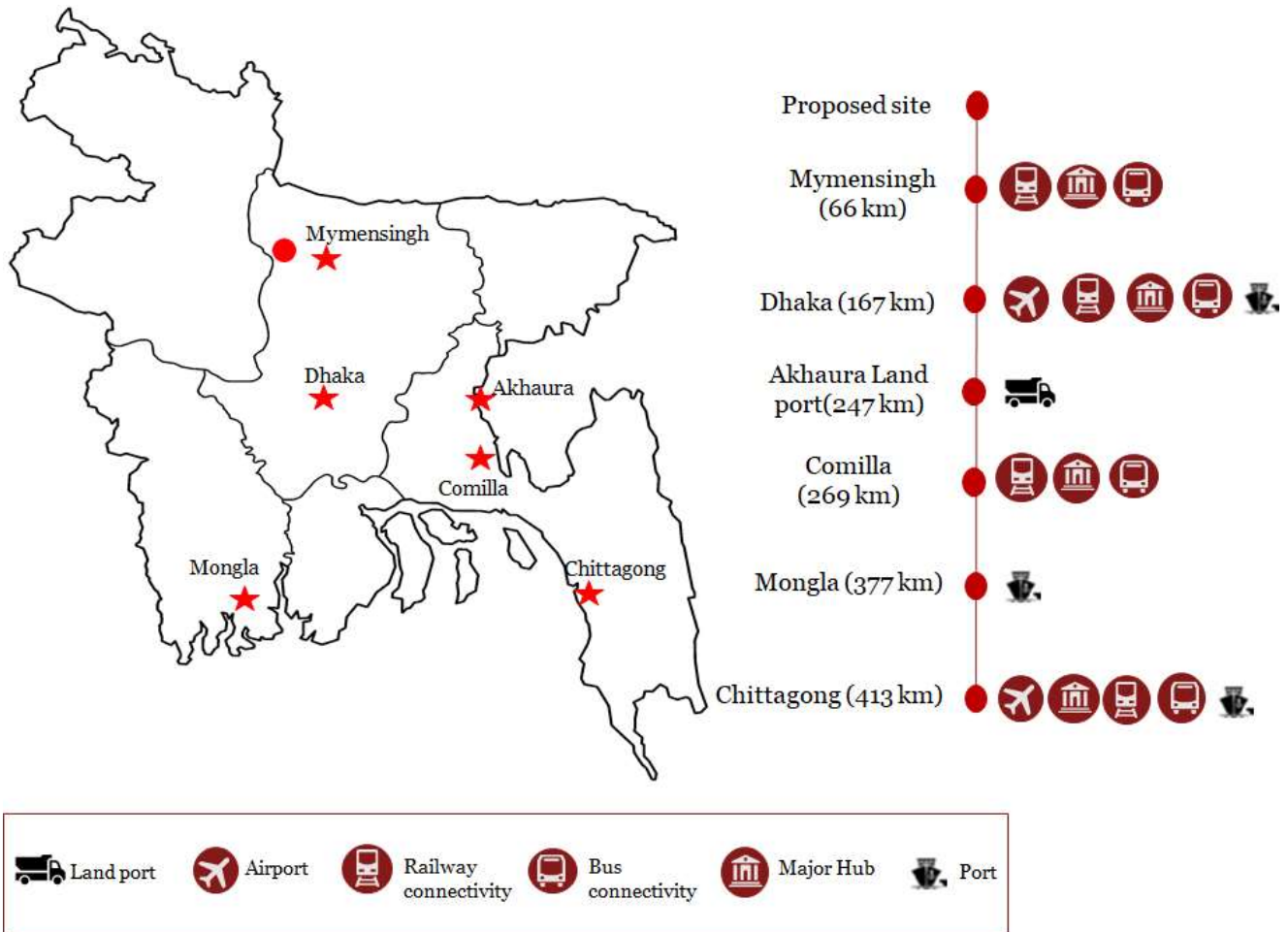


Source: Google Map and PwC Research

Jute is grown in abundance in Jamalpur and the neighboring districts of Mymensingh division. These districts collectively contribute to ~7% of total jute production in Bangladesh. The region has limited presence of industries and most of them are majorly based on agricultural resources as an inputs such as rice mills, cottage industries, jute mills, saw mills, oil mills etc. Thus, development of food processing and agro based industries is a possibility for the proposed EZ considering the agricultural resources available in the region. Moreover, proximity to Mymensingh also gives the proposed EZ access to consumer markets. The same would be delved deeper into the industry assessment chapter.

Following figure captures the distance of the proposed EZ from various urban/ industrial nodes and EXIM gateways of the country.

Figure 3: Urban/ industrial nodes and EXIM gateways with respect to the proposed EZ



Source: Google Map and PwC Research

3.2. Context of the Region Surrounding Proposed EZ

The economy of Jamalpur district is predominantly agricultural. The main crops produced in this district are wheat, vegetables, spices, pulses, oilseeds, maize etc. Various fruits like banana, jackfruits, guava, coconut, etc. are grown in this district. The town's main exports are jute, tobacco, mustard seed, peanut, leather, egg, pulse, betel leaf and handicrafts. The economy of Sherpur is also mainly agrarian in nature, although non-farm economic activities have a substantial share in the development of the district. The main crops produced in the district are paddy wheat, jute, mustard, potato, pulses, different kinds of vegetables, tobacco and others. Various fruits like banana, mango, black berry, coconut, betel nut, date, jackfruit, palm, papaya etc. are grown in this district.

Significant industrial development is yet to take place in the districts of Jamalpur and Sherpur. The industries in the region are directly linked to primary sector which are dependent on agricultural resources as inputs such as rice mills, cottage industries, jute mills, bamboo and cane industries, wooden furniture, saw mills, oil mills etc.

Details of the regional profiling including assessment of the local sourcing of input materials (thus the possibility of forward and backward linkages) have been captured in the industry assessment chapter.

3.3. Location Reconfirmation

Post site visit, based on primary data collected, site location and demarcation details have been reconfirmed.

Table 3: Location reconfirmation for the proposed EZ

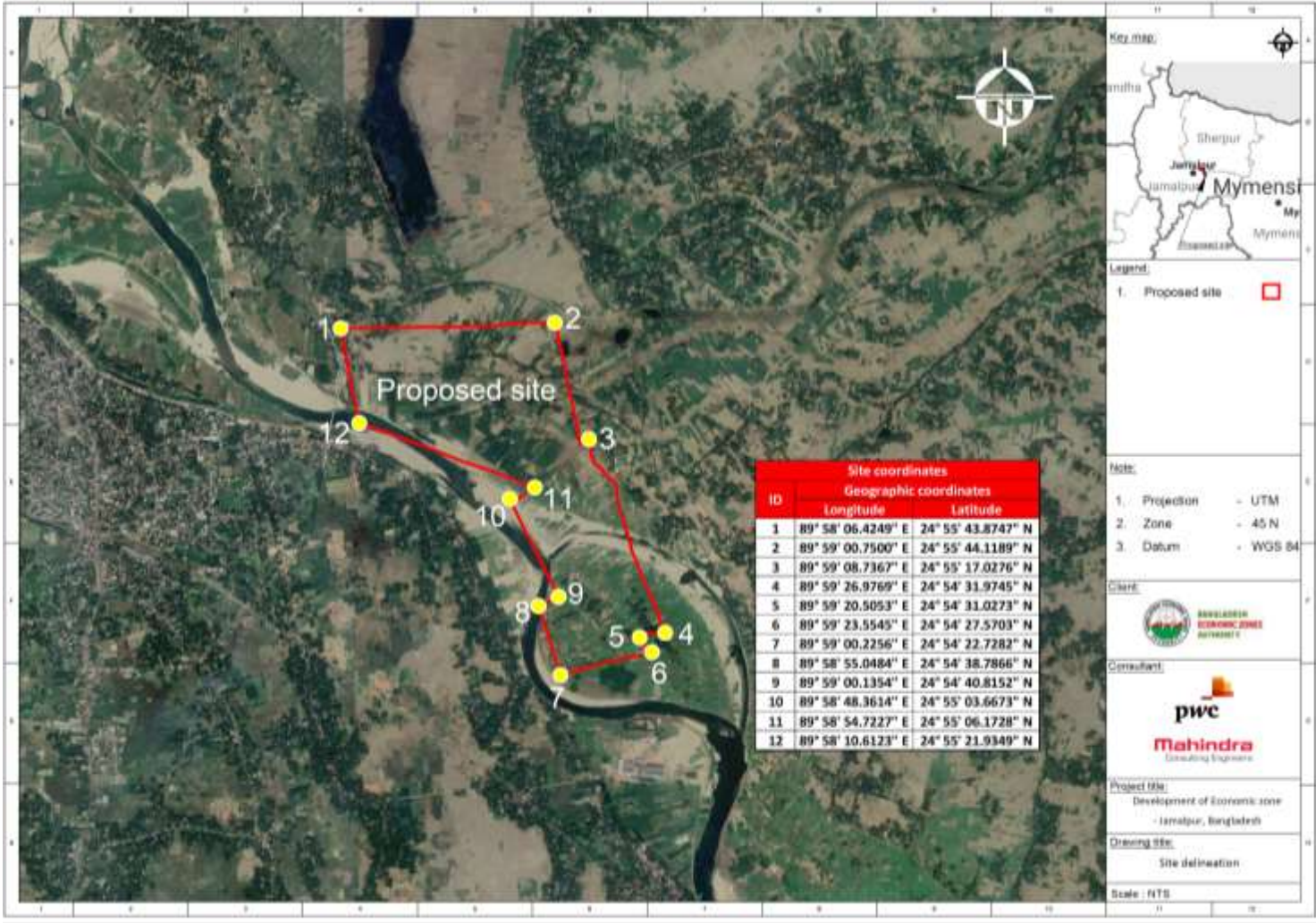
Parameters	Details
Site co-ordinates	24°55'11.39"N 89°59'0.11"E
Site boundaries on East	Agricultural land, Brahmaputra river and settlements
Site boundaries on West	Brahmaputra river and Regional Highway (R460-Jamalpur Sherpur highway)
Site boundaries on North	Agricultural lands and settlements
Site boundaries on South	Agricultural land, Brahmaputra river and few settlements
Total area of the site	402.66 acres
Privately owned land	64.94 acres
Government Land/ Khas land	197.72 acres
Current land use pattern	~50% of the area is used for agriculture (mostly single and double cropping; the possibility of double crop is dependent on flood situation) and the remaining area consists of low-lying Char land with settlements
Resettlement within the site	Few sporadic settlements are located within the proposed EZ site and along the Lokkhir Char Road which also falls within the proposed EZ boundary; Suitable mitigation strategy for resettlement and rehabilitation is proposed in the social review section of this report.
Nearest administrative node/ town	Jamalpur Sadar
Expansion potential	<ul style="list-style-type: none"> East: May be possible due to the presence of agricultural land (mostly single cropping) West: May not be possible due to presence of Brahmaputra river and Regional Highway North: May be possible as agricultural land (mostly single cropping) South: Minimal possibility as Brahmaputra river is present <p>Hence the expansion potential is more towards the north followed by the eastside as there is agricultural land present. However, expansion is subjected to land survey, and rehabilitation & resettlement study.</p>
Site surrounding features	<ul style="list-style-type: none"> The proposed EZ is adjacent to Brahmaputra river Jamalpur railway station (~5 km)

Parameters	Details
	<ul style="list-style-type: none"> <li data-bbox="651 230 997 264">• BSCIC Jamalpur (~6 km) <li data-bbox="651 286 1444 353">• Some of the major districts in the region are rice mills, jute mills, cottage industries and bamboo and cane industries etc.

Source: Information obtained from Site visit and MACE Analysis

Following figure elucidates the site boundary of the proposed EZ.

Figure 4: Site boundary of the proposed EZ








Source: Information obtained from Site visit and MACE Analysis

3.4. Access to Transport Network

For any location to shape up as a potential EZ, access to multimodal connectivity is an important feature. In this report, a holistic review of the transport network has been undertaken; details of the same are captured in the transport assessment section of this report. Following table captures the details of various modes of transport with respect to the proposed EZ.

Table 4: Assessment of transport infrastructure

	Highway connectivity	<ul style="list-style-type: none"> • Nearest highway connectivity for the proposed EZ is Joydebpur-Tangail-Jamalpur Road (N4) (~5 km). It is connected to the proposed EZ via Jamalpur-Sherpur-Bangaon Road (R460). • R460 connects the proposed EZ with Mymensingh (~66 km) through Muktagacha-Jamalpur road (Z4101) and Tangail-Mymensingh highway (N401). • N4 connects the proposed EZ with Dhaka (~167 km). It is further connected to four lane Dhaka-Chatto gram highway (N1) which connects the proposed EZ with Comilla (~269 km) and Chatto gram (~413 km).
	Last mile connectivity with nearest highway	<ul style="list-style-type: none"> • At present, a ~ 800 m long earthen road connects the proposed EZ with Jamalpur-Sherpur-Bangaon Road (R460) which provides the last mile approach to the proposed EZ. • Adequacy of this approach road to cater to the increased traffic movement and the possibility of widening (once this EZ is operational) is evaluated in the transport assessment section.
	Rail connectivity	<ul style="list-style-type: none"> • Jamalpur railway station (~5 km) is the nearest rail head with cargo handling facility. It can be accessed via R460. • Mymensingh railway station is located at a distance of ~60 km from the proposed EZ. It can be accessed via Muktagacha -Jamalpur road (Z4101) and Tangail-Mymensingh highway (N401).
	Air connectivity	<ul style="list-style-type: none"> • Hazrat Shah Jalal International Airport (~167 km) in Dhaka is the nearest airport to the proposed EZ. This airport can be accessed via N4.
	Sea Port and IWT connectivity	<ul style="list-style-type: none"> • Proposed EZ is located adjacent to the Brahmaputra river. As per BIWTA, this river channel is not navigable due to low draft conditions. • Nearest river port is Baghabari river port (~135 km) and is accessible via N4, Dhaka-Elenga Highway (N405) and Dhaka-Banglabandha Highway (N5). • Narayanganj river port (~206 km) is accessible via Dhaka-Mymensingh highway (N3). This port is a port of call for the Protocol on Inland Water Transit and Trade (PIWTT) between India and Bangladesh which facilitates movement of passenger and cargo between the two countries. • Mongla Sea port is the nearest port which is located approximately 377 km from the proposed EZ. It can be accessed via N3, Dhaka-Paturia highway (N5) and further through Gopalganj-Khulna highway (N805)

and Khulna-Mongla highway (N7). Chattogram Sea Port is at a distance of 413 km. It can be accessed via N3, N105 and further onto N1.



Land Port Connectivity

- Akhaura land port (approx. 247 km) is the closest land port from the proposed EZ. It is connected via Sherpur-Jhenaigati Road (R460), Mymensingh-Bhairab Road (R360) and further through N2 and Comilla-Sylhet Highway (N102).
- The proposed Dhanua Kamalapur land port is located ~ 57 km from the proposed EZ. It is connected via R460 and Bakshiganj-Kamalapur Road (Z4606).

Source: Data collected during site visit and secondary research

3.5. Utility Linkages

Availability of utilities is most critical to support day to day operations of any industry. Different industries have varying requirement of utilities depending on their raw material and final products. Basic utilities that are required by any industry can be captured in three baskets i.e. power, water, and gas. It is important for industries to have uninterrupted access to utility sources to facilitate manufacturing.

Table 5: Assessment of utility linkages

	Power availability	<ul style="list-style-type: none"> • During preliminary site reconnaissance, it was observed that the nearest power source is Sherpur sub-station (~5 km). This sub-station has a total capacity of 20 MVA and surplus power available is about 5 MVA. • This can be relied as a source of power to meet the power requirements of the initial construction activities (approx. 4 MVA) for proposed EZ. • There is a grid power station located in Jamalpur (~4 km) having capacity of 232 MVA. • There is also a power plant of United Jamalpur Power Limited in Jamalpur (~6 km) with two units having capacities of 115 MW and 200 MW respectively. • Total power demand during operation stage is around 34 MVA.
	Water availability	<ul style="list-style-type: none"> • River Bramhaputra is adjacent to the proposed EZ can act as surface water source for the proposed EZ. • The Groundwater depth in the region of the proposed EZ varies from 150 to 200 ft. • Estimated water demand is approx. 9 MLD
	Gas availability	<ul style="list-style-type: none"> • Gas lines are running in close proximity (~ 4 km) to the proposed EZ. There are two nearest gas stations at Jamalpur and Sherpur, both of which are at ~5 km distance from the proposed EZ. • Assessment of sourcing strategy and adequacy of the gas sources is undertaken in the master planning section.
	Others	<ul style="list-style-type: none"> • Grameen Phone, Rabi & Banglalink provide telecom connectivity in this region



- Presently, there is no wastewater treatment facility and solid waste management facility in the vicinity of the proposed EZ.

Source: Data collected during site visit and secondary research

3.6. Access to Social Infrastructure

An important predecessor for establishing of industries in a region is the type of social infrastructure that is present in the region. Access to of educational institutes determine the availability of skilled local manpower; quality of medical facilities determine whether skilled manpower can be brought in from outside to work at a place or not. Hence, it is important to understand social infrastructure available in Jamalpur district.

Table 6: Prevailing social infrastructure

	Educational facilities	<ul style="list-style-type: none"> • There are over 400 schools (primary, secondary) and 14 colleges in Jamalpur Sadar upazila. • International quality educational facilities are not available in this upazila and in Jamalpur district. State of the art educational facilities are available in Mymensingh (~66 km) and (Dhaka (~165 km). • There is a total of 264 Technical and Vocational Education and Training (TVET) institutes operational in the Jamalpur district. These institutes can help in sourcing semi-skilled human resources for the proposed EZ. • Industries in the proposed EZ may consider customizing the courses in the TVETs to suit to the industrial requirements, this shall facilitate in easy sourcing of human resources.
	Medical facilities	<ul style="list-style-type: none"> • There is 1 Upazila Govt. Hospital (250 Bed facility), 10 Union Health Sub-centres, 13 Family planning centers, 63 Community Clinics in the upazila. • There are 24 private clinics, 86 diagnostic centres, 9 missionary hospitals, 68 union health centres in Jamalpur district. • Basic healthcare facilities are available in these medical units however state of the art medical facilities can be availed in Mymensingh (~66 km) and Dhaka (~165 km).

Source: Data collected during site visit and secondary research

3.6.1. Voice on Ground about the Location

Stakeholder consultations conducted as part of our mandate has captured the opinion formed by local (Jamalpur and regional level) and national (Bangladesh level) investors/ other stakeholders about the locational attributes of the proposed EZ.

Local Agro industry owner	“The land price in Jamalpur should be cheaper than Dhaka that may make shifting to the proposed EZ affordable for small players like us.”
Local Govt. stakeholder	“Both Jamalpur and Sherpur are developed districts in terms of connectivity and utility services thus an EZ developed here could provide all the necessities to the industrial tenants looking to invest”
Local Oil mill owner	“For small players like us, incentives and deferred payment facilities could be arranged so that we can avail the benefits of the EZ”

National Food & Beverages player “Exploring newer markets present good opportunities for business and these EZs in areas other than Dhaka and Chattogram could make that possible in the future”

Source: Primary stakeholder consultations

Industry assessment chapter captures in detail the opinions shared by various industry players on the locational attractiveness of the proposed EZ.

3.7. Key Takeaways

- Proposed EZ is spread across an area of 402.66 acres, out of which 64.94 acres is privately owned land and the rest 197.72 acres belongs to the Government. Further assessment on the land acquisition is undertaken in the social review section.
- Proposed EZ has good road and rail connectivity but located far away from the EXIM gateways.
 - Joydebpur-Tangail-Jamalpur road (N4) is the nearest highway (~5 km) and provides access to all urban/ industrial nodes and EXIM gateways
 - At present, a ~800 m long earthen road connects the proposed EZ to the nearest regional highway (R460) and thus provides last mile approach to the proposed EZ.
 - Jamalpur railway station (~5 km) is the nearest rail node from the proposed EZ.
 - Mongla and Chattogram seaports are located at ~377 km and ~413 km respectively and has direct road connectivity
- Proposed EZ has good access to utilities.
 - Sherpur sub station (~5 km) can be used for sourcing initial power requirement during construction stage. There is a grid power station (~4 km) and a power plant of United Jamalpur Power Limited (~6 km) in Jamalpur, both of which can act as the source of power during operation stage.
 - Brahmaputra river adjacent to the proposed EZ is the nearest surface water source and ground water is available at a depth of 150 to 200 feet.
 - There are two gas stations at Jamalpur and Sherpur, both of which are at ~5 km from the proposed EZ
- Basic social infrastructure is available in Jamalpur Sadar upazila and Jamalpur district, which can cater to the needs of semi-skilled and unskilled employees. It is recommended that a vocational training center and medical facility be established in the non-processing area of the proposed EZ.

4. Competition Benchmarking

4.1. Key Objectives

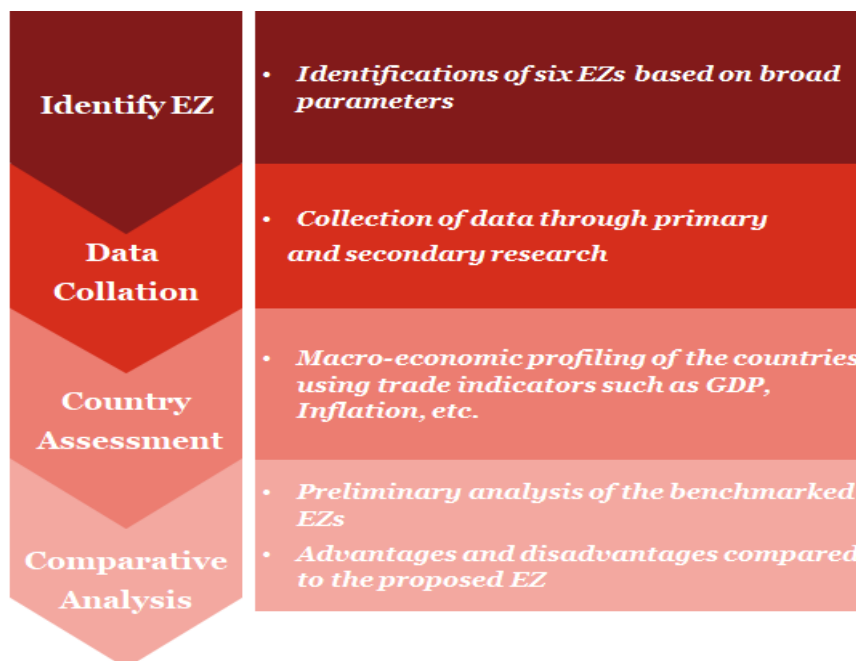
It is imperative for any economic development project across geographies to understand the prevalent best practices in a particular landscape. Thus, the success of an economic zone can often be co-related with similar developments across comparable economies around the globe. Moreover, at the inception stage, a developer, whether Government or private should be well acquainted with the best practices and key drivers of the economic zones that have been successfully fulfilling their potential across the world. In order to gain that knowledge, studying and understanding of the development strategies of other economic zones becomes crucial from the perspective of imbibing and applying the best prevalent practices of the world.

Based on this premise, this chapter attempts to provide a profiling of various economic zones which share similar physical and economic attributes as the proposed economic zone.

4.2. Methodology of Benchmarking

The benchmarking exercise has been conducted through extensive research which entailed primary interactions with developers of economic zones supported by detailed secondary research, etc. An illustration for the flow of the benchmarking exercise has been depicted below:

Figure 5: Benchmarking Methodology



Source: PwC Analysis

The identification of economic zones has been carried out on the following broad parameters as described below:

Figure 6: Selection criteria for economic zones for benchmarking



Source: PwC Analysis

The data obtained through primary interactions (telephonic, email correspondence etc.) have been further validated through detailed secondary research in order to ensure data adequacy and accuracy.

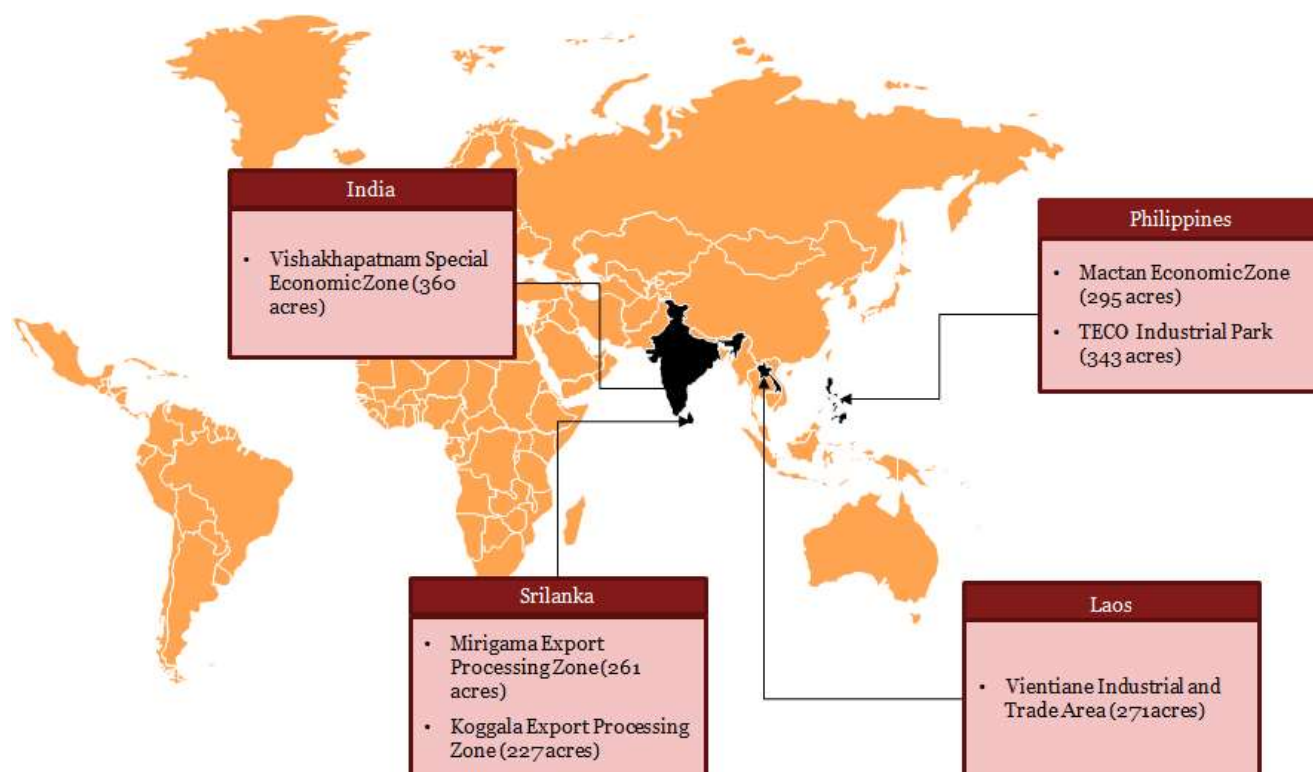
Post receipt of all data points a brief macro-economic profiling of the respective countries has been conducted to assess their economic landscapes.

Finally, a comparative assessment of all these EZs have been done keeping the proposed Jamalpur EZ in cognizance in order to pinpoint and understand the best practices.

4.3. Competitor Identification

The subject economic zone is located in Jamalpur, Bangladesh and is envisaged to cover a **land area of 402.66 acres**. Based on extensive research and the parameters as highlighted above, the following economic zones have been identified in the figure shown on next page.

Figure 7: Geographic Spread of Comparable EZ



Source: PwC Research

A brief overview and rationale for selection for each of these economic zones have been provided below:

Table 7: Brief Overview of Shortlisted SEZ

Name of economic zone	Country	Type of industries	Business Model	Land Area	Rational
Visakhapatnam Special Economic Zone	India	Textiles & RMG, Food & Agro processing, Chemicals, Pharmaceuticals, Light machinery, Paper products, IT/ITES	Government	360 acres	<ul style="list-style-type: none"> Area(s) of these shortlisted EZs are almost similar in size as the proposed EZ All the shortlisted EZs are multi-product in nature and industrial mix is similar to the proposed EZ All these shortlisted EZs are at active stage of marketing Macro-economic conditions of the shortlisted countries are similar to that of Bangladesh
TECO Industrial Park	Philippines	Sectors include electronics, power generation and distribution, paper manufacturing, engineering, fabrication and construction services, manpower services, food processing	Private	343 acres	
Mactan Economic Zone	Philippines	Food & Beverages, Electrical machineries, Chemicals, Furniture, Basic metals, Leather, Light engineering, Plastic & Rubber, Textiles & RMG, Real Estate	Government	295 acres	
Mirigama Export Processing Zone	Sri Lanka	Chemicals, Textiles & RMG, Machinery and Equipment, Plastics, Paper and Paper board articles, Gems	Government	261 acres	
Koggala Export Processing Zone	Sri Lanka	Apparels, Textiles, Plastic and Rubber, Footwear, Light Engineering	Government	227 acres	
Vientiane Industrial and Trade Area	Laos	Food & Agro-based products, textile, garment, leather, gems and jewelry, automotive, machinery and parts, electrical appliances and electronics, medicine, logistics, industrial estates/zones ^{3 4}	PPP	271 acres	

Source: PwC Research

The following sections of the report shall elucidate the macroeconomic landscape of each of the host country and a profiling of the respective economic zones to understand the best practices in similar economy and geography. Apart from shortlisted EZ/EPZ mentioned above detailed profiling of Uttara EPZ has been done to understand existing regime in the country and micro market. The detailed case study has been furnished in Annexure 3.

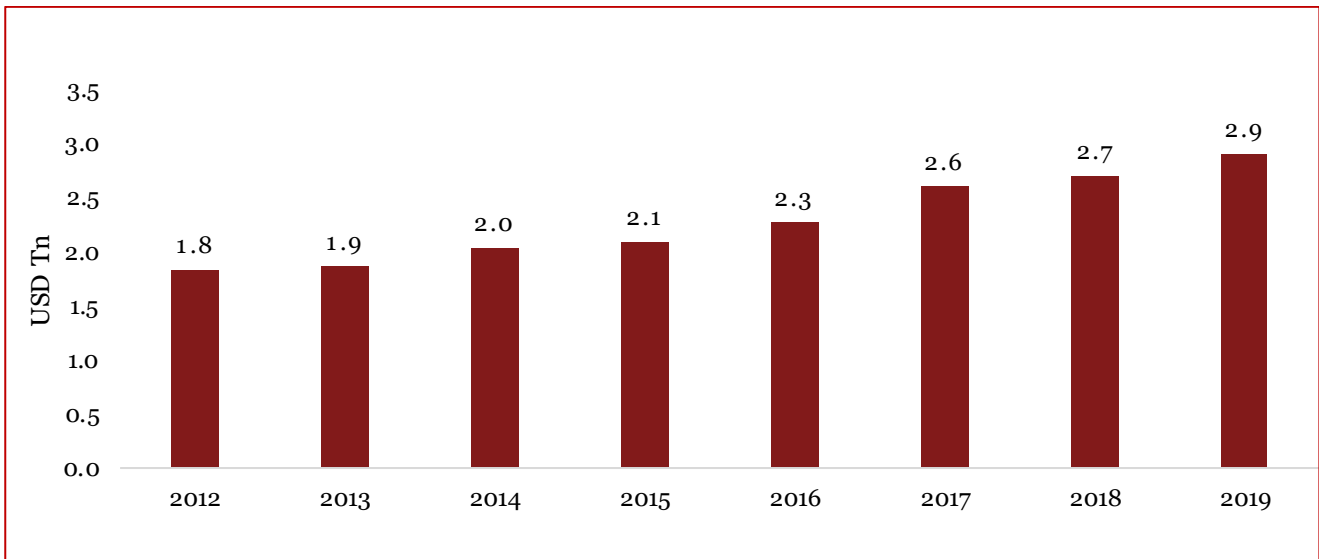
³ Source: https://www.laomoic.org/erit/index.php?option=com_phocadownload&view=category&download=97%3Across-border-impacts-of-thai-sezs-on-lao-sezs-and-collaboration-in-the-midst-of-regional-integration&id=51%3Across-border-impacts-of-thai-sezs-on-lao-sezs-and-collaboration-in-the-midst-of-regional-integration&Itemid=59&lang=lo

⁴ Source: <http://www.investlaos.gov.la/index.php/where-to-invest/special-economic-zone?start=4>

4.3.1. India

India is one of the largest and oldest trade partners of Bangladesh and shares longstanding trade and cultural relationships with the country. India also shares its longest international borders with Bangladesh. India has emerged as one of the fastest growing economies of the world and registered healthy GDP growth rates during the first decade of the 2000s. This has promoted the country towards the verge of being one of the strongest economies of South Asia. **Data used for the analysis is the latest data point available in the respective database.**

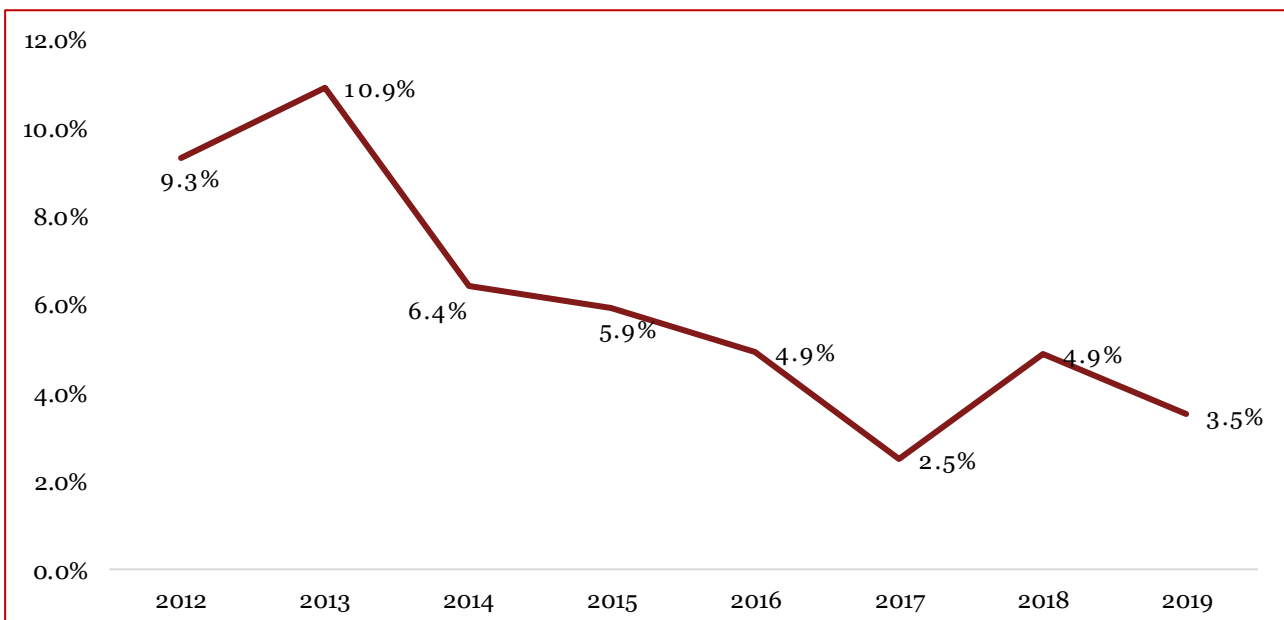
Figure 8: GDP Trend of India



Source: World Bank

Inflation rates in India have improved post a surge owing to decreasing prices of food grains and the same is depicted below. **Data used for the analysis is the latest data point available in the respective database.**

Figure 9: Inflation Trend of India



Source: World Bank (<https://data.worldbank.org/indicator/FP.CPI.TOTL.ZG?end=2018&locations=IN&start=2012>)

The other macroeconomic indicators for the country have been summarized below:

Table 8: Macro-economic Parameter of India

Macroeconomic Indicator	Description	Data Source
Unemployment	2.6%	The Heritage Foundation
FDI Inflow	USD 42.12 Billion	The World Bank
Exports	USD 322.78 Billion in 2019	ITC Trade Map
Imports	USD 480 Billion in 2019	ITC Trade Map
Heritage Foundation's Index of Economic Freedom Rankings.	120	The Heritage Foundation 2019
Cato Institute's Human Freedom ranking	94	Human Freedom Index Cato Institute
World Economic Freedom's Global Competitive Index Rating	68	Global Competitiveness Index 2019 rankings
WB Doing Business ranking	63	Doing Business 2020

Source: PwC Research

India was a restricted economy pre-1990s. Economic liberalization measures like industrial deregulation, privatization of state-owned enterprises and reduced controls on foreign trade and investment began in the 1990s and liberated the economy from a longstanding regime of regulations. The country since then has gradually become a more open market economy from a largely regulated and restricted one. The introduction of Goods & Services Tax (GST) was a paradigm shift in its taxation regime. This is evident in the ease of doing business ranking where the country improved its standings from 100 in 2018 to 63 in 2020.

However, a push in infrastructure development together with increased public spending and initiatives such as "Make in India" has helped India gain significantly on the economic competitiveness front and become a leader amongst South Asian economies.

Post identification of the various macro-economic parameters of India, the subsequent section of the report intends to highlight the various attributes of identified economic zone in the country.

4.3.1.1. Vishakhapatnam Special Economic Zone

VSEZ, formerly known as VEPZ, was established in the year 1989 in the industrial township of Vishakhapatnam, also known as Vizag. It is situated in the state of Andhra Pradesh, India. The city boasts of low cost, high quality social infrastructure - medical, educational, residential and recreational - that match the best available anywhere in the country. Visakhapatnam Special Economic Zone offers state of the art infrastructure coupled with liberal package of incentives, concessions and support services. The export-friendly administrative set up ensures disposal of all approvals and clearances instantly.

Figure 10: Vishakhapatnam Special Economic Zone



Source: Google Images

A detailed profiling of the park has been provided below –

Table 9: Vishakhapatnam Special Economic Zone

Factors	Vishakhapatnam Special Economic Zone
Site	
Year of establishment/Start year of operations	It was established in 1989
Land Size (acres)	360 acres
Number of Plots/Units/Firms	Fully developed plots of sizes varying from half-acre and above are available in the zone; however exact number of plots have not been demarcated There are 106 industrial units operating in the zone ⁵
No. of Development Phases	The development has been carried out in three phases
Land Lease (+length) or Sale (Taka/USD)	Land lease for plots is USD 1.98 / sq.m. / annum (BDT 168.19/sq. m/annum) subject to upward revision by 10% every year ⁶
Pre-Built Factories (PBF) (Y/N)	Yes, there are PBFs in the zone
Lease Rate for PBF (Taka/USD)	Lease rentals for PBF is USD 15.85 /m ² /annum (BDT 1347/m ² /annum) subject to upward revision by 10% every year ⁷
Infrastructure/Utilities	
Onsite Independent Power (Y/N and Type)	No onsite captive power plant available for the SEZ Power is supplied through a dedicated 132/33 KV sub-station by A.P. Transco

⁵ Source: http://www.vsez.gov.in/vsez_admin__sez_units_view.aspx

⁶ Source: http://www.vsez.gov.in/vsez_esp__infrastructure.aspx

⁷ Source: http://www.vsez.gov.in/vsez_esp__infrastructure.aspx

Factors	Vishakhapatnam Special Economic Zone
Cost of Power (Taka/USD)	The cost of power as supplied by A.P. Transco is USD 0.082 / Kwh (BDT 6.97/Kwh) ⁸ for High voltage and USD 0.089/Kwh (BDT 7.56/Kwh) ⁹ for Low voltage
Cost of Water (Taka/USD)	The cost of industrial water is USD 0.95/ KL (BDT 80.70/KL) ¹⁰
Onsite Wastewater Treatment Plant (Y/N)	Yes, there is onsite wastewater treatment plant available within the SEZ
Transport costs	
Cost of shipping 20-foot FCL container ¹¹	The approximate shipping charges of a 20-foot FCL Container from the nearest port are as follows: <ul style="list-style-type: none"> Hamburg – Port of Vizag → USD 1,676-1,852 Rotterdam – Port of Vizag → USD 1,660-1,834 Antwerp – Port of Vizag → USD 1,692-1,870 New York – Port of Vizag → USD 1,804-1,994
Cost of Labour (Taka/USD)	
Management	The salary of a manager in Vishakhapatnam is approx. USD 662/month (BDT 56,235/month) ¹²
Technicians/Engineers	The salary of an entry-level engineer in Vishakhapatnam is approx. USD 340 / month (BDT 28,882/month) ¹³
Skilled	The salary of a skilled laborer in Andhra Pradesh is approx. USD 175/month (BDT 14,866/month) ¹⁴
Unskilled	The salary of an unskilled labourer in Andhra Pradesh is approx. USD 122/month (BDT 10,364/month) ¹⁵
Sectors	
Type of Sectors within the Zone	Textiles & RMG, Food & Agro processing, Chemicals, Pharmaceuticals, Light machinery, Paper products, IT/ITES ¹⁶
Special Regime	
Yes/No	Yes , there's a special regime for incentives ¹⁷
Fiscal Incentives	
Customs Duties	Exemptions from customs duties and excise for import/procurement of goods for development, operations and maintenance are applicable ¹⁸
Corporate Taxes / Indirect Taxes	There is no exemption from minimum alternate tax
Income Tax on Profits	Exemption from payment of Income Tax on export income for the first 5 years, 50% for next five years and 50% of ploughed in profits for next 5 years ¹⁹
Social Security Tax	No social security tax is available in India
No restrictions on Money Transfers	Profit and dividend earned from an Indian company are repatriable after payment of DDT. DDT @ 16.995% (inclusive of cess) is payable by the company (that declares dividend) on the amount of dividend distributed. However, dividend is free of Indian income tax in the

⁸ Source: <http://www.tnec.gov.in/orders/Tariff%20Order%202009/2017/TariffOrder/TANGEDCO-11-08-2017.pdf>

⁹ Source: <https://www.aptransco.co.in/transco/images/TO2020-21.pdf>

¹⁰ Source: <http://www.mepz.gov.in/tariff.html>

¹¹ Source: <https://worldfreightrates.com/freight>

¹² Source: <https://www.payscale.com/research/IN/Location=Visakhapatnam-Andhra-Pradesh/Salary>

¹³ Source: <https://www.payscale.com/research/IN/Location=Visakhapatnam-Andhra-Pradesh/Salary>

¹⁴ Source: [http://labour.ap.gov.in/ELabour/Documents/MinimumWages/12/1any%20manufacturing%20\(1\).pdf](http://labour.ap.gov.in/ELabour/Documents/MinimumWages/12/1any%20manufacturing%20(1).pdf)

¹⁵ Source: [http://labour.ap.gov.in/ELabour/Documents/MinimumWages/12/1any%20manufacturing%20\(1\).pdf](http://labour.ap.gov.in/ELabour/Documents/MinimumWages/12/1any%20manufacturing%20(1).pdf)

¹⁶ Source: http://www.vsez.gov.in/vsez_admin__sez_units_view.aspx

¹⁷ Source: http://www.vsez.gov.in/vsez_wsp__sez_schme.aspx

¹⁸ Source: http://www.vsez.gov.in/vsez_wsp__sez_schme.aspx

¹⁹ Source: http://www.vsez.gov.in/vsez_wsp__sez_schme.aspx

Factors	Vishakhapatnam Special Economic Zone
	hands of the recipient shareholders, Indian or foreign. Profit of LLP is flow-through and repatriable without payment of any taxes and without any regulatory approval ²⁰
Others	Exemption from payment of service tax, Central Sales Tax, AP VAT, stamp duty and registration fee on registration of lease deeds, capital contribution charges for supply of water etc. ²¹
Non-Fiscal Incentives	
One Stop Shop Within the Zone	Yes , there is a one stop shop within the zone ^{22, 23}
Support Amenities	
Onsite Administration office	There is onsite administration office available within the zone
Onsite Convenience Retail	There is onsite convenience retail available within the zone ²⁴
Onsite Housing	There is no onsite housing available within the zone
Onsite Schools	There are onsite schools available within the zone ²⁵
Onsite Community Facilities	There are community facilities available within the zone ^{26, 27}
Onsite Security	There is onsite security available within the zone.
Quality of Life	
International Housing (Within 15 Km)	There are housing facilities available within 15 kms from the zone
International Hospital/Clinic (Within 20km)	There are international hospitals such Homi Bhabha Cancer Hospital, Vishakha Steel Hospital, Apollo Hospitals etc. available in close proximity to the zone
International Schools (Within 20 Km)	There are quality schools like Visakha Valley School, St. Ann's High School etc. in close proximity to the zone

Source: PwC Research

VSEZ is located in Duvvada and has direct road to major port located in the city of Vishakhapatnam. The nearest sea & airport are the Vishakhapatnam seaport and the Vizag International Airport. VSEZ is treated as a foreign territory for trade operations, duties and tariffs. One hundred per cent foreign direct investment is allowed with permission for full and free repatriation of export proceeds.

²⁰ Source: <http://www.dobusinessinindia.in/repatriationoffund.php>

²¹ Source: http://www.vsez.gov.in/vsez_ustp__sez_schme.aspx

²² Source: <https://bit.ly/32ra2Af>

²³ Source: <http://www.horiakiindia.com/contact-us.htm>

²⁴ Source: <http://bitly.ws/7VJd>

²⁵ Source: <https://www.playschoolworld.com/in/en/tamilnadu/Chennai/best-preschools-play-schools-in-mepz-tambaram>

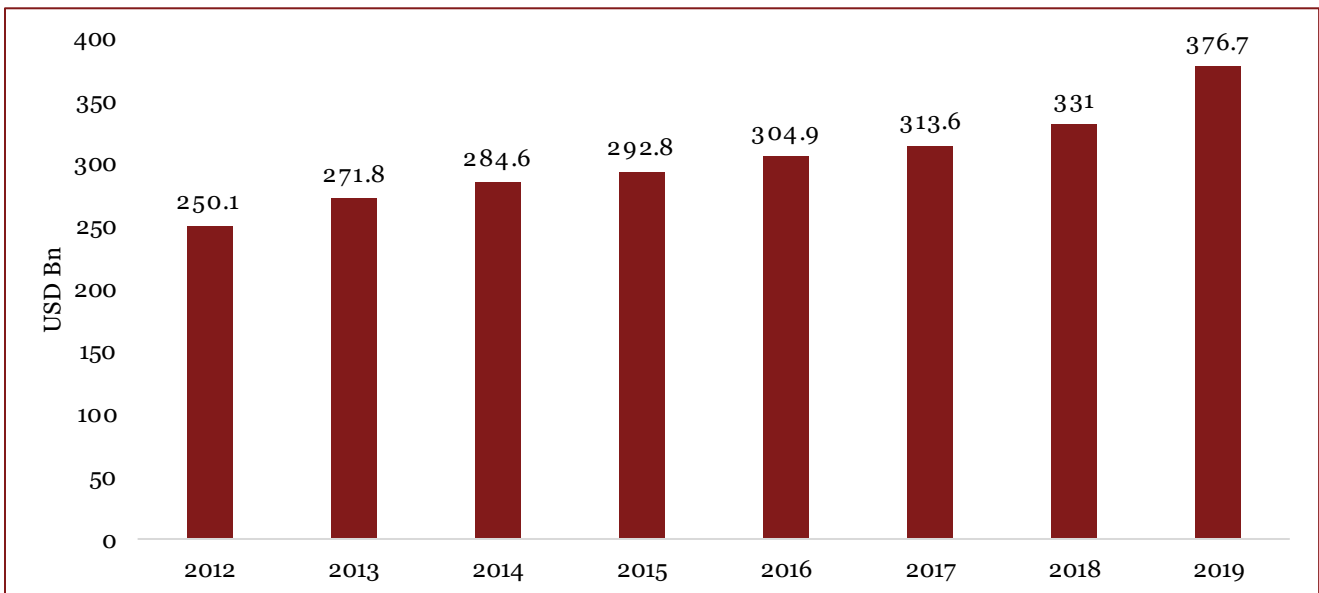
²⁶ Source: <http://www.mepz.gov.in/otherInfra.html>

²⁷ Source: <https://shodhganga.inflibnet.ac.in/bitstream/10603/191133/6/chapter%204.pdf>

4.3.2. Philippines

The Philippines is one of the most dynamic economies in the East Asia Pacific region. With increasing urbanization, a growing middle class, and a large and young population, the Philippines' economic dynamism is rooted in strong consumer demand supported by a vibrant labor market and robust remittances. Post witnessing a slump in its economy in 2011 due to economic downturn, the economy of Philippines has revived, backed by strong domestic demand. Sound economic fundamentals and a globally recognized competitive workforce reinforced the growth momentum. Having sustained average annual growth of 6.4% between 2010-2019 from an average of 4.6% between 2001-2009, the country is on its way from a lower middle-income country with a gross national income per capita of US\$3,830 in 2018 to an upper middle-income country (per capita income range of US\$3,956–\$12,235) in the near term.. The country also has a robust framework for promoting organized industrialization through the nodal agency PEZA which is similar in principle to the existent of BEZA in Bangladesh. The GDP trend of Philippines exhibit sustained growth levels as depicted below in the graph. **Data used for the analysis is the latest data point available in the respective database.**

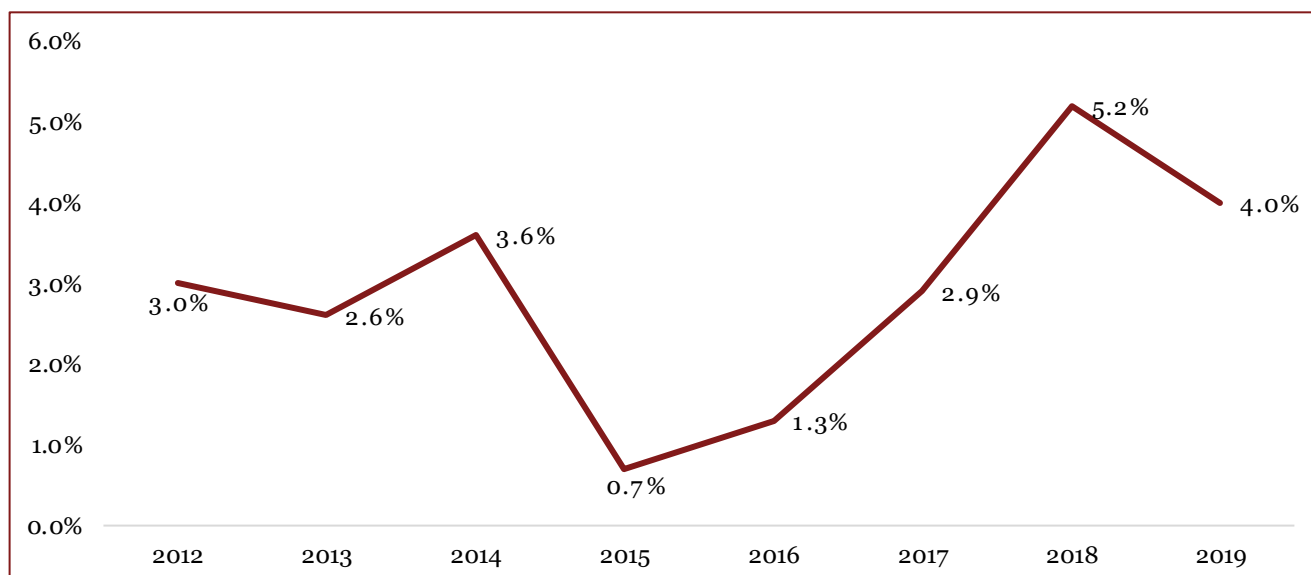
Figure 11: GDP Trend of Philippines



Source: World Bank

The following graph elucidates the inflation trend of Philippines. **Data used for the analysis is the latest data point available in the respective database.**

Figure 12: Inflation Trend of Philippines



Source: World Bank

Other macro-economic parameters of Philippines are presented below –

Table 10: Macro-economic Parameter of Philippines

Macroeconomic Indicator	Description	Data Source
Unemployment	2.5%	The Heritage Foundation
FDI Inflow	USD 9.8 billion	The World Bank
Exports	USD 70.3 billion in 2019	ITC Trade Map
Imports	USD 112.9 billion in 2019	ITC Trade Map
Heritage Foundation's Index of Economic Freedom Rankings	70 ²⁸	The Heritage Foundation
Cato Institute's Human Freedom ranking	76	Human Freedom Index Cato Institute
World Economic Freedom's Global Competitive Index Rating	64	Global Competitiveness Index 2018–2019 rankings
WB Doing Business ranking	95	Doing Business 2020

Source: PwC Research

Although real economic growth slowed in 2019 but was still strong with 6.0% year-on-year. Growth is now projected to significantly decelerate this year due to the impact of the COVID-19 outbreak, through the slowdown in trade, investment, tourism, remittances, and social distancing—including the associated community quarantine. Nevertheless, economic growth is expected to rebound gradually in 2021-2022 as global conditions improve, and with more robust domestic activity bolstered by the public investment momentum and a boost from 2022 election-related spending.

Post analysis of the broad macro-economy of Philippines, an analysis of the selected zones/parks has been provided below –

²⁸ Source: <https://www.heritage.org/index/ranking>

4.3.2.1. TECO Industrial Park

TECO is a privately owned, PEZA registered economic zone, master-planned by the renowned Environmental Design Services (EDS) International of Taiwan. Strategically located at the intersection of the North Luzon Expressway (NLEX) and Subic-Clark-Tarlac Expressway (SCTEX), TECO offers unparalleled access to the major Philippine centers of productivity. TECO location offers the perfect trade and distribution gateway to the burgeoning Northern Luzon region, major transportation hubs of Subic Sea Port and Clark International Airport are very close to the site and can be accessed via world class highways and, with the new Manila Skyway, all industrial regions south of Manila are accessible for direct logistics connection.

Figure 13: TECO Industrial Park



Source: Google Images

A detailed profiling of the TECO Industrial Park is provided below –

Table 11: TECO Industrial Park

Factors	TECO Industrial Park
Site	
Year of establishment/Start year of operations	It started in 2004 ²⁹
Land Size (acres)	343 acres ³⁰
Number of Plots/Units/Firms	Plots of variable sizes are available; however, the exact number of plots have not been demarcated. 13 firms are operational within the zone ³¹
No. of Development Phases	The development has been carried out over a period of time through various stages.
Land Lease (+length) or Sale (Taka/USD)	Land is available for both rent and lease within the EZ. The rental facilities are available at USD 1.47/m ² /month (BDT 124.99/m ² /month) for leasehold of land ³² .
Pre-Built Factories (PBF) (Y/N)	Yes, pre-built factories are available
Lease Rate for PBF (Taka/USD)	Lease rate for PBF is USD 4.98/m ² /month (BDT 423.43/m ² /month) for leasehold of standard factory buildings ³³ .
Infrastructure/Utilities	

²⁹ As per information available from PEZA archives documents regarding first industrial developments that took place in the zone

³⁰ Source: <http://www.peza.gov.ph/index.php/economic-zones/list-of-economic-zones/operating-economic-zones>

³¹ Philippines Economic Zones Authority

³² Source: https://www.colliers.com/-/media/files/marketing%20reports/colliers_manila_industrial_q2_2018_final.pdf?la=en-gb

³³ Source: https://www.colliers.com/-/media/files/marketing%20reports/colliers_manila_industrial_q2_2018_final.pdf?la=en-gb

Factors	TECO Industrial Park
Onsite Independent Power (Y/N and Type)	Yes, 2 onsite captive power plant available for the economic zone. Power is sourced from these 2 power plants having capacity of 52MW and 82 MW respectively. ³⁴
Cost of Power (Taka/USD)	Base industrial power tariff in Philippines: USD 13.4 /kwh ³⁵ (BDT 1139.36/kwh)
Cost of Water (Taka/USD)	The cost of industrial water is approx. USD 0.67/m ³ ^{36,37} (BDT 56.97/m ³)
Onsite Wastewater Treatment Plant (Y/N)	Yes, there is onsite wastewater treatment plant available within the IP ³⁸
Transport costs³⁹	
Cost of shipping 20-foot FCL container	The approximate shipping charges of a 20-foot FCL Container from Surabaya port are as follows: <ul style="list-style-type: none"> • Hamburg – Port of Surabaya → USD 665 -736 • Rotterdam – Port of Surabaya → USD 659 -729 • Antwerp – Port of Surabaya → USD 672 -743 • New York – Port of Surabaya → USD 2,077 -2,296⁴⁰
Cost of Labour (Taka/USD) ⁴¹	
Management	The salary of a management professional is approximately USD 2,298.08/month ⁴² (BDT 195398.64/month)
Technicians	The salary of a technician is approximately USD 991.5/month ⁴³ (BDT 84304.18 /month)
Skilled	The salary of a skilled labour in Philippines is USD 480/month ⁴⁴ (BDT 40812.92/month)
Unskilled	The minimum wage of a labourer is USD 306/month ^{45,46} (BDT 26018.23/month)
Sectors	
Type of Sectors within the Zone	Electronics, power generation and distribution, paper manufacturing, engineering, fabrication and construction services, manpower services, food processing
Special Regime	
Yes/No	Yes, there's a special regime for incentives
Fiscal Incentives^{47 48}	
Customs Duties	The Philippines' customs levy no tariff or tax for goods worth less than PHP 10,000 (USD 200) Businesses operating in SEZs or free port zones are exempted from paying taxes and tariffs on imported raw material and manufacturing equipment ⁴⁹

³⁴ Source: <http://www.tecoindustrialpark.com/#map-box>

³⁵ Source: http://www.lantaugroup.hk/files/ppt_pgen15_sf1.pdf

³⁶ Note: As of December 31, 2018; exchange rate: 0.01897

³⁷ Source: <http://www.mayniladwater.com.ph/news-article.php?id=734>

³⁸ Source: <http://www.tecoindustrialpark.com/#adv-box>

³⁹ Source: <https://www.freightos.com/portfolio-items/freight-rate-calculator-free-tool/>

⁴⁰ Source: <https://worldfreightrates.com/freight>

⁴¹ Source: HEIP Fact Sheet

⁴² Source: <https://www.averagesalarysurvey.com/philippines>

⁴³ Source: <https://www.averagesalarysurvey.com/philippines>

⁴⁴ Source: <https://dlca.logcluster.org/display/public/DLCA/3.4+Philippines+Manual+Labor+Costs>

⁴⁵ Source: <https://tradingeconomics.com/philippines/minimum-wages> (added minimum wage of a labour in Philippines)

⁴⁶ Note: As of December 31, 2018; exchange rate: 0.018

⁴⁷ Source: BOI tax incentives

⁴⁸ Source: <https://www.pwc.de/de/internationale-maerkte/assets/doing-business-and-investing-in-philippines-2015.pdf>

⁴⁹ Source: <https://www.aseanbriefing.com/news/2017/06/23/import-and-export-procedures-in-the-philippines-best-practices.html>

Factors	TECO Industrial Park
Corporate Taxes / Indirect Taxes	<ul style="list-style-type: none"> In Philippines, the Corporate Income Tax Rate is 30% and is calculated on taxable profit⁵⁰
Income Tax on Profits	Tax incentives available to enterprises registered with the Philippine Economic Zone Authority (PEZA) are as follows: <ul style="list-style-type: none"> 4 to 8 years income tax holiday. A 5% tax on the modified gross income is imposed after the end of the income tax holiday⁵¹
Social Security Tax	In Philippines, the social security tax is equivalent to 10.4% of a worker's monthly salary credit, which shared by: <ul style="list-style-type: none"> Employer contribution is 7.07% Employee contribution is 3.33%⁵²
No restrictions on Money Transfers	No such incentives are prevailing in EZ
Others	<ul style="list-style-type: none"> Tax and duty-free import of capital equipment, spare parts and supplies Tax and duty-free import of raw materials and supplies used in export Zero VAT⁵³
Non-Fiscal Incentives	
One Stop Shop Within the Zone	Yes, there is one stop shop within the zone
Support Amenities	
Onsite Administration office	There is onsite administration office available within the zone
onsite convenience retail	There is onsite convenience retail available within the zone ⁵⁴
Onsite Housing	There is no onsite housing available within the zone
Onsite Schools	There are no onsite schools available within the zone
Onsite Community Facilities	There are no onsite community facilities available within the zone
Onsite Security	There is onsite security available within the zone
Quality of Life	
International Housing (Within 15 Km)	There is no international housing facility available within 15 km radius of the EZ
International Hospital/Clinic (Within 20km)	Quality hospitals like The Medical City Clark, St. Raphael Foundation and Medical Center, Our Lady of Mt. Carmel Medical Center etc. are available in close proximity to the economic zone
International Schools (Within 20 kms)	Singapore School Clark, Living Stone International School, Royal International School, American International Learning Academy are some of the educational institutes offering quality education facilities in close proximity to the zone ⁵⁵

Source: PwC Research

Future plans of expanding up to 500 hectares are underway. TECO is part of the established TIPCO Group of Companies and has almost three decades of knowledge and experience in industrial land development, management and administration. TECO Industrial Park is home to several international and domestic corporations that are leaders in their respective industries. TECO is the only Industrial Park in the Philippines with two embedded power generators. It is located such that it has access to both Domestic and International trade. The Industrial park has lot of support services such as: On-site PEZA office, On-site Customs office,

⁵⁰ Source: <https://shieldgeo.com/payroll-and-tax-in-the-philippines/>

⁵¹ Source: http://www.rd.go.th/publish/fileadmin/user_upload/AEC/AseanTax-Philippines.pdf

⁵² Source: <https://shieldgeo.com/payroll-and-tax-in-the-philippines/>

⁵³ Source: <https://hkmb.hktdc.com/en/1XOAAKZD/hktdc-research/The-Philippines-Special-Economic-Zones>

⁵⁴ Source: <https://bit.ly/2SYtouK>

⁵⁵ Source: <https://bit.ly/2PoS2B5>

Manpower services, 24/7 on-site physical security team, 24/7 standby fire trucks and 24/7 standby ambulance units.

4.3.2.2. Mactan Economic Zone

The Mactan Economic Zone, formerly known as Mactan Export Processing Zone, is a 119-hectare economic zone located in Lapulapu city in Cebu, Philippines. It is managed by PEZA and Mactan Export Processing Zone Chamber of Exporters and Manufacturers. Mactan Economic Zone began with low-skilled intensive industries such as garment, shoes, and toys but gradually shifted to middle-skill intensive industries such electronics, machinery and medical equipment. The EZ focuses mainly on Food & Beverages, Textiles & RMG, Electrical machineries and equipment, Computer parts manufacturing etc.

Figure 14: Mactan Economic Zone



Source: Google Images

A detailed profiling of the Mactan Economic Zone is provided below –

Table 12: Mactan Economic Zone

Factors	Mactan Economic Zone
Site	
Year of establishment/Start year of operations	Mactan Export Processing Zone was established in 1979
Land Size (acres)	295 acres
Number of Plots/Units/Firms	Plots of variable sizes are available; however, the exact number of plots have not been demarcated. There are 173 operational industrial units in the zone ⁵⁶
No. of Development Phases	The development has been carried out in a single phase
Land Lease (+length) or Sale (Taka/USD)	Land is available for both rent and lease within the EZ at USD 0.73/m ² /month ⁵⁷ (BDT 62.01 /m ² /month)
Pre-Built Factories (PBF) (Y/N)	Yes, pre-built factories are provided as a part of the product offering

⁵⁶ Source: PEZA

⁵⁷ Source: http://www.peza.gov.ph/issuances/mc/mc_2005-008.htm

Factors	Mactan Economic Zone
Lease Rate for PBF (Taka/USD)	Lease rate for PBF varies from USD ~3.5-4/m ² /month (BDT 297-340/m ² /month)
Infrastructure/Utilities	
Onsite Independent Power (Y/N and Type)	Yes, onsite captive power plant available for the economic zone
Cost of Power (Taka/USD)	Cost of power in PEZA operated zones is USD 0.11/KwH ⁵⁸ (BDT 9.34/KwH)
Cost of Water (Taka/USD)	The cost of industrial water is approx. USD 0.72/m ³ ⁵⁹ (BDT 61.16/m ³)
Onsite Wastewater Treatment Plant (Y/N)	Yes, there is onsite wastewater treatment plant available within the zone
Transport costs	
Cost of shipping 20-foot FCL container	The approximate shipping charges of a 20-foot FCL Container from Cebu port are as follows: <ul style="list-style-type: none"> • Hamburg – Cebu port → USD 1,700 -1,879 • Rotterdam – Cebu port → USD 1,684 -1,861 • Antwerp – Cebu port → USD 1,716 -1,897 • New York – Cebu port → USD 1,738 -1,921⁶⁰
Cost of Labour (Taka/USD)	
Management	The salary of a management professional is approximately USD 2,188/month ⁶¹ (BDT 185,863/month)
Technicians	The salary of a technician is approximately USD 725/month ⁶² (BDT 61,586/month)
Skilled	The minimum wage of a labourer was USD 255/month ⁶³ (BDT 21,661/month)
Unskilled	The minimum wage of a labourer USD 134/month ⁶⁴ (BDT 11383/month)
Sectors	
Type of Sectors within the Zone	Food & Beverages, Electrical machineries, Chemicals, Furniture, Basic metals, Leather, Light engineering, Plastic & Rubber, Textiles & RMG, Real Estate
Special Regime	
Yes/No	Yes , the incentives applicable under Philippines Special Economic Zone Policy shall be applicable
Fiscal Incentives	
Customs Duties	The Philippines' customs levy no tariff or tax for goods worth less than PHP10,000 (USD 200). Businesses operating in Special Economic Zones (SEZs) or free port zones are exempted from paying taxes and tariffs on imported raw material and manufacturing equipment
Corporate Taxes / Indirect Taxes	In Philippines, the Corporate Income Tax Rate is 30% and is calculated on taxable profit
Income Tax on Profits	Tax incentives available to enterprises registered with the Philippine Economic Zone Authority (PEZA) are as follows: <ul style="list-style-type: none"> • 4 to 8 years income tax holiday • A 5% tax on the modified gross income is imposed after the end of the income tax holiday
Social Security Tax	In Philippines, the social security tax is equivalent to 10.4% of a worker's monthly salary credit, which shared by:

⁵⁸ Source: <http://www.peza.gov.ph/index.php/2-uncategorised/30-cost-of-doing-business>

⁵⁹ Source: <http://www.peza.gov.ph/index.php/2-uncategorised/30-cost-of-doing-business>

⁶⁰ Source: <https://worldfreightrates.com/freight>

⁶¹ Source: <https://www.averagesalarysurvey.com/philippines>

⁶² Source: <https://www.averagesalarysurvey.com/philippines>

⁶³ Source: <http://www.peza.gov.ph/index.php/2-uncategorised/30-cost-of-doing-business> (average of minimum daily wage considered for NCR Region Non-agriculture; 24 days per month)

⁶⁴ Source: <https://nwpc.dole.gov.ph/stats/current-statistics-on-wages/> (minimum daily wage considered for Region II Non-agriculture; 24 days per month)

Factors	Mactan Economic Zone
	<ul style="list-style-type: none"> • Employer contribution is 7.07% • Employee contribution is 3.33%
No restrictions on Money Transfers	No such incentives are prevailing in EZ
Others	<ul style="list-style-type: none"> • Tax and duty-free import of capital equipment, spare parts and supplies • Tax and duty-free import of raw materials and supplies used in export • Zero value-added tax
Non-Fiscal Incentives	
One Stop Shop Within the Zone	Yes , there is a one stop shop within the zone
Support Amenities	
Onsite Administration office	There is onsite administration office available within the zone
Onsite Convenience Retail	There is convenience retail store available within the zone
Onsite Housing	There is no onsite housing available within the zone
Onsite Schools	There is no onsite school available within the zone
Onsite Community Facilities	There are no community facilities inside the zone
Onsite Security	There is onsite security available within the zone
Quality of Life	
International Housing (Within 15 Km)	There is international housing facility available within 15 km radius of the EZ
International Hospital/Clinic (Within 20km)	There are superior quality hospitals such as Cebu Doctor's University Hospital available in close proximity to the zone
International Schools (Within 20 kms)	There are superior quality schools such as The Newtown School of Excellence available in close proximity to the zone

Source: PwC analysis and data collection

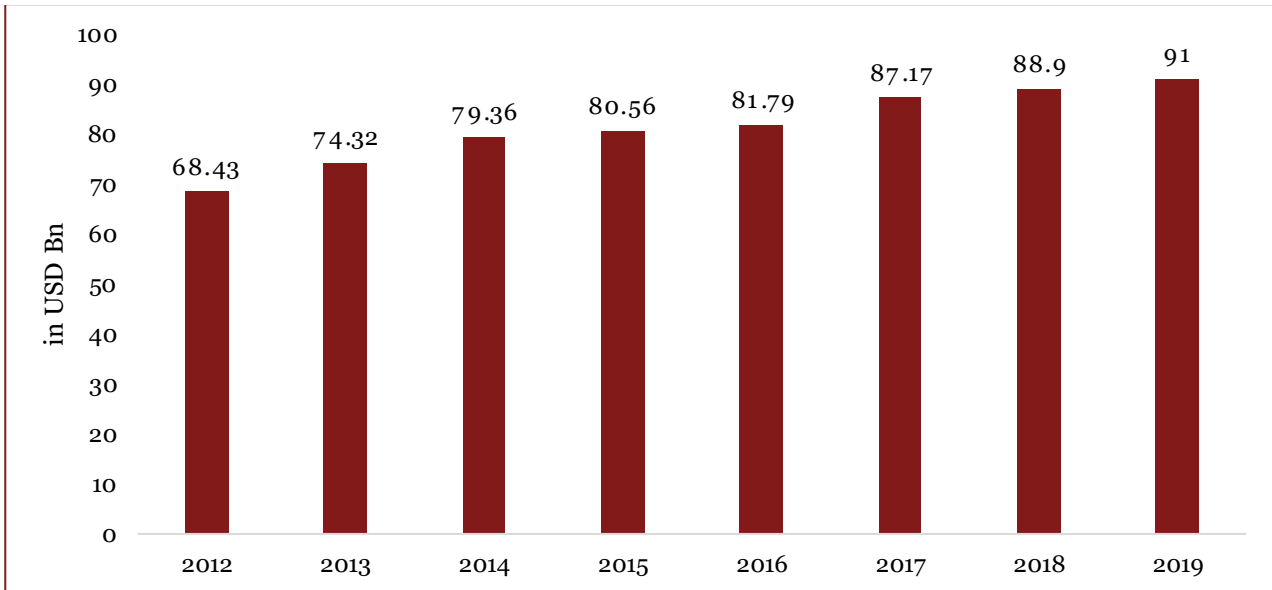
The Mactan Economic Zone mainly facilitates high quality export to countries such as EU, USA, Japan and other South east Asian economies. Its main advantage lies in the fact it is located in close proximity to the Cebu Port and Cebu-Mactan International airport. As of 2019, PEZA also has plans to transform and redesign the Mactan Economic Zone into an integrated township where locators and workers can also find accommodation for themselves.⁶⁵

⁶⁵ Source: <https://cebudailynews.inquirer.net/223407/peza-to-transform-economic-zones-into-townships-starting-with-cebus-mez>

4.3.3. Sri Lanka

Sri Lanka is an island nation situated to the southern tip of India. The country is also an emerging economy like Bangladesh and has a thriving garments sector. Sri Lanka's economy had suffered for a prolonged period from civil unrest, however recent times have witnessed the economy reviving on the back of strong domestic demand and exports. The major exports of the country are tea, garments, fish, spices, etc. The Government of Sri Lanka in a bid to attract foreign investments have also developed Export Processing Zones in the country and are also providing prudent incentives. The GDP growth of Sri Lanka has been depicted below. **Data used for the analysis is the latest data point available in the respective database.**

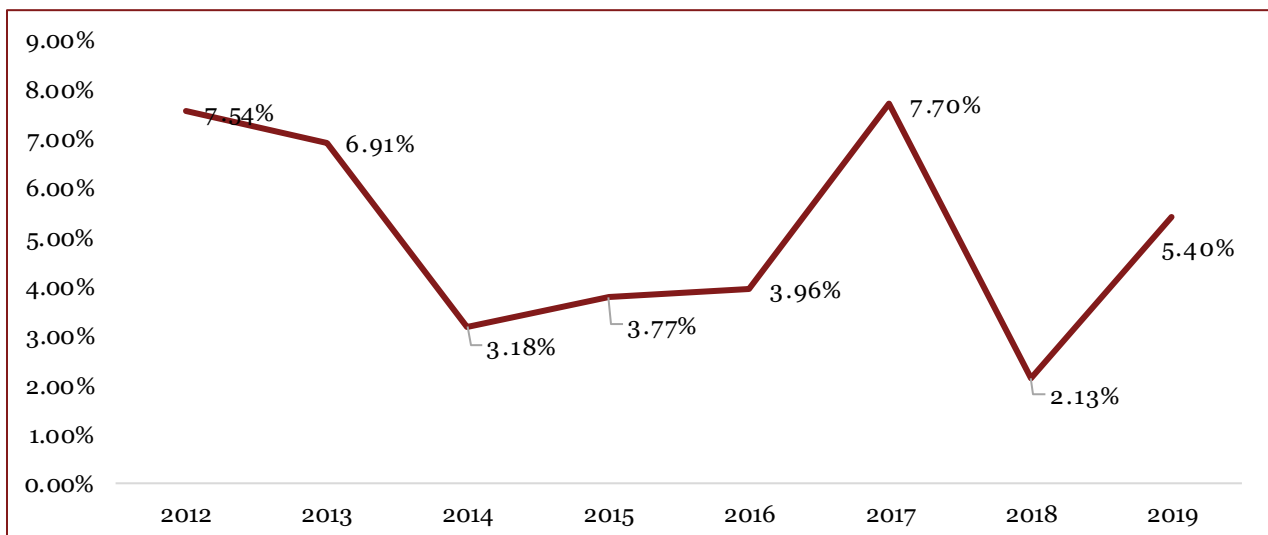
Figure 15: GDP of Sri Lanka



Source: World Bank

Post the political unrest in Sri Lanka, the inflation rates have experienced a sinusoidal curve of rise and decline steeply over the past one year on account of natural disasters like cyclone which resulted in escalation of food prices. The increase in charges like VAT has also adversely impacted the inflation trend adversely. **Data used for the analysis is the latest data point available in the respective database.**

Figure 16: Inflation Trend of Sri Lanka



Source: World Bank

The other broad level economic parameters of the country have been depicted below –

Table 13: Macro-economic Parameter of Sri Lanka

Macroeconomic Indicator	Description	Data Source
Unemployment	4.4%	The Heritage Foundation
FDI Inflow	USD 1.6 billion	The World Bank
Exports	USD 11.1 billion	ITC Trade Map
Imports	USD 15.8 billion	ITC Trade Map
Heritage Foundation's Index of Economic Freedom Rankings	112	The Heritage Foundation
Cato Institute's Human Freedom ranking	110	Human Freedom Index Cato Institute
World Economic Freedom's Global Competitive Index Rating	84	Global Competitiveness Index 2019 rankings
WB Doing Business ranking	168	Doing Business 2020

Source: PwC Research

The economy of Sri Lanka is transitioning from being predominantly rural-based to urban economy-oriented around manufacturing and services. The government is implementing fiscal reforms, improving public financial management, increasing public and private investments, addressing infrastructure constraints and improving competitiveness. Sri Lanka has made significant improvements in human development. The country's Social indicators rank among the highest in South Asia and compare favorably with those in middle-income countries. The national poverty headcount ratio declined from 15.3% in 2006/07 to 6.7% in 2012/13⁶⁶ although disparities still remain within the country.

Post analysis of the broad macro-economy of Sri Lanka, an analysis of the shortlisted EZs has been provided on the next page –

4.3.3.1. Mirigama Export Processing Zone

The Mirigama Export Processing Zone is located in the Western Province in the Gampaha District of Sri Lanka. It is an environmentally accredited zone accommodating international, local and joint venture enterprises cutting across a variety of manufacturing activities. It is situated 65 km in the north east of Colombo and 35 km from the Colombo International airport.

⁶⁶ Source: World Bank

Figure 17: Mirigama Export Processing Zone



Source: Google Images

A detailed profiling of the park is provided below –

Table 14: Mirigama Export Processing Zone

Factors	Mirigama Export Processing Zone
Site	
Year of establishment/Start year of operations	It was established in 1998
Land Size (acres)	261 acres
Number of Plots/Units/Firms	According to the existing master plan approx. 55 plots are present in zone There are 20 operational industrial units in the park ⁶⁷
No. of Development Phases	The development has been carried out over a period of time but in a single phase
Land Lease (+length) or Sale (Taka/USD)	The Board of Investment of Sri Lanka provides Land on lease basis, for lease period of 50 years. The upfront one-time land premium is USD 30,000 (BDT 2.55 Mn) and the land lease charged is USD 4,235 / acre / annum (BDT ~0.36 Mn/acre/annum) ⁶⁸
Pre-Built Factories (PBF) (Y/N)	There are no PBF available as a part of the product offering
Lease Rate for PBF (Taka/USD)	There is no lease rate for PBF since PBF are not provided as a part of the product mix
Infrastructure/Utilities	
Onsite Independent Power (Y/N and Type)	There is no onsite captive power plant available for the special economic zone
Cost of Power (Taka/USD)	For Industries with demand less than or equal to 42 KVA the cost of power is as follows: <ul style="list-style-type: none"> For consumption <301 kWh, the tariff is USD 0.058/kWh (BDT 4.93/kWh)⁶⁹ For consumption >300 kWh, the tariff is USD 0.065/kWh (BDT 5.52/kWh)⁷⁰

⁶⁷ Source: <http://www.investsrilanka.com/wp-content/uploads/2018/10/mirigama-epz.pdf>

⁶⁸ Source: <http://www.investsrilanka.com/wp-content/uploads/2018/10/mirigama-epz.pdf>

⁶⁹ Source: <http://www.ceb.lk/for-your-business/>

⁷⁰ Source: <http://www.ceb.lk/for-your-business/>

Factors	Mirigama Export Processing Zone
	For Industries with demand more than 42 KVA the cost of power is as follows: <ul style="list-style-type: none"> • During peak hours, the tariff is USD 0.11/KwH (BDT 9.34/KwH)⁷¹ • During daytime, the tariff is USD 0.059/KwH (BDT 5.01/KwH)⁷² • During Off-peak, the tariff is USD 0.037/KwH (BDT 3.14/KwH)⁷³
Cost of Water (Taka/USD)	The charge of industrial water is USD 0.40/m ³ (BDT 34/m ³) ⁷⁴
Onsite Wastewater Treatment Plant (Y/N)	There is a centralized wastewater treatment plant indicated in the master plan lay out
Transport costs	
Cost of shipping 20-foot FCL container shipping to Colombo ⁷⁵	The approximate shipping charges of a 20-foot FCL Container from the nearest port are as follows: <ul style="list-style-type: none"> • Hamburg – Colombo port → USD 1,604-1,774 • Rotterdam – Colombo port → USD 1,588-1,755 • Antwerp – Colombo port → USD 1,619-1,789 • New York – Colombo port → USD 2,156- 2,384
Cost of Labour (Taka/USD)	
Management	The average salary for a manager is approx. USD 1,000/month (BDT 84,947/month) ⁷⁶
Technicians	The average salary for a technician is approx. USD 320/month (BDT 27,183/month) ⁷⁷
Skilled	The average salary for a skilled labour is approx. USD 128/month (BDT 10,874/month) ⁷⁸
Unskilled	The average salary for an un-skilled labour is approx. USD 84/month (BDT 7,136/month) ⁷⁹
Sectors	
Type of Sectors within the Zone	Chemicals, Textiles & RMG, Machinery and Equipment, Plastics, Paper and Paper board articles, Gems
Special Regime	
Yes/No	Yes, there's a special regime for incentives
Fiscal Incentives	
Customs Duties	<ul style="list-style-type: none"> • Exemptions of Customs Duty on capital goods and raw materials. • Non-export oriented companies are entitled to import project related capital goods free of Customs Duty.
Corporate Taxes / Indirect Taxes	<ul style="list-style-type: none"> • Exemption of tax on dividends. • Minimum tax exemption of 4 to 11 years depending on the type of sectors and percentage of exports.
Income Tax on Profits	<ul style="list-style-type: none"> • Income tax exemption up to 5 years • Reduced rate after 5 years/ tax holiday is levied at 12% to 28% depending on the income.
Social Security Tax	There is social security tax in Sri Lanka. The employer contributes 12% and the employee 8% of remuneration to the Employees Provident Fund (EPF). The employer also contributes 3% of employee remuneration to the Employee Trust Fund. Employees that have completed 5 years of service are entitled to a gratuity at the time of retirement at a rate of 50% of the last drawn salary multiplied by the number of years of service at the time of retirement.

⁷¹ Source: <http://www.ceb.lk/for-your-business/>

⁷² Source: <http://www.ceb.lk/for-your-business/>

⁷³ Source: <http://www.ceb.lk/for-your-business/>

⁷⁴ Source: <http://investsrilanka.com/location/mirigama-epz/>

⁷⁵ Source: <https://worldfreightrates.com/freight>

⁷⁶ Source: <http://investsrilanka.com/location/mirigama-epz/>

⁷⁷ Source: <http://investsrilanka.com/location/mirigama-epz/>

⁷⁸ Source: <http://investsrilanka.com/location/mirigama-epz/>

⁷⁹ Source: <http://investsrilanka.com/location/mirigama-epz/>

Factors	Mirigama Export Processing Zone
No restrictions on Money Transfers	Sri Lanka does not impose any restrictions on the repatriation of profits. The government allows 100% repatriation on earnings, fees and capital, and on foreign exchange transactions relating to current account payments.
Others	<ul style="list-style-type: none"> Exemption of transfer charges on transfer of land
Non-Fiscal Incentives	
One Stop Shop Within the Zone	Yes, one stop shop is available within the zone.
Support Amenities	
Onsite Administration office	There is onsite administration office available within the zone
Onsite Convenience Retail	There is no onsite convenience retail available within the zone
Onsite Housing	There is no onsite housing available within the zone
Onsite Schools	There are no onsite schools available within the zone
Onsite Community Facilities	There are no onsite community facilities available within the zone
Onsite Security	There is onsite security available within the zone
Quality of Life	
International Housing (Within 15 Km)	There are housing facilities available in proximity to the zone; however international quality housing is not available
International Hospital/Clinic (Within 20km)	Superior quality hospital like Base Hospital, Sahanya Private Hospital etc. are present in proximity to the zone
International Schools (Within 20 kms)	Superior quality schools like D.S. Senanayaka Central College, Oxford International School etc. are present in proximity to the zone

Source: PwC Research

The zone is well connected with the capital city of Colombo, which also houses one of the largest transshipment ports of Asia. The zone is also located in close proximity to the Bandarnayake International Airport which allows for seamless evacuation of time-sensitive goods and expatriates from the export processing zone. This has resulted in a number of investors setting up manufacturing units within the zone.

4.3.3.2. Koggala Export Processing Zone

Koggala Export Processing Zone is located in the Galle district in the Southern province of Sri Lanka, ~ 125 km away from Hambantota Port and ~ 13 km from Galle Port. It enjoys direct road connectivity with both these trade gateways of the country. Koggala EPZ was established in 1991 on a land area of 227 acres of which 195 acres are industrial land. The advantages of the Zone for enterprises are the security, lighting, excellent communication as well as power supply and the availability of ground water. In addition, there is a centralized administrative complex linked to the relevant departments of the BOI as well as other important facilities such as customs, banking, postal, medical and port cargo handling services.

Figure 18: Koggala Export Processing Zone



Source: Google Images

A detailed profiling of the park is provided below:

Table 15: Koggala Export Processing Zone, Sri Lanka

Factors	Koggala Export Processing Zone
Site	
Year of establishment/Start year of operations	It was established in 1991
Land Size (acres)	227 acres
Number of Plots/Units/Firms	According to the existing master plan there are approximately 60 industrial plots within the zone ⁸⁰ There are 23 operational industrial units in the zone ⁸¹
No. of Development Phases	The development has been carried out over a period of time but in a single phase
Land Lease (+length) or Sale (Taka/USD)	The Board of Investment of Sri Lanka provides Land on lease basis, for lease period of 50 years. The upfront one-time land premium is USD 30,000 (BDT 2.55 Mn) and the land lease charged is USD 5,130 / acre / annum (BDT ~0.44 Mn/acre/annum) ⁸²
Pre-Built Factories (PBF) (Y/N)	There are no PBF available as a part of the product offering
Lease Rate for PBF (Taka/USD)	There is no lease rate for PBF since PBF are not provided as a part of the product mix
Infrastructure/Utilities	
Onsite Independent Power (Y/N and Type)	There is no onsite captive power plant available for the special economic zone
Cost of Power (Taka/USD)	For Industries with demand less than or equal to 42 KVA the cost of power is as follows:

⁸⁰ Source: <http://www.investsrilanka.com/wp-content/uploads/2019/05/Koggala-Export-Processing-Zone.pdf>

⁸¹ Source: <https://www.lankabusinessonline.com/sri-lankas-koggala-epz-earns-usd122-mn-in-2017/>

⁸² Source: <http://investsrilanka.com/location/koggala-epz/>

Factors	Koggala Export Processing Zone
	<ul style="list-style-type: none"> For consumption <301 Kwh, the tariff is USD 0.058/Kwh (BDT 4.93/Kwh)⁸³ For consumption >300 Kwh, the tariff is USD 0.065/Kwh (BDT 5.52/Kwh)⁸⁴ <p>For Industries with demand more than 42 KVA the cost of power is as follows:</p> <ul style="list-style-type: none"> During peak hours, the tariff is USD 0.11/Kwh (BDT 9.34/Kwh)⁸⁵ During daytime, the tariff is USD 0.059/Kwh (BDT 5.01/Kwh)⁸⁶ During Off-peak, the tariff is USD 0.037/Kwh (BDT 3.14/Kwh)⁸⁷
Cost of Water (Taka/USD)	The charge of industrial water is USD 0.40/m ³ (BDT 34/m ³) ⁸⁸
Onsite Wastewater Treatment Plant (Y/N)	There are centralized wastewater treatment facilities available
Transport costs	
Cost of shipping 20-foot FCL container ⁸⁹	<p>The approximate shipping charges of a 20-foot FCL Container from the nearest port are as follows:</p> <ul style="list-style-type: none"> Hamburg – Hambantota port → USD 650-1,050 Rotterdam – Hambantota port → USD 650-1,160 New York – Hambantota port → USD 800-1,914
Cost of Labour (Taka/USD)	
Management	The average salary for a manager is approx. USD 800/month (BDT 67,957/month) ⁹⁰
Technicians	The average salary for a technician is approx. USD 280/month (BDT 23,785/month) ⁹¹
Skilled	The average salary for a skilled labour is approx. USD 112/month (BDT 9,514/month) ⁹²
Unskilled	The average salary for an un-skilled labour is approx. USD 80/month (BDT 6,796/month) ⁹³
Sectors	
Type of Sectors within the Zone	Apparels, Textiles, Plastic and Rubber, Footwear, Light Engineering
Special Regime	
Yes/No	Yes, there's a special regime for incentives
Fiscal Incentives	
Customs Duties	<ul style="list-style-type: none"> Exemptions of Customs Duty on capital goods and raw materials. Non-export oriented companies are entitled to import project related capital goods free of Customs Duty.
Corporate Taxes / Indirect Taxes	<ul style="list-style-type: none"> Exemption of tax on dividends. Minimum tax exemption of 4 to 11 years depending on the type of sectors and percentage of exports.
Income Tax on Profits	<ul style="list-style-type: none"> Income tax exemption up to 5 years Reduced rate after 5 years/ tax holiday is levied at 12% to 28% depending on the income.
Social Security Tax	There is social security tax in Sri Lanka. The employer contributes 12% and the employee 8% of remuneration to the Employees Provident Fund (EPF). The employer also contributes 3% of employee remuneration to the Employee Trust Fund. Employees that have completed 5 years of

⁸³ Source: <http://www.ceb.lk/for-your-business/>

⁸⁴ Source: <http://www.ceb.lk/for-your-business/>

⁸⁵ Source: <http://www.ceb.lk/for-your-business/>

⁸⁶ Source: <http://www.ceb.lk/for-your-business/>

⁸⁷ Source: <http://www.ceb.lk/for-your-business/>

⁸⁸ Source: <http://investsrilanka.com/location/koggala-epz/>

⁸⁹ Source: <https://www.freightos.com/freight-tools/freight-rate-calculator-free-tool/>

⁹⁰ Source: <http://investsrilanka.com/location/koggala-epz/>

⁹¹ Source: <http://investsrilanka.com/location/koggala-epz/>

⁹² Source: <http://investsrilanka.com/location/koggala-epz/>

⁹³ Source: <http://investsrilanka.com/location/koggala-epz/>

Factors	Koggala Export Processing Zone
	service are entitled to a gratuity at the time of retirement at a rate of 50% of the last drawn salary multiplied by the number of years of service at the time of retirement.
No restrictions on Money Transfers	Sri Lanka does not impose any restrictions on the repatriation of profits. The government allows 100% repatriation on earnings, fees and capital, and on foreign exchange transactions relating to current account payments.
Others	<ul style="list-style-type: none"> Exemption of transfer charges on transfer of land
Non-Fiscal Incentives	
One Stop Shop Within the Zone	Yes, one stop shop is available within the zone.
Support Amenities	
Onsite Administration office	There is onsite administration office available within the zone
Onsite Convenience Retail	There is no onsite convenience retail available within the zone
Onsite Housing	There is no onsite housing available within the zone
Onsite Schools	There are no onsite schools available within the zone
Onsite Community Facilities	There are no onsite community facilities available within the zone
Onsite Security	There is onsite security available within the zone
Quality of Life	
International Housing (Within 15 km)	There are quality housing facilities available within 15 km from the export processing zone
International Hospital/Clinic (Within 20km)	There are quality hospitals near the zone such as Habaraduwa Hospital, Dr. G. R. A. De Silva Hospital etc.
International Schools (Within 20 km)	There are international quality schools available within 15 km from the export processing zone such as Salahiya International School

Source: PwC analysis and data collection

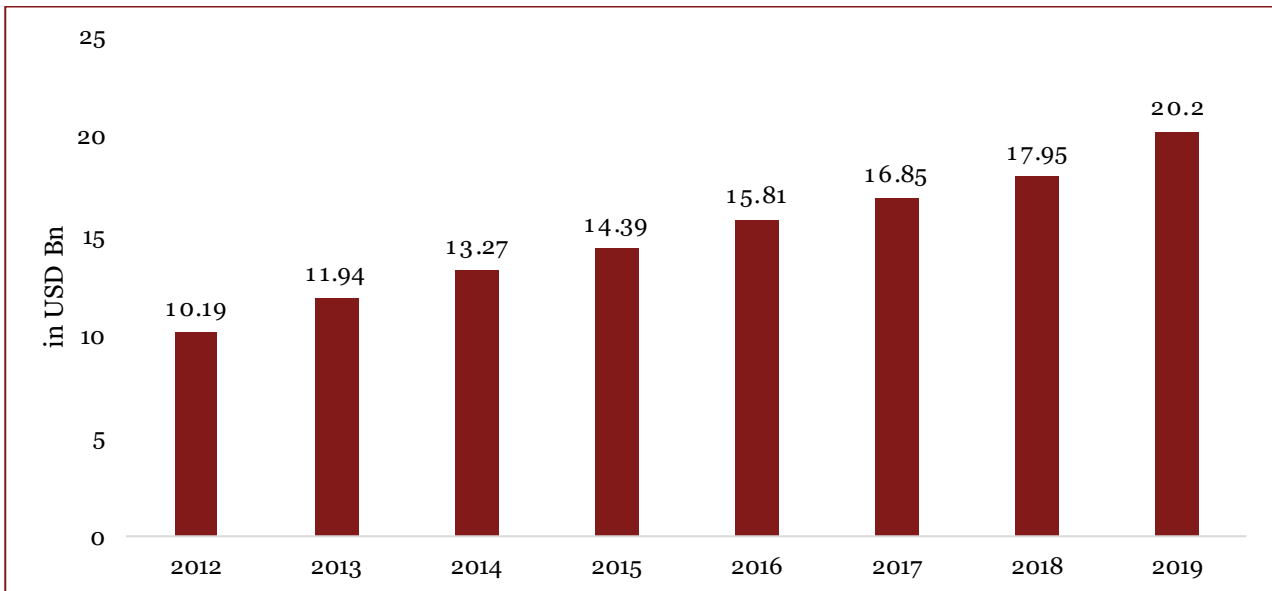
Koggala Export Processing Zone contributed USD 122 million worth of exports earnings in 2017, emerging as a major economic centre in South Sri Lanka and an important contributor to the economy. Its proximity to the port of Hambantota (~125 km) and Galle (~13 km) gives it an added advantage of access to Sri Lanka's major ports.

4.3.4. Laos

Laos, officially called the Lao People's Democratic Republic is a socialist state and is a landlocked country in Southeast Asia. Laos is surrounded by China in the northwest, Vietnam to the east, Cambodia to the southeast, Thailand to the west and southwest and Myanmar to the northwest. Laos registered the 4th highest GDP per capita in Southeast Asia after Singapore, Malaysia and Thailand. The capital and largest city in Laos is Vientiane. The main industries in Lao are Copper, Tin, Timber, Agricultural processing, Construction, Garments, Coffee etc.

The GDP growth of Laos has been depicted below. **Data used for the analysis is the latest data point available in the respective database.**

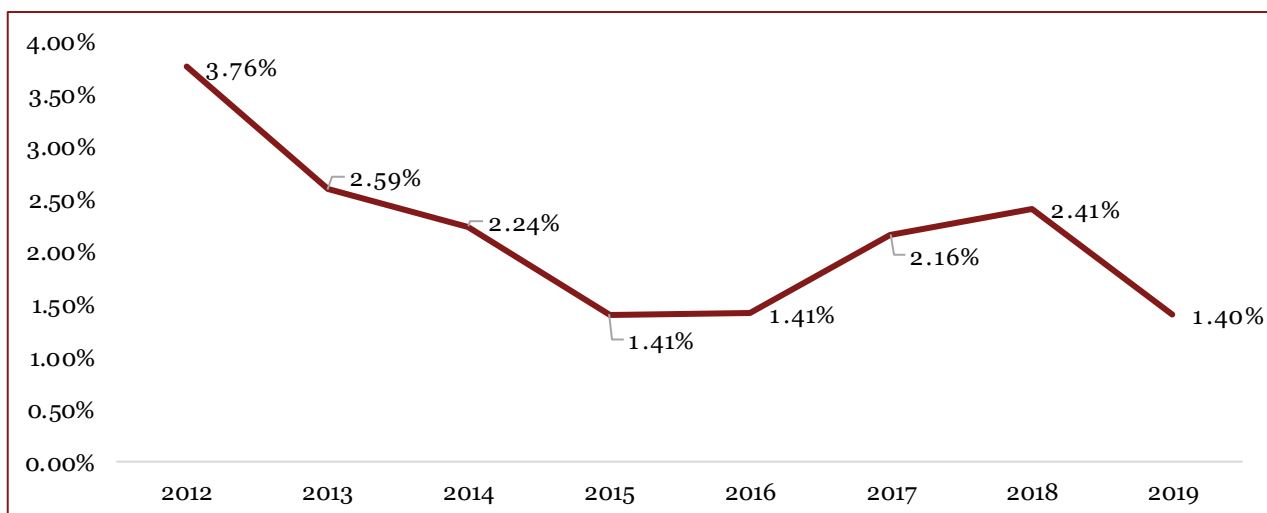
Figure 19: GDP of Laos



Source: World Bank; Trading Economic projections for 2019

The inflation rate for consumer prices in Laos moved over the past 29 years between 0.1% and 125.3%. For 2018, an inflation rate of 2.41%⁹⁴ was calculated. **Data used for the analysis is the latest data point available in the respective database.**

Figure 20: Inflation Trend of Laos



Source: World Bank

⁹⁴ <https://www.worlddata.info/asia/laos/inflation-rates.php>

The other broad level economic parameters of the country have been depicted below –

Table 16: Macro-economic Parameter of Laos

Macroeconomic Indicator	Description	Data Source
Unemployment	0.6%	The Heritage Foundation
FDI Inflow	USD 1.32 billion	The World Bank
Exports	USD 5.7 billion	ITC Trade Map
Imports	USD 6.1 billion	ITC Trade Map
Heritage Foundation's Index of Economic Freedom Rankings.	129	The Heritage Foundation
Cato Institute's Human Freedom ranking	123	Human Freedom Index Cato Institute
World Economic Freedom's Global Competitive Index Rating	113	Global Competitiveness Index 2019 rankings
WB Doing Business ranking	154	Doing Business 2020

Source: PwC Research

Private sector development and attraction of foreign direct investment (FDI) are among the Laos government's top priorities. The law on Investment Promotion allows both the local and foreign investors to play on level playing field with access to land, tax-incentives and eliminates local content-related investment requirements. Although, issues of governance, transparency and inadequate basic infrastructure remain among the key challenges, investors appreciate the government's efforts in improving the business environment. The Lao economy depends heavily on investment and trade with its neighbors, Thailand, Vietnam, and, especially in the north, China.

Post analysis of the broad macro-economy of Laos, analysis of the Vientiane Industrial and Trade Area have been provided below –

4.3.4.1. Vientiane Industrial and Trade Area

The Vientiane Industrial and Trade Area, established in 2009, located in Vientiane Capital had a total investment of USD 43,000,000 and is spread over an area of 271 acre. It is developed by both Government and Private sector. The project site is located 22 km from the center of Vientiane Capital. Various investment projects in this Industrial and Trade area are: Industries (Textile, Shoe, Cloth, Bicycle, Electronic Parts Manufacturing Plant), Commerce (Retail Store, Trade Center, Commercial Building) and Services (Training Center, School, Hospital, Hotel).

Figure 21: Vientiane Industrial and Trade Area



A detailed profiling of the zone is provided below –

Table 17: Vientiane Industrial and Trade Area

Factors	Vientiane Industrial and Trade Area
Site	
Year of establishment/Start year of operations	It was established in 2009
Land Size (acres)	272 acres
Number of Plots/Units/Firms	Plots of variable sizes are available; however, the exact number of plots have not been demarcated 53 firms have invested in the zone; about 45 of them have started operations
No. of Development Phases	The development has been carried out over a period of time but in single phase
Land Lease (+length) or Sale (Taka/USD)	Industrial land lease rent in the area varies between USD 0.3-0.72 m ² /year (BDT 25.5-61.2/m ² /month) ⁹⁵ and lease tenure is for 75 years
Pre-Built Factories (PBF) (Y/N)	No, pre-Built Factories are not provided as a part of the product offering
Lease Rate for PBF (Taka/USD)	Lease rate for PBF is not applicable since PBFs are not a part of the product offering
Infrastructure/Utilities	
Onsite Independent Power (Y/N and Type)	No onsite captive power plant available for the special economic zone. Power can be sourced from built substation capacity of 110 MVA – 30 MW

⁹⁵ Source: <http://www.investlaos.gov.la/index.php/where-to-invest/special-economic-zone?start=4>

Factors	Vientiane Industrial and Trade Area
Cost of Power (Taka/USD)	Cost of power in the zone is USD 0.059 – 0.065/KwH (BDT 5.01-5.52/KwH) ⁹⁶
Cost of Water (Taka/USD)	Cost of water in the zone is USD 0.25 - 0.35 /m ³ (BDT 21.24-29.73/m ³) ⁹⁷
Onsite Wastewater Treatment Plant (Y/N)	No, there is no onsite water treatment plant ⁹⁸ . Sewage capacity is provided built with capacity of 3,000 m ³ /day for stage 1 and 10,000 m ³ /day for stage 2 ⁹⁹ .
Transport costs	
Cost of shipping 20-foot FCL container ¹⁰⁰	The approximate shipping charges of a 20-foot FCL Container from the nearest port are as follows: <ul style="list-style-type: none"> • Hamburg – Hai Phong → USD 1,685-1,862 • Rotterdam – Hai Phong → USD 1,668-1,844 • Antwerp – Hai Phong → USD 1,701-1,880 • New York – Hai Phong → USD 1,722-1,903
Cost of Labour (Taka/USD)	
Management	The salary of management professional is approximately USD 1,148/month (BDT 97,519/month) ¹⁰¹
Technicians	The salary of a technician is approx. USD 584/month (BDT 49,608/month) ¹⁰²
Skilled	The cost of skilled labour is approximately USD 300-400/month (BDT 25,484-33,979/month) ¹⁰³
Unskilled	The cost of an unskilled laborer is approximately USD 132/month (BDT 11,113/month) ¹⁰⁴
Sectors	
Type of Sectors within the Zone	Food & Agro-based products, textile, garment, leather, gems and jewelry, automotive, machinery and parts, electrical appliances and electronics, medicine, logistics ^{105 106}
Special Regime	
Yes/No	Yes, there's a special regime for incentives
Fiscal Incentives	
Customs Duties	<ul style="list-style-type: none"> • Exemption of customs duties and VAT on Importation of raw materials, construction materials and Equipment to be used for Processing¹⁰⁷ • Tax-free zone for all import and export duties ¹⁰⁸ • VAT 0% upto 10 years
Corporate Taxes / Indirect Taxes	<ul style="list-style-type: none"> • Zero company profit tax through the first 10 profitable years • Only 8% company profit tax after exemption years • Tax rebates on material supply by local suppliers to the zone • Only 5% company bonus tax for companies with two or more stakeholders (after exemption years)

⁹⁶ Source: <http://investlaos.gov.la/where-to-invest/provinces/vientiane-capital/>

⁹⁷ Source: <http://investlaos.gov.la/where-to-invest/provinces/vientiane-capital/>

⁹⁸ Source: https://www.jetro.go.jp/ext_images/world/asia/la/sezinfo/vitaparkpdf.pdf

⁹⁹ Source: https://www.jetro.go.jp/ext_images/world/asia/la/sezinfo/vitaparkpdf.pdf

¹⁰⁰ Source: <https://worldfreightrates.com/freight>

¹⁰¹ Source: <http://www.salaryexplorer.com/salary-survey.php?loc=117&loctype=1>

¹⁰² Source: <http://www.salaryexplorer.com/salary-survey.php?loc=117&loctype=1>

¹⁰³ Source: https://www.jetro.go.jp/ext_images/world/asia/la/sezinfo/vitaparkpdf.pdf, Page 27

¹⁰⁴ Source: <https://www.aseanbriefing.com/news/laos-increases-minimum-monthly-wage-third-time-eight-years/>

¹⁰⁵ Source: https://www.laomoic.org/eriit/index.php?option=com_phocadownload&view=category&download=97%3Across-border-impacts-of-thai-sezs-on-lao-sezs-and-collaboration-in-the-midst-of-regional-integration&id=51%3Across-border-impacts-of-thai-sezs-on-lao-sezs-and-collaboration-in-the-midst-of-regional-integration&Itemid=59&lang=lo

¹⁰⁶ Source: <http://www.investlaos.gov.la/index.php/where-to-invest/special-economic-zone?start=4>

¹⁰⁷ Source: https://www.dfdl.com/wp-content/uploads/2016/05/4_DFDL_Presentation_Overview_of_Rules_and_Investment_Framework_for_Foreign_Investments_in_Laos_Vinay_Ahuja_Senior_Adviser_DFDL_190516.pdf

¹⁰⁸ Source: https://www.ide.go.jp/library/English/Publish/Download/Brc/pdf/06_chapter4.pdf

Factors	Vientiane Industrial and Trade Area
	<ul style="list-style-type: none"> Zero tax on the company's imported motor vehicles, equipment and administrative and building material
Income Tax on Profits	Profit tax exemption: 5-10 years, afterward 8% corporate profit tax will be applied ¹⁰⁹
Social Security Tax	No social security tax prevailing in Laos
No restrictions on Money Transfers	
Others	Dividend tax 0-10% (maximum rate), transaction tax (0-10%),
Non-Fiscal Incentives	
One Stop Shop Within the Zone	Yes, there is one stop shop proposed within the zone ¹¹⁰
Support Amenities	
Onsite Administration office	There is onsite administration office available within the zone
onsite convenience retail	There is onsite convenience retail available within the zone ¹¹¹
Onsite Housing	There is onsite housing available within the zone
Onsite Schools	There are onsite schools available within the zone
Onsite Community Facilities	There are onsite community facilities available within the zone
Onsite Security	There is onsite security available within the zone
Quality of Life	
International Housing (Within 15 Km)	There is no international housing facility available within 15 km radius of the EZ
International Hospital/Clinic (Within 20km)	Quality Hospital like Newlife hospital, Setthathirath hospital are available in close proximity to the zone
International Schools (Within 20 kms)	There are quality schools like International school of Laos, Viengsavanh school in close proximity to the zone

Source: PwC Research

Various sectors are present in this zone such as: Agricultural, fisheries, textile, garment, leather, gems and jewelry, automotive, machinery and parts, electrical appliances and electronics, medicine, logistics, industrial estates/zones. Close proximity to Vientiane Capital will provide good markets for these end products of these sectors.

¹⁰⁹ Source: https://www.dfdl.com/wp-content/uploads/2016/05/4_DFDL_Presentation_Overview_of_Rules_and_Investment_Framework_for_Foreign_Investments_in_Laos_Vinay_Ahuja_Senior_Adviser_DFDL_190516.pdf

¹¹⁰ Source: https://www.dfdl.com/wp-content/uploads/2016/05/4_DFDL_Presentation_Overview_of_Rules_and_Investment_Framework_for_Foreign_Investments_in_Laos_Vinay_Ahuja_Senior_Adviser_DFDL_190516.pdf

¹¹¹ Source: https://www.ide.go.jp/library/English/Publish/Download/Brc/pdf/o6_chapter4.pdf

4.4. Comparative Analysis

This section tries to capture a comparative analysis of specific comparative parameters between the EZ sites elaborated above and the proposed EZ in Jamalpur. Tables below provide an insight into macro-economic performance indicators of the countries which are home to the industrial parks shortlisted as benchmarking options to the proposed EZ in Jamalpur, Bangladesh. This comparison is important from the perspective of both local and international investors as they often take into consideration the macro-economic performance of countries to shortlist investment destinations in order to minimize risks to their investments and maximize their returns.

Table 18: Macro-Economic indicators (2019)

Country	GDP (USD billion)	GDP annual growth rate (%)	GDP per capita (USD)	Inflation Rate (%)	Unemployment Rate (%)	Population (million)
India	2,935.6	6.1	2,036.2	3.5	2.6	1,334.2
Sri Lanka	91.0	4.8	4,067.9	5.4	4.4	21.7
Bangladesh	317.5	7.8	1,744.5	5.6	4.3	164.9
Philippines	376.7	6.0	3,103.6	4.0	2.5	106.6
Laos	20.2	6.5	2720.3	1.4	0.6	6.8

Source: World Economic Forum; World Bank

Table 19: FDI indicators 2018

Country	FDI for 2018 (USD million)
India	42,117.5
Sri Lanka	1,610.5
Bangladesh	2,940.2
Philippines	9,832.3
Laos	1,320.0

Source: World Bank

Table 20: Heritage Foundation Score 2019

Country	Heritage Foundation Rating (global)	Individual country score	Score change	Freedom group ranking	Competitor's ranking
India	120	56.5	+1.3	Mostly unfree	3
Sri Lanka	112	57.4	+1.0	Mostly unfree	2
Bangladesh	122	56.4	+0.8	Mostly unfree	4
Philippines	70	64.5	+0.7	Moderately free	1
Laos	129	55.5	-1.9	Mostly unfree	5

Source: The Heritage Foundation

Table 21: Global Competitiveness Ranking 2019

Country	Global Competitiveness Ranking 2019	Country Score	Global Competitiveness Ranking 2018	Rank Change from 2018 to 2019
India	68	61.4	58	-10
Sri Lanka	84	57.1	85	+1

Country	Global Competitiveness Ranking 2019	Country Score	Global Competitiveness Ranking 2018	Rank Change from 2018 to 2019
Bangladesh	105	52.1	103	-2
Philippines	64	61.9	72	-8
Laos	113	50.1	112	-1

Source: World Bank

Table 22: Global Financial Market Development Ranking (World Economic Forum 2019)

Country	Financial Market Development Ranking
India	40
Sri Lanka	87
Bangladesh	106
Philippines	43
Laos	97

Source: World Economic Forum

Table 23: World Bank Doing Business Ranking 2020

Country	Ease of Doing Business Ranking 2020	Ease of Doing Business Ranking 2019	Rank Change from 2019 to 2020
India	63	77	+14
Sri Lanka	99	100	+1
Bangladesh	168	176	+8
Philippines	95	124	+29
Laos	154	154	0

Source: World Bank

Table 24: World Bank Doing Business Components 2019

Parameters	India	Sri Lanka	Bangladesh	Philippines	Laos
Starting Business	137	83	138	166	180
Dealing with Construction Permits	52	65	138	94	99
Getting Electricity	24	84	179	29	156
Registering Property	166	140	183	116	85
Getting Credit	22	124	161	184	73

Parameters	India	Sri Lanka	Bangladesh	Philippines	Laos
Protecting Minority Investors	7	38	89	132	174
Paying Taxes	121	141	151	94	155
Trading Across Borders	80	93	176	104	76
Enforcing Contracts	163	164	189	151	162
Resolving Insolvency	108	92	153	63	168

Source: World Bank

The comparative study done indicates that while Bangladesh is becoming more competitive at the global stage, it still lags behind the India, Sri Lanka and Philippines, but fares better than Laos in some parameters. Also, Bangladesh has recorded best GDP growth when compared to its peers. However, Bangladesh lags behind in terms of all other major macro-economic parameters like providing electricity and easy credit facility, registering of property, protecting minority investors and enforcing contracts.

BIDA has taken cognizant of the need to improve Bangladesh's ease of doing business rankings and has set a target of reaching double digit ranking by 2021 from its current rank of 168. Areas of improvement identified by BIDA are - Streamlining regularity service delivery in National Board of Revenue, Directorate of Environment, RAJUK, Courts, Export Promotion Bureau, Chief Controller of Imports and Exports, and other agencies in 11 thematic areas which are a part of Doing Business Components as listed in Table named "World Bank Doing Business Components 2019".

These initiatives could make Bangladesh a more competitive economy in future. Improvement in macro-economic scenario of Bangladesh would also need to be supported by the facilities and cost advantages being offered by proposed EZ in Jamalpur in order to attract investments. A comparative study of competing economic zones have been done on the next page to understand competitiveness of the proposed EZ in Jamalpur with respect to the benchmarked zones.

Table 25: Comparative Analysis

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
Site							
Land Size (acres)	402.66 acres	360 acres	343 acres	295 acres	261 acres	227 acres	271 acres
Business Model	Government (proposed)	Government	Private	Government	Government	Government	PPP
Number of Plots/Units/Firms	There are provisions of 256 plots as per the Master Plan	Fully developed plots of sizes varying from half-acre and above are available in the zone; however exact number of plots have not been demarcated There are 106 industrial units operating in the zone ¹¹²	Plots of variable sizes are available; however, the exact number of plots have not been demarcated. 13 firms are operational within the zone ¹¹³	Plots of variable sizes are available; however, the exact number of plots have not been demarcated. There are 173 operational industrial units in the zone ¹¹⁴	According to the existing master plan approx. 55 plots are present in zone There are 20 operational industrial units in the park ¹¹⁵	According to the existing master plan there are approximately 60 industrial plots within the zone ¹¹⁶ There are 23 operational industrial units in the zone ¹¹⁷	Plots of variable sizes are available; however, the exact number of plots have not been demarcated 53 firms have invested in the zone; about 45 of them have started operations

¹¹² Source: http://www.vsez.gov.in/vsez_admin__sez_units_view.aspx

¹¹³ Philippines Economic Zones Authority

¹¹⁴ Source: PEZA

¹¹⁵ Source: <http://www.investsrilanka.com/wp-content/uploads/2018/10/mirigama-epz.pdf>

¹¹⁶ Source: <http://www.investsrilanka.com/wp-content/uploads/2019/05/Koggala-Export-Processing-Zone.pdf>

¹¹⁷ Source: <https://www.lankabusinessonline.com/sri-lankas-koggala-epz-earns-usd122-mn-in-2017/>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
No. of Development Phases	The project is planned to be developed in two phases	The development has been carried out in three phases	The development has been carried out over a period of time through various stages.	The development has been carried out in a single phase	The development has been carried out over a period of time but in a single phase	The development has been carried out over a period of time but in a single phase	The development has been carried out over a period of time but in single phase
Land Lease (+length) or Sale (Taka/USD)	Land lease rental is BDT 13/ sq. ft. per annum (for 50 years) when BEZA develops the project and BDT 18/sq. ft. per annum (for 50 years) when PPP developer develops the project	Land lease for plots is USD 1.98 / sq.m. / annum (BDT 168.19/sq. m/annum) subject to upward revision by 10% every year ¹¹⁸	Land is available for both rent and lease within the EZ. The rental facilities are available at USD 1.47/m ² /month (BDT 124.99/m ² /month) for leasehold of land ¹¹⁹ .	Land is available for both rent and lease within the EZ at USD 0.73/m ² /month ¹²⁰ (BDT 62.01 /m ² /month)	The Board of Investment of Sri Lanka provides Land on lease basis, for lease period of 50 years. The upfront one-time land premium is USD 30,000 (BDT 2.55 Mn) and the land lease charged is USD 4,235 / acre / annum (BDT ~0.36 Mn/acre/annum) ¹²¹	The Board of Investment of Sri Lanka provides Land on lease basis, for lease period of 50 years. The upfront one-time land premium is USD 30,000 (BDT 2.55 Mn) and the land lease charged is USD 5,130 / acre / annum (BDT ~0.44 Mn/acre/annum) ¹²²	Industrial land lease rent in the area varies between USD 0.3-0.72 m ² /year (BDT 25.5-61.2/m ² /month) ¹²³ and lease tenure is for 75 years
Pre-Built Factories (PBF) (Y/N)	PFB is planned only in case of PPP developer	Yes, there are PBFs in the zone	Yes, pre-built factories are available	Yes, pre-built factories are	There are no PBF available as a part of the product offering	There are no PBF available as a part	No, pre-Built Factories are provided as a part

¹¹⁸ Source: http://www.vsez.gov.in/vsez_usp_infrastructure.aspx

¹¹⁹ Source: https://www.colliers.com/-/media/files/marketing%20reports/colliers_manila_industrial_q2_2018_final.pdf?la=en-gb

¹²⁰ Source: http://www.peza.gov.ph/issuances/mc/mc_2005-008.htm

¹²¹ Source: <http://www.investsrilanka.com/wp-content/uploads/2018/10/mirigama-epz.pdf>

¹²² Source: <http://investsrilanka.com/location/koggala-epz/>

¹²³ Source: <http://www.investlaos.gov.la/index.php/where-to-invest/special-economic-zone?start=4>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
	developing the project			provided as a part of the product offering		of the product offering	of the product offering
Lease Rate for PBF (Taka/USD)	Land lease rental for PFB is BDT 175/ sq. ft. per annum	Lease rentals for PBF is USD 15.85 /m ² /annum (BDT 1347/m ² /annum) subject to upward revision by 10% every year ¹²⁴	Lease rate for PBF is USD 4.98/m ² /month (BDT 423.43/m ² /month) for leasehold of standard factory buildings ¹²⁵ .	Lease rate for PBF varies from USD ~3.5-4/m ² /month (BDT 297-340/m ² /month)	There is no lease rate for PBF since PBF are not provided as a part of the product mix	There is no lease rate for PBF since PBF are not provided as a part of the product mix	Lease rate for PBF is not applicable since PBFs are not a part of the product offering
Infrastructure/ Utilities							
Onsite Independent Power (Y/N and Type)	Yes, there is provision for onsite power distribution through internal sub-stations of 33/11 KV and 132/33 KV	No onsite captive power plant available for the SEZ Power is supplied through a dedicated 132/33 KV sub-station by A.P. Transco	Yes, 2 onsite captive power plant available for the economic zone. Power is sourced from these 2 power plants having capacity of 52MW and 82 MW respectively. ¹²⁶	Yes, onsite captive power plant available for the economic zone	There is no onsite captive power plant available for the special economic zone	There is no onsite captive power plant available for the special economic zone	No onsite captive power plant available for the special economic zone. Power can be sourced from built substation capacity of 110 MVA – 30 MW
Cost of Power (Taka/USD)	Cost of power is BDT 8.97/ KwH	The cost of power as supplied by A.P.	Base industrial power tariff in	Cost of power in PEZA operated	For Industries with demand less than or	For Industries with demand less than	Cost of power in the zone is USD

¹²⁴ Source: http://www.vsez.gov.in/vsez_usp_infrastructure.aspx

¹²⁵ Source: https://www.colliers.com/-/media/files/marketing%20reports/colliers_manila_industrial_q2_2018_final.pdf?la=en-gb

¹²⁶ Source: <http://www.tecoindustrialpark.com/#map-box>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
		Transco is USD 0.082 / Kwh (BDT 6.97/Kwh) ¹²⁷ for High voltage and USD 0.089/Kwh (BDT 7.56/Kwh) ¹²⁸ for Low voltage	Philippines: USD 13.4 /kwh ¹²⁹ (BDT 1139.36/kwh)	zones is USD 0.11/Kwh ¹³⁰ (BDT 9.34/Kwh)	equal to 42 KVA the cost of power is as follows: <ul style="list-style-type: none"> • For consumption <301 Kwh, the tariff is USD 0.058/Kwh (BDT 4.93/Kwh)¹³¹ • For consumption >300 Kwh, the tariff is USD 0.065/Kwh (BDT 5.52/Kwh)¹³² For Industries with demand more than 42 KVA the cost of power is as follows:	or equal to 42 KVA the cost of power is as follows: <ul style="list-style-type: none"> • For consumption <301 Kwh, the tariff is USD 0.058/Kwh (BDT 4.93/Kwh)¹³⁶ • For consumption >300 Kwh, the tariff is USD 0.065/Kwh (BDT 5.52/Kwh)¹³⁷ For Industries with demand more than	0.059 – 0.065/Kwh (BDT 5.01-5.52/Kwh) ¹⁴¹

¹²⁷ Source: <http://www.tnec.gov.in/orders/Tariff%20Order%202009/2017/TariffOrder/TANGEDCO-11-08-2017.pdf>

¹²⁸ Source: <https://www.aptransco.co.in/transco/images/TO2020-21.pdf>

¹²⁹ Source: http://www.lantaugroup.hk/files/ppt_pgen15_sfi.pdf

¹³⁰ Source: <http://www.peza.gov.ph/index.php/2-uncategorised/30-cost-of-doing-business>

¹³¹ Source: <http://www.ceb.lk/for-your-business/>

¹³² Source: <http://www.ceb.lk/for-your-business/>

¹³⁶ Source: <http://www.ceb.lk/for-your-business/>

¹³⁷ Source: <http://www.ceb.lk/for-your-business/>

¹⁴¹ Source: <http://investlaos.gov.la/where-to-invest/provinces/vientiane-capital/>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
					<ul style="list-style-type: none"> • During peak hours, the tariff is USD 0.11/KwH (BDT 9.34/KwH)¹³³ • During daytime, the tariff is USD 0.059/KwH (BDT 5.01/KwH)¹³⁴ • During Off-peak, the tariff is USD 0.037/KwH (BDT 3.14/KwH)¹³⁵ 	<p>42 KVA the cost of power is as follows:</p> <ul style="list-style-type: none"> • During peak hours, the tariff is USD 0.11/KwH (BDT 9.34/KwH)¹³⁸ • During daytime, the tariff is USD 0.059/KwH (BDT 5.01/KwH)¹³⁹ • During Off-peak, the tariff is USD 0.037/KwH (BDT 3.14/KwH)¹⁴⁰ 	
Cost of Water (Taka/USD)	Cost of water is BDT 31.28/ m ³	The cost of industrial water is	The cost of industrial water is approx. USD	The cost of industrial water is approx. USD	The charge of industrial water is	The charge of industrial water is	Cost of water in the zone is USD 0.25 -

¹³³ Source: <http://www.ceb.lk/for-your-business/>

¹³⁴ Source: <http://www.ceb.lk/for-your-business/>

¹³⁵ Source: <http://www.ceb.lk/for-your-business/>

¹³⁸ Source: <http://www.ceb.lk/for-your-business/>

¹³⁹ Source: <http://www.ceb.lk/for-your-business/>

¹⁴⁰ Source: <http://www.ceb.lk/for-your-business/>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
		USD 0.95/ KL (BDT 80.70/KL) ¹⁴²	0.67/m ³ ^{143,144} (BDT 56.97/m ³)	0.72/m ³ ¹⁴⁵ (BDT 61.16/m ³)	USD 0.40/m ³ (BDT 34/m ³) ¹⁴⁶	USD 0.40/m ³ (BDT 34/m ³) ¹⁴⁷	0.35 /m ³ (BDT 21.24-29.73/m ³) ¹⁴⁸
Onsite Wastewater Treatment Plant (Y/N)	Yes, there is provision for wastewater treatment plan in the Master Plan of the proposed EZ	Yes, there is onsite wastewater treatment plant available within the SEZ	Yes, there is onsite wastewater treatment plant available within the IP ¹⁴⁹	Yes, there is onsite wastewater treatment plant available within the zone	There is a centralized wastewater treatment plant indicated in the master plan lay out	Yes, there is centralized wastewater treatment facilities available	No, there is no onsite water treatment plant ¹⁵⁰ . Sewage capacity is provided built with capacity of 3,000 m ³ /day for stage 1 and 10,000 m ³ /day for stage 2 ¹⁵¹ .
Transport Costs							
Cost of shipping 20-foot FCL container	The approximate shipping charges of a 20-foot FCL Container from	The approximate shipping charges of a 20-foot FCL Container from the	The approximate shipping charges of a 20-foot FCL Container from	The approximate shipping charges of a 20-foot FCL Container from Cebu port are as follows:	The approximate shipping charges of a 20-foot FCL Container from the nearest port are as follows:	The approximate shipping charges of a 20-foot FCL Container from the nearest port are as follows:	The approximate shipping charges of a 20-foot FCL Container from the nearest port are as follows:

¹⁴² Source: <http://www.mepz.gov.in/tariff.html>

¹⁴³ Note: As of December 31, 2018; exchange rate: 0.01897

¹⁴⁴ Source: <http://www.mayniladwater.com.ph/news-article.php?id=734>

¹⁴⁵ Source: <http://www.peza.gov.ph/index.php/2-uncategorised/30-cost-of-doing-business>

¹⁴⁶ Source: <http://investsrilanka.com/location/mirigama-epz/>

¹⁴⁷ Source: <http://investsrilanka.com/location/koggala-epz/>

¹⁴⁸ Source: <http://investlaos.gov.la/where-to-invest/provinces/vientiane-capital/>

¹⁴⁹ Source: <http://www.tecoindustrialpark.com/#adv-box>

¹⁵⁰ Source: https://www.jetro.go.jp/ext_images/world/asia/la/sezinfo/vitaparkpdf.pdf

¹⁵¹ Source: https://www.jetro.go.jp/ext_images/world/asia/la/sezinfo/vitaparkpdf.pdf

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
	<p>the nearest port are as follows:</p> <ul style="list-style-type: none"> • Rotterdam – Mongla → USD 651-1159¹⁵² • Hamburg – Mongla → USD 650-1050¹⁵³ • Antwerp – Mongla → USD 651-1159¹⁵⁴ • New York – Mongla → USD 1,585-3,264¹⁵⁵ 	<p>nearest port are as follows:</p> <ul style="list-style-type: none"> • Hamburg – Port of Vizag → USD 1,676-1,852 • Rotterdam – Port of Vizag → USD 1,660-1,834 • Antwerp – Port of Vizag → USD 1,692-1,870 • New York – Port of Vizag → USD 1,804-1,994 	<p>Surabaya port are as follows:</p> <ul style="list-style-type: none"> • Hamburg – Port of Surabaya → USD 665 - 736 • Rotterdam – Port of Surabaya → USD 659 - 729 • Antwerp – Port of Surabaya → USD 672 - 743 • New York – Port of Surabaya → USD 2,077 - 2,296¹⁵⁶ 	<ul style="list-style-type: none"> • Hamburg – Cebu port → USD 1,700 - 1,879 • Rotterdam – Cebu port → USD 1,684 - 1,861 • Antwerp – Cebu port → USD 1,716 - 1,897 • New York – Cebu port → USD 1,738 - 1,921¹⁵⁷ 	<ul style="list-style-type: none"> • Hamburg – Colombo port → USD 1,604-1,774 • Rotterdam – Colombo port → USD 1,588-1,755 • Antwerp – Colombo port → USD 1,619-1,789 • New York – Colombo port → USD 2,156-2,384 	<ul style="list-style-type: none"> • Hamburg – Hambantota port → USD 650-1,050 • Rotterdam – Hambantota port → USD 650-1,160 • New York – Hambantota port → USD 800-1,914 	<ul style="list-style-type: none"> • Hamburg – Hai Phong → USD 1,685-1,862 • Rotterdam – Hai Phong → USD 1,668-1,844 • Antwerp – Hai Phong → USD 1,701-1,880 • New York – Hai Phong → USD 1,722-1,903

¹⁵² Source: <https://www.freightos.com/portfolio-items/freight-rate-calculator-free-tool/>

¹⁵³ Source: <https://www.freightos.com/portfolio-items/freight-rate-calculator-free-tool/>

¹⁵⁴ Source: <https://www.freightos.com/portfolio-items/freight-rate-calculator-free-tool/>

¹⁵⁵ Source: <https://www.freightos.com/portfolio-items/freight-rate-calculator-free-tool/>

¹⁵⁶ Source: <https://worldfreightrates.com/freight>

¹⁵⁷ Source: <https://worldfreightrates.com/freight>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
Cost of Labor (Taka/USD)							
Management	The salary of a management professional is approximately USD 533/month ¹⁵⁸ (BDT 45,277/month)	The salary of a manager in Vishakhapatnam is approx. USD 662/month (BDT 56,235/month) ¹⁵⁹	The salary of a management professional is approximately USD 2,298.08/month ¹⁶⁰ (BDT 195398.64/month)	The salary of a management professional is approximately USD 2,188/month ¹⁶¹ (BDT 185,863/month)	The average salary for a manager is approx. USD 1,000/month (BDT 84,947/month) ¹⁶²	The average salary for a manager is approx. USD 800/month (BDT 67,957/month) ¹⁶³	The salary of management professional is approximately USD 1,148/month (BDT 97,519/month) ¹⁶⁴
Technicians	The salary of a technician is approx. USD 403 / month ¹⁶⁵ (BDT 34,223/month)	The salary of an entry-level engineer in Vishakhapatnam is approx. USD 340 / month (BDT 28,882/month) ¹⁶⁶	The salary of a technician is approximately USD 991.5/month ¹⁶⁷ (BDT 84304.18 /month)	The salary of a technician is approximately USD 725/month ¹⁶⁸ (BDT 61,586/month)	The average salary for a technician is approx. USD 320/month (BDT 27,183/month) ¹⁶⁹	The average salary for a technician is approx. USD 280/month (BDT 23,785/month) ¹⁷⁰	The salary of a technician is approx. USD 584/month (BDT 49,608/month) ¹⁷¹

¹⁵⁸Source: <http://www.averagesalariesurvey.com/bangladesh>

¹⁵⁹ Source: <https://www.payscale.com/research/IN/Location=Visakhapatnam-Andhra-Pradesh/Salary>

¹⁶⁰ Source: <https://www.averagesalariesurvey.com/philippines>

¹⁶¹ Source: <https://www.averagesalariesurvey.com/philippines>

¹⁶² Source: <http://investsrilanka.com/location/mirigama-epz/>

¹⁶³ Source: <http://investsrilanka.com/location/koggala-epz/>

¹⁶⁴ Source: <http://www.salaryexplorer.com/salary-survey.php?loc=117&loctype=1>

¹⁶⁵Source: <http://www.averagesalariesurvey.com/bangladesh>

¹⁶⁶ Source: <https://www.payscale.com/research/IN/Location=Visakhapatnam-Andhra-Pradesh/Salary>

¹⁶⁷ Source: <https://www.averagesalariesurvey.com/philippines>

¹⁶⁸ Source: <https://www.averagesalariesurvey.com/philippines>

¹⁶⁹ Source: <http://investsrilanka.com/location/mirigama-epz/>

¹⁷⁰ Source: <http://investsrilanka.com/location/koggala-epz/>

¹⁷¹ Source: <http://www.salaryexplorer.com/salary-survey.php?loc=117&loctype=1>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
Skilled	The salary of a skilled labourer is approximately USD 107.25 / month ¹⁷² (BDT 9,110/month)	The salary of a skilled laborer in Andhra Pradesh is approx. USD 175/month (BDT 14,866/month) ¹⁷³	The salary of a skilled labour in Philippines is USD 480/month ¹⁷⁴ (BDT 40812.92/month)	The minimum wage of a labourer was USD 255/month ¹⁷⁵ (BDT 21,661/month)	The average salary for a skilled labour is approx. USD 128/month (BDT 10,874/month) ¹⁷⁶	The average salary for a skilled labour is approx. USD 112/month (BDT 9,514/month) ¹⁷⁷	The cost of skilled labour is approximately USD 300-400/month BDT 25,484-33,979/month) ¹⁷⁸
Unskilled	The salary of an unskilled labourer is approx. USD 56/month ¹⁷⁹ (BDT 4,757/month)	The salary of an unskilled labourer in Andhra Pradesh is approx. USD 122/month (BDT 10,364/month) ¹⁸⁰	The minimum wage of a labourer is USD 306/month ^{181,182} (BDT 26018.23/month)	The minimum wage of a labourer USD 134/month ¹⁸³ (BDT 11383/month)	The average salary for an un-skilled labour is approx. USD 84/month (BDT 7,136/month) ¹⁸⁴	The average salary for an un-skilled labour is approx. USD 80/month (BDT 6,796/month) ¹⁸⁵	The cost of an unskilled laborer is approximately USD 132/month (BDT 11,113/month) ¹⁸⁶

¹⁷² Source: <http://www.averagesalarysurvey.com/bangladesh>

¹⁷³ Source: [http://labour.ap.gov.in/ELabour/Documents/MinimumWages/12/1any%20manufacturing%20\(1\).pdf](http://labour.ap.gov.in/ELabour/Documents/MinimumWages/12/1any%20manufacturing%20(1).pdf)

¹⁷⁴ Source: <https://dlca.logcluster.org/display/public/DLCA/3.4+Philippines+Manual+Labor+Costs>

¹⁷⁵ Source: <http://www.peza.gov.ph/index.php/2-uncategorised/30-cost-of-doing-business> (average of minimum daily wage considered for NCR Region Non-agriculture; 24 days per month)

¹⁷⁶ Source: <http://investsrilanka.com/location/mirigama-epz/>

¹⁷⁷ Source: <http://investsrilanka.com/location/koggala-epz/>

¹⁷⁸ Source: https://www.jetro.go.jp/ext_images/world/asia/la/sezinfo/vitaparkpdf.pdf, Page 27

¹⁷⁹ Source: <http://www.averagesalarysurvey.com/bangladesh>

¹⁸⁰ Source: [http://labour.ap.gov.in/ELabour/Documents/MinimumWages/12/1any%20manufacturing%20\(1\).pdf](http://labour.ap.gov.in/ELabour/Documents/MinimumWages/12/1any%20manufacturing%20(1).pdf)

¹⁸¹ Source: <https://tradingeconomics.com/philippines/minimum-wages> (added minimum wage of a labour in Philippines)

¹⁸² Note: As of December 31, 2018; exchange rate: 0.018

¹⁸³ Source: <https://nwpc.dole.gov.ph/stats/current-statistics-on-wages/> (minimum daily wage considered for Region II Non-agriculture; 24 days per month)

¹⁸⁴ Source: <http://investsrilanka.com/location/mirigama-epz/>

¹⁸⁵ Source: <http://investsrilanka.com/location/koggala-epz/>

¹⁸⁶ Source: <https://www.aseanbriefing.com/news/laos-increases-minimum-monthly-wage-third-time-eight-years/>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
Sectors							
Type of Sectors within the Zone	Agro-based, Food & Beverages, Electrical and Electronics, Leather and Leather products, Chemicals and Pharmaceuticals	Textiles & RMG, Food & Agro processing, Chemicals, Pharmaceuticals, Light machinery, Paper products, IT/ITES ¹⁸⁷	Sectors include Electronics, power generation and distribution, paper manufacturing, engineering, fabrication and construction services, manpower services, food processing	Food & Beverages, Electrical machineries, Chemicals, Furniture, Basic metals, Leather, Light engineering, Plastic & Rubber, Textiles & RMG, Real Estate	Chemicals, Textiles & RMG, Machinery and Equipment, Plastics, Paper and Paper board articles, Gems	Apparels, Textiles, Plastic and Rubber, Footwear, Light Engineering	Food & Agro-based products, textile, garment, leather, gems and jewelry, automotive, machinery and parts, electrical appliances and electronics, medicine, logistics ^{188 189}
Special Regime							
Special Regime (Yes/No)	Yes, there's a special regime for incentives	Yes, there's special regime for incentives	Yes, there's special regime for incentives	Yes, there's special regime for incentives	Yes, there's a special regime for incentives	Yes, there's a special regime for incentives	Yes, there's a special regime for incentives
Fiscal Incentives							
Customs Duties	<ul style="list-style-type: none"> Declaration of EZ as Ware housing Station- Duty 	Exemptions from customs duties and excise for import/procurement	The Philippines' customs levy no tariff or tax for goods worth less	The Philippines' customs levy no tariff or tax for goods worth less	<ul style="list-style-type: none"> Exemptions of Customs Duty on capital goods and raw materials. 	<ul style="list-style-type: none"> Exemptions of Customs Duty on capital goods and raw materials. 	<ul style="list-style-type: none"> Exemption of customs duties and VAT on Importation of raw materials,

¹⁸⁷ Source: http://www.vsez.gov.in/vsez_admin__sez_units_view.aspx

¹⁸⁸ Source: https://www.laomoic.org/erit/index.php?option=com_phocadownload&view=category&download=97%3Across-border-impacts-of-thai-sezs-on-lao-sezs-and-collaboration-in-the-midst-of-regional-integration&id=51%3Across-border-impacts-of-thai-sezs-on-lao-sezs-and-collaboration-in-the-midst-of-regional-integration&Itemid=59&lang=lo

¹⁸⁹ Source: <http://www.investlaos.gov.la/index.php/where-to-invest/special-economic-zone?start=4>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
	free import & Export of Raw material etc. <ul style="list-style-type: none"> • 100% duty free Import of Vehicle (One Car, One Microbus-2000 cc) • 100% VAT free Import of Machinery, Construction Materials 	of goods for development, operations and maintenance are applicable ¹⁹⁰	than PHP 10,000 (USD 200) Businesses operating in SEZs or free port zones are exempted from paying taxes and tariffs on imported raw material and manufacturing equipment ¹⁹¹	than PHP10,000 (USD 200). Businesses operating in Special Economic Zones (SEZs) or free port zones are exempted from paying taxes and tariffs on imported raw material and manufacturing equipment	<ul style="list-style-type: none"> • Non-export oriented companies are entitled to import project related capital goods free of Customs Duty. 	<ul style="list-style-type: none"> • Non-export oriented companies are entitled to import project related capital goods free of Customs Duty. 	construction materials and Equipment to be used for Processing ¹⁹² <ul style="list-style-type: none"> • Tax-free zone for all import and export duties¹⁹³ • VAT 0% upto 10 years
Corporate Taxes / Indirect Taxes	<ul style="list-style-type: none"> • Corporate income tax waiver for 12 years for developer • Corporate income tax 	There is no exemption from minimum alternate tax	In Philippines, the Corporate Income Tax Rate is 30% and is calculated on taxable profit ¹⁹⁴	In Philippines, the Corporate Income Tax Rate is 30% and is calculated on taxable profit	<ul style="list-style-type: none"> • Exemption of tax on dividends. • Minimum tax exemption of 4 to 11 years depending on the type of sectors 	<ul style="list-style-type: none"> • Exemption of tax on dividends. • Minimum tax exemption of 4 to 11 years depending on the type of sectors and 	<ul style="list-style-type: none"> • Zero company profit tax through the first 10 profitable years • Only 8% company profit

¹⁹⁰ Source: http://www.vsez.gov.in/vsez_wsp__sez_schme.aspx

¹⁹¹ Source: <https://www.aseanbriefing.com/news/2017/06/23/import-and-export-procedures-in-the-philippines-best-practices.html>

¹⁹² Source: https://www.dfdl.com/wp-content/uploads/2016/05/4_DFDL_Presentation_Overview_of_Rules_and_Investment_Framework_for_Foreign_Investments_in_Laos_Vinay_Ahuja_Senior_Adviser_DFDL_190516.pdf

¹⁹³ Source: https://www.ide.go.jp/library/English/Publish/Download/Brc/pdf/06_chapter4.pdf

¹⁹⁴ Source: <https://shieldgeo.com/payroll-and-tax-in-the-philippines/>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
	<p>waiver for 10 years for unit investors</p> <p>Exemption of VAT on local purchase excluding petroleum products; and on electricity and all utility services</p>				and percentage of exports.	percentage of exports.	<p>tax after exemption years</p> <ul style="list-style-type: none"> • Tax rebates on material supply by local suppliers to the zone • Only 5% company bonus tax for companies with two or more stakeholders (after exemption years) • Zero tax on the company's imported motor vehicles, equipment and administrative and building material
Income Tax on Profits	Corporate income tax waiver for 10	Exemption from payment of Income Tax on export income for the first 5 years, 50% for next	Tax incentives available to enterprises registered with the Philippine	Tax incentives available to enterprises registered with the Philippine Economic Zone	<ul style="list-style-type: none"> • Income tax exemption up to 5 years • Reduced rate after 5 years/ tax 	<ul style="list-style-type: none"> • Income tax exemption up to 5 years • Reduced rate after 5 years/ tax 	<ul style="list-style-type: none"> • Profit tax exemption: 5-10 years, afterward 8% corporate

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
	years for unit investors	five years and 50% of ploughed in profits for next 5 years ¹⁹⁵	Economic Zone Authority (PEZA) are as follows: <ul style="list-style-type: none"> 4 to 8 years income tax holiday. A 5% tax on the modified gross income is imposed after the end of the income tax holiday¹⁹⁶ 	Authority (PEZA) are as follows: <ul style="list-style-type: none"> 4 to 8 years income tax holiday A 5% tax on the modified gross income is imposed after the end of the income tax holiday 	holiday is levied at 12% to 28% depending on the income.	holiday is levied at 12% to 28% depending on the income.	profit tax will be applied ¹⁹⁷
Social Security Tax	No social security tax is available in Bangladesh	No social security tax is available in India	In Philippines, the social security tax is equivalent to 10.4% of a worker's monthly salary credit, which shared by: <ul style="list-style-type: none"> Employer contribution is 7.07% 	In Philippines, the social security tax is equivalent to 10.4% of a worker's monthly salary credit, which shared by: <ul style="list-style-type: none"> Employer contribution is 7.07% 	There is social security tax in Sri Lanka. The employer contributes 12% and the employee 8% of remuneration to the Employees Provident Fund (EPF). The	<ul style="list-style-type: none"> There is social security tax in Sri Lanka. The employer contributes 12% and the employee 8% of remuneration to the Employees 	No social security tax prevailing in Laos

¹⁹⁵ Source: http://www.vsez.gov.in/vsez_wsp__sez_schme.aspx

¹⁹⁶ Source: http://www.rd.go.th/publish/fileadmin/user_upload/AEC/AseanTax-Philippines.pdf

¹⁹⁷ Source: https://www.dfdl.com/wp-content/uploads/2016/05/4_DFDL_Presentation_Overview_of_Rules_and_Investment_Framework_for_Foreign_Investments_in_Laos__Vinay_Ahuja_Senior_Adviser_DFDL_190516.pdf

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
			<ul style="list-style-type: none"> Employer contribution is 7.07% Employee contribution is 3.33%¹⁹⁸ 	<ul style="list-style-type: none"> Employee contribution is 3.33% 	<p>employer also contributes 3% of employee remuneration to the Employee Trust Fund. Employees that have completed 5 years of service are entitled to a gratuity at the time of retirement at a rate of 50% of the last drawn salary multiplied by the number of years of service at the time of retirement.</p>	<p>Provident Fund (EPF). The employer also contributes 3% of employee remuneration to the Employee Trust Fund. Employees that have completed 5 years of service are entitled to a gratuity at the time of retirement at a rate of 50% of the last drawn salary multiplied by the number of years of service at the time of retirement.</p>	

¹⁹⁸ Source: <https://shieldgeo.com/payroll-and-tax-in-the-philippines/>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
No restrictions on Money Transfers	Full repatriation of capital invested from foreign sources is allowed by Bangladesh. Similarly, profits and dividend accruing to foreign investment may be transferred in full. If foreign investors reinvest their repatriable dividends and or retained earnings, those will be treated as new investment. Foreigners employed in Bangladesh are entitled to remit up to 50 percent	Profit and dividend earned from an Indian company are repatriable after payment of DDT. DDT @ 16.995% (inclusive of cess) is payable by the company (that declares dividend) on the amount of dividend distributed. However, dividend is free of Indian income tax in the hands of the recipient shareholders, Indian or foreign. Profit of LLP is flow-through and repatriable without payment of any taxes and without any regulatory approval ¹⁹⁹	No such incentives are prevailing in EZ	No such incentives are prevailing in EZ	Sri Lanka does not impose any restrictions on the repatriation of profits. The government allows 100% repatriation on earnings, fees and capital, and on foreign exchange transactions relating to current account payments.	Sri Lanka does not impose any restrictions on the repatriation of profits. The government allows 100% repatriation on earnings, fees and capital, and on foreign exchange transactions relating to current account payments.	

¹⁹⁹ Source: <http://www.dobusinessindia.in/repatriationoffund.php>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
	of their salary and will enjoy facilities for full repatriation of their savings and retirement benefits						
Others	Exemption from income tax on salary of expatriates, dividend tax and royalty, technical fees, local govt. tax, land development tax	Exemption from payment of service tax, Central Sales Tax, AP VAT, stamp duty and registration fee on registration of lease deeds, capital contribution charges for supply of water etc. ²⁰⁰	<ul style="list-style-type: none"> • Tax and duty-free import of capital equipment, spare parts and supplies • Tax and duty-free import of raw materials and supplies used in export • Zero VAT²⁰¹ 	<ul style="list-style-type: none"> • Tax and duty-free import of capital equipment, spare parts and supplies • Tax and duty-free import of raw materials and supplies used in export • Zero value-added tax 	Exemption of transfer charges on transfer of land	Exemption of transfer charges on transfer of land	Dividend tax 0-10% (maximum rate), transaction tax (0-10%),
Non-Fiscal Incentives							

²⁰⁰ Source: http://www.vsez.gov.in/vsez_usp__sez_schme.aspx

²⁰¹ Source: <https://hkmb.hktdc.com/en/1XOAAKZD/hktdc-research/The-Philippines-Special-Economic-Zones>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
One Stop Shop Within the Zone	Yes, there will be a one stop shop within the zone	Yes, there is one stop shop within the zone	Yes, there is One Stop Shop Within the Zone	Yes, there is one stop shop within the zone	Yes, there is a one stop shop within the zone	Yes, one stop shop is available within the zone	Yes, there is one stop shop within the zone
Support Amenities							
Onsite Administration office	Yes, there is provision for some of these elements in the Master Plan of the proposed EZ	There is onsite administration office available within the zone	There is onsite administration office available within the zone	There is onsite administration office available within the zone	There is onsite administration office available within the zone	There is onsite administration office available within the zone	There is onsite administration office available within the zone
Onsite Convenience Retail		There is onsite convenience retail available within the zone ²⁰²	There is onsite convenience retail available within the zone ²⁰³	There is convenience retail store available within the zone	There is no onsite convenience retail available within the zone	There is no onsite convenience retail available within the zone	There is onsite convenience retail available within the zone ²⁰⁴
Onsite Housing		There is no onsite housing available within the zone	There is no onsite housing available within the zone	There is no onsite housing available within the zone	There is no onsite housing available within the zone	There is no onsite housing available within the zone	There is onsite housing available within the zone
Onsite Schools		There are onsite schools available within the zone ²⁰⁵	There are no onsite schools available within the zone	There is no onsite school available within the zone	There are no onsite schools available within the zone	There are no onsite schools available within the zone	There are onsite schools available within the zone

²⁰² Source: <http://bitly.ws/7VJd>

²⁰³ Source: <https://bit.ly/2SYtouK>

²⁰⁴ Source: https://www.ide.go.jp/library/English/Publish/Download/Brc/pdf/o6_chapter4.pdf

²⁰⁵ Source: <https://www.playschoolworld.com/in/en/tamilnadu/Chennai/best-preschools-play-schools-in-mepz-tambaram>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
Onsite Community Facilities		There are community facilities available within the zone ^{206, 207}	There are no onsite community facilities available within the zone	There are no community facilities inside the zone	There are no onsite community facilities available within the zone	There are no onsite community facilities available within the zone	There are onsite community facilities available within the zone
Onsite Security		There is onsite security available within the zone.	There is onsite security available within the zone	There is onsite security available within the zone	There is onsite security available within the zone	There is onsite security available within the zone	There is onsite security available within the zone
Quality of Life							
International Housing (Within 15 Km)	There is no international housing facility available within 15 km radius of the EZ	There are housing facilities available within 15 kms from the zone	There is no international housing facility available within 15 km radius of the EZ	There is international housing facility available within 15 km radius of the EZ	There are housing facilities available in proximity to the zone; however international quality housing is not available	There are quality housing facilities available within 15 km from the export processing zone	There is no international housing facility available within 15 km radius of the EZ
International Hospital/Clinic (Within 20km)	There is basic healthcare facility available in the region which can be availed at various hospitals in Jamalpur	There are international hospitals such Homi Bhabha Cancer Hospital, Vishakha Steel Hospital, Apollo Hospitals etc. available in close	Quality hospitals like The Medical City Clark, St. Raphael Foundation and Medical Center, Our Lady of Mt. Carmel Medical Center etc. are available in close	There are superior quality hospitals such as Cebu Doctor's University Hospital available in close proximity to the zone	Superior quality hospital like Base Hospital, Sahanya Private Hospital etc. are present in proximity to the zone	There are quality hospitals near the zone such as Habaraduwa Hospital, Dr. G. R. A. De Silva Hospital etc.	Quality Hospital like Newlife hospital, Setthathirath hospital are available in close proximity to the zone

²⁰⁶ Source: <http://www.mepz.gov.in/otherInfra.html>

²⁰⁷ Source: <https://shodhganga.inflibnet.ac.in/bitstream/10603/191133/6/chapter%204.pdf>

Parameters	Jamalpur	Vishakhapatnam SEZ (India)	TECO Industrial Park (Philippines)	Mactan Economic Zone (Philippines)	Mirigama Export Processing Zone (Sri Lanka)	Koggala Export Processing Zone (Sri Lanka)	Vientiane Industrial and Trade area
	district of Mymensingh division.	proximity to the zone	proximity to the economic zone				
International Schools (Within 20 kms)	<p>There are no international schools available within 20 km radius.</p> <p>However, basic education facilities, polytechnic and degree colleges are available in Jamalpur district</p>	<p>There are quality schools like Visakha Valley School, St. Ann's High School etc. in close proximity to the zone</p>	<p>Singapore School Clark, Living Stone International School, Royal International School, American International Learning Academy are some of the educational institutes offering quality education facilities in close proximity to the zone²⁰⁸</p>	<p>There are superior quality schools such as The Newtown School of Excellence available in close proximity to the zone</p>	<p>Superior quality schools like D.S. Senanayaka Central College, Oxford International School etc. are present in proximity to the zone</p>	<p>There are international quality schools available within 15 km from the export processing zone such as Salahiya International School</p>	<p>There are quality schools like International school of Laos, Viengsavanh school in close proximity to the zone</p>






Source: PwC Analysis





²⁰⁸ Source: <https://bit.ly/2PoS2B5>

4.5. Key Takeaways

Some important features and best practices that were present across the benchmarked EZs which helped remain competitive and attract industrial tenants are as follows:

Table 26: Key Takeaways

	Location	<ul style="list-style-type: none"> • Location is one of the most important factors for any EZ. • The EZs used for benchmarking are successful EZs which are either located close to the capital city or major urban nodes or trade gateways which help in access to export/import opportunities, backward/forward linkages, major markets, social infrastructure and availability of human resources that will be employed. • The proposed EZ is 167 km away from industrial center of Bangladesh, i.e., Dhaka and 413 km away from commercial capital, Chattogram which are major markets in Bangladesh. This can act as a barrier for industrial growth. However, its proximity to Mymensingh might alleviate this effect to an extent.
	Multi-modal Connectivity	<ul style="list-style-type: none"> • The EZs location is chosen such that it is well connected via roads, railways, airports, seaports etc. to other main locations for ease of business and trade. • The proposed EZ at Jamalpur is well connected through different modes of transportation (road and rail); however, it is located at considerable distance from Mongla (~377 km) and Chittagong Port (~413 km).
	Access to Utilities	<ul style="list-style-type: none"> • Presence of Infrastructure/ Utilities such as Onsite Independent Power (at a competitive price), availability of water (at a competitive price) adds to the attraction of EZ. • In case of the proposed EZ, the nearest power source is ~5 km from proposed EZ and nearest water source is Brahmaputra river is adjacent to the proposed EZ. • Details of sourcing power and water is evaluated in the master planning stage
	Cost of Utilities	<ul style="list-style-type: none"> • Out of the competing EZs, cost of power is high in Bangladesh as compared to Philippines, India, Laos and Srilanka. • Cost of water is low in Srilanka and Laos, whereas it is high in India and Philippines as compared to Bangladesh. • Lower cost of utility shall result in reduced cost of manufacturing.
	Cost of Manpower	<ul style="list-style-type: none"> • Cost of labor (management, technicians, skilled and unskilled) should be competitive. The cost of labor when compared to other global EZs is very low.

		<ul style="list-style-type: none"> This shows that the proposed EZ has an edge and is very competitive when it comes to cost of labor.
	Cost of Transportation	<ul style="list-style-type: none"> For an EZ to be competitive globally, cost of transportation should be low. Comparison of cost of shipping a 20-foot FCL container from various locations indicates that transport cost to Bangladesh is lower as compared to the other competing EZs from India, Srilanka, Philippines and Laos Higher cost of transportation means increased manufacturing cost..
	Support Amenities	<ul style="list-style-type: none"> The benchmarking exercise demonstrates that EZs have support amenities such as Administration office, Convenience retail, Housing, Schools, Hospitals, Security etc. to support the people working and living in the EZ, and hence helps in attracting more investors. Thus, presence of similar facilities could be evaluated for the proposed EZ.
	Sustainability	<ul style="list-style-type: none"> Presence of an onsite wastewater treatment plant is a must-have for any EZ. Majority of the EZs used for benchmarking globally had these plants.
	Economic Competitiveness of Host Country	<ul style="list-style-type: none"> Out of the countries considered in this benchmarking exercise, India and Philippines have fared well in terms of FDI inflow, global competitiveness ranking, financial market development ranking, and in ease of doing business. Bangladesh is laggard in terms of these macro-economic and regulatory parameters. However, its robust growth in the recent years have outperformed most of its peers

Source: PwC Analysis

These notable best-practices and offerings can add to the potential of the proposed EZ from the perspective of attracting lucrative investments from reputed industrial houses and increase its demand. The same are kept in mind and incorporated in the master planning, and infrastructure assessment of the proposed EZ. **Basis the analysis done above, the proposed EZ is found to be competitive with respect to other EZs on majority of the comparative parameters.**

5. Industry Assessment

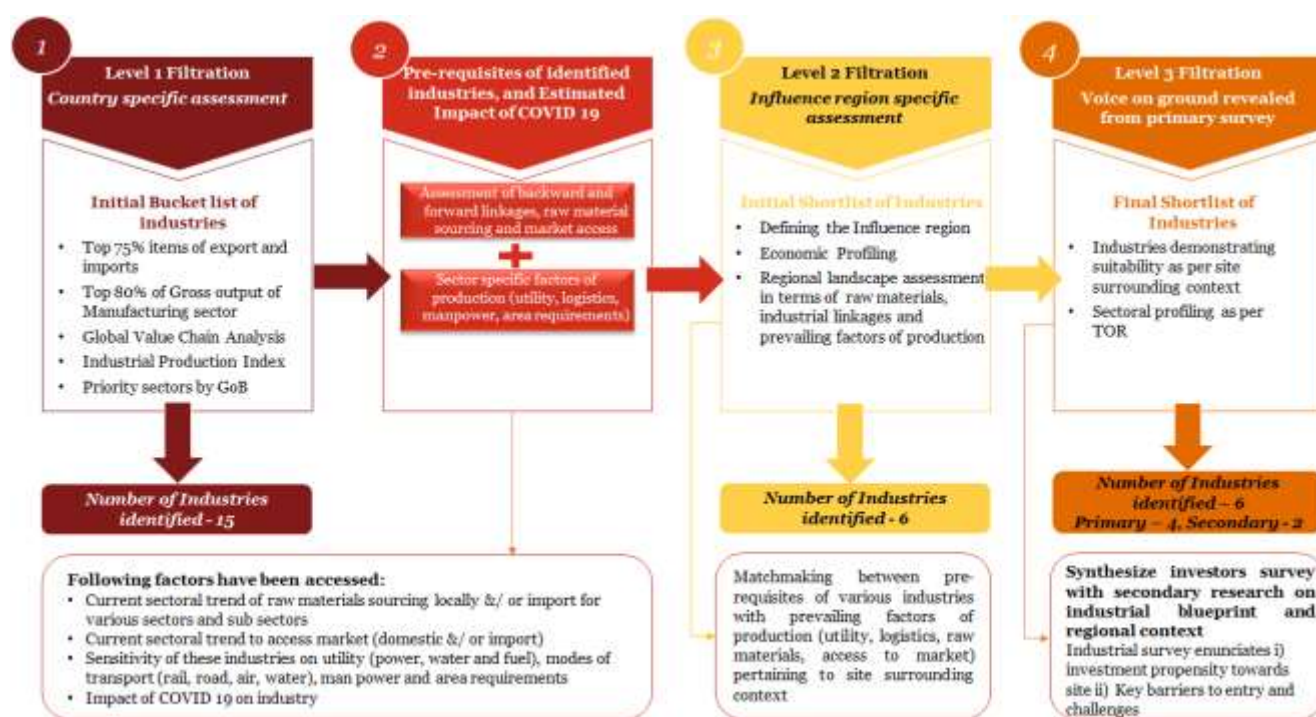
5.1. Key Objectives

Main objective of industry assessment is to identify site-specific best-fit industries which can be compatible with the local economy and existing supply chains of the region. Through this chapter, recent growth trends and policy support for various industries will be highlighted to draw attention to industry segments that are exhibiting significant development potential in Bangladesh. Local level infrastructural and manpower support, presently available and proposed plans, would be elaborated and site-specific suitability of various industries would be covered. Reference to insights obtained through primary survey have also been elucidated in this section. Further the results obtained from both primary (bottom-up) and secondary (top-down) studies would be synthesized to arrive at the final shortlist of industries for the proposed EZ. A detailed industrial profile would be undertaken for these target industrial sectors, covering typical land, power and water requirements, as well as, typical employment requirements for these sectors.

5.2. Framework of Industry Assessment

The process to arrive at the best-fit industrial mix that would be compatible in the context of the proposed EZ is a four-pronged approach covering macro level assessment of the country, which funnels down to site level and regional specific assessment, with validation from current manufacturers and members of various industrial associations.

Figure 22: Industry assessment framework



Source: PwC analysis

Level-1 and Level-2 filtrations delve into top-down assessment and are based on secondary research, whereas the findings from these two levels of filtrations are validated in the level-3 filtration (bottom-up assessment).

5.3. Industrial Sector Outlook Assessment of Bangladesh

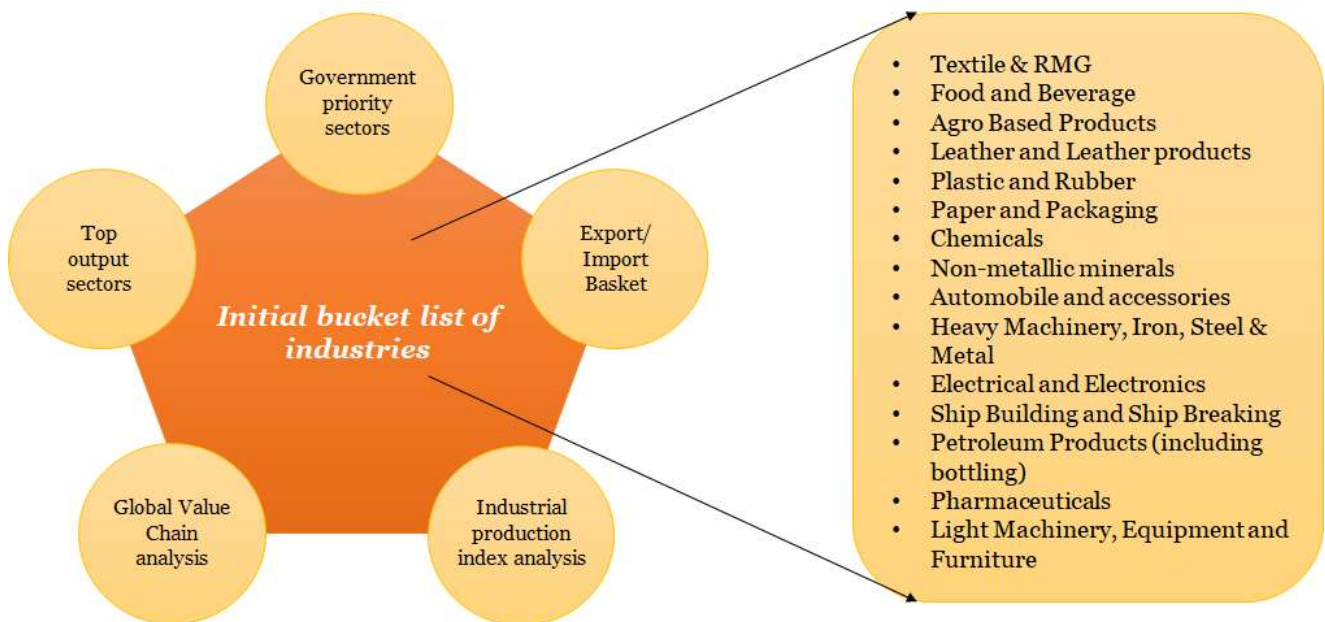
Bangladesh was world’s seventh fastest growing economy and textile & RMG industry has always been the primary industrial sector in the country.²⁰⁹ This sector formed 84.21% of the total export basket in 2018-19, providing employment to around 3.6 million people.²¹⁰ However, at the same time it also highlights the over reliance of Bangladesh’s exports on a single sector as growth engine of the export economy. There is a need to improve its manufacturing competencies in other sectors in order to make its economy resilient to possible sector specific disruptions due to automation, policy changes and increasingly competitive global scenarios. Export diversification is one of the cornerstones of the Government’s Seventh Five-Year Plan (FY 2016 to FY 2020).

For this engagement, in order to arrive at the potential industrial sectors which can be established at the proposed EZ, it is important to assess the following-

- Sectors contributing to top export and import basket of the country
- Traditionally dominant sectors in terms Gross Output of Manufacturing Sector
- Global Value Chain (GVC) analysis
- Index of Industrial Production analysis
- Priority sectors identified by the GoB

These parameters shall help understand at the country level, the dominant industries at present and the prospective industries which are going to come up in the future. Details of this assessment are provided in the annexure. Based on this assessment, an initial shortlist of industrial sectors was created by identifying those industries performing well across the parameters as highlighted above. The initial shortlist of industries is as mentioned below:

Figure 23: Initial shortlist of industries



Source: PwC analysis

All these sectors have either demonstrated sound growth or part of the priority sectors identified by the Government or are going to come up in the future.

²⁰⁹ International Monetary Fund

²¹⁰ Bangladesh Garments Manufacturers and Exporters Association

5.4. Outlook of Industrial Landscape in the Future

As mentioned earlier, Bangladesh has set forth an ambitious growth target of shaping up as a developed economy by 2041. However, it is imperative to mention that in the recent times, due to the COVID-19 outbreak, various disruptions in global supply chain and industrial linkages are taking place. A deep recession has loomed across the globe and UN trade agency highlights that COVID-19 is likely to cost economy USD 1 trillion during 2020. Bangladesh is no exception, RMG sector has already witnessed cancellation of orders around USD 3 billion from 1,059 Bangladeshi suppliers. This could result in employment loss of more than 1.44 million workers and export loss in the range of USD 4 billion.²¹¹

5.4.1. Impact of COVID-19 on the Initial Shortlist of Industries

Harvard Business Review (HBR) indicates that the largest 1,000 companies or their suppliers own more than 12,000 facilities in COVID quarantine areas. Since the past decade, China (the epicenter of COVID-19) has gradually established itself as the hub of electronics, technology products, industrial, and automotive manufacturing. China has placed itself as the second largest importer (USD 1.674 trillion in 2019) accounting for ~9.1% of global imports and largest exporter (USD 2.524 trillion in 2019) accounting for ~13.7% of global exports. COVID-19 will hinder this EXIM relationship between China and rest of the world. Bangladesh, owing to its import dependency on China is expected to suffer a massive slowdown in its industrial growth.

Industrial slowdown will directly impact supply chain, logistics, and shipping sector. Worldwide COVID-19 has disrupted supply chain of all commodities. HBR reviews indicate that COVID-19 has disrupted supply chains for nearly 75% of US companies. Baltic Dry Index (BDI) is down by 52% since December 2019. This steep fall in the BDI indicates substantial idle bulk shipping capacity.

While global economy is expected to contract by 2.2% in 2020 and this contraction would be highest in the G-20 economies.²¹² These G-20 nations are the primary market for the RMG sector of Bangladesh, which is the backbone of the economy. Anticipated landslide in RMG sector might create a cascading effect and as a result further creates impact on other industrial sectors. World Bank indices indicate that the regional growth of South Asia would decline to a range between 1.8% to 2.8% in 2020 (from 6.3% projected six months back). Although various fiscal stimulus has been declared to revive the economy, the growth forecast in the coming 2 years is bleak for the country. World Bank indices indicate that real GDP of Bangladesh is expected to grow at:

- 2% to 3% in 2020 (it was 8.2% in 2019)
- 1.2% to 2.9% in 2021
- 2.8% to 3.9% in 2022

World Bank also has estimated the industry growth rates for Bangladesh in between 2020, which are:

- ~2% in 2020 (from ~12.7% in 2019)
- ~3.5% in 2021
- ~6.1% in 2022

Recovery from this pandemic would take 3 to 4 years (at least) for the country. Bangladesh lacks indigenous production of raw materials and natural resources and the country is primarily import dependent on China and India. Apart from Textile & RMG and leather (constitute over 80% of export basket), all other sectors are domestic consumption oriented. Since the country is highly dependent on foreign trade, global slowdown will result in significant dip across the industrial sectors of the country.

²¹¹ PwC Research

²¹² World Economic Forum

In the following, a broad level assessment has been undertaken on the possible impact of COVID-19 across industrial sectors of the country.

Table 27: Industrial sector profiling and impact assessment due to COVID-19

Industrial sectors	Prevailing overview of the sector	Expected impact of COVID-19
Textile & RMG	<ul style="list-style-type: none"> The major industry, and the largest employer of the country Contributes more than 90% to the country's exports with exports worth ~41.5 billion USD in 2019. Industry has depicted growth rate of ~8% in the past and estimated to grow ~7% in the coming decade. 	<ul style="list-style-type: none"> Decrease in demand in western market will result in decreasing export of the industry More than 1 million jobs might be lost due to pandemic May generate disruption in the country's positioning as one of the market leaders in the industry
	4	4
Food and Beverage/ Agro based products	<ul style="list-style-type: none"> Majorly domestic consumption driven, with exports worth ~850 million USD (2019), and imports worth ~6.11 billion USD (2019). Dairy sector has shown ~13% growth in the last five years, and in near future, the industry is estimated to grow between 12-14% each year. Sea food industry is estimated to grow by ~5% in the coming five years. Less import dependency; quality vegetables/ fruits and food items are imported- however, the trend is declining 	<ul style="list-style-type: none"> Less impact envisaged as most of the industry is domestic consumption driven In short term, there might be impact due to decrease in consumption and declining spending propensity, and decline in exports (e.g. shrimp) In long term, industry should gain momentum as it caters to the "essential" product segment
	3	1
Leather and Leather Products	<ul style="list-style-type: none"> Another major industry in Bangladesh in addition to textile & RMG. Recorded exports worth ~508 million USD in 2019 and has depicted growth of ~10% annually in exports. The industry is rising rapidly and estimated to grow between 10-12% every year in the coming five years. 	<ul style="list-style-type: none"> Considerable impact considering the luxurious nature of leather products Decrease in demand in western market might result in dip in exports
	3	3
Plastic and Rubber	<ul style="list-style-type: none"> Majorly import dependent, and low domestic production Exports worth only ~125 million USD in 2019, while estimated domestic 	<ul style="list-style-type: none"> Medium impact, as industry acts as input to both essential and non-essential services industry (e.g. food as well as RMG)

Industrial sectors	Prevailing overview of the sector	Expected impact of COVID-19
	<p>market size of ~1 billion USD (as of 2018)</p> <ul style="list-style-type: none"> Imports for 2019 were recorded at ~433 million USD, much higher than exports in the same industry But exports are estimated to grow at 5-8% in the coming few years. 	<ul style="list-style-type: none"> Mostly consumption driven market, so domestic production will only be affected in short term. Imports might be impacted due to possible disruption of global supply chains
	1	2
Paper and Packaging	<ul style="list-style-type: none"> Domestic consumption driven industry. Recorded export worth ~20 million USD in 2019, while imports were recorded at ~683 million USD. Export of the product has demonstrated volatile growth rates in the past decade, and in short term exports will be impacted due to decrease in demand in downstream industries. 	<ul style="list-style-type: none"> Medium impact in short term due to decrease in demand from downstream industries. In long term, demand for paper might decrease due to shift of consumer base to digital platforms On the other side, packaging demand will likely to remain constant in long term
	2	1
Chemicals	<ul style="list-style-type: none"> Domestic consumption driven industry, with significant import dependency Domestic production is estimated to grow between 1-2% in the next five years. Import of ~835 million USD worth organic chemicals in 2019, while ~392 million USD worth inorganic chemicals were imported in the same year. 	<ul style="list-style-type: none"> High impact in short term as imports are affected and industrial needs getting depleted Low impact in long terms, as industrial production will continue once the pandemic recovers
	2	3
Non-metallic minerals	<ul style="list-style-type: none"> Majorly domestic consumption market driven industry. Exports are limited. Exports worth ~47 million USD in 2019, while imports were recorded at ~247 million USD in the same year. Volatile nature of exports with few years depicting growth in exports while few years decrease. Industry is estimated to grow north of ~10% in the coming five years. 	<ul style="list-style-type: none"> Low impact in long term due to nature of products, and demand for construction, real estate (major consumer industries) is likely to go back to normal in long term as pandemic recovers. In short term, there is significant dip in the demand for industry products (e.g. cement, ceramics, and glass), and hence considerable impact

Industrial sectors	Prevailing overview of the sector	Expected impact of COVID-19
	2	3
Automobiles and accessories	<ul style="list-style-type: none"> Domestic market consumption-based industry. Most of the domestically consumed materials is imported. Exports worth ~95 million USD in 2019, and it is estimated to grow north of 5% YOY in the coming five years. Imports were recorded worth ~1075 billion USD in 2019 	<ul style="list-style-type: none"> Low impacts in long term considering the nascent stage of development of industry in the country. Few assembly plants are closed amid lockdown, and hence decrease in domestic production in short term. Possible impact on domestic consumption market, as global supply chains (and hence production lines) are likely to be disrupted
Heavy Machinery, Iron, Steel and Metal	<ul style="list-style-type: none"> Import dependency, and low exports in the sector Domestic market is estimated to grow ~12-14% in the coming few years amid increase in demand in the sector. Exports worth ~49 million USD for heavy machineries in 2019, while for iron and steel worth ~32 million USD in the same year. Imports for heavy machinery recorded at 5.8 billion USD, while for steel and iron at 2.9 billion USD 	<ul style="list-style-type: none"> Low impacts in long term considering the nascent stage of development of heavy machinery industry in the country. Possible supply chain disruption due to impact on imports Decrease in domestic demand due to decrease in consumption power, lockdown and halt in infrastructure projects.
Electrical Electronics and	<ul style="list-style-type: none"> Majorly import dependent with imports worth ~3.24 billion USD in 2019, compared to exports worth only ~60 million USD Domestic market estimated to grow by ~7% in the coming few years. Presence majorly at manufacturing of cables, and less tech intensive electrical and electronics products. 	<ul style="list-style-type: none"> Decrease in consumption power in short term may impact the sales of electronics and electrical products. Most of the channels of sales will remain affected even if lockdown conditions are withdrawn thus putting a negative effect on new batches of production Disruption in supply chains will negatively impact the domestic

Industrial sectors	Prevailing overview of the sector	Expected impact of COVID-19
	1	<p>production through impact on export as well as import</p> <ul style="list-style-type: none"> In long term, the industry will likely to be very less impacted. <p>3</p>
Shipbuilding and Shipbreaking	<ul style="list-style-type: none"> Domestic consumption market driven industry, with dependency on imports Imports worth ~552 million USD in 2019 compared to exports worth only ~12 million USD. Presence of industry in the coastal regions such as Khulna, Bagerhat, and Chattogram districts. <p>2</p>	<ul style="list-style-type: none"> Demand might decrease slightly as global shipping lines and/ or local shipping lines shall face slowdown Since this sector is a traditional and saturated sector, much change might not happen Order books of the shipyards in the country should decline <p>1</p>
Petroleum Products (Including bottling)	<ul style="list-style-type: none"> Domestic market driven industry with currently dependent on majorly imports. Import worth ~4.38 billion USD in 2019, compared to exports worth only ~21 million USD. Industry estimated to grow between 6-8% in the coming few years. <p>2</p>	<ul style="list-style-type: none"> Decrease in domestic demand might impact on decrease in imports Decreasing oil prices might benefit country positively, and help other sectors to save significant costs of fuel Limited domestic refining capacity will impact the capacity of Bangladesh to take benefit from low oil prices, as it will have to import the refined oil from the international market. <p>3</p>
Pharmaceuticals	<ul style="list-style-type: none"> Domestic market as well as export-oriented industry Estimated to grow between ~13-15% in the coming five years. Imports worth ~267 million USD compared to exports worth ~37 million USD. <p>3</p>	<ul style="list-style-type: none"> High demand for pharmaceutical products in short as well as long term Development of local API park at Munshiganj will help Bangladesh to decrease imports of APIs and hence grow the domestic pharma industry due to increase in demand Very less/no impact of pandemic on this sector as it is an “essential” product related sector <p>1</p>

Industrial sectors	Prevailing overview of the sector	Expected impact of COVID-19
Light Machinery, Equipment and Furniture	<ul style="list-style-type: none"> Exports worth ~88 million USD compared to imports worth ~202 million USD in 2019 for furniture category. Industry is estimated to grow at ~5% in the next coming years due to rising domestic market. 	<ul style="list-style-type: none"> Decrease in demand in short term due to decrease in new infrastructure development, stalled industrial manufacturing and MSME operations. In long term, the industry will be less impacted, as demand is likely to come back to normal post the recovery from the pandemic.
	2	2
The details of Rating are as follows:		
0	Very Poor Condition	No/Minimal Impact
1	Poor Condition	Little Impact
2	Medium/Average Condition	Medium Impact
3	Above Average Condition	High Impact
4	Good Condition	Very High Impact

Source: PwC Research

Owing to COVID-19, disruptions have taken place across the industrial sectors in Bangladesh; however, this may also bring out certain opportunities. It is imperative that the country has been scouting for foreign investors and the EZ regime is also targeted to attract the foreign manufacturing players to set up their units in Bangladesh. The onset of USA-China trade war prompted a lot of foreign companies to migrate from China and shift to other South Asian locations. In order to reduce higher tariffs imposed by USA, many Chinese players are also relocating. In the post COVID era, multiple foreign players shall move out from China; recent news articles indicate that Japanese companies are being incentivized to move from China.

Bangladesh as an investment destination offers low cost of operations and low cost of human resources. During these uncertain times, the companies have to choose between opting for automation to reduce cost or to relocate to such locations which offer lower cost of manufacturing - Bangladesh is right suited for the same. In order to attract these foreign investors, the EZ regime should open up by offering better and additional fiscal incentive packages (such as higher tenure for corporate tax exemption, import duty waiver on used machineries).

5.4.2. Evolution of Industrial Outlook in the Future

While the impact of COVID-19 is expected to last for the coming 3-5 years, post which the industrial outlook shall improve. Keeping cognizance of the ulterior objective of GoB in shaping up the country as developed economy by 2041, in the long-run, Bangladesh should focus on Industry 4.0. The term Industry 4.0 encompasses a promise of new industrial revolution. It is the digital transformation of industrial markets; specifically manufacturing industry driven by four disruptions: the astonishing rise in data volumes, computational power, connectivity and business intelligence capabilities.²¹³ It takes the automation of manufacturing processes to a new level by introducing customized and flexible mass production technologies.

According to recent research study by McKinsey Global Institute, industries with highest potential for automation are manufacturing, accommodation, food services, transportation and warehousing. Experts forecast that

²¹³ McKinsey Publications

businesses will be able to increase their productivity by about 30% using Industry 4.0 by 2025.²¹⁴ Bangladesh being a developing economy depends on export of manufactured products to foreign countries. However, with the advent of industry 4.0 regime, manufacturing is becoming less labor intensive, which might create challenges for manufacturing industry in Bangladesh, which is majorly driven by cheap labor in the country. In light of Industry 4.0, it is pertinent for countries like Bangladesh, to do away with cheap labor being the primary driver of competitiveness and focus on infrastructure & logistics, research & development, and technology will be required to remain competitive in a changed industrial landscape. Therefore, it is imperative to develop the management of manufacturing and chain productions so that the efficiency would be substantially increased which is a strong indicator that Industry 4.0 is crucial for Bangladesh to move forward. Bangladesh needs the adaptation of Industry 4.0 not only to increase the industrial production but also to bolster the overall socio-economic growth.

Table 28: How Industry 4.0 shall change the outlook of industrial sectors by 2041

Industrial sectors	Solutions through Industry 4.0 (2041)
Textile & RMG	<ul style="list-style-type: none"> Automation technologies such as use of robots in the textile & RMG sector to reduce the cost of outsourcing production and logistics cost and decrease the turnaround time. Bangladesh needs to adapt to Industry 4.0 and need to focus on creating high value goods (from currently manpower oriented and focus on low value goods) through technology enablement.
Food and Beverage/ Agro based products	<ul style="list-style-type: none"> To remain competitive and to increase the production capacity in this sector, new technologies such as use IOT and smart manufacturing needs to be implemented in order to boost the production without raising costs. Although, Food and Beverage sector may not be completely ready to embrace the Industry 4.0, Bangladesh needs to invest in research and development of new technologies to differentiate a business amongst the competition.
Leather and Leather Products	<ul style="list-style-type: none"> By adopting new technologies and processes in tanneries, it will help to recycle and reduce the effluent discharges. Design of the leather products is a critical step in leather products manufacturing. Precision of the design of the leather products and quality of goods can be improved by adopting new technologies such as smart manufacturing in this sector to increase the export share of leather products.
Plastic and Rubber	<ul style="list-style-type: none"> With the help of integrative production technologies, Bangladesh can improve the production capacity with minimal increase in costs and reduce waste with efficient and flexible production cycles.
Paper and Packaging	<ul style="list-style-type: none"> Manufacturers in Bangladesh are investing in upgradation of technology to export quality papers in order export to global markets. Due to changing policies pressures and competition, this sector is changing rapidly. So, to remain competitive, this sector must innovate not only the products but also the manufacturing processes with automation and digitization which will benefit in terms of productivity, efficiency and quality.

Industrial sectors	Solutions through Industry 4.0 (2041)
Chemicals	<ul style="list-style-type: none"> • Deployment of connected systems and analytical models for predictive asset management. • Bangladesh can get ready for export-oriented manufacturing by streamlining the operations. Technologies such as AI, Robotics and additive manufacturing can be efficiently integrated to digital transform the operations in the chemical industry. • Smart techniques introduced by industry 4.0 can help this sector in enhancing productivity and aligning manufacturing operations.
Non-metallic minerals	<ul style="list-style-type: none"> • Issues such as rising costs, enormous energy consumptions and overall complexity can be reduced with the help of 4.0 techniques such predictive analytics maintenance, end-to-end optimization thereby improving operational efficiency and reducing operational costs.
Automobiles and accessories	<ul style="list-style-type: none"> • Technologies such as Machine learning and Advanced analytics help with greater connectivity with their automobiles, pushing the industry to evolve. • Bangladesh needs to focus on promotion of more research and development in the automobile sector and through induction of new technologies in the production lines.
Heavy Machinery, Iron, Steel and Metal	<ul style="list-style-type: none"> • Manufacturing can be done efficiently through Industry 4.0 concepts and new developed manufacturing techniques such as Smart factories and Smart manufacturing.
Electrical and Electronics	<ul style="list-style-type: none"> • Analytics platform across its facilities to reveal the amounts of waste they generate across utilities (water, electricity etc.). • Azure machine learning techniques in smart factories to detect and predict defects in machinery. This allows for predictive maintenance that can cut down on unexpected delays, which in turn helps in reduction of costs.²¹⁵ • Bangladesh needs to adapt to the global changes in Electrical and Electronics Industry as this field has a higher degree of digitization than any other industrial sector in the world. Investments in R&D, process developments and technology improvements to support the innovations in this sector to remain competitive in the market.
Shipbuilding and Shipbreaking	<ul style="list-style-type: none"> • Smart Ship building by introducing robotics, 3-D printing technology to increase the efficiency. • Bangladesh needs to focus on promotion of more research and development in this sector and through induction of new technologies in the production lines so as to reduce the production and operational cost and increase its production efficiency.

²¹⁵ nordcloud.com

Industrial sectors	Solutions through Industry 4.0 (2041)
Petroleum Products (Including bottling)	<ul style="list-style-type: none"> • Smart Sensors in the Oil refineries enhance the monitoring the safety and functionality of all processes. • Similar automation and digitization techniques in this sector such as Information Management systems etc. will play a crucial role in the upliftment of this sector.
Pharmaceuticals	<ul style="list-style-type: none"> • Implementing new industry 4.0 concepts in Pharma sector will provide in line and in-time control over the business, operations and quality.²¹⁶ Developing nations are currently working on APC strategies to implement in Pharma sector to improve the quality and production. • Similarly, Bangladesh should look upon new manufacturing techniques in this sector and train the manpower to build and help operate adopted technologies so as to improve the production and reduce risk and waste.
Light Machinery, Equipment and Furniture	<ul style="list-style-type: none"> • Bangladesh can be competitive in this sector by customized production by introducing industry 4.0 concepts such as Smart manufacturing into the production to achieve efficient production targets and quality products.

Source: PwC Research



Above discussions bring out the popular industrial sectors in Bangladesh context and how the future would shape up for these sectors. Following section delves into the holistic assessment of the region surrounding the proposed EZ to understand the suitability of the initial shortlist of industries in site surrounding context.

5.4.3. Key Areas to Focus for Bangladesh

As established in the earlier sections, the effect of this pandemic would be prolonged in case of industrial manufacturing sector. Although, sectors such as Food and Beverages, Agro-based products, and Pharmaceuticals are somewhat immune against this but on a broader spectrum, overall industrial growth is expected to be lower than previously optimistic growth rates projected in the pre-COVID era. In order to cope and emerge stronger economically, Bangladesh should focus on certain areas and define its strategy in both short and long term. The table below tries to highlight certain tactics (short term) and strategies (long term) which could help Bangladesh minimize the ill-effects of this pandemic on its economy.

²¹⁶ ispe.org

Table 29: Some key Short term and Long-term focus areas for Bangladesh

 <p>Tactics: Short Term</p>	 <p>Strategy: Long Term</p>
<ul style="list-style-type: none"> • Banking on its low factor costs of production, Bangladesh could promote itself as an alternate investment destination for foreign firms exiting China; it has been already confirmed that a large contingent of Japanese firms are being incentivized for moving their facilities out of China • In order to successfully lure these investors, Bangladesh has to upgrade its policies related to incentives, regulations etc. in lieu of becoming a more attractive investment destination as compared to India and other South east Asian economies • Ensure strict protocols for re-operationalization of identified industries. Some measures could be – <ul style="list-style-type: none"> ○ Factory disinfection plan ○ Product hygiene authentication ○ Equipment usage and safe distance support ○ Mandatory OD mapping and reporting of migrant workforce ○ Person to equipment mapping ○ Additional protocols for materials receipt at trade gateways • Developing a risk framework for opening up economy basis inherent nature of industries and COVID intensity in the region 	<ul style="list-style-type: none"> • In the long term, decision makers should evaluate impact of the pandemic on industries and sources of these impacts. For example, industries with high import dependence could look at alternate sources of supply which can even be domestic in nature • Re-evaluation of consumption dependence on manufacturing could also help in optimization of factors of production • Higher participation in Global Value Chain of high value products which could alleviate risks accrued due to sudden shocks such as the one at hand in future • Diversification of export basket and reduced dependency on the textile & RMG sector; it has already been realized that Bangladesh needs to reduce its disproportionate dependence on this sector, efforts towards achieving the same has also been started which should become more aggressive as the country emerges into the post-COVID era • Most importantly, a gradual shift from labor intensive production processes towards automation could hold the key for a bright future for the country as most developing economies are embracing such technologies to reduce human effort and improve production techniques.

Source: PwC Research

5.5. Regional Assessment

Regional assessment involves assessment of the region surrounding the proposed economic zone on various parameters which can supplement the development of an economic zone. Few of the such parameters are – agricultural and natural resources, human resource profiling in the region, industrial ecosystem in the region, and new key developments planned in the nearby areas.

The region here refers to the area which considers Jamalpur district (district in which a proposed EZ is located), and its nearby districts which can make direct impact on the EZ development. These districts are:

1. Mymensingh

2. Sherpur
3. Bogra
4. Gaibandha

Of the above four districts, Mymensingh and Sherpur districts form the part of Mymensingh division, and Bogra is part of Rajshahi division while the Gaibandha district is part of Rangpur division.

This section will attempt to understand the profile of the region and will assess the region for understanding the better industrial mix at the proposed economic zone. Few details about the districts in the influence region are as shown in Table 30:

Table 30: Key details about districts in the influence region

Sr. No	Name of the District	Area in Sq. Km	Population (2020, estimated) in Million	Per Capital GDP (Current USD) #	Average Consumption Expenditure (USD per Capita)
1	Mymensingh	4,394	5.67	1,475	826
2	Sherpur	1,365	1.50	1,553	660
3	Bogra	2,899	3.77	1,555	851
4	Gaibandha	2,179	2.64	1,315	691
5	Jamalpur	2,115	2.54	1,489	624

#-Estimated for 2018, the country's per capita GDP is for year 2018

Source: Lagging District Survey (LGED), Bangladesh Bureau of Statistics, and World Bank Database

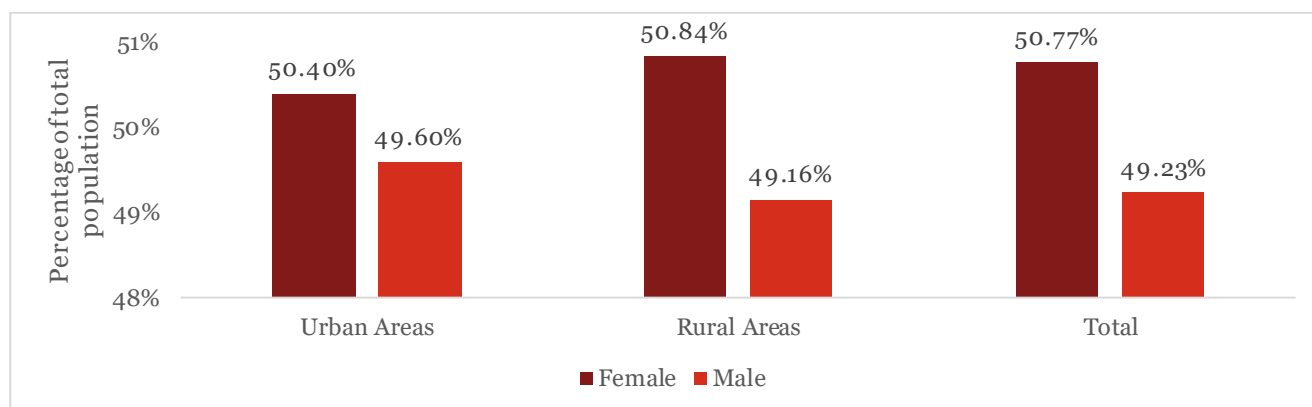
Mymensingh and Bogra districts, being larger in size compared to the rest of the districts, are observed to have higher population than other districts in the influence region. All the districts in the influence region are observed to have per capita income in the range of ~1300 to ~1600 USD per annum, while the per capita expenditure is observed to be in the range of ~600 to ~850 USD per annum. Mymensingh and Bogra are estimated to have average per capita expenditure at the higher end of this range is probably because of high rate of urbanisation in these districts.

5.5.1. Demographics of the Influence Region

Jamalpur district, located in the north of capital city Dhaka and part of the Mymensingh division is estimated to have ~2.5 million population in the district by 2020, and its share in the national population is estimated to be ~1.5%. The district has almost equitable population of both male and female, and considerable population of the district resides in the rural areas.

Graph depicted in Figure 24 tries to depict the gender wise population distribution in the district.

Figure 24: Gender wise Population Distribution in the District (2020 estimated)



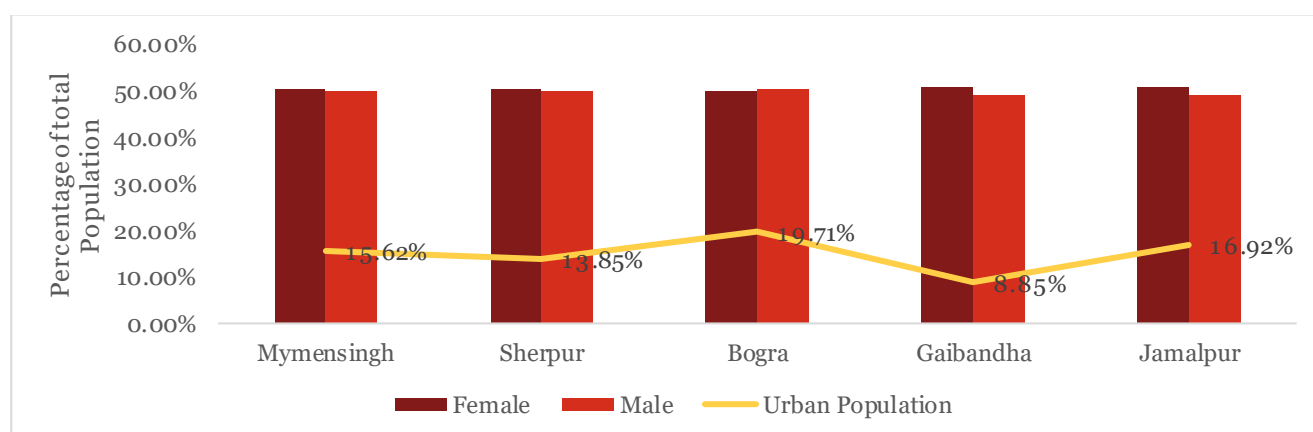
Note: The ratio is calculated on the basis of population estimated for 2020

Source: Population and Housing Census, Bangladesh Bureau of Statistics

It may be noted from Figure 24 that, proportion of female population in the rural as well as urban areas is higher compared to the male population, but the difference is marginal in both the cases.

Graph in Figure 25 depicts the gender wise distribution of population as well as population distribution by urban rural divide for all the districts which are part of the influence area.

Figure 25: Gender wise and Urban-Rural Distribution for Districts in influence region (2020 estimated)



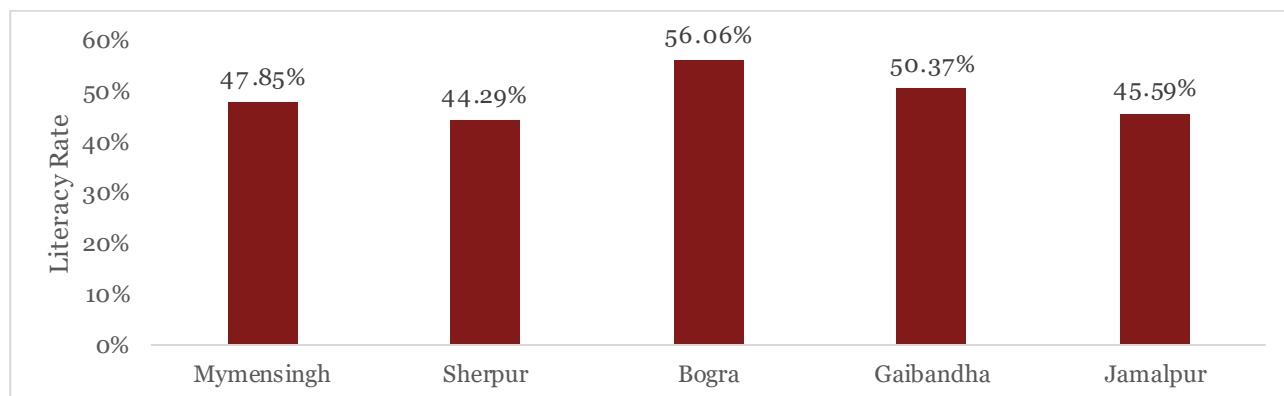
Note: The ratio is calculated on the basis of population estimated for 2020

Source: Population and Housing Census, Bangladesh Bureau of Statistics

Bogra, Jamalpur and Mymensingh have large share of population staying in the urban region, while Gaibandha district has only ~8.85% of its population staying in the urban areas. The male-female proportion is almost 50% in each district, and this equitable proportion of male-female population indicates the availability of labor for all types of industries in the district, be it female dominated textile and RMG industry, or male dominated heavy machineries and iron and steel industry.

For the assessment of compatibility of the domestic workforce with the industries planned in the economic zone, it is necessary to assess the quality of the domestic workforce. The quality of manpower is generally determined by the educational level, which is further generalized by the literacy rate. The literacy rate of the districts in the influence area is depicted in the Figure 26.

Figure 26: Literacy rate for population in the influence region (2020 estimated)



Note: The numbers are estimated for 2020, on the basis of latest results in last census.

Source: Population and Housing Census, Bangladesh Bureau of Statistics

Bogra and Gaibandha districts are estimated to have better literacy rate (>50%) in the influence region, while literacy rate in other districts such as Jamalpur and Sherpur is as low as ~45% and ~44%. It may be noted that literacy rate in all the districts is lower than the national average of ~74%, depicting the poor situation of educational infrastructure and hence educational awareness in the district.²¹⁷ This low literacy rate might cause problem for the proposed economic zone to get the skilled labor from the local market.

Most of the people residing in Jamalpur district are employed in wholesale and retail sector, followed by transportation and storage sector, and manufacturing sector. Similar trend is observed across other districts such as Bogra, Gaibandha and Sherpur, while in case of Mymensingh district, the manufacturing sector is the second most employer after wholesale and retail trade. Following observations can be made as per the economic census report about the distribution of employment in the influence region:

- The percentage of employable population employed in wholesale and retail trade varies between 35% to 45% for all the districts in the influence region, while the same share for transportation and storage sector is observed to be between ~25% to ~35% for Jamalpur, Bogra, Sherpur and Gaibandha district.
- Mymensingh is observed to have ~22% of employable population employed in manufacturing sector, while the same for other districts is observed to be varying between ~6% to ~18%.
- The contribution of other sectors such as accommodation and food services, education, and health is minimal compared to the employment offered by abovementioned sectors for all districts in the influence region.

Sourcing of Human Resources

It is important to have adequate training and educational infrastructure in the district in order to train the manpower. There are total 264 technical and vocational educational training institutions in the district. The following table depicts the number of TVET institutions in the district and their distribution as per the type of institutions.

Table 31: TVET Institutes in Jamalpur district

Type of Institute	Number of establishments
Polytechnic Institutes	6
HSC (Business Management)	34
Training Institute (Basic skill development)	69

²¹⁷ World Bank Database, Literacy rate for Bangladesh

Type of Institute	Number of establishments
Vocational Secondary Education	3
General Secondary School (Attached vocational education)	44
Institute of Medical Technology	4
Nursing Institute	1
Union Digital Centre (UDC)	55
Technical School and College	2
Office (Training)	6
Textile Vocational Institute	1
Fishery Training Institute	1
Agriculture Training Institute	1
Textile Institute	3
General Madrasa (Attached Vocational Education)	14
General HSC (Attached BM)	20
Total	264

Source: TVET Institution Census

The TVET institutions offer various trainings such as welding, plumbing, and carpentry, which can be directly used in the industry. These courses will help factories in proposed EZ to get workforce, while will also offer employment option to the local youth. Industries in the EZ can also collaborate with the TVET institutions for training purposes and new innovative and on demand courses may be started in the se TVET institutions through industry-academia collaboration.

The unskilled labor can be easily sourced from Jamalpur district and nearby regions of the influence area. Generally, in Bangladesh, unskilled labor is not a big challenge, as migration of unskilled labor is quite prevalent and widespread in the country. The only challenge is for skilled or semi-skilled labor, which can also be sourced from various TVET institutions in the district, and districts in the influence region. Development of economic zone in the district will also restrict the trend of people migrating from the district to the urban areas close to Dhaka and Chattogram in search of employment.

Districts in the influence region have dearth of skilled and educated labor, while the unskilled labor is available in abundance. Hence industries such as **textile and RMG, food and beverages, and leather and footwear** are better posed for development in these districts. Skill intense industries such as **electrical and electronics, and pharmaceuticals** can come up in the EZ given the special efforts taken for the improvement of skill level of the domestic population in the influence region, and skilled workforce from other urban centers is attracted to the EZ location by providing better social infra structure.

5.5.2. Access to Natural Resources

Natural resources are essential for the development of manufacturing industry, and hence access to them is one of the major criteria for the assessment of region and industry profile of the industrial hub.

5.5.2.1. Agricultural Resources

Jamalpur district is rich with the agricultural resources such as cereals, vegetables and fruits. Few of the agricultural products produced in the district are mostly distributed to the domestic market, while few of these

are also exported to the international market as well. Table 32 given below depicts the list of major crops grown in the influence region.

Table 32: Major crops in the influence region (fruits not included, 2019)

Sr. No.	Name of the District	Major Crops
1	Mymensingh	Paddy, Jute, Sugarcane, Wheat, Pulses, Betel leaf
2	Sherpur	Rice, Wheat, Jute, Pulses, Sugarcane
3	Bogra	Rice, Wheat, Maize, Pulses, Sugarcane, Ginger, Potato
4	Gaibandha	Rice, Jute, Wheat, Maize, ,Jute, Sugarcane, Potato,
5	Jamalpur	Rice, Jute, Sugarcane, Tobacco, Mustard, Wheat, Peanut, Pulses

Source: Agricultural Yearbook 2019, Bangladesh Bureau of Statistics

As depicted in the above table, Jamalpur district is rich in crops such as Rice, Jute, Sugarcane, Tobacco, Mustard, Wheat, Peanut, and Pulses. Table 33 depicts the production of major crops in Jamalpur district.

Table 33: Production of major crops in Jamalpur district (2019)

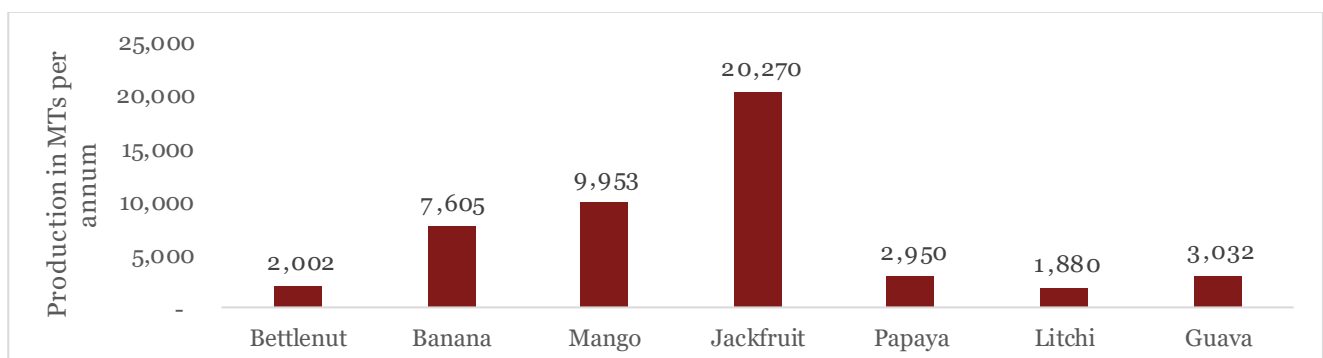
Sr. No.	Crop type	Area under cultivation in Ha	Production in MTs
1	Rice	234,043	766,717
2	Jute	37,143	441,486
3	Sugarcane	4,462	227,851
4	Wheat	4,114	12,148
5	Potato	427	3,983
6	Mustard	23,396	9,620
7	Peanut	1,306	1,220

#Unit in Bales

Source: Agricultural Yearbook 2019, Bangladesh Bureau of Statistics, data is for year 2019

Apart from the abovementioned crops, jackfruit, mango, banana, papaya, and litchi are the major fruits produced in the region. Production of major fruits in Jamalpur district is depicted in the graph given in Figure 27

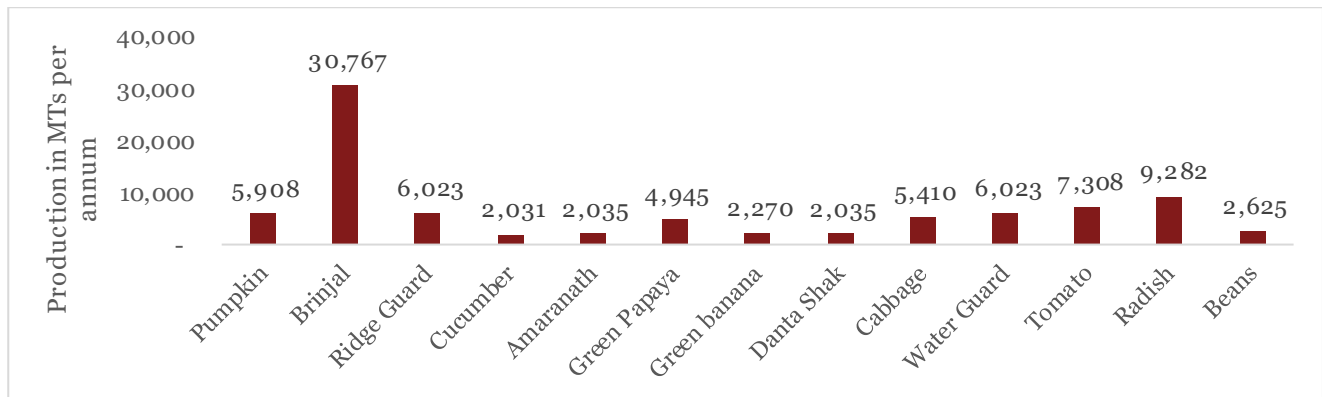
Figure 27: Production of fruits in Jamalpur district (2019)



Source: Agricultural Yearbook 2019, Bangladesh Bureau of Statistics, data is for year 2019

Similarly, the production of major vegetables in Jamalpur district is depicted in Figure 28.

Figure 28: Production of vegetables in Jamalpur district (2019)



Source: Agricultural Yearbook 2019, Bangladesh Bureau of Statistics, data is for year 2019

The rich production of vegetables, fruits and other agricultural produces in the district already act as source of input to the food industries in the nearby regions. From Figure 27 it can be observed that fruits are cultivated in abundance in this district. Various fruits like banana, mango and jack fruit are also grown in large quantities in the district.

Other districts in the influence region such as Mymensingh, Sherpur, Bogra, and Gaibandha are also major producers of jackfruit. Rice, maize, sugarcane, jackfruit and potato are the most extensively produced crops in other parts of the influence region.

5.5.2.2. Aquaculture Resources

The region is also rich in production of fish. Table 34 given below depicts the production of fish in the influence area.

Table 34: Fish production in the influence area (2018)

Name of the District	Annual Fish Catch in Inland Waterbodies (MTs) for 2018	Annual Fish Catch in Meghna, Padma & Brahmaputra (MTs) for 2018	Annual Fish Catch in other Rivers for 2018 (MTs)	Annual Fish Catch in Flood Plains for 2018 (MTs)	Annual Fish Production in Ponds (MTs) for 2018
Mymensingh	42,682	1,112	1,262	10,809	347,879
Sherpur	53,213	-	961	2,281	28,274
Bogra	75,827	128	709	4,408	67,092
Gaibandha	28,687	1,503	513	5,585	19,785
Jamalpur	400,053	2,742	201	9,664	17,162

Source: Agricultural Yearbook 2019, Bangladesh Bureau of Statistics, data is for year 2018

The agro and fish based natural resources in the influence region may act as sources of input for the food and agri business industry in the economic zones, as well as industries located outside the district.

5.5.2.3. Mineral Resources

Bangladesh is not a mineral rich nation and the EZ influence area also does not have presence of prominent minerals for industrial production, except the availability of glass sand and white clay in Jamalpur and Mymensingh districts. Availability of this can promote the development of ceramics as well as glass industry in the proposed EZ.

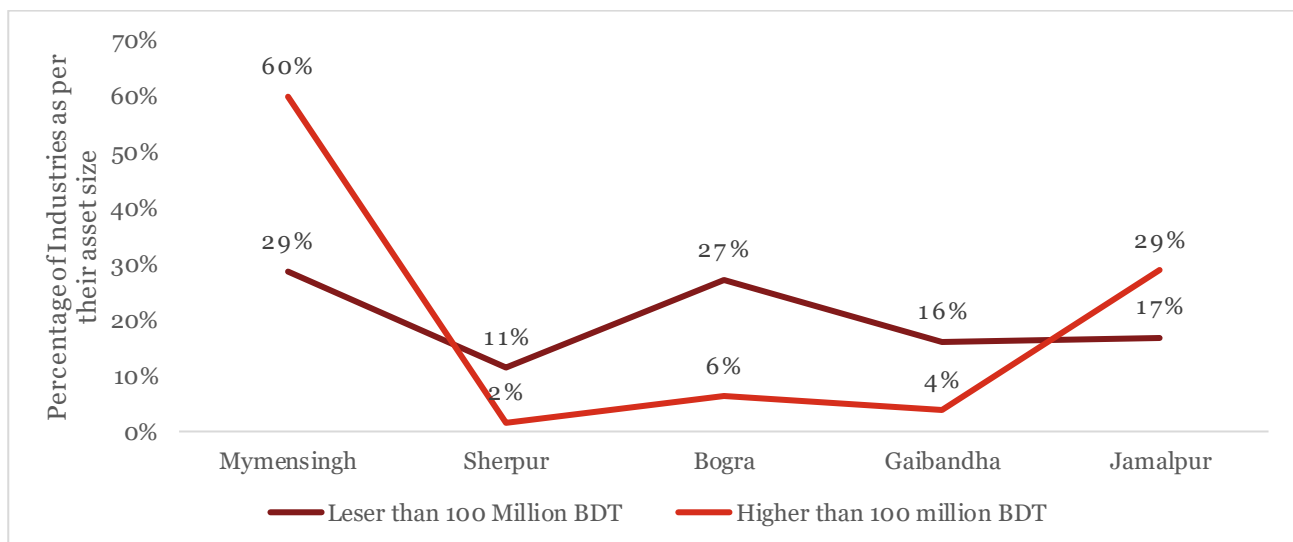
Development of food & beverages, agro processing, ceramics and glass industry are better posed for the proposed economic zone considering the presence of set natural resources in the region which may act as the sources of input.

5.5.3. Industrial Ecosystem in the Region

Presence of industrial ecosystem promotes the development of new industries in the region. The existing industrial ecosystem may act as the part of inbound/outbound supply chain of new industries. Presence of industrial ecosystem also ensures the presence of adequate transport and logistics infrastructure, utilities infrastructure, social infrastructure in the region enough for the industry operation.

Most of the establishments in the influence region are small scaled. Graph in Figure 29 depicts the distribution of establishments (district wise) in the influence region.

Figure 29: Distribution of industries as per their asset size (2019 estimated)



Source: Economic Survey, Bangladesh Bureau of Statistics

It is easily observable from Figure 29 that, Mymensingh district has largest share of establishments with asset size above as well as below 100 million BDT. On the other side, Jamalpur district has second largest share in the establishments with size above 100 million BDT, and third highest for share in establishments with size less than 100 million BDT.

5.5.3.1. Jamalpur District

As discussed above, Jamalpur district does not have significant presence of industries in the district. Being a district with considerable production of agricultural resources, most of the industries in the district are based on the local production of natural resources.

major industries in the district are small scaled with their asset size below 100 million BDT. Being a district with major production of agricultural resources, most of the industries in the district are based on the production of natural resources found/produced in the district.

- Jamalpur district has major production of rice crop, and hence rice milling is one of the major industries in the district with presence of large number of small scaled players.
- Jamalpur district also hosts few establishments in bamboo and furniture, pottery, and jute industry. Presence of jute factories in the district is promoted by the local production of jute as an agricultural crop in the district.
- Large number of establishments are very small scaled, and operate with employment less than five people per establishment.
- District also hosts few of the steel and engineering factories, but their proportion compared to the other industries in the district is limited. Apart from this, district also has limited presence of other sector industries such as chemicals, food and agro processing, and fertilizers.
- As the district has reserves of sand and clay, few industries in glass, ceramics and brick production are also observed in the district.
- Rokeya Chemical Industries Limited, Niharika Agro Industries, SF Agro Industries Limited, Emerald Auto Bricks, Al Baraka Thai Glass, Sabbir Fertilisers and Chemicals, RCI Limited, are some of the important establishments in the district.

The presence of the above sectors in the districts in the form of small and medium scaled establishments will offer the new industries upcoming in the proposed EZ, an industrial ecosystem by acting as a part of the industry value chain.

5.5.3.2. Other Districts in Influence Region

Figure 30 depicts the five districts in the influence region around the proposed EZ. These districts are Mymensingh, Gazipur, Manikganj, Jamalpur and Sirajganj. Industrial ecosystem in these five districts is assessed in the next parts of the section here.

Figure 30: Nearby districts to the proposed EZ



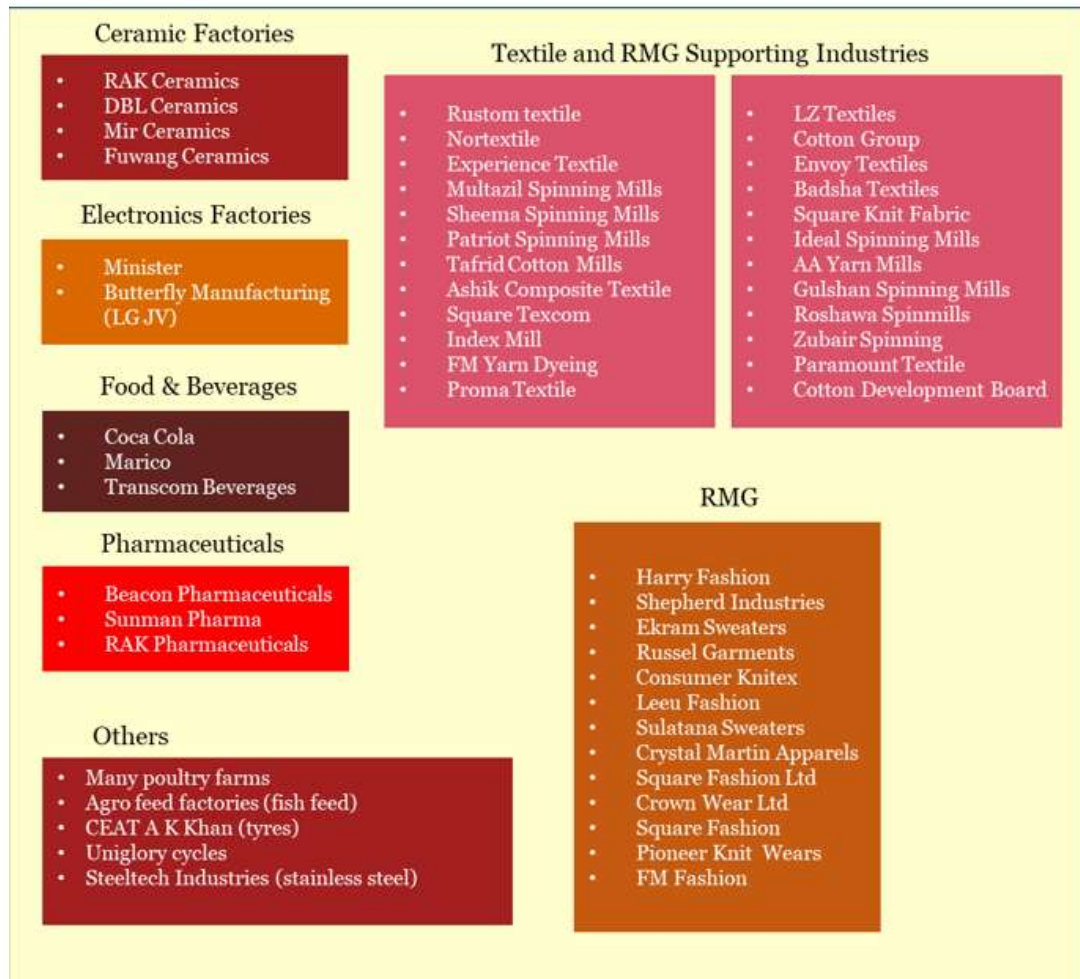
Source: PwC Analysis

5.5.3.2.1. Mymensingh District

Mymensingh district is one of the major industrial hubs in the country. Located in the north of capital city Dhaka, district houses various industries such as automotive and transport equipment, textile and RMG, leather and footwear, food and beverages to name few. District is well connected with the capital city Dhaka via national highway as well as rail network and thereby to the port city Chattogram, which helps district to produce goods which are export oriented as well.

Trishal and Bhaluka are two major industrial centers in Mymensingh district. Following figure depicts the major establishments in the Trishal and Bhaluka region.

Figure 31: Major establishments in Mymensingh District



Source: Primary Interaction

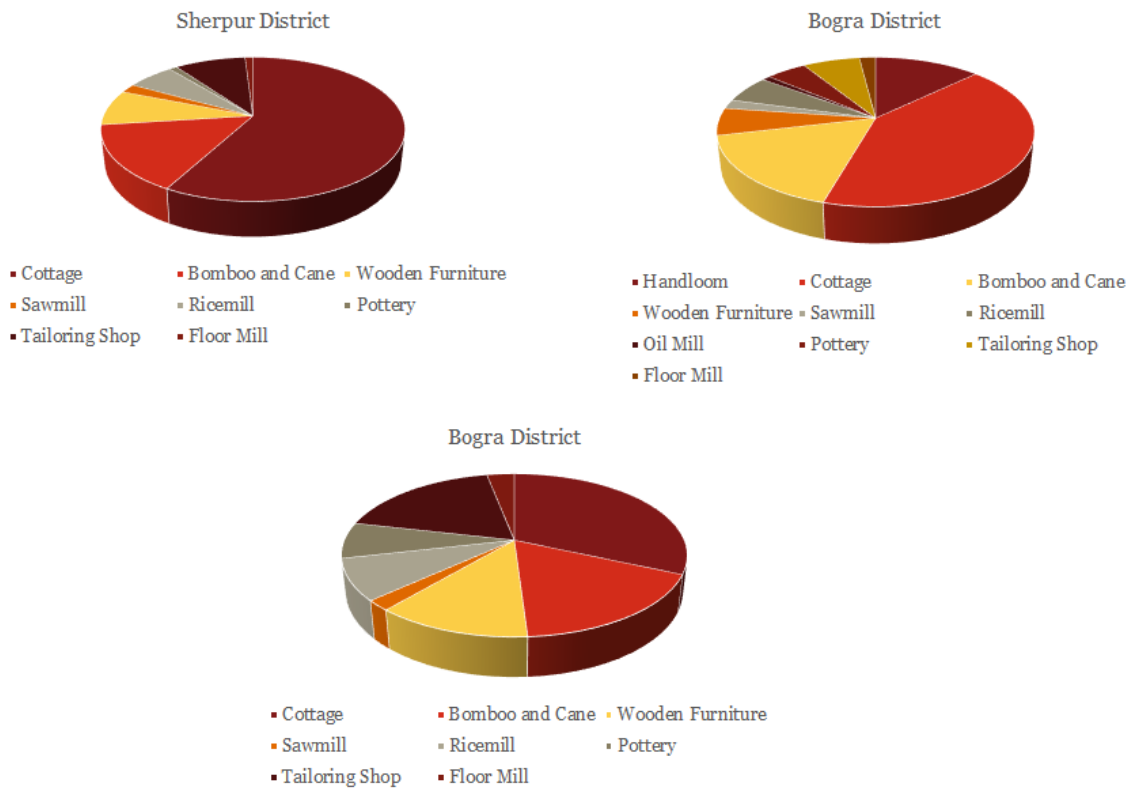
The district is also planning the development of IT park which is planned to be one of the twelve IT parks in the country. Development of IT park in the district may promote the development of tech savvy industries such as electrical and electronics in the proposed EZ (and hence the influence area).

Fishing is another important occupation for most of the people in the district, as so many people have turned their paddy fields into ponds for active fishing. Most of the people are also employed in various cottage industries which is one another major employment generating industry in the district. This industrial ecosystem is expected to act as major motivator for the investment in the proposed EZ, as these industries can play a major role to attain either upward and/or downward integration of the industry value chains in the region.

5.5.3.2.2. Other Districts in the Influence Area

The other districts in the influence area include Gaibandha, Sherpur and Bogra. No significant industrial development is observed in these three districts, and most of the establishments in these districts are also small scaled, and more dependent on the agricultural production as the source of input. The share of different types of industries in these districts is depicted in the following diagram:

Figure 32: Share of various industries in Sherpur, Bogra and Gaibandha District



Source: Bangladesh Bureau of Statistics

As depicted in above figure, agro based, furniture, bamboo and cane, and tailoring industries are the major industries in the district today. These industries are mainly developed in the district because of their importance on the agricultural resources as the source of input combined with the availability of unskilled and uneducated workforce in the region in abundance.

Economic Zones and Industrial Hubs in the Influence Region

Along with the planned development of an economic zone, the influence region also hosts few of the other economic zones as well. Economic zones in influence area are depicted in Table 35:

Table 35: Economic zones in the influence area

Sr. No.	Name of the Economic Zone	District
1	Mymensingh Economic Zone, Ishwarganj	Mymensingh
2	Mymensingh Economic Zone	Mymensingh
3	Akiz Economic Zone	Mymensingh
4	Hamid Economic Zone	Mymensingh

Sr. No.	Name of the Economic Zone	District
5	Sherpur Economic Zone	Sherpur
6	Bogra Economic Zone – 1	Bogra
9	Jamalpur Economic Zone	Jamalpur
10	Jamalpur Economic Zone – 2	Jamalpur

Source: Bangladesh Economic Zones Authority (BEZA)

Eight out of ten economic zones mentioned in the above table are government owned economic ones, while the rest are privately owned. These economic zones are expected to host industries such as textile & RMG, plastic and rubber, light engineering, furniture, electronics and electricals, food and beverages, and agro-based industries. These zones may act as competition to the proposed economic zone, but at the same time will offer an industrial ecosystem beneficial for the proposed economic zone to develop.




In summary, region offers an industrial ecosystem healthy for development of new industries in the proposed economic zone. Most of the districts in the influence area have presence of small scaled industries in sectors such as agro processing, handloom, furniture, and bamboo, and little presence of industries such as ceramics, glass, chemicals, and bricks. Government of Bangladesh has taken few infrastructure projects in the region, details of which are given in the next section, which can also promote the industrial ecosystem in the region through development of transport and logistics infrastructure, utilities infrastructure and social infrastructure in the region.

Considering the industrial ecosystem in the region, few of the industries such as food and agro processing, glass and glassware, ceramics, bricks manufacturing, electrical and electronics, and furniture may be promoted in the proposed economic zone.

5.5.3.3. Strategic Assets for the Proposed Economic Zone

Following (Table 36) are some of the key infrastructure development projects that are being undertaken by the GoB towards the overall improvement of socio-economic condition of this region.

Table 36: Key Infrastructure Projects undertaken by GoB in the influence region

Strategic Projects	Project Description	Expected Timeline	Responsible Agency/Firm
 <p>Construction of New Bridge</p>	<ul style="list-style-type: none"> • Construction of new Mymensingh-Kewatkhali bridge • The bridge is aimed to address the cover-river bottlenecks and to increase the connectivity in the Dhaka-Mymensingh-India border corridor 	June 2021 ²¹⁸	Ministry of Road Transport and Bridges, Bridges Division, Bangladesh Bridge Authority
 <p>Construction/Expansion of Roads</p>	<ul style="list-style-type: none"> • Widening and strengthening of Jamalpur-Dhanua Kamalpur-Kadamtala Zilla road with the Dhanua Kamalpur Land port link • This will provide solid base in terms of movement of raw materials and end products and plays a major role by facilitating cross-border trade with India. 	Varying timeline	Ministry of Road Transport and Bridges
 <p>Conversion of single-track meter gauge line to double-track broad gauge between Bangabandhu Bridge East and Jamalpur</p>	<ul style="list-style-type: none"> • 68 km line running north from Bangabandhu Bridge East to Takarandi, Jamalpur and Dewanganj will be converted from a single-track meter gauge line to double-track broad gauge. A similar conversion is planned for the 115 km line linking Bhairab Bazar and Mymensingh. • Once executed, it will benefit in freight movement and reduce lead time of transport as broad 	To be completed by 2024 ²¹⁹	Bangladesh Railways

²¹⁸ <http://www.padmabridge.gov.bd/cstatus.php>

²¹⁹ <https://www.railwaygazette.com/infrastructure/adb-funds-bangladesh-enhancement-plans/55800.article>

Strategic Projects	Project Description	Expected Timeline	Responsible Agency/Firm
	gauge lines can support higher speed limits		

5.5.4. Summary of Regional Assessment

The above discussions may be summarized as:

Demographics of the Influence Region

- Most of the population in the influence region resides in the rural region, while the population residing in the urban areas range within ~8% to ~20% among districts in the influence region
- Only Bogra and Gaibandha districts have literacy rate above 50%, and literacy rate of all the districts are below the national average literacy rate.
- Large number of people are employed in the wholesale and retail sector in the influence region, followed by transportation and storage sector, and then manufacturing sector.
- The influence region has abundance supply of unskilled labor, and hence unskilled labor is not a major challenge. But supply of skilled labor is limited and hence it needs to be procured from the nearby regions such as Dhaka. The presence of TVET institutions may solve the issue of limited supply of skilled labor to certain extent, but special efforts are essential for bringing improvements in the same.

Access to Natural Resources

- Jamalpur district, and other districts in influence region are rich in agricultural production, and few of the major crops in the region are – rice, jute, sugarcane, wheat, pulses, mustard, coconut, and spices. Major fruits produced in the region are – banana, jackfruit, mango, papaya, and guava. Few major vegetables produced in the region are – potato, cabbage, tomato, pumpkin, brinjal, radish, and water guard and ridge guard.
- Fishing is one of the major livelihoods of the people in the region. The fish production along with agricultural produce may act as input the agro based industries in the region.
- There are no major minerals in the influence region except few reserves of white clay and glass sand. These resources can act as input to the ceramics, glass, and brick manufacturing industry in the influence region.

Industrial Ecosystem

- Most of the establishments in the influence region are either small or medium scale with assets size worth lesser than ~100 million BDT. Most of these establishments are located in Mymensingh district followed by Jamalpur and Bogra.
- Most of the industries in the influence region are primary sector based. Few of the prominent industries in the influence region are – cottage, handloom, bamboo, furniture, agro based (e.g. rice mill).
- Few sectors apart from these are also present in the influence region such as – ceramics, automotive, chemicals, bricks manufacturing, and even leather production.

- Mymensingh is the major industry hub in the region, and it hosts various industries ranging from textile and RMG, automotive and transport equipment to leather and footwear in the district. Trishal and Bhaluka are two major industrial centers in the district.
- Total ten economic zones are planned for development in the influence region. Most of these zones are in planning/construction stage, and once operational will offer better industrial ecosystem to the proposed EZ.
- Completion of various planned infrastructure projects is expected to promote the pro-industry environment in the region further.

5.6. Initial Shortlist of Industries

Information from the previous sections provide insights about the pre-requisites of the bucket list of industries, profiling of the region surrounding the proposed EZ in light of economic indicators, natural resources, industrial development, and sourcing of semi-skilled and skilled manpower. This information can be distilled to create a matrix for compatibility mapping.

A compatibility mapping will create an understanding about which industries from among the bucket list of sectors are suitable for the proposed EZ at Jamalpur. On basis of this compatibility assessment, a shortlist of industries can be drawn which are most suitable to be developed in the proposed EZ location. This shortlist will contain those specific sectors which are in conformance with the utility, connectivity and other support infrastructure available at the proposed EZ location. This shortlist will further assist in streamlining the primary assessment for which interaction with industry players in the sectors will be required to understand the on-ground perception about the proposed EZ location and whether the shortlisted industries are suitable to be developed in the proposed EZ.

A matrix has been created in the next page, to map requirements of each sector with the supporting Backward & Forward linkages, Factors of Production and other prerequisites available at proposed EZ location.

Table 37: Compatibility Mapping

Sector	Access to Backward and Forward Linkage		Access to Factors of Production							
	Access to Raw Material	Access to Markets	Land Connectivity	Air Connectivity	Water Connectivity	Availability of Power	Availability of Water	Availability of Gas	Availability of manpower	Access to Water Front
Features prevailing at proposed EZ site			Easily Accessible	Multiple modes of transport required	Moderately Easy to access	Sufficient power available	Water source available in vicinity	Not Available	Semi-skilled/ Unskilled available; Skilled unavailable	Not Available
Assessment of pre-requisites of industrial sectors										
Textiles & RMG	Moderately High	Low	Moderately High	Moderately Low	Moderately High	High	Moderate	Low	High	Low
Rationale for rejection	<ul style="list-style-type: none"> This is an export-oriented industry, with already a high global market share. Bangladesh is also importing considering amount of fabric from India and China. The availability of an already available trainable unskilled workforce in textile & knitting is an added advantage. This sector requires good access to trade gateways in order to cater to global markets, However, the site lacks access to sea ports. Chittagong Port is around ~413 km from the proposed EZ site hence limited contribution is expected through this trade gateway. Hence, this sector is not recommended 									
Food and Beverages	High	High	Moderately High	Moderate	Moderately High	Moderate	Moderate	Moderate	Moderate	Moderately Low
Rationale for selection	<ul style="list-style-type: none"> Proposed EZ holds a lot of growth potential for this industry as it has easy access to raw material (paddy, wheat, jute, pulse, vegetables, garlic, onion, mulberry, mustard, betel leaf) This industry primarily caters to domestic demand as well as it exports to neighboring countries and countries having significant Bangladeshi immigrants like middle east Asia Water, the basic ingredient for beverage industry can be made available at proposed EZ site by developing suitable infrastructure to source surface water from the Brahmaputra river which is adjacent to the proposed EZ. Sector pre-requisites are met by the proposed EZ. Hence, it is recommended at the proposed EZ. 									

Sector	Access to Backward and Forward Linkage		Access to Factors of Production							
	Access to Raw Material	Access to Markets	Land Connectivity	Air Connectivity	Water Connectivity	Availability of Power	Availability of Water	Availability of Gas	Availability of manpower	Access to Water Front
Features prevailing at proposed EZ site			Easily Accessible	Multiple modes of transport required	Moderately Easy to access	Sufficient power available	Water source available in vicinity	Not Available	Semi-skilled/ Unskilled available; Skilled unavailable	Not Available
Agro Based Products	High	High	Moderately High	Moderately Low	Moderate	Moderate	Moderate	Moderately Low	Moderately High	Moderate
Rationale for selection	<ul style="list-style-type: none"> Proposed EZ holds a lot of growth potential for this industry as it has easy access to raw material (paddy, wheat, jute, pulse, vegetables, garlic, onion, mulberry, mustard, betel leaf) Establishing an agro based industry in close proximity to the raw material will result in lesser waste and better quality of products due to low lead time. Sector pre-requisites are met by the proposed EZ for all parameters Hence, This industry is recommended. 									
Leather and Leather Products	Moderately Low	Moderate	Moderately High	Low	Moderately High	Moderately Low	Moderately High	Moderately Low	Moderately High	Low
Rationale for selection	<ul style="list-style-type: none"> This industry is mostly export oriented and generates 2nd highest exports after textile & RMG Apart from raw hides, Bangladesh has also started exporting finished products Proposed EZ site location satisfies the pre-requisites for the industry To produce high quality finished goods, this sector requires skilled employees which are already available due to an existing ecosystem of leather and tanning Since the goods are not too much in quantum, the river Brahmaputra can be used for water connectivity as well as for sourcing surface water. The site is well connected to the Dhaka-Mymensingh highway (N3). 									

Sector	Access to Backward and Forward Linkage		Access to Factors of Production								
	Access to Raw Material	Access to Markets	Land Connectivity	Air Connectivity	Water Connectivity	Availability of Power	Availability of Water	Availability of Gas	Availability of manpower	Access to Water Front	
Features prevailing at proposed EZ site			Easily Accessible	Multiple modes of transport required	Moderately Easy to access	Sufficient power available	Water source available in vicinity	Not Available	Semi-skilled/ Unskilled available; Skilled unavailable	Not Available	
	<ul style="list-style-type: none"> In order to establish industries that can manufacture finished leather products in the proposed EZ, pre-requisites will be developing social infrastructure in the region to incentivize skilled workers 										
Plastic and Rubber	Low	Moderately High	Moderate	Low	Moderately Low	Moderate	Moderate	Moderately High	Moderately High	Low	
Rationale for rejection	<ul style="list-style-type: none"> This sector is highly dependent on import of raw material plastic beads, resin etc. for their production Gas is the primary fuel used in this industry; Proposed EZ, presently does not have any gas source in its vicinity Plastic and Rubber products are mostly consumed in local markets, industries located in vicinity of Dhaka will be better positioned to cater to domestic demand Setting up of this industry can be considered in proposed EZ, when gas connection is established to the proposed EZ site 										
	Paper and Packaging	Low	High	Moderate	Low	Moderately Low	High	High	Moderate	Low	Low
	Rationale for rejection	<ul style="list-style-type: none"> This sector is dependent on import of raw material like pulp, fiber and chemicals. Pulp can still be obtained from processing of wood available in the nearby forests. It also has a moderate requirement of gas, which is used as fuel during preparation of paper products This sector will be more suitable if it located near Chittagong Port or Dhaka-Chattogram highway, from where it can have easy access to imported raw material This sector mainly caters to domestic demand, industries engaged in this sector would perform well if they are located in between Dhaka-Chattogram region, where there is high demand for paper and packaging products as well as having availability of gas pipeline 									

Sector	Access to Backward and Forward Linkage		Access to Factors of Production							
	Access to Raw Material	Access to Markets	Land Connectivity	Air Connectivity	Water Connectivity	Availability of Power	Availability of Water	Availability of Gas	Availability of manpower	Access to Water Front
Features prevailing at proposed EZ site			Easily Accessible	Multiple modes of transport required	Moderately Easy to access	Sufficient power available	Water source available in vicinity	Not Available	Semi-skilled/ Unskilled available; Skilled unavailable	Not Available
	<ul style="list-style-type: none"> The possibility to develop this industry in the proposed EZ is limited. There is not even a readymade market which will be an offtake for the produce manufactured here. 									
Chemicals	Moderate	High	Moderate	Moderate	Moderately High	High	High	Moderate	Low	Moderately High
Rationale for selection	<ul style="list-style-type: none"> There are different types of chemicals having varied utility requirements like fertilizers, adhesives, washing powder, paints, varnishes etc. Adhesives, paints and varnishes cater to domestic market, these industries would perform well if they are located in proximity to Dhaka. The site can easily access the market of Dhaka through N3. There are already pre-existing chemical factories in this region. They are also using water sourced from the Brahmaputra. Hence this industry is recommended 									
Non-Metallic Minerals	Low	Moderately High	Moderate	Low	High	High	Low	High	High	High
Rationale for rejection	<ul style="list-style-type: none"> Non-metallic minerals involve manufacturing of cement, ceramics, glass etc. Glass sand is available in Balijuri ~30km away from the site and white clay is available in Bhurunga ~45km from the EZ. For manufacturing of cement, the basic prerequisite is to have a waterfront access, since all clinker in Bangladesh is currently imported through sea. Since navigable waterfront is not available in the proposed EZ, cement industry is not recommended here. It is thus not recommended to establish non-metallic mineral industry in proposed EZ 									
Automobile and Accessories	Low	Moderately High	Moderate	Moderately Low	Moderately Low	Moderate	Low	Moderately Low	Moderately High	Low

Sector	Access to Backward and Forward Linkage		Access to Factors of Production								
	Access to Raw Material	Access to Markets	Land Connectivity	Air Connectivity	Water Connectivity	Availability of Power	Availability of Water	Availability of Gas	Availability of manpower	Access to Water Front	
Features prevailing at proposed EZ site			Easily Accessible	Multiple modes of transport required	Moderately Easy to access	Sufficient power available	Water source available in vicinity	Not Available	Semi-skilled/ Unskilled available; Skilled unavailable	Not Available	
Rationale for rejection	<ul style="list-style-type: none"> Automobile manufacturing in Bangladesh is highly import dependent CKD units are brought through Benapole or Chittagong Port and assembled in the country Manufacturing in this sector is automated and there is high dependency on skilled manpower like engineers Presently the proposed EZ location does not have social infrastructure like residential, educational, recreational, medical facilities etc. for skilled employees and their families Automobile manufacturing industries operate in clusters with other ancillary units Small land parcel of proposed EZ might hinder development of automobile cluster Proposed EZ is ideally located to support development of automobile industries for which CKD units are being brought from India, however creating an automobile industry would require larger land parcel (400-500 acres) and development of social infrastructure in vicinity of proposed EZ site 										
	Heavy Machinery, Iron, Steel and Metal	Low	Moderately High	Moderate	Low	High	High	Moderate	High	High	High
	Rationale for rejection	<ul style="list-style-type: none"> Bangladesh is highly import dependent for this sector, with majority of port coming through Chittagong Port. This sector requires large quantities of power and fuel Moreover, it does not have close proximity to Chittagong Port from where majority of the imports take place The proposed EZ site is presently not suitable for setting of industries in this sector 									

Sector	Access to Backward and Forward Linkage		Access to Factors of Production							
	Access to Raw Material	Access to Markets	Land Connectivity	Air Connectivity	Water Connectivity	Availability of Power	Availability of Water	Availability of Gas	Availability of manpower	Access to Water Front
Features prevailing at proposed EZ site			Easily Accessible	Multiple modes of transport required	Moderately Easy to access	Sufficient power available	Water source available in vicinity	Not Available	Semi-skilled/ Unskilled available; Skilled unavailable	Not Available
Electrical and Electronics	Low	Moderately High	Moderately High	Moderately Low	Moderately Low	Low	Low	Low	Moderate	Low
Rationale for selection	<ul style="list-style-type: none"> Bangladesh currently performs assembly of all electronic items These items are imported from different countries in individual units and assembled in workshops Proposed EZ offers all utilities required for manufacturing of electronics and electrical items Skilled labor can be available locally, or from the nearby urban centers. Consumption of electrical and electronic items is rapidly rising in rural Bangladesh leading to high demand The development of IT-parks and Hi-Tech parks in the vicinity will also give rise to the demand for electronic items in this region. Presently the region does not have any major electronics industry in vicinity. These can be even exported to north-east India market. Proposed EZ is ideally suitable for setting up industries pertaining to this sector 									
Ship Building and Ship Breaking	Low	Moderate	Moderately Low	Low	High	High	Low	Moderately High	High	High
Rationale for rejection	<ul style="list-style-type: none"> Access to waterfront and high gas availability is mandatory for setting up of this sector Proposed EZ site does not have access to navigable waterfront. Hence major movement of heavy ships is not possible. Proposed EZ site presently not suitable for setting of industries in this sector 									

Sector	Access to Backward and Forward Linkage		Access to Factors of Production							
	Access to Raw Material	Access to Markets	Land Connectivity	Air Connectivity	Water Connectivity	Availability of Power	Availability of Water	Availability of Gas	Availability of manpower	Access to Water Front
Features prevailing at proposed EZ site			Easily Accessible	Multiple modes of transport required	Moderately Easy to access	Sufficient power available	Water source available in vicinity	Not Available	Semi-skilled/ Unskilled available; Skilled unavailable	Not Available
Petroleum Products (including Bottling)	Low	Moderately High	Moderate	Low	High	High	Low	Moderate	Moderate	High
Rationale for rejection	<ul style="list-style-type: none"> Bangladesh is currently dependent on import of petroleum products via large sea faring tankers. Though there are certain mine ral oil reserves available nearby Haripur they are not enough to provide for continuous long term supply for a refinery Access to waterfront is mandatory for setting up of this sector Proposed EZ site does not have access to navigable waterfront Thus, proposed EZ site presently not suitable for setting of industries in this sector 									
Pharmaceuticals	Moderately Low	High	Moderate	Moderately High	Moderately High	High	High	Moderately High	High	Moderate
Rationale for selection	<ul style="list-style-type: none"> This sector is dependent of availability of skilled employees Dearth of social infrastructure in proximity to proposed EZ area might hinder availability of skilled manpower for this industry. Development of API park in Munshiganj will create a hub for raw material needed in pharmaceutical industry The subject site is well connected to the region of Dhaka through the Dhaka -Mymensingh highway. Connectivity to Munshiganj will provide advantage in terms of access to raw material A large market for pharmaceutical product is available in the north-east India, thus it is recommended to setup pharma industry here. 									

Sector	Access to Backward and Forward Linkage		Access to Factors of Production							
	Access to Raw Material	Access to Markets	Land Connectivity	Air Connectivity	Water Connectivity	Availability of Power	Availability of Water	Availability of Gas	Availability of manpower	Access to Water Front
Features prevailing at proposed EZ site			Easily Accessible	Multiple modes of transport required	Moderately Easy to access	Sufficient power available	Water source available in vicinity	Not Available	Semi-skilled/ Unskilled available; Skilled unavailable	Not Available
Light Machinery, Equipment and Furniture	Moderately High	High	Moderately High	Moderately Low	Low	Moderately Low	Moderate	Moderate	Moderate	Low
Rationale for rejection	<ul style="list-style-type: none"> • Demand for light machinery, equipment and furniture products are rising in Bangladesh • Bangladesh is gradually shifting away from importing light engineering goods to manufacturing them inside the country • Light Engineering industry also includes spare machinery parts or ancillary parts for automobiles • Proposed EZ is not located close to any industrial region. Thus it is not ideal for establishing light engineering industries • Proposed EZ is not conducive for setting up light machinery, and equipment 									

Source: PwC Analysis

Based on the analysis done, an initial shortlist of six sectors were created from the bucket list of 15 sectors. These shortlisted sectors were found to be most suitable for the proposed EZ site due to the compatibility of their forward and backward linkages, access to factors of production and growth prospects in Bangladesh. The shortlisted sectors are –

1) Agro-based, 2) Food and Beverages, 3) Pharmaceuticals, 4) Chemicals, 5) Electrical and Electronics, 6) Leather and Leather Products

Stepwise approach brings out the initial shortlist of six industrial sectors. Next section captures voice on ground to arrive at the final shortlist of industrial sectors suitable for the proposed EZ

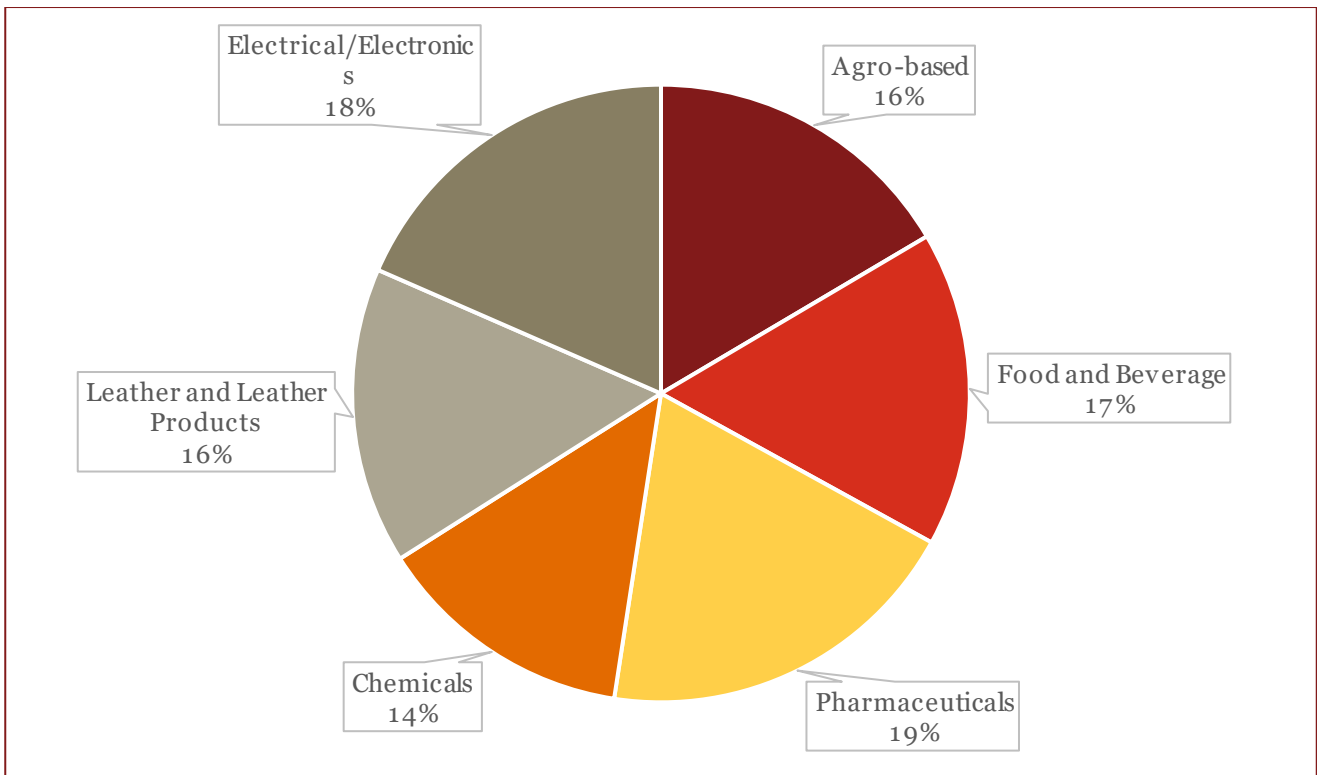
5.7. Analysis of Survey Results

Former sections delve into assessment of initial shortlist of industries based on top-down approach based on secondary research and insights obtained through interactions with various govt. departments and data collected from various sources during the site visit. This section delves into primary stakeholder consultations among industrial players within the country and from overseas. A total of 103 respondents from were interviewed (out of which 79 are Bangladeshi and rest are foreign) to validate the hypothesis formed during the top-down approach. A questionnaire (which was formed by leveraging our experience in line with the ToR) was used as an instrument to undertake this primary survey.

5.7.1. Profile of the Respondents

Respondents of this survey were selected from the six sectors shortlisted for the proposed EZ as per the analysis undertaken in the former sections. As per the ToR, at least 10 local respondents and 3-4 foreign respondents were surveyed. While the local respondents were interviewed physically, the foreign respondents were interviewed through telecom and video conference. Local respondents are based out of various locations of the country (such as Jamalpur, Mymensingh, Dhaka etc).

Figure 33: Profile of the Respondents



Source: Primary Survey and PwC Analysis

The participants in the stakeholder consultations belonged to diverse set of industries, as indicated in the figure above. The final shortlist of industries was prepared after taking into consideration the responses received through these stakeholder consultations.

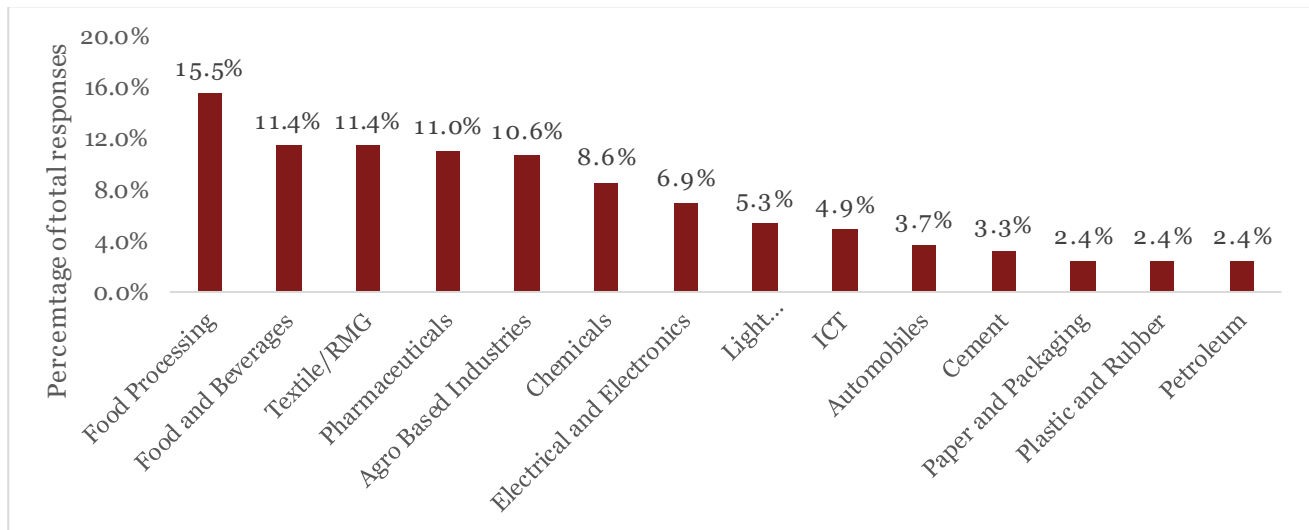
It is to be noted that the output of the primary survey is dependent on the sample size. If the sample size is changed, the output may change accordingly. The results obtained in this analysis may also vary during on-ground implementation of the project.

In the following various inputs would be analyzed as depicted in the primary survey.

5.7.2. Industry Trends in the Region

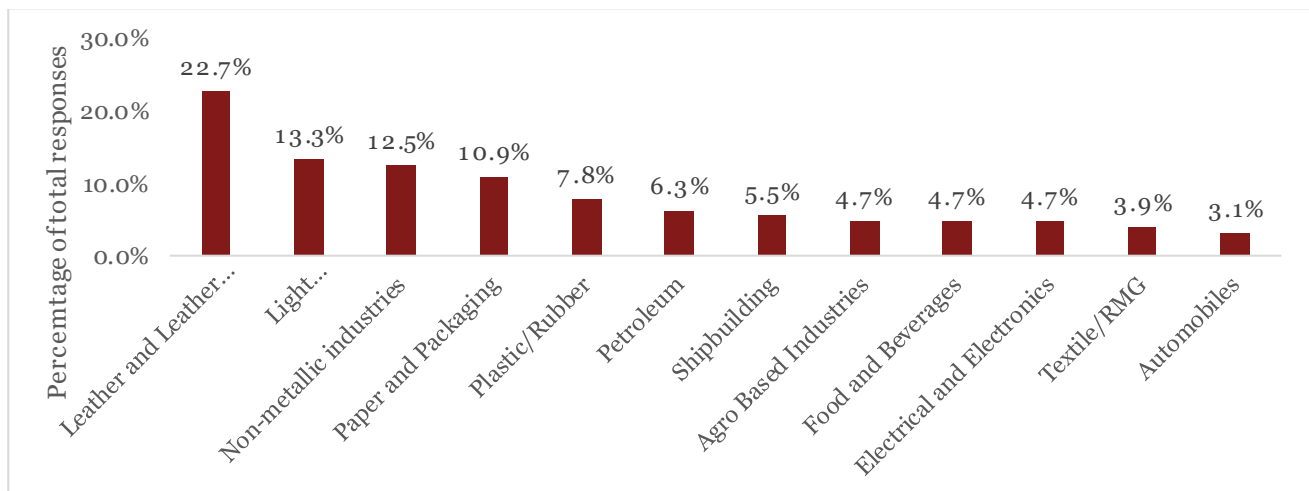
In order to understand the growth prospects of the industrial sectors in the region, the respondents were asked to specify the industries which have witnessed growth in the region and the industries which have relatively declined in the region.

Figure 34: Responses depicting growth



Source: Primary Survey

Figure 35: Responses depicting decline



Source: Primary Survey

Manufacturers from sectors like **Leather and Leather products, Light Engineering/ Light Machinery, Non-metallic industries and Paper and Packaging** have majorly expressed **negative opinion** about growth prospects of their sector in the region of proposed EZ.

However, manufacturers from **Food processing, Food & Beverages, Textile & RMG, Pharmaceuticals and Agro based** have majorly evinced **positive interest** about the growth prospects of their sectors in the region of the proposed EZ.

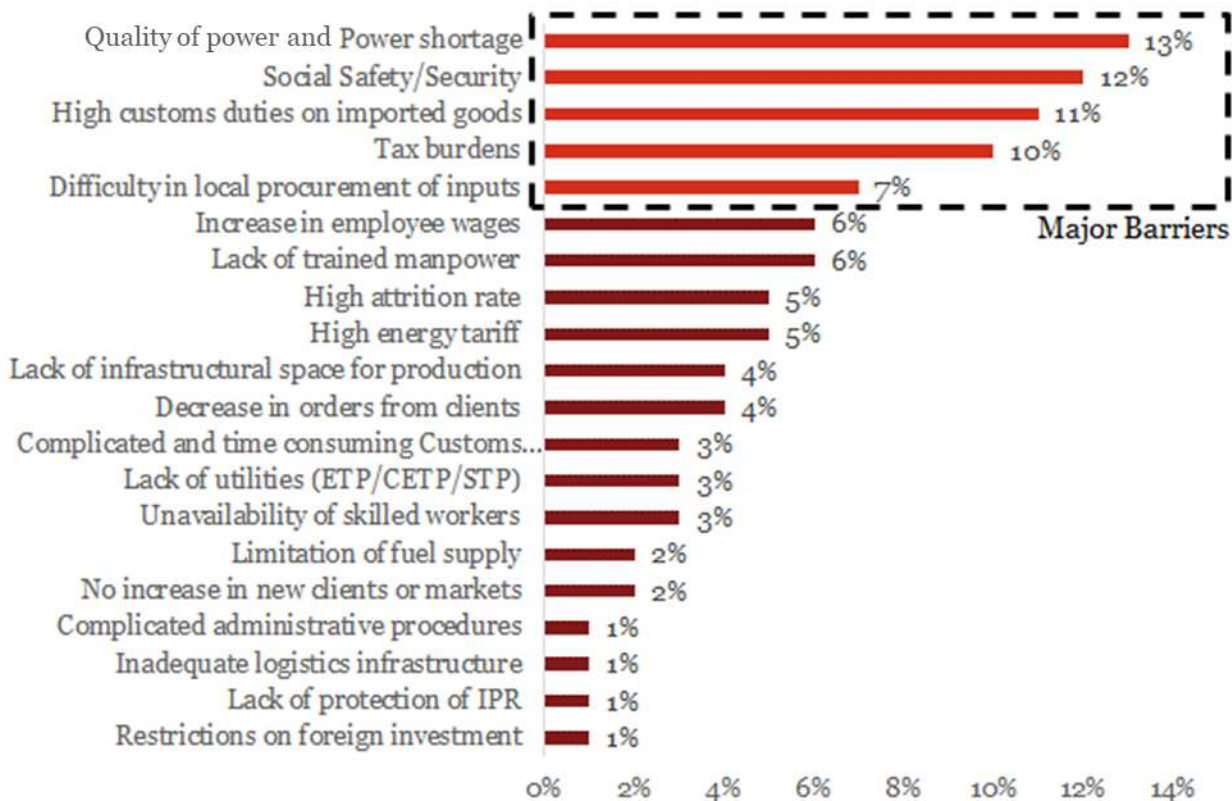
5.7.3. Barriers to Investment

During the stakeholder consultation exercise, the respondents were asked about the current challenges faced by them in running business in Bangladesh and barriers to investment, specific to the proposed EZ area. The responses received can be split into 3 parts – Bangladesh specific, sector specific and site specific.

5.7.3.1. Bangladesh Specific Barriers

Most of the respondents surveyed were optimistic about the Bangladesh’s economy and expressed their satisfaction about the country’s growth. However, country specific hindrances to growth and investment mentioned by the respondents had resonance across the sectors. Subsequent figure captures the barriers to investment as mentioned by the respondents.

Figure 36: Barriers to Investment in Bangladesh



Source: Primary Survey

Note: The participants in the stakeholder consultations belonged to diverse set of industries, which are shortlisted specific to the proposed EZ.

Common problems faced by the manufacturers in running a business in the country (across industrial sectors) are listed in the following across two categories (major and minor). Table 38 below depicts few of the above-mentioned common problems faced by manufacturers in running a business in a country.

Table 38: Few major common problems faced by businesses in the country

Problem Name	Details
High customs duties on imported capital goods and intermediary goods	Manufacturing sector in Bangladesh is dependent on import of raw materials for their production to take place. All the investors surveyed expressed discontent regarding the high customs duties on imported capital goods and intermediary

Problem Name	Details
	goods. Import duty on goods are levied on basis of their HS codes. Respondents claimed that custom officials suddenly charge higher import duty on items of regular import, by changing the applicable HS code under which the item is covered. This results in extra hassle for the importers as they need to visit customs law office to get the goods cleared and get clarity on applicable HS code. Sudden changes in the rate of applicable import duty creates uncertainty among the manufacturers as it causes delay in access to raw material and also makes it difficult to accurately predict costing of the manufactured goods.
Quality of power and power shortage	Investors surveyed in located in remote location expressed discontent with power availability and quality of power such as Voltage fluctuation. Many complained about the 3-4-hour power outages suffered on a daily basis, which had affected the capacity utilization of existing machineries. Among the respondents surveyed in remote location, 50% had to decide for their own source of power, which was either diesel or gas operated.
Social Safety/ security	Respondents in their feedback, have expressed concern about the Social safety/ security issues prevailing in Bangladesh.
Difficulty in local procurement of parts and raw materials	During interactions, investors also complained about the difficulty in procuring the raw materials from the local markets, particularly those who were interested in Food Processing and Light Engineering sectors.
Tax burdens	During the stakeholder consultation exercise, most of the respondents expressed disappointment on the corporate taxes and transfer pricing taxes levied on them. This is a major hindrance to investment in Bangladesh.

Apart from the abovementioned barriers, few other barriers which investors or industrialists face are – increase in employee wage rates, lack of trained manpower, high attrition rates, high energy tariffs and lack of infrastructural space for production.

5.7.3.2. Sector Specific Barriers

The respondents were also asked questions about their sectors in which they are operating to understand the challenges they are facing in their sector, which is hindering their current business operations and affecting the growth/expansion plans. The problems specific to each sector are listed below –

Table 39: Industry specific barriers as expressed by the respondents

Industrial Sectors	Site specific barriers
Agro-based products	Respondents in this sector mentioned that there was a rising demand for better quality and organic agro products. Industries based on cash crops like jute have seen a revival in demand. Respondents expressed satisfaction with incentives being offered by GoB in terms of subsidized electricity, export and tax incentives. Challenges outlined by respondents in this sector were that poor supporting infrastructure was resulting in high wastage of agro products and getting access to organic agricultural produces.
Food & Beverages	Major challenge that industry players faced in this sector was from the unorganized and small-scale industries, which had localized operations and had a cost advantage over the organized sector through evasion of taxes.

Industrial Sectors	Site specific barriers
Leather and Leather products	Tannery operators expressed their displeasure at having been to shift their existing manufacturing units from Hazaribagh to Savar. Leather manufacturers also mentioned their issues regarding basic facilities such as ETP, gas connection etc. in Savar. Manufacturers involved in finished products have expressed their inability to provide high quality leather goods due lack of technical skills and technical know-how among the laborers.
Chemicals	This sector is mostly dependent on import of raw material. Respondents faced issues due to uncertainty with HS codes of the items of import and unpredictable rate of taxes being levied. Fertilizer manufacturers mentioned that lack of power and gas is hindering their production efficiency.
Electrical and Electronics	The big players were looking to expand aggressively and establish new manufacturing units. However, the SMEs were witnessing falling sales and shrinking margins due to their inability to compete with large scale manufacturers, who have cornered a lion's share of market sales due to economies of scale.
Pharmaceuticals	Respondents are concerned about the import duties on raw materials required to produce APIs in Bangladesh. Currently, pharmaceutical sector in Bangladesh produces branded generic final formulations using imported APIs. However, reducing the duty on import of raw materials for APIs would allow manufacturers to produce APIs in the country, thereby adding more value to their pharmaceutical products. Another challenge mentioned by the manufacturers was GoB's prohibition of advertising their products which has resulted to adopt unethical practices of influencing doctors to prescribe specific medicines by few manufacturers.

Source: Primary Survey

5.7.3.3. Proposed EZ- Site Specific Barriers

As per the survey responses, major challenges in the proposed region include the following –

- Most of the SME manufacturers choose to set up their businesses close to their area of residence. The need to shift to a new location for establishing a new manufacturing unit also hinders investment decision for the proposed EZ.
- The proposed EZ is ~377 km from Mongla port and ~413 km from Chittagong Port which is one of the major reason for hindering investment due to its poor connectivity to sea ports.
- Several respondents were unsure as to how long it would take in order for the proposed EZ to be established. This prevented the manufacturers from making investment decisions with respect to the proposed EZ.
- Other site-specific factors that served as barrier to investment were – lack of social infrastructure in the region.

5.7.4. Perception about Economic Zone Regime

One of the key objectives of primary stakeholder consultation was to assess the awareness about the GoB's Economic Zone policy among the industrial players and also the investment appetite for the proposed EZ. The key findings from the various sectors are as below:

Table 40: Voice on ground from stakeholder consultations

Sector	Opinion
Agro-based	Stakeholders pointed that the region is rich in Agri-produce, hence raw material (paddy, wheat, jute, pulse, vegetables, garlic, onion, mulberry, mustard, betel leaf) for Agro-based industry is available in the region and can be procured locally.
Food and Beverage	Manufacturers from this industry were positively interested in the proposed EZ site in Jamalpur. Manufacturers also pointed out the fact that whilst operating out of an EZ, they would ideally want the developer to take care of all the documentation and labor issues.
Pharmaceuticals	Manufacturers contacted mentioned that dearth of social infrastructure in proximity to proposed EZ area might hinder availability of skilled manpower for this industry.
Chemicals	Manufacturers would be interested in taking up land in the Economic Zone since it would be easier for them to commence operations within the EZ as developer would be obtaining environmental clearances. Furthermore, common ETP at the proposed EZ would also be useful for them as presently they face issues in disposing their waste and effluent.
Electrical and Electronics	Electronics manufacturers are concentrated around the Gazipur area and are looking to expand to areas due to overcrowding in their existing location. They are willing to relocate to an EZ due to ease of operations.
Leather and leather products	Leather manufacturers expressed positive interest to shift to EZ in Jamalpur. Most of the leather products manufactured in Bangladesh are exported or sold in Dhaka & Chattogram. The close proximity to Mymensingh can be targeted as a potential market for end products.

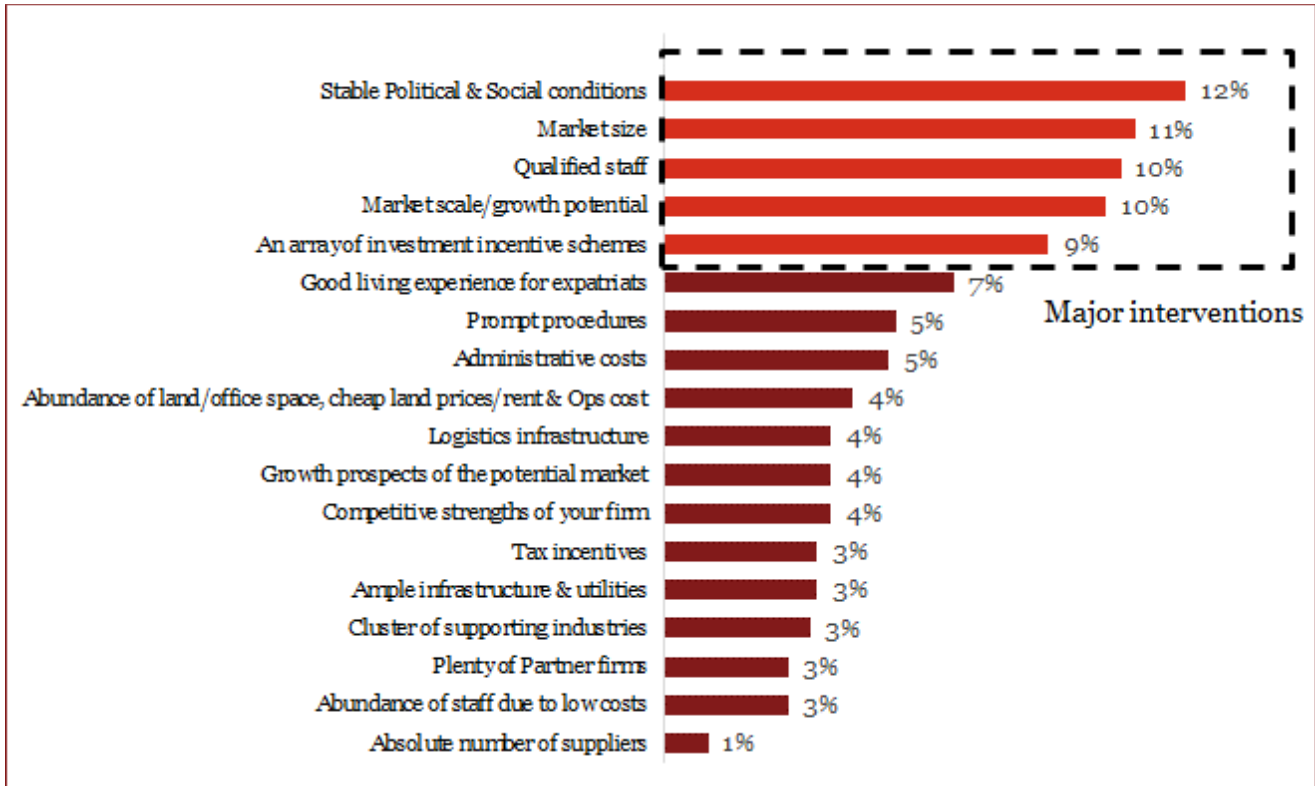
Source: PwC analysis

It should however be noted that some respondents were not so optimistic about the economic zone regime of the government and consider operating out of private land as a much easier option. They opined economic zone operations require too much documentation for movement of goods irrespective of the consignment size. In addition, economic zones operation would entail fixed working hours for the workers, specific opening/closing time of factories, and many other restrictions, which they are not in favor of adhering to. These respondents were also asked for their requirements in order to relocate to the EZ and their responses are elaborated in the following section.

5.7.5. Voice on Ground-Interventions Solicited

In order to understand the enabling infrastructure required for investment in the proposed EZ, all the respondents were asked about their requirements for relocating their business in the proposed EZ. A good infrastructure availability is a key enabler for success of any Economic Zone project. To understand the priority of the same, respondents were asked to specify their requirements for investing in the proposed EZ. Their response is captured in Figure 37 below –

Figure 37: Voice on ground (Interventions)



Source: Primary Survey

Manufacturers have expressed their major requirements which influence their investment decision include Stable Political and Social condition, Availability of labour near the proposed EZ, Fiscal and Non-fiscal incentives. Availability of utilities near the proposed EZ is another important factor, which was highlighted during our interaction with manufacturers. During interactions, manufacturers also highlighted the need for availability of local raw materials, particularly those who were interested in Pharmaceuticals and Chemicals sector.

The requirements can be classified into i) Hard Interventions ii) Soft Interventions

5.7.5.1. Hard Interventions

Access to uninterrupted power supply: All the investors consulted expressed discontent with power availability across Bangladesh and mentioned that access to uninterrupted power supply is the major requirement for them. Many complained about the 2-3-hour power outages suffered on a daily basis, which had affected the capacity utilization of existing machineries.

Availability of quality water: Investors have expressed that quality water availability for industrial and potable purposes is the major factor

Availability of gas: Most of the investors consulted expressed that their manufacturing units require piped gas to be used as fuel in their industries or a source for generating electricity as gas is cheaper than diesel.

Access to CETP/ ETP: Investors who were considering investment in plastic and rubber, and pharmaceuticals sectors which involved release of effluents wanted to have access to waste treatment plants so as to not cause any adverse damage to the environment.

Warehousing facility: Most of the investor consulted expressed that they require warehouse facility to store their goods in the dedicated warehouse facilities in the EZ.

Labor availability: Availability of labor is the major requirement expressed by all the investors consulted during our interaction with them.

Availability of raw materials: During interactions, investors also highlighted the need for availability of local raw materials, particularly those who were interested in Food Processing and Light Engineering sectors.

The above-mentioned requirements are duly considered in master planning in order to address the requirements that manufacturers are looking for to relocate their business into EZ

5.7.5.2. Soft Interventions

The respondents were asked about the various fiscal and non-fiscal benefits that they require for considering relocating their business in the proposed EZ. The investors raised concerns about various incentives and their requirements are mentioned below:

Cheap land prices: The investors who are willing to relocate to EZ are looking for Government owned EZ as the land tariff is 2x – 3x times less than the ones in private economic zones. Medium and small-scale investors mentioned that land prices play a major role in their investment decision in the economic zone.

Low Administrative costs and Tax incentives: Respondents raised concerns about the various incentives required such as corporate tax subsidy, waiver on import and export duties. Medium and (a few) large scale manufacturers have expressed concern about availability of concessional loan facility, the same is not captured under the incentive package offered by BEZA.

Prompt procedures: During the stakeholder consultation exercise, most of the respondents expressed disappointment in complicated and time-consuming procedure. This is one of the major reasons hindering manufactures in Bangladesh from importing the goods from the foreign countries. It was claimed that obtaining permission or license for any utility or activity is cumbersome, requiring many days and several levels of permissions. This is also major reason hindering manufacturers in Bangladesh from starting a new business. Manufacturers mentioned that the procedures should be prompt and fast tracked in order to operate their business at the proposed EZ

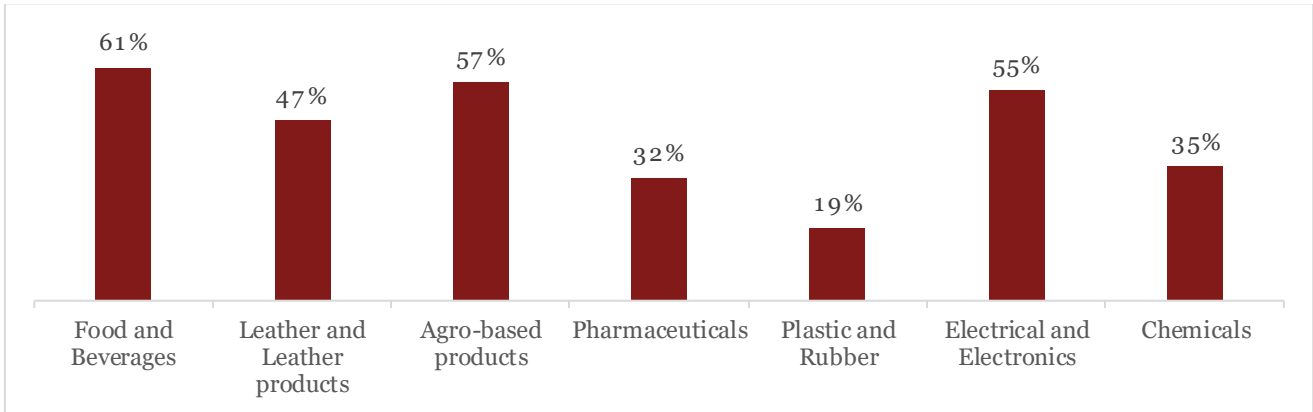
In the event of addressing the list of requirements that manufacturers are looking for to relocate their business into EZ, BEZA can expect several manufacturers to evince interest in the proposed EZ site

5.7.6. Arriving at the Final Shortlist of Industries

In order to understand the popularity and attractiveness of the six shortlisted industrial sectors (i.e. initial shortlist of industries) among the industrial respondents, each of the respondents were asked to answer if the respective industrial sector is best-fit the proposed EZ (in terms of the suitability of the site conditions and regional attributes pertaining to that industrial sector). For example, the respondents from Food & Beverages sector were asked to answer if Food & Beverages sector is fit for the proposed EZ in Jamalpur (basis site conditions and regional attributes to host this sector) or not.

Responses obtained from the industry players are presented in Figure 38-

Figure 38: Responses from Industry Players



Source: Primary Survey

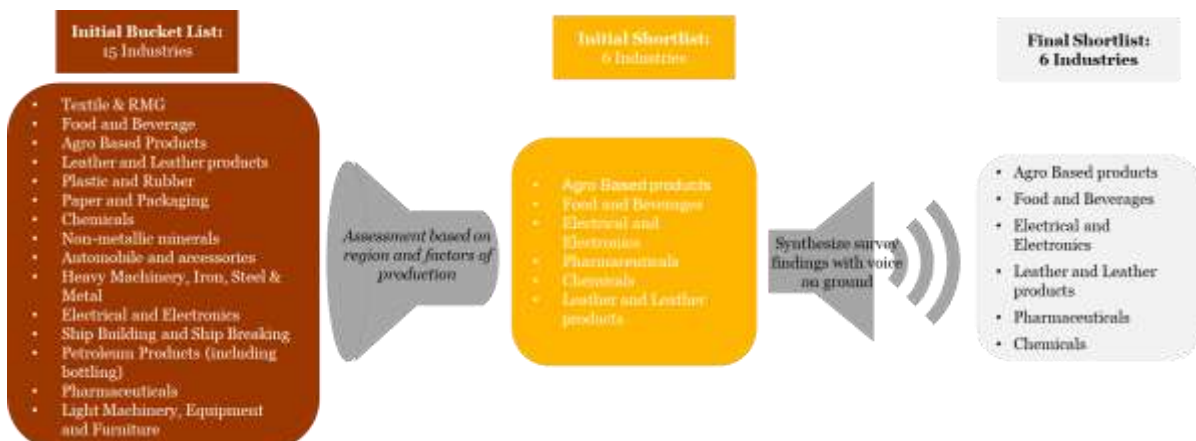
Figure 38 depicts that the following sectors have obtained most popularity from the investor community in the context of the proposed EZ:

- Food & Beverages
- Agro-based products
- Electrical and Electronics
- Leather and Leather Products
- Pharmaceuticals
- Chemicals
- Plastic and Rubber

5.7.7. Final Shortlist of Site Specific Industry Sectors

On basis of incorporating the feedback received during the survey, it can be safely deduced that from among the manufacturers contacted, out of the initial shortlisted sectors. Manufacturers mentioned that all the six sectors are popular with respective to the subject site. The manufacturers from Food and Beverage, Agro based products, Electrical/Electronics and Leather and Leather products have expressed positive interest in relocating their business to the proposed EZ site in Jamalpur. The following figure below depicts the step wise approach followed to arrive at the final short list of industries.

Figure 39: Industry shortlisting



Source: PwC Methodology

Considering the future prospects in the region and due to the fact that during on ground implementation the best fit may vary, therefore a holistic demand assessment exercise is performed on the six initial short list of sectors mentioned below

**Agro-based, Food and Beverage, Electrical and Electronics and Leather and leather products
&
Pharmaceuticals, Chemicals**

The industrial mix proposed is indicative in nature and based on our analysis and findings from primary survey. The choice of industries might change during on ground implementation based on the response received from market.

A demand forecast model will be prepared in the next chapter, for the above mentioned six industries to understand the land, utility and employment requirements for these industries over the years.

5.7.8. Sector Profiles

This section contains the profiles of all the six shortlisted sectors obtained through industry assessment exercise. This sector profile provides a brief overview about the various sub-categories of the sectors, sector overview, sector trends, barriers to investment in the sector and various utility requirements.

Table 41: Sector Profile - F&B Industry

Sector	Food & Beverage Sector
Sub-Categories Proposed	Fish and Shrimp Processing, Salt Processing, Fast Moving Consumer Goods (FMCG) like cake, biscuit, bread etc.
Sector Overview	<p>Based on secondary research, sector overview detailing on the production, market demand, foreign trade, and growth projections has been captured in chapter 5.3 and 5.4</p> <p>Based on responses received during primary survey, sector overview has been detailed out in the following-</p> <ul style="list-style-type: none"> • Out of the various sub-categories, demand for (i) fish and shrimp processing, and (ii) biscuits have witnessed significant growth in the past • Bangladesh specializes in fish and shrimp export; Khulna and Chattogram are the two main hubs for shrimp production. Bangladesh exports shrimp and fish over 600 to 700 million USD every year • Biscuit industry in Bangladesh has depicted growth of 15% YOY in the last few years.²²⁰ • Agriculture and aquaculture are the main pillars behind this industry in Bangladesh • FMCG constitutes major part of this industry and most of the FMCG oriented manufacturing plants are in proximity to Dhaka, Chattogram, Khulna, and Sylhet as these are the major consumption hubs

²²⁰ Biscuits and Confectioneries Industry of Bangladesh, Lightcastle Partners

	<ul style="list-style-type: none"> • Water is one of the most critical ingredients for this sector • Major players: Pran, Meghna, Abdul Monem, Olympics; this sector has witnessed participation of a large number of medium scale players
Sector Trends	<ul style="list-style-type: none"> • Mostly domestic focused sector, but export is rising • Since this sector is less dependent on import and dependent on domestic for both sourcing of input and sell of output, this sector is poised to witness sound growth due to rising income levels and increasing affordability. • Demand for nutrient rich, high quality food products is increasing. • Fish and Shrimp is a major export commodity and the demand has been depicting an increasing trend • Bangladeshi food & beverage exporters are exporting processed food products to 104 countries (major destinations being Middle East, India, and other South Asian countries). • Pran is the most prominent food and beverages player in the country and it has footprints in Middle East and in India • Meghna Group and Abdul Monem Group are the other players, which are quickly capturing market share • Fish and shrimp processing sector have small to large players; whereas Food and Beverages sector is dominated by medium and large players (some being foreign)
Current Barriers to Investment	Please refer to chapter 5.7.3
Land Requirements	<ul style="list-style-type: none"> • Land requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods). • Basis primary survey, typically medium scale players require 3 to 7 acres and large players require 10 to 20 acres for a single food & beverage manufacturing facility. • For fish and shrimp processing facility, area is dependent on capacity as there is a pond/ shrimp cultivation facility (artificially cultured pond) attached with the processing facility. • Following chapter delves into forecasting of industrial land requirement for this sector
Power Requirements	<ul style="list-style-type: none"> • Power requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods). • For medium scale facility, power requirement can vary from 0.5 to 1.4 MVA; whereas, for a large-scale facility, power requirement may vary from 1.6 MVA to 4 MVA

	<ul style="list-style-type: none"> • Following chapter delves into forecasting of industrial power requirement for this sector
Water Requirements	<ul style="list-style-type: none"> • Water requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods) • Current practice in Bangladesh is to install deep tube-wells and extract groundwater for industrial consumption. Permission from GoB needs to be taken to install the pump, however, there is no monitoring mechanism in place to check the amount of water extracted • For medium scale facility, water requirement can vary from 90 to 350 Cum/ day; whereas, for a large-scale facility, water requirement may vary from 300 cum/ day to 600 cum/ day • Following chapter delves into forecasting of industrial water requirement for this sector
Employment per Factory	<ul style="list-style-type: none"> • Manpower requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods) • For medium scale facility, typically 60 to 180 number of manufacturing related employees are employed; whereas for a large facility, typically 200 to 500 number of manufacturing related employees are employed in a facility • Following chapter delves into forecasting of manpower requirement for this sector

Table 42: Sector Profile - Agro Based Industry

Sector	Agro based Industry
Sub-Categories Proposed	Jute processing units, flour mills, rice mills, sugar mills, tobacco processing

<p style="text-align: center;">Sector Overview</p>	<p>Based on secondary research, sector overview detailing on the production, market demand, foreign trade, and growth projections has been captured in chapter 5.3 and 5.4</p> <p>Based on responses received during primary survey and secondary research, sector overview has been detailed out in the following-</p> <ul style="list-style-type: none"> • Agriculture is one of the major occupations in Bangladesh, and it employs more than half the workers in Bangladesh contributing ~17% to the national GDP • Rice and Jute are major crops produced in the country, and wheat is also gaining importance in the country now a days. • Jute is grown in large quantity in the south west part of Bangladesh, and hence jute industry is dominant in the region, especially Khulna division. • Rice is the major crops, and grown in almost every corner of the country, while wheat is dominant in the western Bangladesh. • Jute industry records export of appx one billion USD every year, while most of the cereals generated are directed towards domestic consumption market. Cereals recorded export of only ~9.5 million USD in 2019. • Tobacco processing is another major subindustry in this sector, with ~145 thousand hectares area under tobacco production in 2018, and estimated production of ~150 thousand MTs of tobacco. • The major consumption market for the product is the urban areas such as Dhaka, Chattogram, Sylhet, Jessore or Khulna. • Major players: Janata Jute Mills, Akij Jute Mills, Raipur Auto Rice Mills, Razzak Group of Industries, British America Tobacco Bangladesh; this sector has witnessed participation of a large number of medium scale players
<p style="text-align: center;">Sector Trends</p>	<ul style="list-style-type: none"> • Mostly domestic focused sector. • Products of flour mills, rice mills and sugar mills form the part of essential needs of the human being, and hence are likely to continue with high domestic demand. • These products also act as input to the food processing industry, which is likely to grow with the rising income levels in rural and urban regions. • Jute industry is currently unable to make profit as per the expectations, hence government through Bangladesh Jute Corporation is inducing capital in the business. • Private sector is depicting interest in the sector due to demand for bio-degradable and sustainable nature of fabric demand.²²¹

²²¹ The Recarnation of Jute, The Daily Star, 15th May 2018

	<ul style="list-style-type: none"> • Technology induction in rice mill and flour milling industry is improving productivity. • Rice production in the country is rising, but its growth rate is very less (~1.37% CAGR between 2014-18)²²² • Sugarcane production has depicted decline in the last three years (2015-18) from ~4.20 million MTs to 3.64 million MTs, while sugar import has also shown decrease from 2.4 million MTs to 2.3 million MTs (~-1.3% CAGR) during the same time. ²²³ • Sugar is mostly imported in Bangladesh, as the domestic production of sugarcane is limited in the country. • Tobacco production in the country is increasing year on year, with increase of ~3.8% year on year from 2014 to 2018, and exports growing at CAGR of ~15% from 2015 to 2019.²²⁴ • Agro based products is declared as the thrust sector by the GoB, and hence it is expected to grow in exports in the coming years.
Current Barriers to Investment	Please refer to chapter 5.7.3
Land Requirements	<ul style="list-style-type: none"> • Land requirement depends on the capacity of the factory, type of technology, type of sub-sector, and type of production method. • Basis primary survey, typically medium scale players require 3 to 7 acres and large players may require 8 to 15 acres for a single agro based product manufacturing facility. • Following chapter delves into forecasting of industrial land requirement for this sector
Power Requirements	<ul style="list-style-type: none"> • Power requirement depends on the capacity of the factory, type of technology, type of sub-sector, or type of production method • For medium scale facility, power requirement can vary from 0.4 to 1.1 MVA for single facility; whereas, for a large-scale facility, power requirement may vary from 1.1 MVA to 2.3 MVA for single facility • Following chapter delves into forecasting of industrial power requirement for this sector

²²² Agricultural Yearbook 2018

²²³ Agricultural Yearbook 2018, and ITC Trade map

²²⁴ ITC Trade map, and Tobacco Asia

Water Requirements	<ul style="list-style-type: none"> • Water requirement depends on the capacity of the factory, type of technology and type of sub-sector, or type of production method adopted. • For medium scale facility, water requirement can vary from 18 to 56 Cum/day for single facility; whereas, for a large-scale facility, water requirement may vary from 50 cum/ day to 120 cum/ day for single facility • Following chapter delves into forecasting of industrial water requirement for this sector
Employment per Factory	<ul style="list-style-type: none"> • Manpower requirement depends on the capacity of the factory, type of technology and type of sub-sector, or type of production method adopted. • For medium scale facility, typically 300 to 900 number of manufacturing related employees are employed; whereas for a large facility, typically 800 to 2000 number of manufacturing related employees are employed in a facility • Following chapter delves into forecasting of manpower requirement for this sector

Table 43: Sector Profile – Leather and Leather Products

Sector	Leather and Leather Products
Sub-Categories Proposed	Finished leather goods
Sector Overview	<p>Based on secondary research, sector overview detailing on the production, market demand, foreign trade, and growth projections has been captured in chapter 5.3 and 5.4</p> <p>Based on responses received during primary survey, sector overview has been detailed out in the following-</p> <ul style="list-style-type: none"> • Export Oriented industry, approx. 75-80% of total domestic production is exported in form of raw leather or finished products. • Bangladesh meets the demand for about 10% of the world's total leather market. • The exports from this sector are worth ~508 million USD in 2019 and has depicted growth of ~10% annually. • Leather industry clusters are located in Savar region, a Dhaka neighborhood with more than 150 tanneries, which is the largest cluster of leather in Bangladesh. • The raw material required for leather is animal hide and skin. Due to its large cattle population, Bangladesh has a good supply of leather.

	<ul style="list-style-type: none"> • The large portion of raw material comes from cow hides which account for 64.82 % of the production. • In tanneries, the raw animal skins and hides are processed to manufacture finished leather, which in turn is used to manufacture leather based products and footwear. • The Leather goods And Footwear Manufacturers & Exporters Association of Bangladesh (LFMEAB) is the recognized trade body uniting all the leather goods and footwear manufacturing companies in Bangladesh • Some of the major domestic players in Leather industry are: Alliance leather goods and footwear ltd, Sonali Aansh industries ltd, Iqra trade international, Ramim leather and finished goods corporation, Innove leather products ltd etc.
Sector Trends	<ul style="list-style-type: none"> • This sector has a potential to replicate the RMG success story as the demand for Bangladesh leather based products is increasing globally. • The leather industry has been identified as a priority sector based on its considerable growth over the years • The industry is growing rapidly and is expected to grow between 10-12% every year in the coming five years. • Production units for this growing sector are rising due to the planned economic zones and industrial parks in the country. • The domestic footwear market is now estimated with total demand of 30 million pairs per year, due to the rapid increase in the size of the middle class in the country²²⁵
Current Barriers to Investment	Please refer to chapter 5.7.3
Land Requirements	<ul style="list-style-type: none"> • Land requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods). • Basis primary survey, typically medium scale players require 3 to 5 acres of land; whereas large scale players require 7 to 12 acres for setting up a single Leather and Leather products sector manufacturing facility • Following chapter delves into forecasting of industrial land requirement for this sector
Power Requirements	<ul style="list-style-type: none"> • Power requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods). • For medium scale facility, power requirement can vary from 0.4 to 0.7 MVA for single facility; whereas, for a large-scale facility, power requirement may vary from 0.9 MVA to 1.5 MVA for single facility

²²⁵ <https://www.adb.org/sites/default/files/publication/467956/adb-brief-102-bangladesh-leather-industry.pdf>

	<ul style="list-style-type: none"> • Following chapter delves into forecasting of industrial power requirement for this sector
Water Requirements	<ul style="list-style-type: none"> • Water requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods) • For medium scale facility, water requirement can vary from 210 to 350 Cum/ day for single facility; whereas, for a large-scale facility, water requirement may vary from 500 cum/ day to 850 cum/ day for single facility • Following chapter delves into forecasting of industrial water requirement for this sector
Employment per Factory	<ul style="list-style-type: none"> • Manpower requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods) • For medium scale facility, typically 175 to 300 number of manufacturing related employees are employed in a single facility; whereas for a large facility, typically 400 to 700 number of manufacturing related employees are employed in a facility • Following chapter delves into forecasting of manpower requirement for this sector

Table 44: Sector Profile - Electrical and Electronics Sector

Sector	Electrical and Electronic Sector
Sub-Categories Proposed	Consumer durables such as TV, Refrigerator, Air Conditioners, Computer parts, Smartphones and other household appliances
Sector Overview	<p>Based on secondary research, sector overview detailing on the production, market demand, foreign trade, and growth projections has been captured in chapter 5.3 and 5.4.</p> <p>Based on responses received during primary survey, sector overview has been detailed out in the following-</p> <ul style="list-style-type: none"> • Bangladesh presently does not have integrated manufacturing facilities dedicated to the electricals and electronics sectors • The value chain of this sector in Bangladesh is mostly limited to assembly of spare parts imported from other countries and manufacturing of certain spare parts • Local players are dependent on import of raw materials and manufacturing of spare parts locally • Major products from this sector (such as electronic appliances like AC, fridge, TV, computer and peripherals; electrical fittings, cables, and lighting; Smartphones) are consumed locally. • Availability of skilled labor is one of the critical ingredients for this sector

	<ul style="list-style-type: none"> Major players: Rangs, Walton, Jamuna, Vision, Butterfly; this sector has witnessed participation of a large number of international players such as Sony, Samsung, LG, Panasonic, General, Miyako etc.
Sector Trends	<ul style="list-style-type: none"> Mostly domestic focused sector, but highly import dependent Since this sector is highly dependent on import and dependent on domestic for both assembly of inputs and sell of output, this sector is poised to witness sound growth due to the following reasons: <ul style="list-style-type: none"> Rise in disposable income Rise in organized retail & E-commerce Growing demand in rural markets Increasing affordability of products Rapid urbanization and brand awareness Apart from these, a younger population, shift towards nuclear families, rising Middle and Affluent Class (monthly household income of around \$400 or greater, known as MAC) which is expected to triple within 2025²²⁶ can also prove to be key drivers for the sector An emerging trend in this sector is the growing market for smartphones among the consumers. This overall demand surge has created possibilities for local manufacturers to establish profitable businesses. The locally manufactured devices started to enter the ecosystem during the last quarter of 2018 creating new dynamics in the market. Consumers who sought affordability and efficient value delivery started buying locally made handsets. During the first quarter of 2019, the smartphone market in Bangladesh grew 45% year-on-year (YoY) due to the advent of locally manufactured devices²²⁷ The volume of locally manufactured devices makes up 41% of Bangladesh's smartphone market. The continually growing market for consumer durable market (barring Smartphones) stood at USD 1.38 billion in 2017 is expected to grow to USD 2.39 billion by 2022²²⁸ Since major consumption hub is centered around Dhaka, the proposed EZ has good access to markets. Television and refrigerators are the most prominent product category in the sector with a total share of ~70% of the domestic market²²⁹ Walton is the most prominent domestic player in the country with a total market share of ~40% across TV and refrigerators categories²³⁰

²²⁶ BCG

²²⁷ <https://databd.co/stories/the-smartphone-market-ecosystem-of-bangladesh-9830>

²²⁸ [https://databd.co/profiles/industries/profile-consumer-electronics\(pre-COVID-projections\)](https://databd.co/profiles/industries/profile-consumer-electronics(pre-COVID-projections))

²²⁹ <https://databd.co/profiles/industries/profile-consumer-electronics>

²³⁰ <https://databd.co/profiles/industries/profile-consumer-electronics>

	<ul style="list-style-type: none"> • Singer and LG are the international players, which also capture significant shares of the market • Samsung holds the prime position in terms of market share in case of Smartphones followed by Walton, which is again a local player²³¹
Current Barriers to Investment	Please refer to chapter 5.7.3
Land Requirements	<ul style="list-style-type: none"> • Land requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods). • Basis primary survey, typically medium scale players require 1 to 4 acres of land; whereas large scale players require 5 to 11 acres for setting up a single electrical and electronics sector manufacturing facility • Following chapter delves into forecasting of industrial land requirement for this sector
Power Requirements	<ul style="list-style-type: none"> • Power requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods). • For medium scale facility, power requirement can vary from 0.1 to 0.5 MVA for single facility; whereas, for a large-scale facility, power requirement may vary from 0.6 MVA to 1.4 MVA for single facility • Following chapter delves into forecasting of industrial power requirement for this sector
Water Requirements	<ul style="list-style-type: none"> • Water requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods) • For medium scale facility, water requirement can vary from 40 to 160 Cum/day for single facility; whereas, for a large-scale facility, water requirement may vary from 200 cum/day to 450 cum/day for single facility • Following chapter delves into forecasting of industrial water requirement for this sector
Employment per Factory	<ul style="list-style-type: none"> • Manpower requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods) • For medium scale facility, typically 250 to 1000 number of manufacturing related employees are employed in a single facility; whereas for a large facility, typically 750 to 2750 number of manufacturing related employees are employed in a facility • Following chapter delves into forecasting of manpower requirement for this sector

²³¹ <https://databd.co/stories/the-smartphone-market-ecosystem-of-bangladesh-9830>

Table 45: Sector Profile – Chemicals

Sector	Chemicals
Sub-Categories Proposed	Fertilizers
Sector Overview	<p>Based on secondary research, sector overview detailing on the production, market demand, foreign trade, and growth projections has been captured in chapter 5.3 and 5.4.</p> <p>Based on responses received during primary survey, sector overview has been detailed out in the following-</p> <ul style="list-style-type: none"> • Due to the rapid industrialisation in the country, Chemicals sector in Bangladesh has triples in the last decade. • The Chemicals sector in Bangladesh is driven by domestic consumption with significant import dependency due to lack of integrated chemical manufacturing facilities. • Chemicals sector comprises various products viz. (i) fertilizer, (ii) adhesives & paints related products, and (iii) other chemicals. • Import of ~835 million USD worth organic chemicals in 2019, while ~392 million USD worth inorganic chemicals were imported in the same year. • Bangladesh is heavily dependent on import of Urea as well as finished product (Fertilizer), 68% of its total demand is met by imports. • Chemicals sector acts as the downstream sector for various sectors such as food processing, fertilizer and agro based, Appliance and foam industries , leather and plastic products, shipbuilding, and heavy machineries. • Currently Bangladesh imports chemicals from India, China, Germany, Japan, France etc.²³²
Sector Trends	<ul style="list-style-type: none"> • Bangladesh has a huge agricultural land, improvement of chemical sector may trigger agro and industrial revolution simultaneously. • Domestic production of chemicals is estimated to grow between 1-2% in the next five years. • High cropping intensity and decreasing soil intensity are the main demand drivers for this sector in the country. • Fertilizers will have high demand in proximity to the proposed EZ, due to the widespread agriculture based economy in the influence region.
Current Barriers to Investment	Please refer to chapter 5.7.3

²³² <https://www.daily-sun.com/post/412886/2019/08/04/Potentiality-of-our-chemical-sector>

Land Requirements	<ul style="list-style-type: none"> • Land requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods). • Basis primary survey, typically medium scale players require 3 to 6 acres of land; whereas large scale players require 8 to 14 acres for setting up a single Chemicals sector manufacturing facility • Following chapter delves into forecasting of industrial land requirement for this sector
Power Requirements	<ul style="list-style-type: none"> • Power requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods). • For medium scale facility, power requirement can vary from 0.5 to 1.25 MVA for single facility; whereas, for a large-scale facility, power requirement may vary from 1.5 MVA to 2.6 MVA for single facility • Following chapter delves into forecasting of industrial power requirement for this sector
Water Requirements	<ul style="list-style-type: none"> • Water requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods) • For medium scale facility, water requirement can vary from 180 to 360 Cum/ day for single facility; whereas, for a large-scale facility, water requirement may vary from 480 cum/ day to 840 cum/ day for single facility • Following chapter delves into forecasting of industrial water requirement for this sector
Employment per Factory	<ul style="list-style-type: none"> • Manpower requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods) • For medium scale facility, typically 500 to 1000 number of manufacturing related employees are employed in a single facility; whereas for a large facility, typically 1300 to 2500 number of manufacturing related employees are employed in a facility • Following chapter delves into forecasting of manpower requirement for this sector

Table 46: Sector Profile – Pharmaceuticals

Sector	Pharmaceuticals
Sub-Categories Proposed	Manufacturing of generic and patented drugs
Sector Overview	Based on secondary research, sector overview detailing on the production, market demand, foreign trade, and growth projections has been captured in chapter 5.3 and 5.4

	<p>Based on responses received during primary survey, sector overview has been detailed out in the following-</p> <ul style="list-style-type: none"> • The pharmaceutical sector is one among the fastest growing sector in Bangladesh. According to Bangladesh bureau of statistics , the sector contributed to 1.83% of GDP in 2018²³³ • Historical 5 years CAGR: 15.6% • Per capita healthcare expenditure of Bangladesh grew at an average rate of 11.0% in the last 10 years whereas gross national income (GNI) per capita grew at a rate of 6.0% in 2018.²³⁴ • Bangladesh enjoys comparative advantage due to its cheap labour and adequate amount of skilled labour. • Bangladesh imports 99.5% of raw materials or APIs for producing medicines mainly from China and India. • To reduce the important dependency and to facilitate steady supply of raw materials, API park in Gazaria, Munshiganj is envisaged by GoB. • Square, Incepta pharma, Beximco, Opsonin Pharma are the major pharma companies in Bangladesh.
Sector Trends	<ul style="list-style-type: none"> • Of the total amount of drugs produced locally, 80.0% are generic and 20.0% patented drugs • Bangladesh’s pharmaceuticals sector is expected to grow at 15 percent for the next five years²³⁵ • Demand for the drugs is going to increase as the population is expected to grow at 1 CAGR from 167 Mn in 2018 to 176 Mn in 2023 with increase in life expectancy • Due to the rapid growth of chronic diseases, increase in health care facilities combined with modern technology, the growth of the domestic drug market is increasing. • Non communicable diseases to surge by 35 from 32 7 Mn in 2016 to 50 6 Mn in 2030 • As an LDC, the country will not need to pay any royalty for producing patent drugs till 2033, which is a great opportunity to increase its export share.
Current Barriers to Investment	Please refer to chapter 5.7.3
Land Requirements	<ul style="list-style-type: none"> • Land requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods).

²³³ Bangladesh Bureau of Statistics

²³⁴ IMS Health report 2018

²³⁵ <https://www.thefinancialexpress.com.bd/views/expediting-completion-of-api-industrial-park-1567005771>

	<ul style="list-style-type: none"> • Basis primary survey, typically medium scale players require 2 to 4 acres of land; whereas large scale players require 6 to 12 acres for setting up a single Pharmaceuticals sector manufacturing facility • Following chapter delves into forecasting of industrial land requirement for this sector
Power Requirements	<ul style="list-style-type: none"> • Power requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods). • For medium scale facility, power requirement can vary from 0.3 to 0.6 MVA for single facility; whereas, for a large-scale facility, power requirement may vary from 0.9 MVA to 1.8 MVA for single facility • Following chapter delves into forecasting of industrial power requirement for this sector
Water Requirements	<ul style="list-style-type: none"> • Water requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods) • For medium scale facility, water requirement can vary from 120 to 240 Cum/ day for single facility; whereas, for a large-scale facility, water requirement may vary from 360 cum/ day to 720 cum/ day for single facility • Following chapter delves into forecasting of industrial water requirement for this sector
Employment per Factory	<ul style="list-style-type: none"> • Manpower requirement depends on the capacity of the factory, type of technology and type of sub-sector (finished goods) • For medium scale facility, typically 300 to 600 number of manufacturing related employees are employed in a single facility; whereas for a large facility, typically 900 to 1800 number of manufacturing related employees are employed in a facility • Following chapter delves into forecasting of manpower requirement for this sector

Sectoral overview and the numbers mentioned in the sectoral profile are on the basis of primary surveys, while the sectoral trend is a blend of primary and secondary research. The detailed demand assessment of the above-mentioned industries will be taken up in demand assessment chapter based on the inputs of the primary survey.

5.8. Key Takeaways

In order to arrive at the most suitable industries in site surrounding context, an industry assessment framework comprising of top-down (secondary research) and bottom-up (primary survey) was adopted.

The **top-down approach** identifies 15 best-performing industrial sectors (initial bucket list of industries) in the country context based on historical trend analysis of industrial production and foreign trade. At the next level, sectoral outlook of these industries was studied in detail to understand about (i) raw material sourcing, (ii) major markets being served, and (iii) factors of production (such as utility, logistics, and manpower) necessary.

In-depth regional landscape assessment of the influence region (comprising of adjoining districts) surrounding the proposed EZ was undertaken in light of (i) economic profiling, (ii) natural resources

(agricultural, marine, and mineral), (iii) industrial ecosystem in the influence region, and (iv) availability of semi-skilled and skilled manpower. Markets in Dhaka city can be accessed for the end products as the industries in the proposed EZ will have access to consumer markets.

Regional assessment depicts the suitability of the initial bucket list of industries in site surrounding and influence region context. **Six industries were initially shortlisted** ex post facto this regional landscape assessment. Primary set of industries are: (a) Agro-based, (b) Food & Beverage industry, (c) Electrical and Electronics, and (d) Leather and Leather Products ; Secondary set of industries are: (a) Pharmaceuticals, (b) Chemicals

On-ground primary survey was undertaken to validate the aptness of these initially shortlisted industries and to capture the feedback from investors. A total of 103 respondents (comprising of 79 Bangladeshi and rest foreign) were surveyed. Voice on ground also captured that the investors are facing challenges regarding high customs duties, time consuming customs clearance procedures, power shortage, unavailability of fuel (natural gas), and with overall logistics scenario in the country. These challenges (country specific, site specific, and sector specific) are causing hindrances to investment. Among the various site-specific challenges faced by manufacturers, hindering investment towards proposed EZ, it was observed that distance from the Chittagong Port is listed as the common reason by the manufacturers.

Respondents opined that they have certain pre-requisites of investment. **Key pre-requisites** as divulged by the primary survey are:

- Qualified staff
- Availability of labor
- Availability of raw materials
- Access to CETP/STP
- Uninterrupted access to quality utility services (power, water, and gas)
- Warehousing facility
- Subsidized industrial land space and utility tariffs
- Prompt administrative procedures
- Access to concessional loans
- Corporate income tax subsidy

Many fiscal and infrastructure related pre-requisites are already under implementation by BEZA as part of its EZ incentive package and operational guidelines.

The section above identifies the prospective sectors which are most suitable for the proposed EZ and same will be considered while assessing the year on year land demand. The sub-sector level assessment to identify the most suitable product/sub-sector which EZ can target has been furnished in Annexure 15.

Following sectors have emerged as most suitable for this proposed EZ –

Primary set of industries

- Agro-based
- Food and Beverage
- Electrical and Electronics
- Leather and leather products

Secondary set of industries

- Chemicals
- Pharmaceuticals

6. Demand Forecast

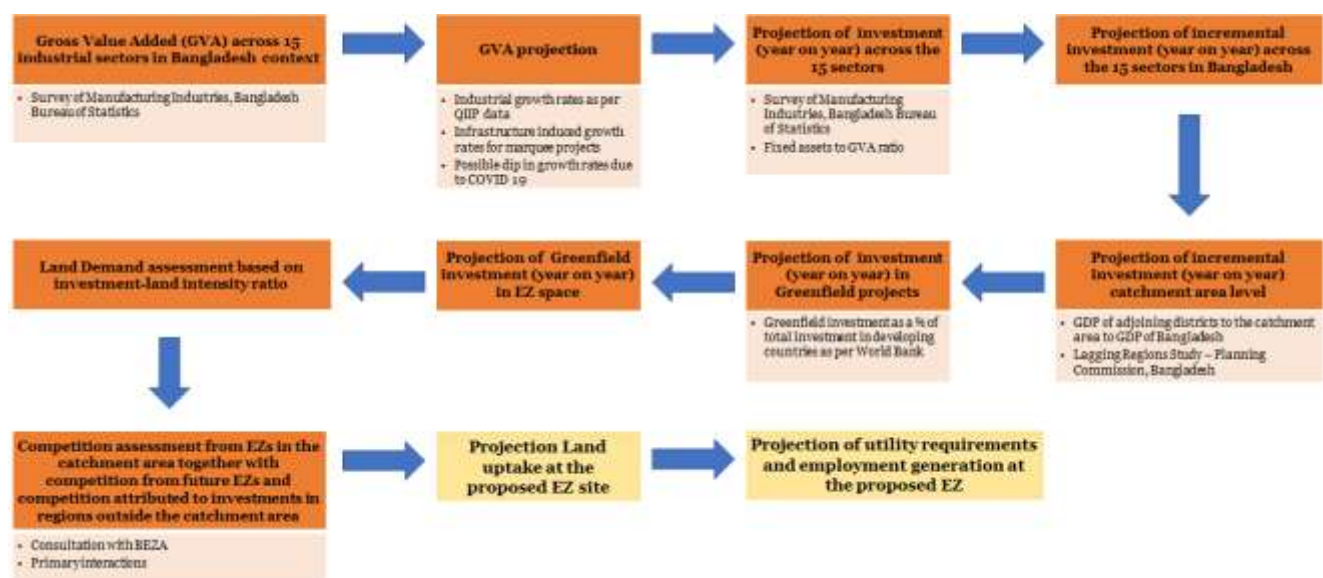
6.1. Purpose and Objective

The former chapter assessed various industrial sectors in the perspective of national and regional landscapes, and identifies the key sectors having potential to be developed in the proposed economic zone. As a next step, this chapter delves into estimating the year on year demand generated by these industries through a mathematical model prepared using statistics techniques. The model attempts to estimate the demand for land for the proposed economic zone for a span of 20 years. It also attempts to estimate the year on year demand for various utilities such as power, and water, and year on year employment generation. Basis the key findings of this demand model, land demand uptake and potential industrial mix for the proposed EZ is arrived at; this forms the basis of the best practice master planning and infrastructure planning.

6.2. Methodology of Demand Forecast

For estimation of demand of various parameters for the proposed economic zone, up-down approach is used, where macroeconomic parameters are estimated initially at the national level, and then they are boiled down to the regional level in order to understand the potential demand at the proposed economic zone. Figure 40 given here depict the methodology for the demand forecast.

Figure 40: Overall approach for demand forecast



Source: PwC Analysis

Stepwise approach has been elucidated in the following-

1. As a first step in demand forecasting exercise, GVA (Gross Value Addition) of best performing 15 industrial sectors is taken from SMI 2012 database for further forecasting purpose.²³⁶
2. GVA for these 15 industrial sectors have been forecasted based on industrial growth rates. It has been considered that these growth rates are generating owing to the organic growth rate(s) of the respective industrial sector(s). The possible dip in growth rates due to COVID 19 pandemic is also taken into consideration for years between 2020 to 2025.

²³⁶ GVA stands for gross value addition for a given industry in a span of one year. The term is different from gross product, where gross value of final product is considered for calculation.

QIIP published for the month of May 2019 by BBS has been analyzed to find out CAGR for each of these industry sectors. The results obtained from the same have been further validated by detailed secondary research on sectoral outlook and industry trends in Bangladesh. Data points in support to these parameters are furnished in the annexure.

The decrease growth rates for different industries have been estimated in proportion to the decrease in growth rates of Bangladesh estimated by The World Bank in its report depicting the impact of COVID 19 on South Asia. The dips are taken after detailed assessment of possible impact of COVID 19 on various industries, which is further rated on a scale from one to five.

3. The year on year investment is calculated from the projected GVA values of the 15 industrial sectors using investment to GVA ratios (calculated from SMI 2012 data). Further GDP contribution of districts in the influence area is used to estimate the incremental investment in the influence region (defined in section 5.5 – “Regional Assessment”).
4. The investment projections are discounted further to boil down to the investments that will be accrued to the Greenfield projects in the influence area of the proposed EZ. The resulting investment forecast in Greenfield projects in the afore-mentioned influence area is subsequently discounted further to ascertain the magnitude of investment (year on year) that would be accrued to the Economic Zone space.
5. Investment-land intensity ratio is assessed on the basis of secondary research, industry sector outlook, and primary interaction with industries, which is further used to estimate the year on year land uptake in the various economic zones in the influence area.
6. In addition to the proposed EZ, various other economic zones are planned within its influence area. In consultation with BEZA officials and past experience, land uptake in these proposed economic zones have been prepared. After considering competition from these economic zones within the influence area, land uptake projection at the proposed EZ is arrived at.
7. Based on the shortlisted industry sectors suitable for the proposed EZ (identified in last chapter), land uptake projection has been calculated. Proceeds from the same have been used to formulate the best practice master planning and accordingly infrastructure requirements have been assessed.
8. Referring to secondary research and prevailing best practices, utility requirements and employment generation (per unit area) have been considered. These index figures have been validated through the primary interaction held on ground. Based on the same, projection of utility requirements and employment generation for the proposed EZ has been estimated.

It is to be noted that forecasting of land uptake, utility requirements and employment generation are based on the hypothesis elaborated above. Actual scenario during on-ground development of the proposed EZ may vary than this estimation.

6.3. Demand Scenarios and Associated Assumptions

6.3.1. Demand Scenarios

Three scenarios have been considered while developing the demand forecasting model.

- Aggressive case: Economic conditions of Bangladesh and the region are improving and behaving better than expected; as a result of the same, macro-economic indicators showing good prospect and potential infrastructure projects are commencing as scheduled.
- Base case: Economic conditions of Bangladesh and the region are showing steady trend and behaving as expected; macro-economic indicators also indicating good prospect.
- Conservative case: Economic conditions of Bangladesh and the region are showing lagging trend and behaving worse than expected; macro-economic indicators indicating hindrances to growth.

All the three cases take into consideration the impact of COVID 19 pandemic on the country's economy.

6.3.2. Key Assumptions

1. Timing and related assumptions

Looking at the landscape of competing economic zones in the country, various economic zones are at an advanced stage of development. These economic zones are Mirsarai Bangabandhu Sheikh Mujib Industrial City²³⁷, BEZA owned zones (like Dhaulghata in Maheshkhali, Jamalpur), 20²³⁸ private EZs which have received final license & pre-qualification license, PPP EZ in Mongla, and G2G EZs (like Japanese EZ in Araihaazar, Chinese EZ in Anowara, Indian EZ in Mongla). There also lies the possibility that new EZs may be launched in the short term (coming five years). Market intelligence and hypothesis formed based on input from BEZA indicates that in the coming five years, majority of the investment in these EZs (which are at advanced stages of development and the possible new entrants) could be directed towards these EZs (which are at an advanced stage of development) and in EZs which are located in proximity to Dhaka and Chattogram. Considering the same, uptake at the proposed Jamalpur EZ was assumed to start in medium term (i.e. after the next four to five years) and thus it had been previously assumed in the model that industrial space uptake should commence from 2026 onwards.

In the post-COVID era, investors could be more risk averse in choosing an investment destination within Bangladesh and may express interest in more commercially prosperous clusters of the country. The impact of the COVID pandemic could also prompt investors to re-think their investment plans which may impact demand of industrial space uptake in economic zones.

Keeping cognizance of the above, we re-visited our earlier analogy and further it has been assumed that regulatory activities and study on the proposed EZ would start from 2022 owing to competition from other EZ locations and also factoring in the expected long-term effect of the global pandemic situation. Thus, construction activities can begin from 2024. Taking cues from similar developments across the globe, and the area being 402.66 acres, construction timeline of 4 years (from 2024 to 2027) has been considered.

Basis above timelines, it has been assumed that land uptake in the proposed EZ to commence from 2027 and accordingly a demand model has been prepared for 20 years (i.e. from 2027 to 2046).

2. Industries considered for this assessment

As elaborated in earlier chapter, following industries have been identified for the demand projection framework.

Primary set of industries:

- Food & Beverages
- Agro-based Industries
- Leather and Leather products
- Electrical and Electronics

Secondary set of industries:

- Pharmaceuticals
- Chemicals

3. Assumptions related to industrial growth rate (organic)

²³⁷ This is an integrated industrial arcade comprising of industrial tenants, PPP developers (such as SBG), and other developers (like BEPZA, BGMEA, Indian EZ to name a few). Mirsarai Bangabandhu Sheikh Mujib Industrial City is spread over 30,000 acres and details about the land allotment has been obtained from BEZA officials

²³⁸ As per the information obtained from BEZA, details are provided in the annexure.

Basis primary survey of industrial units, growth trend and changing investment landscape in the country context were assessed. Based on the responses recorded during primary survey, organic industrial growth has been taken into cognizance. These growth rates are also revised for considering the possible impact of COVID 19 pandemic.

As outlined in the methodology of the demand forecast, following organic industrial growth rates have been assumed. The values considered are on the conservative side. Detailed rationale behind these assumptions are placed as annexure.

Table 47: Organic industrial growth rate related assumptions

Industrial Sectors	Description of the Assumptions
Food & Beverages	<ul style="list-style-type: none"> • 8.5% annual growth from 2012 to 2019 • 10% annual growth from 2028 to 2030 • 9% annual growth from 2031 to 2046
Agro based products	<ul style="list-style-type: none"> • 8% annual growth from 2012 to 2019 • 10% annual growth from 2028 to 2031 • 8% annual growth from 2022 to 2046
Leather and Leather products	<ul style="list-style-type: none"> • 7% annual growth from 2012 to 2019 • 8% annual growth from 2028 to 2030 • 7% annual growth from 2031 to 2046
Electrical and Electronics	<ul style="list-style-type: none"> • 12% annual growth from 2012 to 2018 • 15% annual growth from 2019 • 12% annual growth from 2028 to 2046
Pharmaceuticals	<ul style="list-style-type: none"> • 10% annual growth from 2012 to 2018 • 12% annual growth in 2019 and 2028 • 10% annual growth from 2029 to 2046
Chemicals	<ul style="list-style-type: none"> • 7% annual growth from 2012 to 2016 • 8% annual growth from 2017 to 2019 • 8% annual growth from 2028 to 2046

Note: For span between 2020 to 2027, the growth rates are impacted majorly due to COVID 19, and hence are estimated separately. Hence, they are not mentioned in the above table.

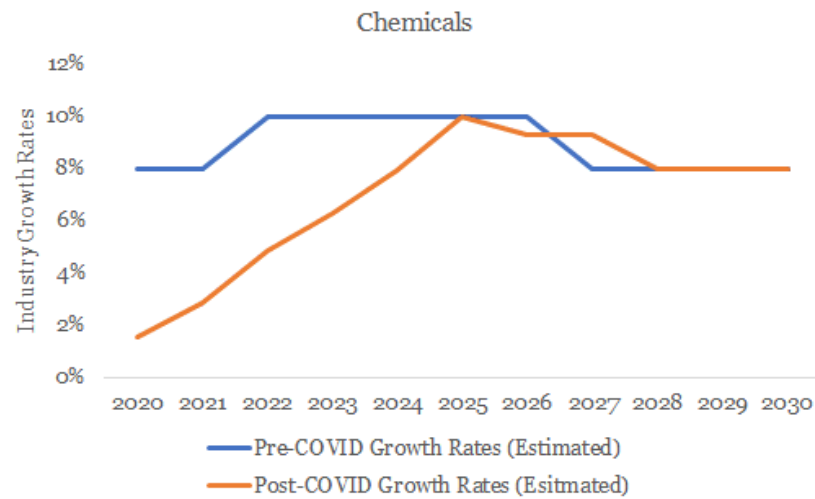
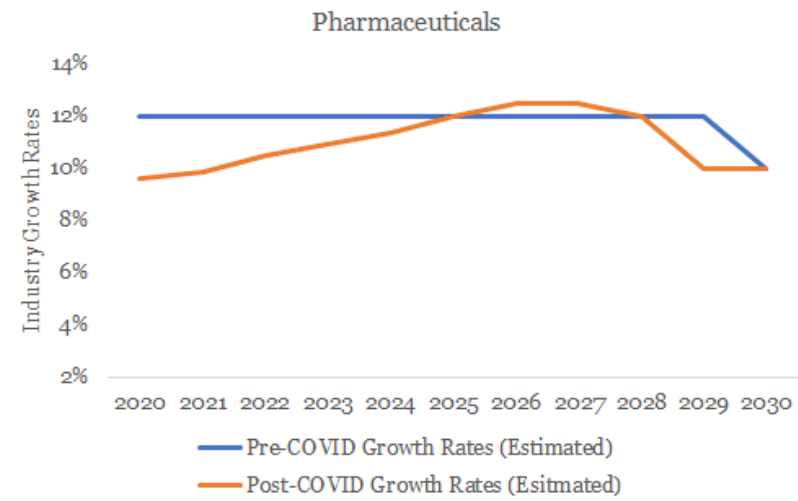
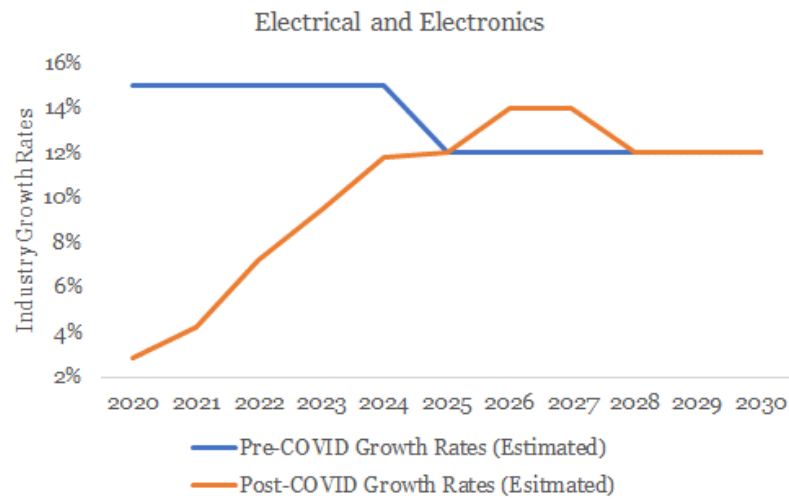
Source: QIIP May 2019 by Bangladesh Bureau of Statistics; Secondary Research and PwC Analysis

On the other side, the growth rates between 2020 and 2027 are majorly impacted due to COVID 19 outbreak started in 2020. Figure 41 depicted the impacted growth rates for the above industries due to COVID 19 during this period.

Figure 41: Revised Growth Rates of Industries due to COVID 19 pandemic



Figure 42: Revised Growth Rates of Industries due to COVID 19 pandemic



The Rationale behind the growth rates:

Due to the outbreak of COVID 19 pandemic in the country, and across the globe, the industry growth for various industrial sectors is expected to suffer in short term. In order to consider this, each industry is assessed in the perspective of COVID 19 pandemic impact, and revised growth rates are estimated based on the economic forecasts of the World Bank. These industrial growth rates are estimated to dip in the initial years (2020 to 2025), while they are expected to pick up due to low base effect along with possible economic boom for next couple of years. From Figure 41, the dip in growth rates between 2020 to 2025 can be observed, while the expected boom post the dip can also be seen for year 2026 and 2027.

4. Assumptions related to investment inflow in the influence area of the proposed EZ in Jamalpur

Out of the total investment forecasted at the country level, certain portion is expected to inflow at the influence area (refer to section 5.5 – “Regional Assessment”) level for the proposed EZ. A part of this investment inflow is Greenfield in nature (involves setting up of new facilities). Out of the total Greenfield investment estimated at the influence area level, it has been assumed that a certain quantum would take place in the economic zones proposed within this area. Following table captures the assumptions related to investment inflow in economic zones of the influence area for the proposed EZ.

Table 48: Assumptions related to investment inflow in economic zones of Mymensingh division

Details	Conservative	Base	Aggressive
Investment in the EZ influence area as % of the total investment estimated for the country	14.5%	15.0%	15.5%
% of Greenfield investment	49.0%	50.0%	51.0%
Investment in economic zones (%) out of total Greenfield investment	29.0%	30.0%	31.0%

Source: Secondary research and PwC Analysis

Based on information availed from secondary research and PwC analysis, the districts constituting the influence area of the proposed EZ contributes to ~15.4% of GDP of the country. Thus, investment in this influence area has been assumed as 15% (in base case) of the total investment inflow in the country. Research articles suggest that in developing countries, % of Greenfield investment is ~57.85%.²³⁹ Thus in base case, 50% of Greenfield investment has been assumed.

BEZA has embarked into an ambitious journey of setting up of 100 economic zones across Bangladesh by 2029. In addition, a significant number of these planned EZs are proposed in the Dhaka and Chattogram division. Keeping in cognizance of the same, it has been assumed that in base case, 30% novel investment in economic zones (out of total Greenfield investment) would flow in.

Detailed rationale behind these assumptions are placed as annexure.

5. Assumptions related to investment-land intensity and number of establishments

Based on prevailing practices and primary interaction with industries and taking in cognizance similar developments in the geographical context, investment-land intensity ratio (investment per unit land area) for the shortlisted industries have been arrived at. These figures are indicative in nature and may vary depending on the exact stage of value chain and the type of finished goods.

It is very difficult to estimate number of industrial establishments in any economic zone during project conceptualization stage. Synthesizing number of industrial establishment data obtained from Survey of Manufacturing Industries 2012 with the feedback obtained from primary survey, number of industrial

²³⁹ http://documents.worldbank.org/curated/en/628261468781753575/110510322_20041117173021/additional/325780wps3192.pdf

establishments per unit acre figures have been arrived at. It has also been taken into consideration that as per prevailing BEZA development guidelines, minimum land plot size is 1 acre.

While calculating the above, it has been assumed that the proposed EZ houses only small, medium, and large-scale industries.²⁴⁰

Table 49: Assumptions related to investment-land intensity ratio

Industrial Sectors	Investment (BDT million) per acre	Area (acre) Requirement for each industrial establishment (small, medium and large)
Food & Beverages	36.76	2.00
Agro-based Industries	52.87	1.00
Leather and Leather products	48.30	2.00
Electrical and Electronics	176.13	1.00
Pharmaceuticals	153.13	1.00
Chemicals	223.17	1.00

Source: Secondary research, primary interaction with industries and PwC Analysis

6. Assumptions related to competition from other proposed EZs within influence division

Basis discussion with BEZA officials and data provided in BEZA website, information on the competing manufacturing EZs within the influence area have been gathered. Following table captures information about the same.

Table 50: Competing economic zones within influence division

Sl. No.	Name of EZ	Location	District	Gross area in acres ²⁴¹	Remarks
1	Jamalpur Economic Zone 1	Jamalpur Sadar	Jamalpur	436	Govt. driven
2	Mymensingh Economic Zone, Ishwar Ganj	Ishwar Ganj	Mymensingh	488	Govt. driven
3	Mymensingh Economic Zone	Mymensingh Sadar	Mymensingh	494	Govt. driven
4	Akiz Economic Zone	Trishal	Mymensingh	100	Private
5	Sherpur Economic Zone	Sherpur Sadar	Sherpur	361	Govt. driven
6	Hamid Economic Zone	Trishal	Mymensingh	153	Private
7	Investments opting for other regions in the	-	-	813	Investments in the EZ space

²⁴⁰ Definitions of Small, Medium, and Large industries are as per Survey of Manufacturing Industries (2012) published by Bangladesh Bureau of Statistics

²⁴¹ This indicates the total area of the competing EZs. Details of the same and the occupancy pattern (as per market intelligence and discussion with BEZA officials) are furnished in the annexure

Sl. No.	Name of EZ	Location	District	Gross area in acres ²⁴¹	Remarks
	country & Future competition				can also deviate towards other regions in the country owing to the prosperity of the Dhaka division. In order to factor that in our calculations and to factor the effect of future competitions that may creep up in the form of more EZs in the same influence area, we have assumed that ~30% of the total land of the competing zones will be contributing to lost demand in the form of investments opting for other regions in the country & future competition

Source: BEZA website and discussion with BEZA officials

In line with the above information, industrial space uptake in the competing EZs have been assumed. Details of the same are placed in the annexure. Basis market intelligence and suggestions obtained from various BEZA officials, and realistic development scenarios of these competing EZs, this assumption has been formulated. However, on ground scenario may vary than this assumption.

7. Industrial space requirement as % of total land area

In any EZ, a certain proportion is allotted for industrial space. Remaining portion is kept reserved for allied on-site infrastructure (such as internal road connection, water and sewer system, effluent treatment facilities and utility connection) and non-processing zone (such as entrance plaza, social infrastructure, skill development facilities, green space and other amenities). Typically, 65% to 75% of the total land area is earmarked for industrial purposes. In small land parcels, this % is higher and it is lower for large land parcels. Considering the small size of this land parcel (402.66 acres), it has been assumed that 75% of the total land area would be earmarked for industrial purposes. However, this is tentative and based on development guidelines of BEZA & similar developments worldwide.

8. Utility requirements and employment generation

Standard industry benchmarks and excerpts from the primary survey have been referred to arrive at the benchmark figures (per unit area) towards estimation of utility requirements and direct employment generation. It is to be noted that these figures are indicative in nature. These figures may vary during on-ground implementation of the proposed EZ and as per the stage in the value chain for the industry. These figures are also dependent on the production capacity and exact type of finished goods being produced.

Following table captures these benchmark figures.

Table 51: Utility requirements and employment generation - benchmark figures

Industry sectors	Power requirements (kVA per acre)	Water requirements (Cum per day per acre)	Direct Employment generation (Number per acre)
Food & Beverages	185.00	40.00	23
Agro based industries	145.00	40.00	119
Leather and Leather Products	125.00	70.00	54
Electrical & Electronics	125.00	40.00	253
Pharmaceuticals	145.00	60.00	149
Chemicals	185.00	60.00	164

Source: Industry best practices & standard benchmarks, primary survey

Basis primary survey, most of the industries use gas as fuel source to generate power and for boiler usage. Depending on the value chain requirements and requirements of factors of production, the same would vary. It is very difficult to estimate gas requirements without comprehending the exact requirements and exact product type from these industries. Thus, estimation of gas requirement has not been carried out in this module.

6.4. Demand Forecasting

6.4.1. Industrial Space Uptake

Based on the above stated assumptions, industrial space occupancy for the three scenarios are captured in the following table.

Table 52: Industrial space occupancy (in %) for the three scenarios (cumulative)

Scenarios	2027	2028	2029	2030	2031	2032
Conservative	6%	10%	14%	20%	25%	32%
Base	7%	12%	18%	25%	32%	40%
Aggressive	9%	15%	22%	31%	39%	49%

Source: Statistical projection technique; Demand Forecasting

Table 53: Industrial space occupancy (in %) for the three scenarios (cumulative)

Scenarios	2033	2034	2035	2036	2037	2038 to 2046
Conservative	39%	46%	53%	67%	93%	100%
Base	50%	58%	67%	84%	100%	100%
Aggressive	61%	71%	83%	100%	100%	100%

Source: Statistical projection technique; Demand Forecasting

In the Pre-COVID scenario, our analysis indicated that across the three scenarios (i.e Conservative, Base and Aggressive), it is taking 11, 10 and 9 years respectively for the zone to achieve full occupancy (uptake year starting from 2026). In the post-COVID scenario, the uptake trend has changed as now it is taking 12, 11 and 10 years (for Conservative, Base and Aggressive scenarios respectively) for the EZ to achieve full occupancy. Moreover, slowdown in industrial growth has affected the demand of industrial land in the short term, which is evident through the fact that the EZ fails to gain land demand in 2026 (as it did previously) and as a result uptake has been shifted to start from 2027.

Detailed calculations are furnished in the annexure. Following tables elucidates the industrial sector wise industrial space uptake for the three scenarios.

Table 54: Industrial space uptake- Conservative Scenario (figures in acres) - cumulative

Industries	2027	2028	2029	2030	2031	2032
Food & Beverages	13	22	31	44	55	70
Agro-based industries	1	1	1	2	2	3
Leather and Leather Products	1	2	3	4	4	5
Chemicals	0	1	1	2	2	2
Electrical & Electronics	1	1	2	2	3	4
Pharmaceuticals	2	4	5	7	9	11
Total	18	30	42	60	76	96

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

Table 55: Industrial space uptake- Conservative Scenario (figures in acres) - cumulative

Industries	2033	2034	2035	2036	2037	2038 onwards
Food & Beverages	86	100	116	146	203	219
Agro-based industries	4	4	5	6	8	9
Leather and Leather Products	7	8	9	11	15	16
Chemicals	3	4	4	5	7	8
Electrical & Electronics	5	6	7	10	14	15
Pharmaceuticals	14	16	19	24	33	36
Total	119	138	160	201	280	302

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

Table 56: Industrial space uptake- Base Scenario (figures in acres) - cumulative

Industries	2027	2028	2029	2030	2031	2032
Food & Beverages	16	27	39	55	71	89
Agro-based industries	1	1	2	3	3	4
Leather and Leather Products	1	2	3	5	6	7
Chemicals	1	1	1	2	3	3
Electrical & Electronics	1	2	2	3	4	5
Pharmaceuticals	3	4	6	9	11	14
Total	22	38	54	76	97	122

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

Table 57: Industrial space uptake- Base Scenario (figures in acres) - cumulative

Industries	2033	2034	2035	2036	2037	2038 onwards
Food & Beverages	109	127	148	183	219	219
Agro-based industries	5	5	6	8	9	9
Leather and Leather Products	8	10	11	13	16	16
Chemicals	4	5	5	6	8	8
Electrical & Electronics	7	8	9	12	15	15
Pharmaceuticals	17	20	24	30	36	36
Total	150	175	204	252	302	302

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

Table 58: Industrial space uptake- Aggressive Scenario (figures in acres) - cumulative

Industries	2027	2028	2029	2030	2031	2032
Food & Beverages	19	33	48	68	87	109
Agro-based industries	1	1	2	3	4	5
Leather and Leather Products	2	3	4	6	7	9
Chemicals	1	1	2	2	3	4
Electrical & Electronics	1	2	3	4	5	6
Pharmaceuticals	3	5	8	11	14	17
Total	26	46	67	94	119	149

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

Table 59: Industrial space uptake- Aggressive Scenario (figures in acres) - cumulative

Industries	2033	2034	2035	2036	2037	2038 onwards
Food & Beverages	133	156	182	219	219	219
Agro-based industries	6	7	8	9	9	9
Leather and Leather Products	10	12	14	16	16	16
Chemicals	5	6	6	8	8	8
Electrical & Electronics	8	10	11	14	14	14
Pharmaceuticals	21	25	29	36	36	36
Total	184	215	250	302	302	302

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

In accordance to the above estimated land demand, number of industrial establishments (small, medium, and large) has also been estimated. Following table (in the next page) captures the same.

Table 60: Estimation of Industrial Establishments- cumulative

Scenarios	2027	2028	2029	2030	2031	2032
Conservative	11	18	26	36	46	58
Base	13	23	33	46	59	74
Aggressive	16	28	41	57	72	91

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

Table 61: Estimation of Industrial Establishments- cumulative

Scenarios	2033	2034	2035	2036	2037	2038 Onwards
Conservative	72	84	97	123	171	185
Base	91	107	124	154	185	185
Aggressive	112	131	152	184	184	184

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

6.4.2. Utility Requirements

In line with the industrial space uptake projections, following tables elaborates the forecasting of utility (power and water) requirements at the proposed EZ.

Table 62: Power Requirements- Three Scenarios (figures in MVA) – cumulative

Scenarios	2027	2028	2029	2030	2031	2032
Conservative	3.15	5.16	7.35	10.36	13.18	16.62
Base	3.81	6.48	9.39	13.19	16.81	21.11
Aggressive	4.50	7.88	11.55	16.19	20.65	25.87

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

Table 63: Power Requirements- Three Scenarios (figures in MVA) – cumulative

Scenarios	2033	2034	2035	2036	2037	2038 onwards
Conservative	20.57	23.87	27.62	34.83	48.41	52.24
Base	26.01	30.34	35.22	43.65	52.25	52.25
Aggressive	31.77	37.19	43.26	52.26	52.26	31.77

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

Table 64: Water Requirements- Three Scenarios (figures in MLD) – cumulative

Scenarios	2027	2028	2029	2030	2031	2032
Conservative	0.82	1.34	1.90	2.67	3.39	4.27
Base	0.99	1.68	2.42	3.39	4.32	5.43
Aggressive	1.17	2.04	2.98	4.17	5.31	6.65

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

Table 65: Water Requirements- Three Scenarios (figures in MLD) – cumulative

Scenarios	2033	2034	2035	2036	2037	2038 onwards
Conservative	5.29	6.14	7.10	8.95	12.44	13.42
Base	6.69	7.80	9.05	11.22	13.43	13.43
Aggressive	8.17	9.56	11.12	13.43	13.43	13.43

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

The above stated utility consumption figures were taken at a conception and on basis on primary surveys undertaken among various industry sector players in Bangladesh. Actual demand estimation of utility has been undertaken in the Infrastructure Planning chapter, based on prevailing development guidelines in Bangladesh context.

6.4.3. Employment Generation

In line with the industrial space uptake projections, following figure elaborates the forecasting of direct employment generation from the proposed EZ.

Table 66: Direct employment generation for the three scenarios

Scenarios	2027	2028	2029	2030	2031	2032
Conservative	1,024	1,677	2,363	3,311	4,237	5,369
Base	1,236	2,106	3,019	4,216	5,403	6,821
Aggressive	1,460	2,559	3,712	5,174	6,636	8,357

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

Table 67: Direct employment generation for the three scenarios

Scenarios	2033	2034	2035	2036	2037	2038 onwards
Conservative	6,679	7,781	9,042	11,475	16,090	17,399
Base	8,445	9,890	11,529	14,376	17,297	17,297
Aggressive	10,313	12,122	14,161	17,199	17,199	17,199

Source: Statistical projection technique; Demand Forecasting (kindly ignore the rounding off)

Detailed calculations are furnished in the annexure.

6.5. Key Takeaways

- Three scenarios (conservative, base, and aggressive) have been developed to forecast land demand for the proposed EZ. Base scenario assumes Business-as-Usual situation for the overall economic condition of the country and the influence region; whereas the conservative (aggressive) scenarios assume bad (good) performance of economic and infrastructure indicators in regard to the country and the influence region.

-
- Previous assumptions related to industrial growth rates has been revised to factor in the effect of the COVID-19 pandemic. The effect of the same has been considered and it is observed that it has affected the land uptake projections. As a result, the time period for the proposed has been deferred as compared to pre-COVID.
 - Our analysis indicates that in conservative case, complete land uptake would take place in 12 years. For base and aggressive cases, the same would be spread over 11 years and 10 years respectively in the Post-COVID scenario. In Pre-COVID scenario, the uptake trend across the three scenarios were 12, 11 and 10 years across Conservative, Base and Aggressive scenarios; moreover, the start year for land uptake was 2026 which has now shifted by a year (2027) owing to slowdown of industrial growth due to the pandemic.
 - Our analysis indicates that Food & Beverages exhaust most of the industrial land (~72%) followed by Pharmaceuticals (~12%). Other sectors such as Agro-based industries, Leather & Leather products, Chemicals and Electricals & Electronics constitute the rest of the industrial mix (~16%)
 - Total number of industrial establishments (small, medium, and large) across Conservative, Base and Aggressive scenario is 120 .
 - Proposed EZ is expected to generate direct employment of **17,399** in conservative case. In base and aggressive cases, employment generation figures could be 17,297 and 17,199. These figures are indicative and may vary during implementation.

7. Transport Assessment

7.1. Purpose and Objective

Transport Assessment is a systematic and comprehensive process that lists and analyzes current transport facilities (which includes Road connectivity, Land Ports, Sea Ports and Inland and Water Terminals, Airports and Railways), various issues and challenges related to such facilities and future plans linked to a proposed development. A well developed and linked transport infrastructure facilitates easy movement of people and material to and from a proposed development. In an increasingly globalized economy, industrial development of any region or sector needs to be linked to the development of areas that support the development of the same industry and sector. Hence, analysis and development of the current transport sector associated with the said development is very important as it ensures movement of traffic in and out to major international transit gateways and domestic centers.

This chapter will highlight and assess the current transport infrastructure available in the vicinity of proposed EZ site and existing connectivity with major international transit points. A comprehensive study of the transport infrastructure consisting of road, railway, IWT, port and airport will be performed to understand as-is scenario. The impact of the development of proposed EZ site on all transport modes will be considered and proposals to upgrade the existing transport network in order to support the proposed EZ site will be explained.

7.2. Methodology of Transport Assessment

The approach adopted to assess the transport infrastructure, supporting movement of goods and passengers in the vicinity of the proposed EZ site is segregated into 2 modules. 1st module deals with evaluation of the existing status of different modes of transport with respect to its features, connectivity, traffic flow, ongoing projects for upgradation and transportation costs involved. 2nd module contains recommended upgradations of different modes of transport infrastructure to support the future traffic flows due to the proposed EZ, cost implication of such upgradations, timeframe over which the upgradation should take place and the departments responsible for the concerned upgradation.

Figure 43: Transport Assessment Methodology

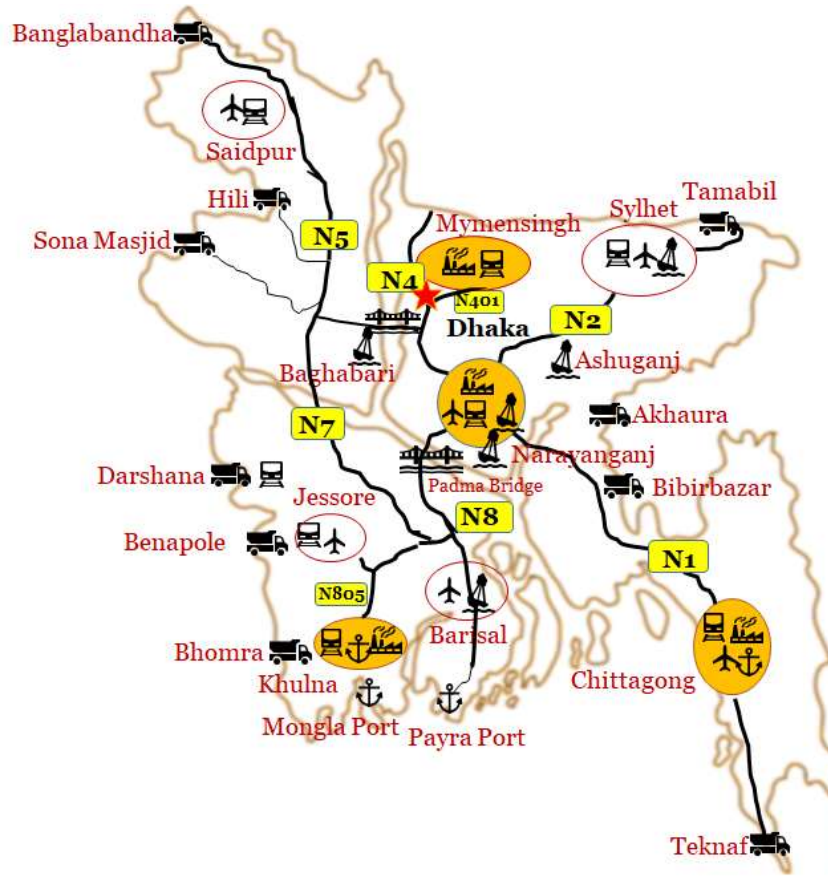


Source: PwC Analysis

7.3. Review of National Infrastructure with respect to site

A macro level view of major transport nodes across Bangladesh has been outlined in the figure below –

Figure 44: Bangladesh’s major transport nodes with respect to Proposed EZ site



Legends:

-  Land port
-  Airport
-  Major IWT Node
-  Proposed EZ
-  Major Rail Node
-  Major National Highway
-  Sea Port
-  Major Industrial Hub

Distance from the Major National Infrastructure Nodes:

Node	Distance (Km)	Node	Distance (Km)
Dhaka	167	Chittagong	413
Mymensingh	66	Narayanganj	206
Akhaura	247	Mongla	377
Bogra	161	Sylhet	272
Comilla	269	Sirajganj	37

Major Highways:

- N4 – Joydebpur – Jamalpur Highway
- N8 – Dhaka – Mawa Highway
- N2 – Dhaka-Sylhet Highway
- N6 – Dhaka – Rajshahi Highway
- N5 – Dhaka-Rangpur Highway
- N1 – Dhaka – Chittagong
- N401 – Madhupur – Mymensingh Highway
- N805 – Bhanga – Noapara Highway

Source: PwC Analysis

7.3.1.1. Highways near the proposed EZ

As shown in Figure 46 below, the proposed EZ site is connected to Jamalpur-Sherpur road (R460) by a 800m long earthen road. R460 is further connected to Dhaka-Mymensingh Highway (N3), which is connected to the project site via Jamalpur – Bongaon Road (R460) and Jamalpur – Muktagacha zila road (Z4101) and further merges into N3 via Madhupur – Mymensingh Highway (N401) and Khagdahar – Mymensingh Bypass (N309). R460 is connected to Joydebpur-Tangail-Jamalpur Road (N4) which further connects the project site with Dhaka (~167 km). N3 further connects with Joydebpur-Dhaka Highway (N105) and further onto 4-lane Dhaka-Chatto gram highway connecting the project site with Chatto gram (413 km), commercial capital of the country and home to one of the major seaports of Bangladesh.

The site is bifurcated by a 3 m wide road which runs parallel to the Brahmaputra River and connects the site to the Jamalpur Brahmaputra Bridge which is on R460 (approximately 800m). Presently, R460 is a two lane bituminous road maintained by RHD. This road carries relatively light traffic but has not received any periodic maintenance. R460 has an average width of 6.12 m.²⁴³ Once, the construction and operations commence at the proposed EZ, the road width and lack of maintenance could act as a hinderance to smooth flow of traffic on R460. This is because the road will not be able to support two way traffic of cargo carrying-large vehicles, resulting in congestion and increased risk of accident. Nearest highway/trunk connectivity for this project site is Joydebpur-Tangail-Jamalpur Road (N4) which is at a distance of 5 km from the proposed site and it connects with Dhaka (~165kms) through R460.

Figure 46: Highways near the proposed EZ



Source: Google Map and PwC Analysis

²⁴³ Roads and Highways Department

Vehicular Traffic

As per data available in Roads and Highways Department (RHD) database, Average Annual Daily Traffic (AADT) for R460 (Jamalpur-Sherpur-Bangaon Road) is 4,504 vehicles, out of which 3,957 is motorized, rest are non-motorized. AADT signifies the volume of vehicular traffic on a highway or road. The design capacity of the existing road R460 is ~25,000 PCU, with the above data it can be inferred that the traffic or road volume utilization isn't maxed out, and hence in the initial years, investors in the EZ may not face congestion issues.

Data from RHD reveals that AADT for N4 is 16,958, out of which 15,764 is motorized and rest are non-motorized. AADT signifies the volume of vehicular traffic on a highway or road. The design capacity of the existing road N4 is ~50,000 PCU, with the above data it can be inferred that the traffic or road volume utilization isn't maxed out, and hence in the initial years, investors in the EZ may not face congestion issues.

Data from RHD reveals that AADT for N3 is 18,901 out of which 18,098 is motorized and rest are non-motorized. AADT signifies the volume of vehicular traffic on a highway or road. The design capacity of the existing road N3 is ~50,000 PCU, with the above data it can be inferred that the traffic or road volume utilization isn't maxed out, and hence in the initial years, investors in the EZ may not face congestion issues.

Discussion with UNO officials revealed that the existing road that connects the EZ site to R460 would be widened from 10 feet to 24 feet. Widening of roads would greatly improve upon the already favorable last mile connectivity. This would allow a faster 2-way movement of heavy vehicles, required for transporting construction material as well as manufactured goods.

It was also revealed that the existing Joydebpur – Jamalpur highway (N4) is proposed to be augmented from 4-lane to 6-lane. This will further improve the connectivity of the proposed EZ site with Dhaka.

The proposed EZ site is connected to Regional highway (R460) i.e., Jamalpur Brahmaputra Bridge through approximately 800m long earthen road which provides last mile connectivity to the proposed EZ site. This shall be widened from 10 feet to 24 feet and enables faster movement of the vehicles. Last mile connectivity to proposed EZ site is further set to improve, given the road widening plans of RHD.

Figure 47 Last mile connectivity to the proposed EZ



Source: Google Map and PwC Analysis

7.3.1.2. Trunk Connectivity to urban/industrial nodes

Trunk connectivity to the following major urban/industrial nodes in vicinity of the proposed EZ site are highlighted below. These are –

- Dhaka
- Mymensingh
- Bogra
- Tangail
- Sirajganj
- Narayanganj
- Gazipur

Figure 48: Trunk connectivity to major urban and industrial nodes



Source: Google Map and PwC Analysis

Dhaka city is the capital and largest city of Bangladesh. It is the commercial hub of the country, attracting people from all over Bangladesh, who migrate to Dhaka in search of job and business prospects. Large corporate houses (both domestic and foreign) in Bangladesh have their head-office in Dhaka. Several major industries like textile/ RMG, pharmaceutical, leather, food processing, cement, electrical & electronics, FMCG etc. are located in and around this city. The proposed EZ is around 167 km from Dhaka city and can be accessed via R460 and Joydebpur-Tangail-Jamalpur Road (N4). The travel time to reach Dhaka city from the proposed EZ site is approximately 5 hours. It can also be accessed via Dhaka-Mymensingh highway (N3). N4 is a 4-lane road and has an average AADT of 16,958 vehicles and N3 is an 8-lane major artery road and has an average AADT of 18,901 vehicles. Preemptive measures such as expansion of the number of lanes of the road are already being taken to prevent future congestion (Dhaka gets traffic from all over Bangladesh).

Mymensingh located on the banks of Brahmaputra river, about 120 km north of Dhaka. It is a major financial center of North Central Bangladesh and the eighth largest city in Bangladesh. It is known for its jute industries. The proposed EZ is around 66 km from Mymensingh city and can be accessed by the R460, Z4104 and N401 roads. The travel time is approximately 2.5 hours.

Sirajganj is located at a distance of 37 kms from the proposed EZ site. The travel time is close to 50 mins approximately and it is connected by the N405 and R451 roads. It is known for its hand-loom cottage industries as most of the people there are related to this business.

Bogra is a major commercial hub, and is known as capital of North Bengal of Bangladesh. It is located at an approximate distance of 161 kms and travel time is just over 4.5 hours. The site is connected to Bogra through the N4 and N5 highways. This region has industries such as Tobacco, Cotton, Garments, Leather and Match factory.

Narayanganj is on the bank of the Shitalakshya river and is the third-largest city of Bangladesh. The port of Narayanganj is an important shipping and industrial center. It is also among the busiest trade markets of the country. Several industries like jute and cotton mills, Machinery and metal products, chemicals, and pulp and pulp products are located in and around the Narayanganj district. The proposed EZ is around 206 km from Narayanganj and can be accessed via N3 and N2 and further through regional highway R101. The travel time to reach Narayanganj from the proposed site is 6.25 hrs.

Gazipur is located to the north of capital city, Dhaka. It is a major industrial area. Several industries such as Garments industry, Aluminum factory, Textile mill, Pharmaceutical industry, Cosmetics industry, Machine tools factory, Diesel plant, Security printing press, Ordnance factory, Ceramics factory, Packaging industry, Brick field etc. are located in and around this district. The proposed EZ is around 150 km from Gazipur district and can be accessed via N3 requiring a travel time of 4.25 hours from the site.

The location of proposed EZ site is favorably in proximity to Mymensingh, Sirajganj and Tangail. The existing industries in the above mentioned areas could serve as source of raw materials and prospective local markets for the industries in the proposed EZ.

7.3.2. Land ports

Bangladesh and India share a border line of 4,096 km, which is the fifth longest border in the world.²⁴⁴ Such a long land border creates opportunity for mutually beneficial foreign trade. Land ports facilitates trade and commerce between two countries, since they provide secure gateways through which cargo can be transported. Facilities that can be developed at land ports include weighbridges, cargo handling stations, warehouses, Inland Container Depots etc. Currently, India and Bangladesh have 23 land ports to facilitate trade between the two countries.²⁴⁵

Under the Bangladesh Sthala Bandar Kartipaksha Act, 2001, the Bangladesh Land Port Authority (BLPA) came into being to facilitate and improve between Bangladesh and neighboring countries. BLPA functions under the Ministry of Shipping.

Dhanu Kamalpur Land Port

The Dhanua Kamalapur land port is located at a distance of ~ 57 km from the proposed EZ, which became operational recently would be connected with the site through R460 and Bakshiganj-Kamalapur Road

²⁴⁴ <http://www.thehindu.com/news/national/half-of-indiabangladesh-border-fenced/article17396794.ece>

²⁴⁵ Bangladesh Land Port Authority

(Z4606). The land ports will boost the commercial viability of the proposed zone and facilitate trade and will help alleviate the trade barrier created due to the distance between the site and Mongla/Chattogram seaports.

Akhaura land port is a port on the eastern border of Bangladesh, which is located at a distance of 247 km from the proposed EZ site, requiring a travel time of approximately 6.5 hours. This land port is being operated by own management of BLPA. It has a capacity to handle 0.5 million Metric Tonnes (MT) of goods per year and storage capacity of 2,000 MT.²⁴⁶ Access to Akhaura takes place via Sherpur-Jhenaigati Road (R460) through Mymensingh-Bhairab Road (R360) further through Dhaka-Sylhet Highway (N2) and Comilla-Sylhet Highway (N102). Hence, this land port can handle the cargo coming from the proposed EZ if the investors consider this land port for trade. The major items of import and export through this port has been listed in table below.

Table 68: Types of goods being traded through Akhaura land port

Major imports	Bamboo, Turmeric, Watch, Ginger, Marble slab, Fruits etc.
Major exports	Processed stone, Bricks, Tiles, Fish, Cement, Battery etc.

Source: Data from Bangladesh Land Port Authority Website

Benapole land port is another land port on the south-western border of Bangladesh, which is situated at a distance of ~350 km from the proposed EZ site, requiring a travel time of approximately 9 hours. The proposed EZ site is connected to the land port via the R460, N4, N405, N507, N6 (Kashinathpur-Dasuria-Natore-Rajshahi-Nawabganj-Kansat-Sona Masjid-Baliadighi Border Road), N704, N7 (Dauladia-Faridpur-Magura-Jhenaidah-Jessore-Khulna-Mongla Road) and N706 highways. This is also operated by BLPA's own management. It started its operations in February 1, 2002. It has a total handling capacity of 2 million MT and storage capacity of 40,000 MT, spread over an area of 61.7 acre.²⁴⁷ This land port is one of the most infrastructure rich land ports having 32 warehouses, 5 warehouse-cum-yard etc. Hence, this land port also can handle the cargo coming from the proposed EZ if the investors consider this land port for trade. The major items of import and export through this port has been listed in table below.

Table 69: Types of goods being traded through Benapole Land Port

Major imports	Cotton, chemical, motor car, motor cycle, tyre-tube, machinery & spare parts, food grains, fish, spices, sugar, egg, aluminum, refrigerator, paper etc.
Major exports	Jute & jute goods, fish, soap, plastic goods, battery, construction materials etc.

Source: Data from Bangladesh Land Port Authority Website

Akhaura land port and Benapole land ports are at considerable distance from the proposed EZ making transfer of raw materials or finished goods alike difficult to be transported to India, one of the major trade partners of Bangladesh.

Present Hindrance and Redressal by GoB

One main issue identified at the Akhaura Land Port is that the quality of export items are being checked at Shillong causing undue delay. If the arrangement is made to check the quality of the export items at Agartala, it will help save time in exporting Bangladeshi goods.

²⁴⁶ BLPA

²⁴⁷ BLPA

Currently, cargo is being handled manually at the land ports. This results in slower clearance of goods that are transported out of and into the ports, resulting in delays and congestion at the ports.

The existing 2-lane Dhaka-Sylhet highway (N2) is being upgraded into 4-lane one. Works for the same has already begun in intermittent stretches. This will improve the flow of goods and raw materials to and from the proposed EZ to the land ports.

The proposed land port at Karaitali is located at a distance of ~75 km from the proposed EZ, it would be connected with the site through R460 and Z6417 and further through N402. These land ports once they become operational will boost the commercial viability of the proposed zone and facilitate trade and will help alleviate the trade barrier created due to the distance between the site and Mongla/Chittagong seaports.

Industries in the EZ can tap into Indian markets for their end products and have access to raw materials from the Indian side.

7.3.3. Sea Ports and Inland Water Terminals

Waterway transport is one of the most fuel efficient, environment friendly and cheapest mode of transportation. Cost of transporting one ton freight over a distance of one km by waterway is ~30-40% and 60-70% of the same transport done via road and rail respectively.²⁴⁸ Bangladesh is blessed with a riverine geography, especially towards its south, where distributaries of large rivers like Padma and Meghna drain the region. There are around 700 rivers, streams and canals with a total length of about 24,000 km. The navigable length of waterway varies from 3,865 km in dry season to 5,923 km in monsoon. This creates a fairly widespread inland waterways network, creating an opportunity for Inland waterways transportation. Bangladesh also has a coastline of 580 km which creates good potential for sea trade with other countries. Currently, more than 75% of international trade in Bangladesh is done via sea-ports. This makes it vital to understand potential of waterways connectivity to support transportation in the proposed EZ region.

²⁴⁸ <https://www.thehindubusinessline.com/opinion/flowing-down-the-waterways/article23384237.ece>

Figure 49 Location of Proposed and existing ports



Source: PwC Research

Access to IWT

Baghabari river port is the nearest river port which is located at a distance of approximately 135 km from the proposed EZ. Baghabari river port was a project undertaken by BIWTA for development of Water transport sector. A lot of transactions take place through this port. It plays a significant role in economy of Sirajganj. The proposed EZ site is connected to the river port via N4, Dhaka-Elenga Highway (N405) and Dhaka-Banglabandha Highway (N5), with travel time being around 3.5 hours. The port has a total handling capacity of 150 MT/month (Bulk) and 10 Cargo MT/month (General)²⁴⁹. Baghabari river port is operative only during the winter season from mid-October to mid-March. The port is not functional during other seasons or periods of the year. The passenger and cargo carried at the port is shown in the tables below:

Table 70: Passenger and Cargo carried at Baghabari River Port (in lacs)

Year	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Passengers carried	1.82	1.88	1.94	2.00	2.07	2.10	2.16	2.22	2.50
Cargo carried	0.53	0.61	1.10	1.85	2.38	2.90	3.14	3.32	1.6

Source: PwC Research

²⁴⁹ <https://dlca.logcluster.org/download/attachments>

Although, the passengers carried has been increasing steadily, there is a drop in cargo carried in last year. The government needs to support the port to fix the issues and, provide equipment and facilities at the port to attract more businesses.

Narayanganj river port on the Buriganga river is another river port which is close to the site. It is at a distance of 206 km from the proposed EZ and is accessible from road via N3. It is one of the most oldest and busiest river ports in Bangladesh. The port is located on the Shitalakshya River. It is linked with Dhaka by the Bangladesh Railway and three roads. Narayanganj river port also has a fuel depot at Godnail. Loading and discharge operations at the port are undertaken by outsourced labor which is available within the port premises. The port has a total handling capacity of 55.5 MT/month (Bulk) and 12.5 Cargo MT/month (General).²⁵⁰ This labor is unorganized unlike at the major sea ports where there is a regulatory authority in the form of Dock Labor Management Board. The port is connected to the proposed EZ site via N3 and requires a travel time of around 5.5 hours. The following table captures the types of commodities handled at Narayanganj port.

Table 71: Types of commodities handled at Narayanganj river port

Major goods handled	Jute, Timber, Salt, Textiles, Oil, Cotton, Tobacco, Pottery, Seeds, Betel nut, Cement, Clinker, Fly ash, Sand, Stones, Food Grains
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Source: BIWTA, Primary Research

The passenger and cargo carried at the port is shown in the tables below:

Table 72: Passenger and Cargo carried at Narayanganj River Port (in lacs)

Year	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Passengers carried	302.90	315.26	320.06	327.49	342.49	359.10	377.06	395.51	396.13
Cargo carried	8.80	9.60	9.78	10.37	10.99	11.65	12.35	13.09	44.06

Source: PwC Research

The passenger and cargo carried at this river port has increased drastically. This will further attract business to use the facilities and services of the port.

The waterway distance from Baghabari river port to proposed EZ is ~180 Km and to Narayanganj river port is 350km. The route between the two ports and proposed EZ lies between Chilmari – Barisal IWT route.

The proposed site is adjacent to the sub channel of river Brahmaputra. Nearest ghat is the Jamalpur Ferry Terminal which is situated at a distance of around 650m from the site and can be accessed via the earthen road. This launch ghat is connected to other ferry terminals and ghats. Since the proposed EZ is located adjacent to the river this gives ample access to the waterways. The nearest ferry ghat to connect on the IWT network is Bahadurabad Railway Ferry Ghat which is at a distance of 50km. The services provided at Jamalpur Ferry Terminal can be utilized to carry passenger and cargo across the river. This will attract more

²⁵⁰ <https://dlca.logcluster.org/download/attachments>

business the proposed EZ at Jamalpur. The prospect of using this ghat for cargo movement can be explored by incoming players at the proposed EZ upon due consultation and permission by BIWTA. The IWT network connectivity will turn out beneficial for industries only if these will be equipped with the adequate infrastructure required to handle the heavy cargo in efficient manner.

Table 73: Inland waterway Terminals near the proposed EZ



Source: Google Maps and PwC Research

Protocol on Inland Water Transit and Trade

India and Bangladesh have an existing Indo-Bangladesh Protocol on Inland Waterways and Transit which allows for using inland waterways network between the two countries for the purpose of trade and commerce. As per Standard Operating Procedure of the existing protocol, both countries have six ports each, designated as the Port of Call. In Bangladesh, the Ports of Call are Mongla, Khulna, Sirajganj, Narayanganj, Pangaon (in Dhaka) and Ashuganj, whereas in India the Ports of call are Kolkata, Haldia, Pandu, Karimganj, Silghat and Farakka.²⁵¹

The figure below captures the route earmarked under the Protocol on Inland Water Transit and Trade between India and Bangladesh.

²⁵¹ BIWTA

Figure 50: India Bangladesh Inland Waterways Route



Source: Bangladesh Inland Waterways Authority

The India Bangladesh Protocol (IBP) route extends from Kolkata on India's National Waterway-1 (Ganges-Bhagirathi-Hooghly) to Silghat (Assam) on its National Waterway-2 (Brahmaputra River) and Karimganj (Assam) on National Waterway-16 (Barak River). Two new routes have been proposed in developing two stretches of Bangladesh inland waterways – Sirajganj to Daikhowa and Ashuganj to Zakiganj – on the IBP route. The development of these stretches is expected to provide seamless navigation to and from Northeast India through waterways via the IBP route.²⁵² India and Bangladesh have taken major steps to enhance utilization of waterways. These include agreement on declaration of additional Ports of Call under PIWTT at Kolaghat, Dhulian, Maia and Sonamura in India, and Chilmari, Rajshahi, Sultanganj and Daukhandi in Bangladesh.

Baghabari port encounters navigability crisis due to low draft (Class-III route having draft of only 2 meter and width of <100 feet) in Paturia-Baghabari river route. Paturia port leverages the navigability issue of Baghabari port and carries high volume cargo indicating inherent demand in the hinterland. Government

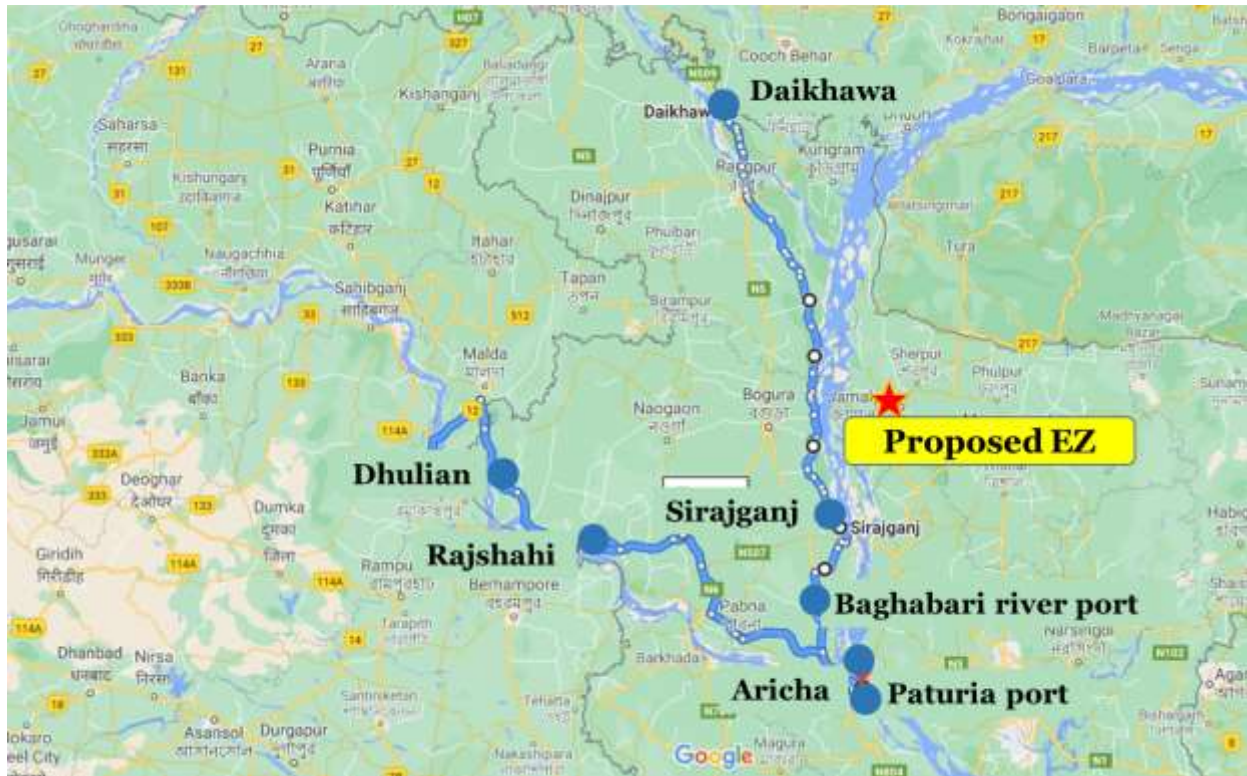
²⁵² <https://www.dhakatribune.com/bangladesh/government-affairs/2019/11/05/bangladesh-india-herald-new-chapter-in-river-route-cargo-trade>

of Bangladesh has decided to upgrade the status of 50-km long Paturia-Baghabari river route from Class-III to Class-I (draft of water would be minimum 12 feet with a width of 300 feet). Increased draft will allow large vessels to directly ply to Baghabari port instead of Paturia river port. Existing traffic at Paturia port (27.2 lacs ton: 2nd highest in the country) indicates inherent demand in the hinterland; which can be captured by Baghabari port once navigability issue is resolved.

As part of Protocol on Inland Water Transit and Trade (PIWTT) between India and Bangladesh; one of the Indo-Bangladesh Protocol (IBP) route extends from Kolkata, West Bengal to Silghat, Assam via Sirajganj. Due to inadequate draft in Sirajganj- Daikhawa stretch (146km), both Government of India (GoI) and Government of Bangladesh(GoB) have planned to develop this stretch for round the year navigation.

The new Protocol route development in Dhulian-Rajshahi-Aricha route (route 5) from Dhulian to Rajshahi (~78 km) has been proposed and further to be extended till Aricha (Dhulian to Aricha ~270 km). Once operational Dhulian-Rajshahi route has potential to divert 2.5 million ton traffic. This facilitates deeper penetration of cargo movement through IWT in Rajshahi division. This enables the transportation of goods to the northern hinterland of Bangladesh and thereby connecting North-East India.

Figure 51 IWT network to the proposed site



Source: Google map and PwC research

The IWT route development is expected to augment transport connectivity of Jamalpur EZ with North-Eastern India. Leveraging this logistical advantage, industries from this region can serve to North East Indian market which does not have local industries for sectors like consumer goods etc.

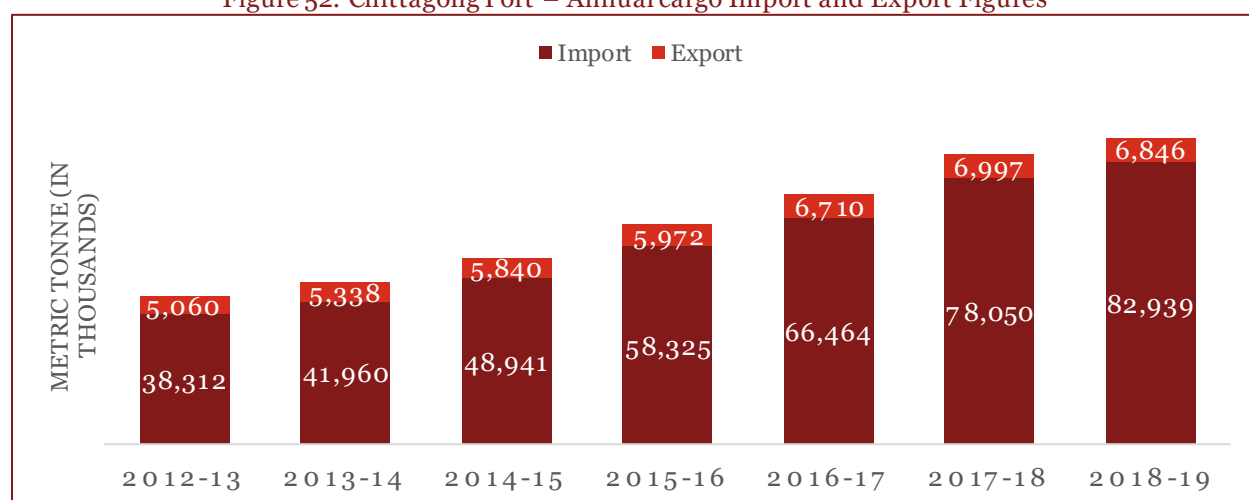
Access to Sea Port

Chattogram Sea port is located approximately 413 km from the proposed EZ. This port is accessible via N3, N105 and further onto and Dhaka-Chattogram highway (N1). This seaport is the most important trade-facilitating infrastructure in Bangladesh. The fact that on an average 81.22% of Bangladesh's international trade takes place through Chittagong Port underlines the strategic importance of this seaport.²⁵³

Chattogram has all major logistics infrastructure available like weighbridges, railway wagons for container transport, railway terminal, container freight stations, dredgers, tugboats and specialized berths for handling POL, grains, cement, urea, ammonia, containers, general cargo etc.

Given the commercial importance of this port, infrastructure at Chittagong Port is well developed. Figure below captures the quantum of cargo handled at Chittagong Port over the past 7 years.

Figure 52: Chittagong Port – Annual cargo Import and Export Figures



Source: Chittagong Port Authority

Figure above elucidates that volume of cargo being imported through Chittagong Port is far higher than export figures and imports have more than doubled over the past 7 years. This highlights the need to boost local manufacturing in Bangladesh. However, the rising trend of import and exports indicates that the economy of Bangladesh is growing and with development of industrial infrastructure in Bangladesh, export figures could get an impetus.

Mongla Sea port is located approximately 359 km from the proposed EZ. The site is connected to the Sea port via N4, N7 and N709 highways, and takes approximately 9.5 hours to reach. It is located in Bagerhat District in the southwestern part of the country.

Present Hindrance and Redressal by GoB

Bangladesh EXIM demand stood at ~102 MTPA in FY 18 with containers contributing ~26% of share. Total cargo traffic is estimated to grow at an effective growth rate of ~6.3% from FY 25 to FY 40 in line with GDP forecast and to reach ~274 MTPA for bulk and ~11 million TEUs by FY 40.

Existing infrastructure at the port infrastructure is inadequate in terms of handling rising cargo movement.

²⁵³ <http://www.cpa.gov.bd/>

To cater the future EXIM traffic demand GoB has planned several green field deep seaports as well as extension of Chittagong Port for smooth flow of cargo. Bangladesh has existing capacity of handling 2.7 million ton TEUSs and ~ 7 million TEUs additional handling capacity is estimated to come up by FY 30.

In order to address these bottlenecks, Chittagong Port Authority (CPA) has undertaken a dredging exercise to increase the draft at Chittagong Port. It is also in the process of installing new gantry cranes to enable faster movement of goods.

Additionally, to meet the increasing bulk cargo & container volumes and to improve performance of port operations, and in a bid to strengthen the country's trade handling infrastructure, GoB has prioritized the establishment of a dedicated facility called the Bay Terminal (~64 km) that would assist in easing the pressure on Chittagong Port.

Chittagong Port Authority has envisaged to develop a new port in Mirsarai port. Currently, this project is in conceptualization and planning stage. The Chittagong Port Authority (CPA) undertook the Patenga and Bay terminal mega projects to de-congest the Chittagong Port which has already exceeded its nominal operating capacity, aiming to enhance efficiency and productivity of the country's premier maritime port.

To meet the growing requirement of Bangladesh's international trade, GoB has envisaged the construction of Payra port in Patuakhali district. It is constructed as a deep sea port with the ability to handle ships larger than Chittagong Port. It is expected to handle 2,800 TEUs vessels compared with 1,110 TEU ships at Chattogram. According to reports, the deep sea port at Payra could handle large container ships of 8,000 containers capacity or 120,000 tonnes of cargo once it is fully operational.²⁵⁴

Since the upcoming ports are towards Chittagong Port and the transport connectivity is being upgraded on Joydebpur – Jamalpur Highway (N4) and Chattogram highway (N1), the manufacturers can leverage this and focus on distributing industrial goods to Dhaka market and to the Chittagong Port.

7.3.4. Airports

Air travel is the fastest mode of travel, which enables movement of passengers as well as time sensitive and perishable cargo. Having such a mode of transport in vicinity of an industrial location enables faster movement of decision makers of an organization who may have a need of making brief visits to production centers. Perishable items like drugs, chemicals or food ingredients like dairy products, fish, fruits requiring short travel time from centers of production to that of consumption also need access to air travel. This necessitates the need to understand air travel facilities around the proposed EZ region.

Nearest international airport to the proposed EZ is Hazrat Shah Jalal International Airport (HSIA) at Dhaka. This airport provides both international as well as domestic flight services. It is Bangladesh's largest and busiest airport. This airport is around 167 km away from EZ site and requires around 4.5 hours of travel time. The airport can be accessed via Dhaka-Paturia highway (N3). Currently, this airport has the capacity to handle 8 million passengers and 2 hundred thousand metric tonnes of cargo. Over 4 million international and 1 million domestic passengers (as well as 150,000 MT of freight and mail exchange) pass through this airport annually. HSIA is anticipated to witness a passenger traffic of 12 million by 2022 and 22 million by 2035.²⁵⁵ This airport also has a freight village (warehouse), terminal buildings, hangers and other modern

²⁵⁴ <https://opinion.bdnews24.com/2017/01/18/payra-port-fulfils-bangladeshs-needs-and-aspirations/>

²⁵⁵ <https://www.airport-technology.com/projects/hazrat-shahjalal-international-airport-expansion-dhaka/>

equipment for aircraft handling.²⁵⁶ Goods like RMG, vegetables, fruits, fish, dry fish and crabs are transported through HSIA.

Present Hindrance and Redressal by GoB

Air freight transportation services are used for EXIM cargo movement only with Dhaka international airport providing facilities for cargo handling. Most of the major international airline operators such as Emirates, Etihad Airways, HK airlines, Cathay Pacific, Qatar Airways are servicing the air cargo freight movement through a mix of passenger aircrafts and dedicated freighters. Biman Bangladesh is the Bangladesh Government owned airline facilitating cargo movement to Middle East region. The cargo handling operations at the Dhaka airport are also managed by Biman Bangladesh exclusively. The international airlines have reported significant gaps in the cargo operation as Biman Bangladesh lacks expertise, assets and manpower to run the operations efficiently. In fact, the operator is yet to develop expertise to track and trace the goods unloaded from aircrafts. Further, there is no separate procedure for handling of perishable and temperature sensitive cargo. The industry players station their representatives to follow-up with Biman Bangladesh once the cargo is unloaded in Dhaka. Biman Bangladesh cites shortage of infrastructure at airport as the main reason for mismanagement of cargo. Owing to lack of necessary infrastructure for screening of cargo, Dhaka international airport does not have the statutory clearance for shipment directly to Europe. The Europe bound cargo is first unloaded in Dubai/other hubs for re-scanning and clearance, then forwarded to Europe. This adds to extra cost and time for industries exporting to Europe.

Given the current capacity of the airport, GoB has already appointed developers to construct a new terminal at HSIA. This project is being funded by Japan International Cooperation Agency (JICA) and post operationalization of this terminal in 2021, annual passenger handling capacity of this airport could be 20 million and cargo handling capacity could rise to 5 hundred thousand metric tonnes.²⁵⁷

Good access to airports will allow industries manufacturing time sensitive goods, like RMG or designer clothes and requiring perishable products like fruits or chemicals can be developed in the proposed EZ.

Proposed EZ is in proximity to Hazrat Shahjalal International Airport which facilitates smooth movement of perishable and time sensitive goods from the EZ. The last mile road connectivity i.e., the site is entailed with an earthen road (approximately 800 m in length) connecting to the Jamalpur Brahmaputra Bridge road (R460) needs upgradation in order to achieve seamless movement.

7.3.5. Railways

It is cheaper to move goods through railways as compared to road. Railways can haul larger volumes of cargo over longer distances as compared to trucks and trailers, and is also better than vehicles plying on road, since it is easier to monitor and regulate traffic on railway lines. Moreover, transporting goods through railways also help in easing traffic congestions on road by reducing the requirement of trucks which would otherwise have to ply. However, the usage of railways in Bangladesh is currently restricted due to small size of consignments and the additional costs associated with multiple handling points in the value chain. This has deterred players from opting for rail wagon bookings for their inventory management.

²⁵⁶ <http://www.shahjalalairport.com/>

²⁵⁷ <http://www.dhakatribune.com/bangladesh/dhaka/2017/06/12/construction-third-airport-terminal-begins-next-year/>

Jamalpur Railway Station is the nearest railway station, which is approximately 5 km from the proposed EZ. It can be accessed R460. Travel time to Jamalpur Railway Station from the proposed EZ is around 15 minutes.

This station is very near to the proposed EZ site and hence the proximity can be leveraged by using the benefits and facilities of the railway station. As per site visits, it was understood that the station has available space for handling cargo. There are 6-7 passenger trains and 2-3 cargo trains that pass the station on a day to day basis.

Mymensingh Railway Station is situated at a distance of 60 km from the proposed site which also has railway connectivity with Dhaka and Chattogram which mainly deals with intercity passenger travel. It can be accessed via Muktagacha-Jamalpur road (Z4101). Travel time to Mymensingh railway station from the proposed EZ is around 2 hours.

Figure 53: Railway stations near the proposed EZ



Source: Google Maps and PwC Analysis

Present Hindrance and Redressal by GoB

The main issues faced by the Railways in Bangladesh are shortage of locomotives and route capacity. It is suffering of an excess of traffic in comparison with the capacity of the main routes. The overcapacity of the rail network limits the capacity addition of ICD. In case of domestic movement, the use of rail service is negligible due to inadequate broad gauge network and poor terminal handling facilities. The rail freight services market is not open for private participation, further restricting the development of adequate infrastructure. There are no cargo aggregators present to aid the industries in using the rail services for domestic transportation.

Bangladesh railways is addressing the infrastructure constraints to improve the capacity and increase the modal share of rail in EXIM evacuation by privatizing the CTO operations to improve rail services. The

Government of Bangladesh has taken a huge development program for 2020-21 fiscal year to upgrade Bangladesh railway network. As per the budget document, construction of 900 kms dual gauge double track and 1,581 kms new rail track will be completed within this fiscal year.²⁵⁸

Bangladesh railway is set to construct a high-speed railway line from Dhaka to Chattogram, allowing the travelers to reach their destinations in an hour. Currently detailed design and feasibility study is ongoing for this project.²⁵⁹

GoB is also working with Indian Government to establish better rail links between the 2 countries. Work has already started on construction of Agartala-Akhaura railway line and it is expected to get operational by December, 2021.²⁶⁰ These railway lines will give a boost to industries that would come up in the proposed EZ site by providing faster access to markets and raw material in NE India.

The Bangladesh Railways has started primary assessment for railway connection to BSMSN which is being developed by BEZA. This railway linkage would be key in shipment of cargo between the Mirsarai region and Chittagong Port.²⁶¹

Chattogram-Cox's Bazar railway line is a proposed 120km dual-gauge passenger line from Dohazari village in south-east Bangladesh to Cox's Bazar undertaken by the Bangladesh Railway (BR) to improve the country's rail connectivity with other Asian countries. It is part of Trans-Asian Railway (TAR) network and will improve access to Myanmar and beyond. The project will take five years to complete and will enhance trade and tourism in the southernmost parts of the country.²⁶²

On completion, these projects will support easy railway transportation of goods and people from proposed EZ site to different parts of Bangladesh, as well as to neighboring countries like India and Myanmar.

The proposed EZ is well connected to Jamalpur Railway Station through Jamalpur-Sherpur-Bangaon Road (R460) via the 800m long earthen road and takes 15 min to reach. This last mile connectivity can enhance the transportation of raw materials/end products.

7.4. Rate of freight for different modes of transport

In order to perform a holistic transport assessment, it is imperative to understand the freight charges applicable for different modes of transportation. This would help in assessing the most economical mode of cargo transport for the proposed EZ site and also assist in determining the interventions that could be taken up by GoB to further improve the transport logistics infrastructure in the vicinity of the Economic Zone site.

²⁵⁸ <https://www.dhakatribune.com/bangladesh/2020/07/04/railways-development-comes-into-focus-in-fy21>

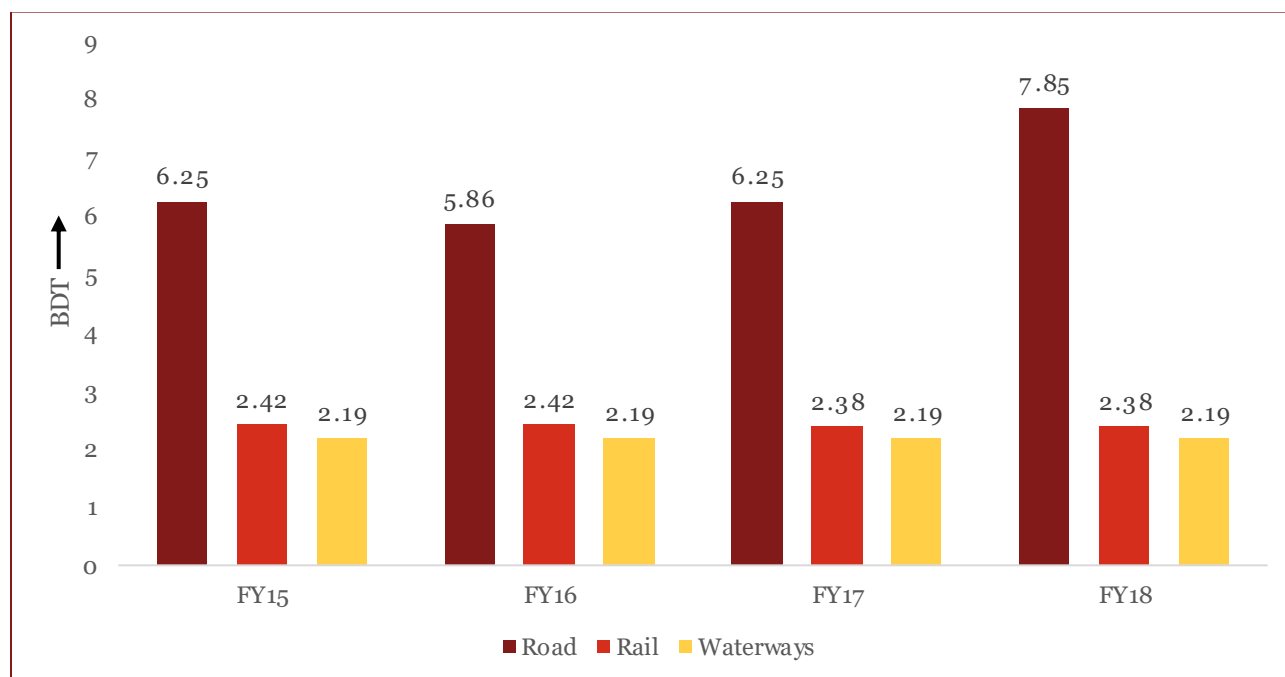
²⁵⁹ www.thedailystar.net

²⁶⁰ <https://www.indiatoday.in/india/story/india-bangladesh-rail-link-2021-1644781-2020-02-09>

²⁶¹ <http://www.beza.gov.bd/news/investment-promotion-seminar-titled-attracting-investment-in-economic-zones-of-bangladesh-held-at-radisson-blr-dhaka/>

²⁶² <https://www.railway-technology.com/projects/Chattogram-coxs-bazar-railway-line/>

Figure 54: Freight per tonne per km across different transit modes



Source: Bangladesh Bureau of Statistics 2018

The figure above indicates that freight transport through inland waterways has been the most economical mode of transporting goods, in Bangladesh. However, cost of transporting goods through road has shown an increasing trend over the past years due to rising demand from manufacturers and traders.

Data presented in the figure elucidates that it is cheaper to transport goods through waterways for longer distances and can then be transported via roadways to provide last mile delivery.

The high preference to the road-based logistics in the country compared to the other modes of transport is mainly because of following reasons:

- The total cost of logistics from one location to another via rail as well as IWT include the cost of first mile transport, cost of cargo loading into the vessel/rail, cost of transporting cargo to the nearest station close to destination via rail/IWT, cargo unloading from the vessel/rail, and last mile delivery via road transport. It may be noted that, the total cost for road-based logistics doesn't include all the above-mentioned parameters, and includes only cost of cargo loading, unloading and transportation cost. This makes road-based logistics cheaper compared to rail and IWT modes over short haul distances, while over long-haul distances, IWT and rail transport becomes less costly due to less transportation cost per km. As Bangladesh is a small country with cargo movement ranging few hundred km, the road transport is preferred over rail and IWT mode.
- Bangladesh has inadequate infrastructure for rail and IWT based logistics. As discussed previously, most of the rail routes in the country are meter gauge limiting the cargo transportation capacity. Additionally, the capacities of ICDs are limited which are further challenged by the inefficient operations in handling cargo. Consistent draft is major challenge across various IWT routes in the country, and IWT operations are also limited by limited number of barges, and inefficient handling of cargo at riverports.

- The rail and IWT transport are further challenged by lack of private sector participation. On the other side, road-based logistics involves significant participation from private sector, and hence it is bit more efficient compared to the rail and IWT based transport in Bangladesh. However, Bangladesh railways is addressing the infrastructure constraints to improve the capacity and increase the modal share of rail in EXIM evacuation by privatizing the CTO operations.

7.5. Potential Infrastructure Interventions to support proposed EZ

Proposed EZ site at Jamalpur has an advantage of being located in close proximity to many industrial hubs and urban centers such as Mymensingh, Sirajganj, Bogra, Narayanganj, Gazipur and capital city, Dhaka which is located at a distance of 165 km from the site. While the EZ site is well connected through multiple modes of transport (road, rail, air and ports) there could be a few additional improvements needed to be undertaken by GoB to improve the attractiveness of the EZ site with respect to transport infrastructure. This could include and not be limited to the following table on the next page.

Logistics cost assessment exercise has been carried out to understand the most important connectivity node for the proposed EZ, basis which required infrastructure intervention has been proposed. The logistics cost assessment reveals the importance of Dhanu-Kamalpur land port for the proposed EZ. It is the closest EXIM gateway which will provide access to market of India, Nepal and Bhutan. Apart from that augmentation of national highway Joydebpur-Jamalpur highway (N4) and Dhaka-Mymensingh highway (N3) is important for connectivity with Mymensingh, Dhaka and Chittagong. proposed infrastructure intervention shall ensure the smooth flow of raw material and finished goods. Logistics cost assessment table has been annexed in the report.

The table on the next page captures present and potential future hindrances for smooth movement of manufactured goods in the region and infrastructure interventions that could be undertaken in order to make the proposed EZ site attractive to industries looking to set up manufacturing units in the region. Interventions suggested in the table on the next page have been done after taking into consideration the infrastructure upgradation currently being planned by different departments of GoB. These interventions are indicative development activities that could be further studied apart from development activities already being implemented.

Table 74: Proposed Infrastructure Interventions

Key Asset	Existing Condition	Issues	Recommendation	Impact	Cost Implications	Timeframe for Improvement	Jurisdictional Responsibility
Upgradation of last mile connectivity	Approximately 800m long and 10 feet wide earthen road from R460 connects the project site.	The width of the road will restrict or slow down the smooth flow of traffic to and from the proposed EZ site	The 10 feet earthen road would be widened to 24 feet.	Last mile road connectivity will ensure the seamless movement of man and material from the EZ	A detailed feasibility study needs to be undertaken in order to arrive at cost estimation and timeframe for improvement.		Roads and Highways Department
Upgradation of Joydebpur-Jamalpur highway (N4) and Dhaka-Mymensingh highway (N3)	It is currently a 4-lane highway.	These roads in their present condition would not be able to support increased traffic flow that would happen in future due to establishing of industries in the region	The highway would be expanded from 4-lane to 6-lane and N3 corridor will be fenced for its entire length to control access and prevent unauthorized vehicles from entering	Proposed intervention will improve regional connectivity as well connectivity with Dhaka and Chittagong which is important for backward and forward linkage	A detailed feasibility study needs to be undertaken in order to arrive at cost estimation and timeframe for improvement.		Roads and Highways Department
Upgradation Akhaura land port	At Akhaura Land Port, equipment being used at the land port is outdated with most of the cargo being	Lack of modern surveillance system adversely affects cargo handling in the port. Also, quality of export items are being checked at	Mechanization of cargo handling facility at Akhaura land port. Quality check of export items can be shifted to Agartala to reduce delay.	Upgradation of Akhaura land port will help trade with Indian state of Tripura.	A detailed feasibility study needs to be undertaken in order to arrive at cost estimation and timeframe for improvement.		Bangladesh Land Port Authority

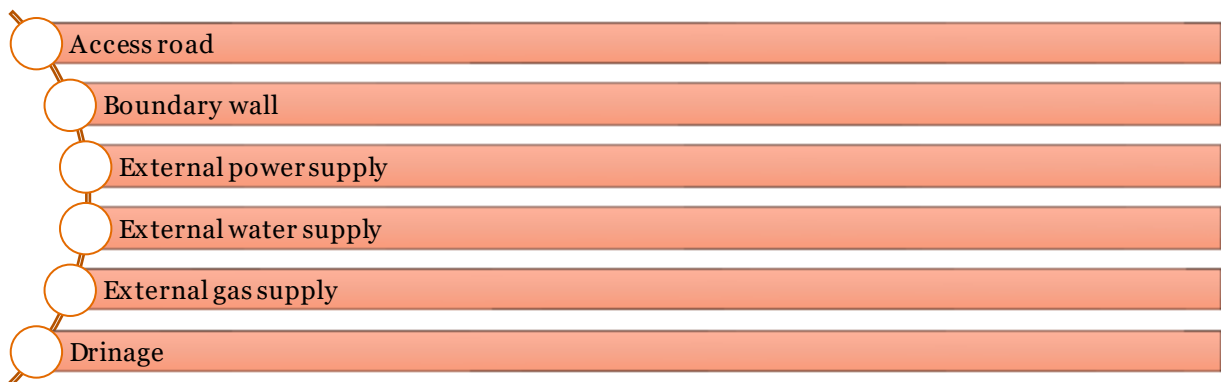
Key Asset	Existing Condition	Issues	Recommendation	Impact	Cost Implications	Timeframe for Improvement	Jurisdictional Responsibility
	handled manually.	Shillong causing undue delay.					
Upgradation of existing regional highways R460	R460 is a two lane bituminous road maintained by RHD. This road carries relatively light traffic but has not received any periodic maintenance. R480 has an average width of 6.12 m.	This road in their present condition would not be able to support increased traffic flow that would happen in future due to establishing of industries in the region and improve connectivity with Dhanu Kamalpur Land port	Expand the existing road both lane and width wise to support more movement of traffic and goods	Upgradation of region highway will improve the regional connectivity and will be	A detailed feasibility study needs to be undertaken in order to arrive at cost estimation and timeframe for improvement.		Roads and Highways Department
Upgradation of river ports	Loading and discharge operations at the port are undertaken by outsourced labor which is available within the port premises.	Underutilization because of inadequate facilities and low draft.	GoB needs to add more facilities and equipment to attract more businesses. Constant dredging would help tackle low draft.	Upgradation of river ports will improve the IWT connectivity of the proposed EZ with Dhaka and other major ports of the country and reduce its dependency on roads	A detailed feasibility study needs to be undertaken in order to arrive at cost estimation and timeframe for improvement.		Bangladesh Inland Water Transport Authority

8. Off-Site Infrastructure Assessment

8.1. Purpose and Objective

For sustained business operation of EZ, it is pertinent that off-site infrastructure and EZ connectivity to the proposed sectors are adequately addressed. To facilitate integration of basic infrastructure and utilities like water, power, gas and access road to EZ, the existing infrastructure facilities surrounding the site need to be identified and gaps that could hinder development of the EZ site, need to be addressed. The major off-site infrastructure components considered for proposed EZ are as follows –

Figure 55: Off-site infrastructure components



Source: MACE analysis

The above listed off-site infrastructure components would be developed by BEZA in order to provide support to the developer who would undertake construction of the Jamalpur EZ. The location of the proposed site to establish Jamalpur EZ is shown below.

Figure 56: Location map of Jamalpur EZ



Source: MACE analysis

8.2. Methodology of Off-site Infrastructure Assessment

A stepwise approach has been adopted to assess the off-site infrastructure for the proposed EZ site.

Step 1: Identification of possible sources

The available infrastructure facilities at the project site and in the surrounding area have been identified by carrying out following activities –

- Study of satellite image;
- Site visit;
- Field investigation; and
- Discussion with the officials - Roads and Highways Department (RHD), Rural Electricity Board (REB) and Department of Public Health and Engineering (DPHE).

Step 2: Feasibility study

The feasibility of utilizing the identified infrastructure component depends upon several factors as outlined below

- **Access road** - The existing carrying capacity of the road and the probability of expansion if required.
- **Power supply** - The available surplus capacity of existing sub-station to cater the power demand of the proposed EZ. Distance of sub-station from the proposed EZ and the possibility of bringing the feeder line to EZ from the source.
- **Water supply** -
 - Surface water: Availability of water to meet the estimated water demand, distance of source from site, quality and possibility of bringing the main supply line from the source.
 - Ground water: Aquifer depth, yield to meet the demand and quality of ground water.
- **Drain** – Capacity of existing drain to carry the additional water from the proposed EZ area.

8.3. Review of Last Mile Off-site Infrastructure

Approach road connecting EZ

The Regional highway namely Muktagacha-Jamalpur road is a 2-lane bitumen road at a distance of 300 m from the site and this road provides main connectivity to the proposed EZ. It is proposed to develop a new approach road to the site from Muktagacha-Jamalpur. There is an existing water channel of River Brahmaputra, flowing between Regional highway and the proposed site. Hence, it is proposed to develop a 30 m wide bridge for a length of about 150 m and an approach road for a length of about 150 m to connect the EZ with Muktagacha -Jamalpur road.

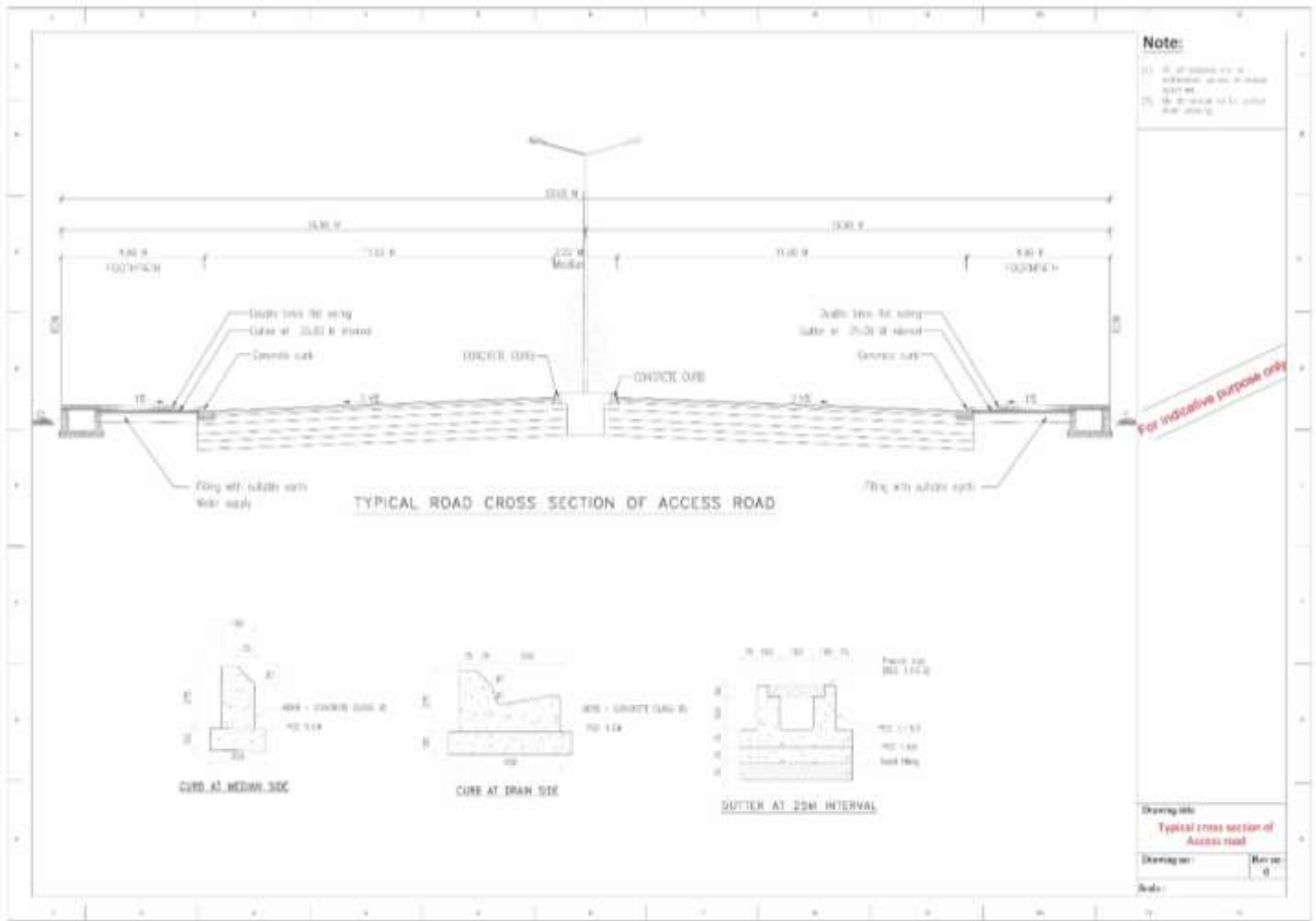
The connectivity and linkages for the proposed EZ is shown on the next page

Figure 57: Map of last mile connectivity to proposed EZ



Source: MACE analysis

Figure 58: Typical cross-section of access road connecting site

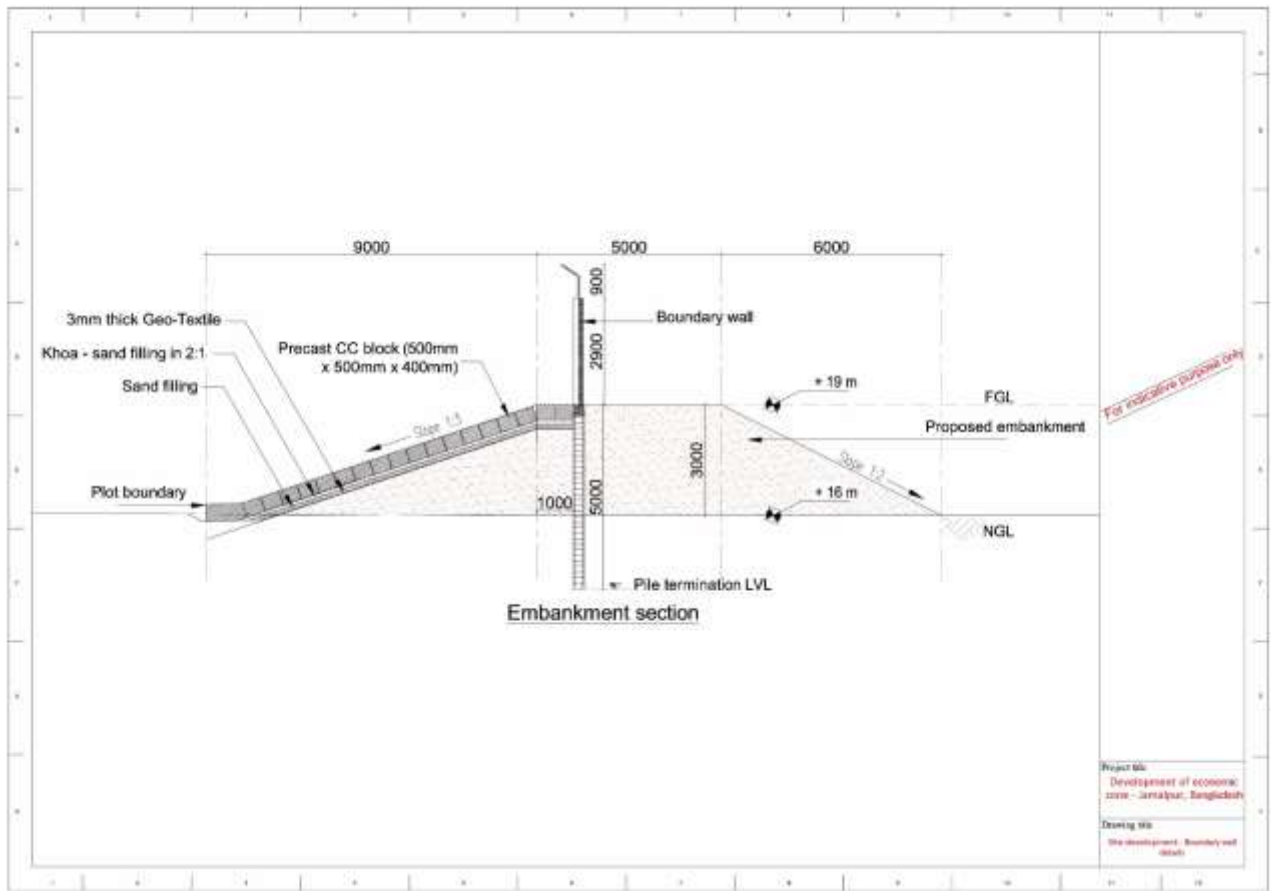


Source: MACE analysis

Boundary wall of EZ

Construction of a boundary wall is required to earmark the EZ site and prevent unauthorized access to the EZ area. Presently, there is no boundary wall at the EZ site, earmarking the EZ boundary. Based on discussion had with BEZA officials, it was decided that boundary wall would be developed by BEZA as a part of off-site infrastructure. Hence a boundary wall having brickwork with suitable height of barbed wire is recommended to be developed at the EZ site. The total length of the proposed boundary wall is about 9 km.

Figure 59: Details of boundary wall



Source: MACE analysis

Power supply to EZ

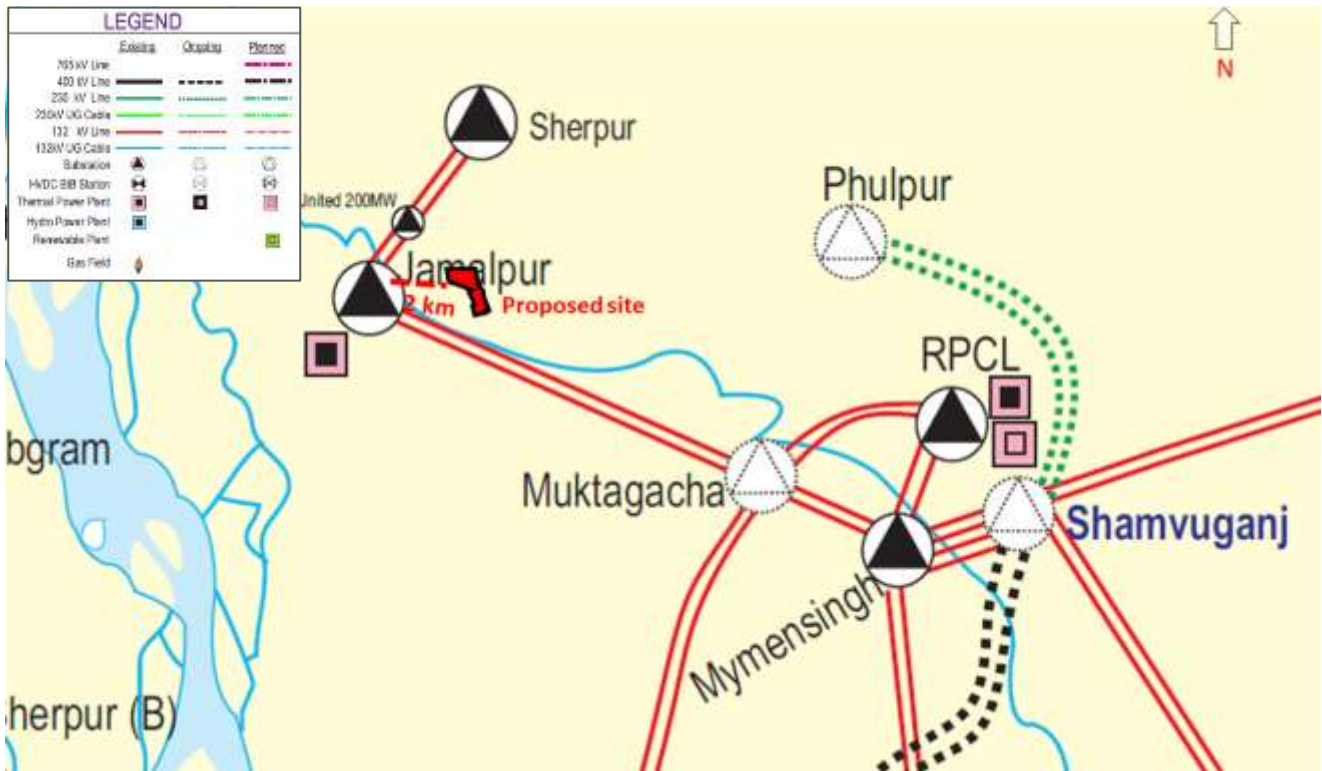
Based on the assessment, it is found that the power demand for the proposed EZ would be about 47 mVA. This figure is indicative in nature and may vary based on on-ground implementation of the project. The developer may undertake a separate industry assessment and master planning exercise in order to validate this figure .

To cater this power demand, a main receiving 132/33/11 kV sub-station shall be established within the proposed site.

During the initial phase of development, the 33/11 kV main receiving sub-station (MRSS) shall be established within the site and as suggested by the officials, power to this sub-station shall be availed by establishing 33 kV overhead transmission line from the 132/33 kV Jamalpur grid sub-station of 232 mVA capacity located at an aerial distance of 2 km from the site (based on proposed tentative alignment). Based on the demand growth of EZ, the proposed 33/11 kV MRSS within EZ site shall be upgraded to 132/33 kV sub-station and incoming 132 kV overhead transmission line shall be established from 132/33 kV Jamalpur grid sub-station of 232 mVA capacity located at an aerial distance of 2 km from the site (based on proposed tentative alignment).

The proposed tentative alignment of power transmission line and the location of sub-station are depicted in the figure on the next page.

Figure 60: Details of external power supply system



Source: Power Grid Company of Bangladesh (PGCB)

Water supply to EZ

Based on the assessment, it is found that the total potable water demand for the proposed EZ would be about 5 MLD. This figure is indicative in nature and may vary based on on-ground implementation of the project. The developer may undertake a separate industry assessment and master planning exercise in order to validate this figure.

Based on the discussion had with officials and local, it is understood that the groundwater in the region is at a depth of 30-100 feet and is potable in nature. Lithology profile of the region is enclosed as Annexure 22. Hence, groundwater can be relied to meet the water demand of proposed EZ.

A tributary of River Old Brahmaputra is flowing near the proposed site on the Southern side. Based on the discussion had with UNO officials, it is understood that this river is perennial in nature and shall be relied to meet the water demand of the proposed EZ. It is proposed to provide suitable water intake system near the river basin and detailed study & hydrogeological investigations need to be carried out to determine the exact intake point and intake system. Hence, it is suggested that suitable intake system and intake point shall be proposed during detailed engineering stage. Details regarding the external water supply system has been provided in the figure below.

Details regarding the external water supply source is depicted in the figure below.

Figure 60: Details of external water supply system



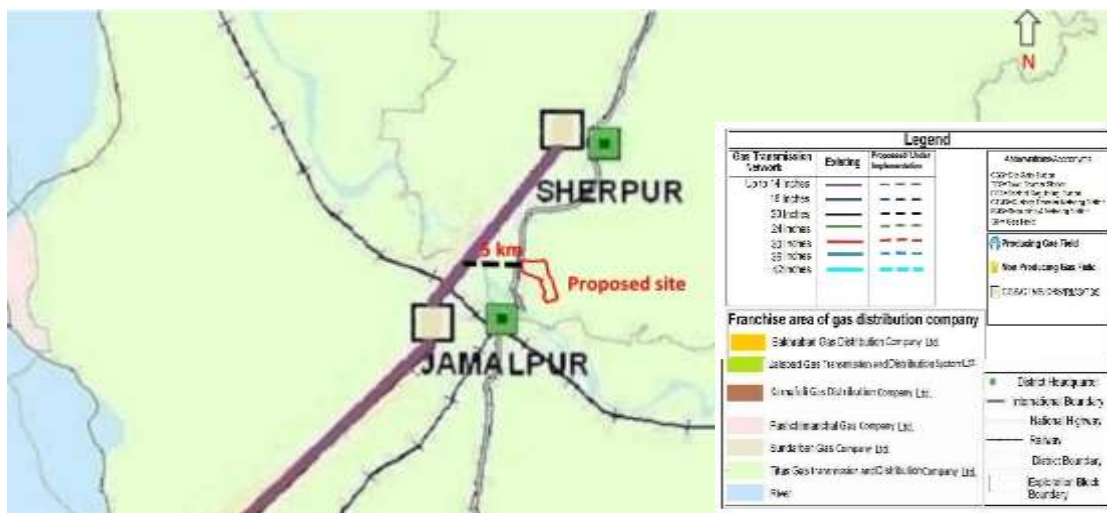
Source: MACE analysis

Gas supply to EZ

Based on the assessment, it is found that the total gas demand for the proposed EZ would be about 18400 m³/day. This figure is indicative in nature and may vary based on on-ground implementation of the project. The developer may undertake a separate industry assessment and master planning exercise in order to validate this figure.

Gas line connecting Jamalpur and Sherpur Gas stations by Gas Transmission Company Limited (GTCL) is at an aerial distance of about 5 km from the site from which an exclusive 8 inch dia gas pipeline shall be established connecting EZ site. Refer following figure depicting the location of existing CGS station and proposed gas line network connecting EZ.

Figure 61: Gas line network



Source: Gas Transmission Company Limited (GTCL) and MACE analysis

Drainage

River Old Brahmaputra flows on the west side of the site. It is recommended to connect the discharge from the drain to the river by identifying suitable drain discharge points.

In order to prevent the storm water entering from adjacent areas to the development area, a cut-off drain, and embankment provided all along the periphery of the site. The surface water discharge is considered and connected to the River Old Brahmaputra to the west side of the site.

Figure 62: Details of External drainage network System



Source: MACE analysis

8.4. Required Improvements or Upgrades

Based on the above study, recommendations have been provided on developing various components of infrastructure to support the development and operation of EZ site.

Approach road

Regional highway Muktagacha-Jamalpur is at a distance of 300 m from site on West side which acts as access road to the site. Also suggested that this 2-lane bitumen road which shall be upgraded to 4-lane for a length of 5.5 km to facilitate smooth movement of vehicles accessing EZ from National highway (N1). While connecting

this regional highway with National highway, necessary turning radius should be provided, and the junction of the highway should be provided with necessary traffic management measures to ensure safe movement .

Power supply

No upgradation has been suggested in the existing system and is proposed to establish an exclusive 33 kV and 132 kV overhead transmission line from Jamalpur sub-station to the EZ site to meet the power demand of EZ.

Water supply

No improvements or upgradation have been suggested in the existing off-site water supply infrastructure since there is no existing water supply to the proposed EZ area. Instead, a nearby available source of River Old Brahmaputra has been considered as a perennial water source for the proposed EZ and is proposed to develop an exclusive water supply system from the river, connecting EZ. Suitable infiltration gallery with pumping system near intake point has to be developed. Hydrological study has to be carried out to identify the suitable intake point from the river.

Drainage

Separate drain network with discharge points can be developed. A cut-off drain along the periphery of the site has been considered and are connected to the Old Brahmaputra river to the west side of the site. The internal drain network has been planned with the discharge to Old Brahmaputra river.

8.5. Last Mile Off-site Infrastructure Action Plan

The infrastructure action plan for the proposed EZ is provided in the following table.

Table 75: Off-site infrastructure action plan

Key assets	Existing condition	Issues	Recommendations	Cost implication	Timeframe for improvement	Jurisdictional responsibility
Access road	Existing 2-lane road connecting site acts as approach road for EZ.	Need upgradation to 30 m wide road. But there are settlements on both sides of the road.	Existing approach road to be upgraded to 30 m wide for a length of about 0.3 km along with widening existing bridge for a length of 150 m.	230.62 million BDT	12 months	BEZA
Boundary wall	Does not exist		Boundary wall having brickwork height of 2.9 m + 0.9 m height of barbed wire and width of 150 mm for a length of 9 km is recommended at the EZ site.	205.22 million BDT	12 months	BEZA
Power supply	132/33 kV Jamalpur grid sub-station at a distance of 2 km from the site has been suggested by officials to meet the initial and ultimate power demand.	At present there is no connectivity to the site.	To build a new dedicated 33/11 kV power transmission line at initial stage from Jamalpur grid sub-station and 132/33 kV line from the same in future to meet the increased power demand.	52.88 million BDT	12 months	REB, PCGB and BEZA
Water supply	The nearest perennial source of water is River Old Brahmaputra.	No water supply connection nearby site from River for Industrial usage.	Draw water supply system from Brahmaputra river with the provision of infiltration gallery.	8.52 million BDT	8 months	DPHE

Gas line	There is an existing gas connecting Jamalpur and Sherpur gas stations running at a distance of about 5 km from the site.	No connectivity near site.	An exclusive tapping line has to be established connecting the site at a distance of 5 km from the site.	50 million BDT	12 months	GTCL
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Source: SoR of PWDB, REB, BWDB, PCGB, GTCL & MACE analysis

In addition to the table displayed above, a breakup of developing off-site infrastructure components has been outlined in the table below.

Table 76: Off-site infrastructure cost estimates

Description of item	Quantity	Unit	Price without tax (In million Taka)	Responsibility
Road network				
Embankment for access road	0.15	km	4.41	BEZA
Road (30 m)	0.15	km	25.62	BEZA
Connecting bridge of 30 m width and 150 m length	0.15	km	200.58	BEZA
Power network				
33 kV overhead transmission line	2	km	8	BPDB
132 kV overhead transmission line	2	km	44	PGCB
Streetlight for approach road	150	Rm	0.89	BEZA
Water supply network	1	km	8.52	BWDB, DPHE
Boundary wall	9	km	205.22	BEZA
Gas supply	5	km	50	GTCL
Project sub-total			547.25	

Source: SoR of PWDB, REB, BWDB, PCGB, GTCL & MACE analysis

The off-site infrastructure cost estimates have been arrived after taking into considerations benchmark costs as prevalent in the construction sector of Bangladesh.

8.6. Key Takeaways

Off-site infrastructure captures the external basic infrastructure facilities which need to be developed. BEZA is the responsible authority for developing off-site infrastructure. The major off-site infrastructure considered for the proposed EZ are boundary wall, water supply, power supply, access road, drainage etc. These external infrastructure facilities and sources have been identified and well-integrated with the proposed EZ based on site visit, data collection, stakeholder consultations with various government agencies (such as RHD, REB and DPHE).

Key recommendations formulated from this exercise are outlined below-

- Proposed site has good regional connectivity and an existing 2 lane approach road connects the site with Regional highway and National highway (N1). Proposed to upgrade this approach road to 30 m wide road for a length of 0.3 km. Also, an existing bridge along the approach road of length 150 m has been proposed to widen for a width of 30 m;
- Groundwater source can be relied to meet the initial water requirement of the project during construction stage. To meet the water requirement of EZ, River Brahmaputra which is perennial in nature has been proposed as a source with required water supply system.
- 132/33 kV Jamalpur grid sub-station shall be relied to meet the initial and ultimate power demand of EZ.
- Boundary wall for a length of about 9 km has been proposed along the periphery of the EZ;
- The gas supply line for a length of about 5 km has been proposed to connect EZ.
- To ensure smooth collection and discharge of the surface runoff, River Old Brahmaputra on the western side of the site have been identified as the suitable discharge points.

-
- During later stage i.e. feasibility/detailed design stage, the alignment of proposed utilities like water pipelines, approach roads, Transmission line, gas pipeline etc. should be selected in a judicious way so that the impact on settlement is avoided to the maximum extent. A detailed SIA should also be conducted at that stage to identify the extent of impact and RAP/ARAP should be developed to ensure the compensation towards the losses likely to be caused by the project. The SIA should cover the EZ site as well off site infrastructures sites proposed for the project.

9. Master Planning

9.1. Purpose and Objective

The aim of setting up an EZ in Jamalpur is to develop multi-sectoral industries such as Food and Beverages, Agro based products, Electrical and Electronics and Leather and Leather products in the region with excellent state-of-the art infrastructure facilities and professional management to attract and support investments in industrial sectors.

While short-listing the above industries, for master planning purpose, entire processing area has been considered as a single industrial zone having varied plot sizes. However, this zoning plan is indicative in nature and may vary based on on-ground implementation of the project. The developer may undertake a separate industry assessment and master planning exercise in order to validate the same.

Hence, Jamalpur EZ, in the form of prepared land, is planned to be developed with general and specialized infrastructure facilities. This EZ focuses on development of large, medium and small-scale industries. All facilities required for target industries have been planned and identified in this chapter. This will enable the proposed EZ to function as an integrated package having the required facilities and service activities with sufficient provision for future growth and expansion.

Given the industrial base and the concept of EZ which has evolved to leverage the cluster advantage of industries, the proposed project will strengthen Jamalpur and Sherpur District's position in the industrial sector map of Bangladesh and will contribute to the economy. A careful planning exercise has been undertaken to position the project taking into account the geographic, demographic, raw material resources, industrial, economic and social characteristics of the region and it is in this context that master planning of the project assumes significance.

In order to implement this uniquely conceived EZ as a fully integrated and functional facility, as well as to develop confidence for foreign and local developers to undertake the development of the project and subsequent operation of their businesses, certain planning objectives/principles are envisioned as depicted in the figure below.

Figure 63: Principles adopted for master planning



Source: MACE analysis

9.2. Methodology of Master Planning

Based on industry assessment and demand forecast

The industries which would be envisaged for this EZ site were shortlisted after an extensive study on the macro-economic parameters of Bangladesh, combined with regional and site level assessment in order to identify and leverage the raw materials and market demand which would assist the industries in the EZ site. This was further validated through primary interactions and stakeholder consultations. Demand forecast for land space from each industry identified during industry assessment, has been calculated based on the country level growth trend of the identified industry after taking into consideration the regional level investments, development of mega infrastructure and other green field EZs planned in the region.

Methodology adopted in preparing the master plan

The methodology adopted in preparing the master plan is provided below –

Step 1: Study of existing features and constraints

As a preliminary step of preparing the master plan, existing features in and around the proposed EZ have been studied in detail to understand the beneficial features and constraints at the EZ site. It is also necessary to understand the site on basic factors such as existing connectivity, the predominant wind direction, general slope of the terrain etc.

Step 2: Preparation of master plan

As a preliminary step of preparing a land use plan, major road network inside the EZ site has been planned based on entry/exit points connecting all the zones within EZ. This has been followed by sub-zoning, land parcellation, planning of internal secondary access roads based on land parcellation, planning of utilities & amenities, green & open space and phasing.

The planning concepts considered for the proposed EZ is depicted on the next page. The EZ shall be a self-contained region with a salubrious surrounding and is envisaged to be developed as “Sustainable-holistic-smart intelligent-eco-economic zone”.

Step 3: Zoning

During this zoning stage, entire site area would be divided into different zones.

9.3. Master Planning Consideration

Planning for the proposed EZ is based on the broad objective of establishing a world class business environment targeted essentially at high growth manufacturing and processing industrial & related infrastructure sectors.

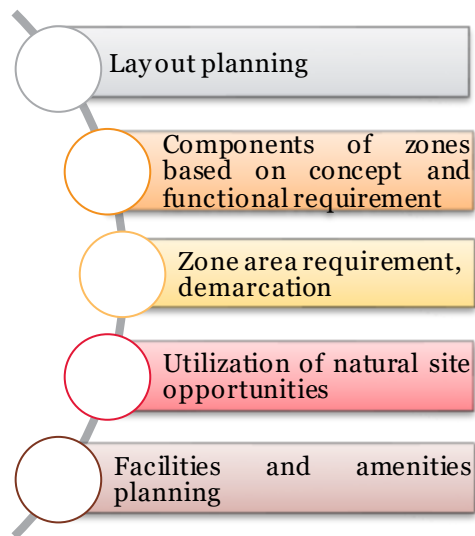
Each zone within the EZ has been planned to be dedicated to the specific sub-sector and would be a self-sufficient unit in terms of facilities, ability to attract investors and revenue generation.

Social and commercial amenities are also planned to provide convenience to visitors as well as to the working population within the EZ. The project is planned to be housed in a lush green environment and accordingly, landscaping and greenery are planned.

- **Land use and layout:** The whole area is suitably divided into a number of identified activity centres of different sizes. The layout is developed with complete understanding of the phasing program. Integration of the financial aspects with physical planning aspects is the most important factor for success in implementation;
- **Constraints and core offering of the site:** All site-specific constraints are fully respected and mitigation measures are fully taken into consideration while developing the master plan. Similarly, the planning fully leverages the core and supplementary offering of the site;
- **Services and amenities:** The master plan considers planning for services and amenities;
- **Lack of enforcement/control on land use and growth of unapproved layouts:** Well-conceived EZ implementation framework shall be suggested to address these issues;
- **Non-uniform distribution/concentration of industrial growth pockets:** A structured industrial zoning in terms of raw material, effluent generation, pollution level category, end-product distribution etc. is done and accordingly sub-zones in EZ are suggested;
- **Conservation of ground water & surface water resources:** Sustainable infrastructure planning, incorporation of eco-friendly concepts and environment sustainability, water conservation schemes, environmental infrastructure, recycling and reuse options etc. are incorporated in the EZ development program;
- **Poor quality of roads & unplanned road junctions leading to traffic congestions:** EZ development plan identifies the constraints and appropriate road network including the approach roads, road congestion removal by the provision of grade separators and hinterland connectivity, augmentation/widening of existing roads are being suggested; and
- **Environmental management:** Various aspects such as adherence to pollution control norms & standards control over goods, storage and handling of industrial waste, common treatment, etc. are given paramount importance while planning.

The summary of considerations for master planning is depicted below.

Figure 64: Master planning considerations



Source: MACE analysis

9.4. Master Plan

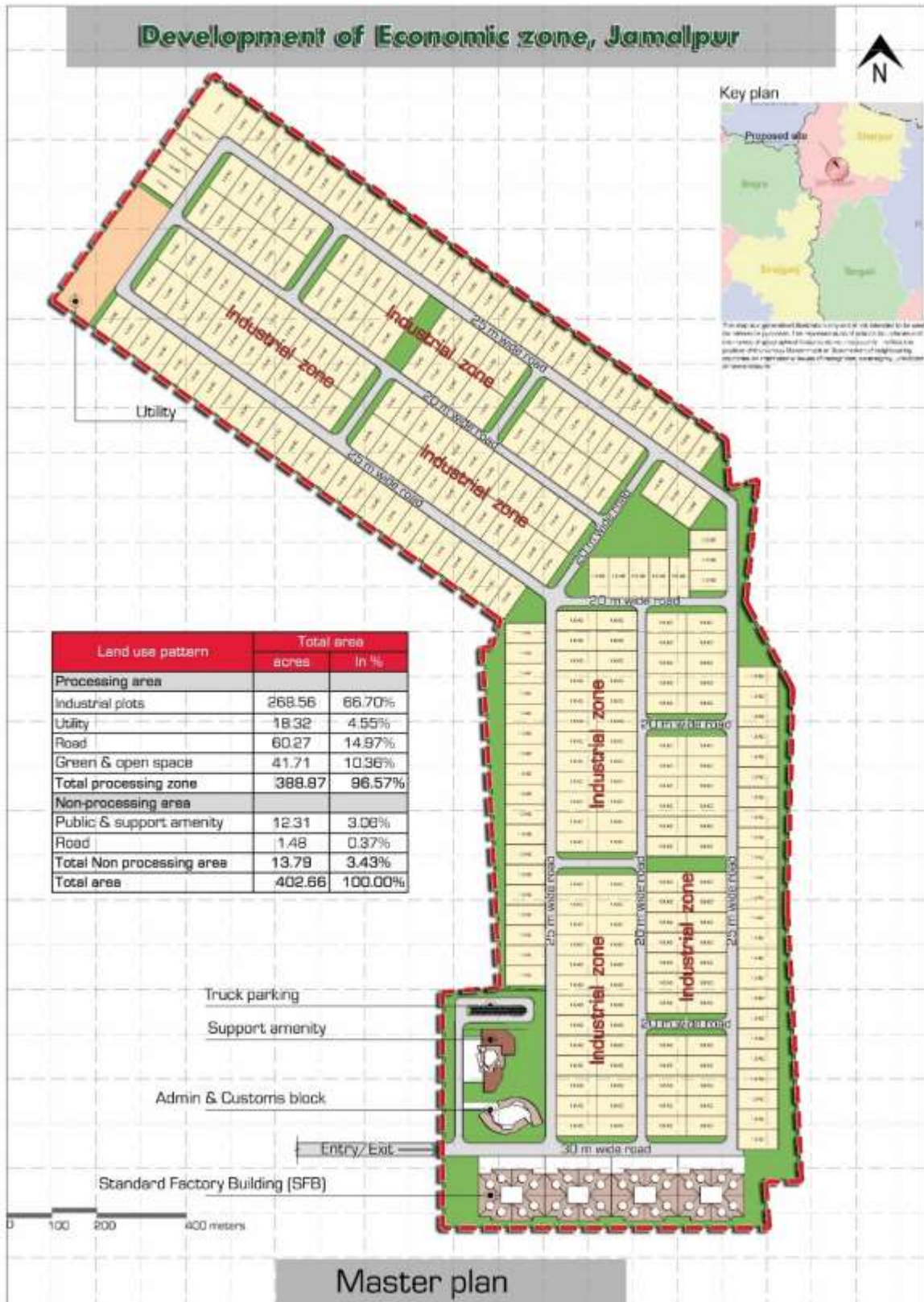
A best practice master plan based on zoning exercise has been prepared. As a preliminary step of preparing a zoning-based master plan, major road network inside the EZ site has been planned based on entry/exit points connecting all the zones within EZ. This has been followed by sub-zoning, land parcellation, planning of internal secondary access roads based on land parcellation, planning of utilities & amenities, green & open space and phasing.

Detailed master planning is done on basis of a cluster wise approach covering the following components:

- Land use plan;
 - Detailing the locations and sizes of various land uses
- Land parcel plan;
 - Showing the subdivision of industrial land
- Micro level zoning;
- Phasing;
- Utilities mapping;
- Greenery and open space plan; and
- Road category.

The proposed master plan of EZ is given in the figure on next page.

Figure 65: Master plan of EZ



Source: MACE analysis

various type of industries arrived from market demand analysis are as follows -

- Food and Beverages
- Agro Based products
- Electrical/Electronics
- Leather and Leather products

Within industrial zone, there should be a chance for establishing various type of industries according to the trend, and requirement of developer. In order to provide that flexibility during implementation stage, area for the industrial zone has been earmarked as whole. This will attract the developers towards EZ due to its high flexibility. Apart, area for utilities, amenities, green & open space and supporting facilities have been earmarked in the proposed master plan.

9.5. Land Use Plan

The land use pattern of the EZ is determined considering the land requirement for various processing units, public amenities etc.

The different land use proposed in the master plan is depicted in the figure below.

Figure 66: Land use plan of EZ



Source: MACE analysis

Table below provides the land use pattern of the proposed EZ.

Table 77: Land use pattern of the proposed EZ

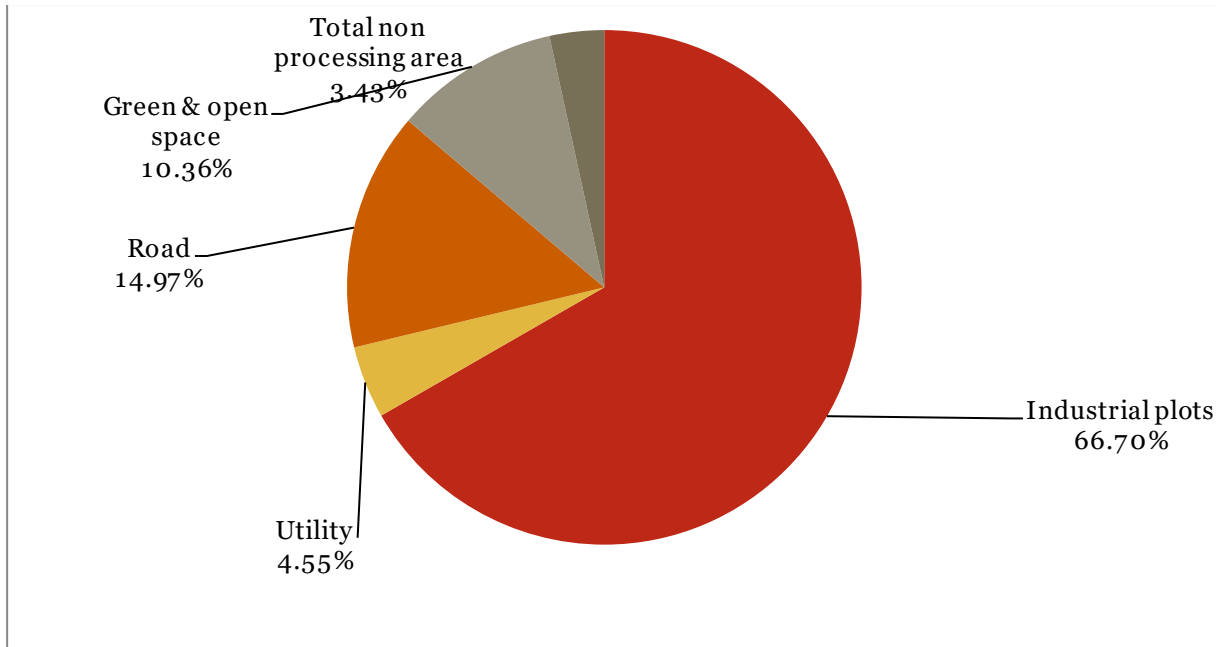
Land use pattern	Total area		Saleable area		Non-saleable area	
	acres	In %	acres	In %	acres	In %
Processing area						
Industrial plots	268.56	66.70%	268.56	66.70%		
Utility	18.32	4.55%			18.32	4.55%
Road	60.27	14.97%			60.27	14.97%
Green & buffer space	41.71	10.36%			41.71	10.36%
Total processing zone	388.87	96.57%	268.56	66.70%	120.31	29.88%
Non-processing area						
Public & support amenity	12.31	3.06%	6.16	1.53%	6.16	1.53%
Road	1.48	0.37%			1.48	0.37%
Total Non-processing area	13.79	3.43%	6.16	1.53%	7.64	1.90%
Total area	402.66	100.00%	274.72	68.23%	127.94	31.77%

Source: MACE analysis

The land use pattern as elucidated in the table above covers the infrastructural components being planned to be developed inside the EZ site. Provision of Standard Factory Buildings (SFBs) over an area of 20 acres having 60% coverage that would be established for industries.

Due care has been taken to include provisions for adequate green and open space. Non-processing area has been segregated into different blocks to include facilities like admin & customs blocks and supporting amenities.

Figure 67: Land use pattern – EZ site



Source: MACE analysis

The above figure indicates a percentage wise breakup of land use pattern of the entire EZ site. An overview of this figure reveals that industrial area has been allocated as maximum area in the EZ site, given the fact that Jamalpur potential to establish industries with good access to raw materials.

Based on the land use pattern shown in the previous page, 68.23 % of land area accounts for saleable area and remaining 31.77% of land area accounts for non-saleable area. Out of 68.23% total saleable area, 66.70% accounts for industrial use of targeted sector. Remaining 1.53% of saleable land area is earmarked for supporting amenities. Zone specific and supporting amenities include all support infrastructure such as vocational training centres, R&D facilities, administration and customs block, commercial and retail, healthcare, childcare facilities, Fire station, Truck parking and etc.

Green space required as per BEZA guidelines and international planning norms in practice has been earmarked at strategic locations in the master plan. Private green within the industrial plots is not included in the computation of overall green area of EZ. The greenery has been proposed all along the boundary of the site, at common public space and between each industrial zone.

The layout showing earmarked area for green/open space within the proposed EZ is shown in the next page:

Figure 68: Green and open space



Source: MACE analysis

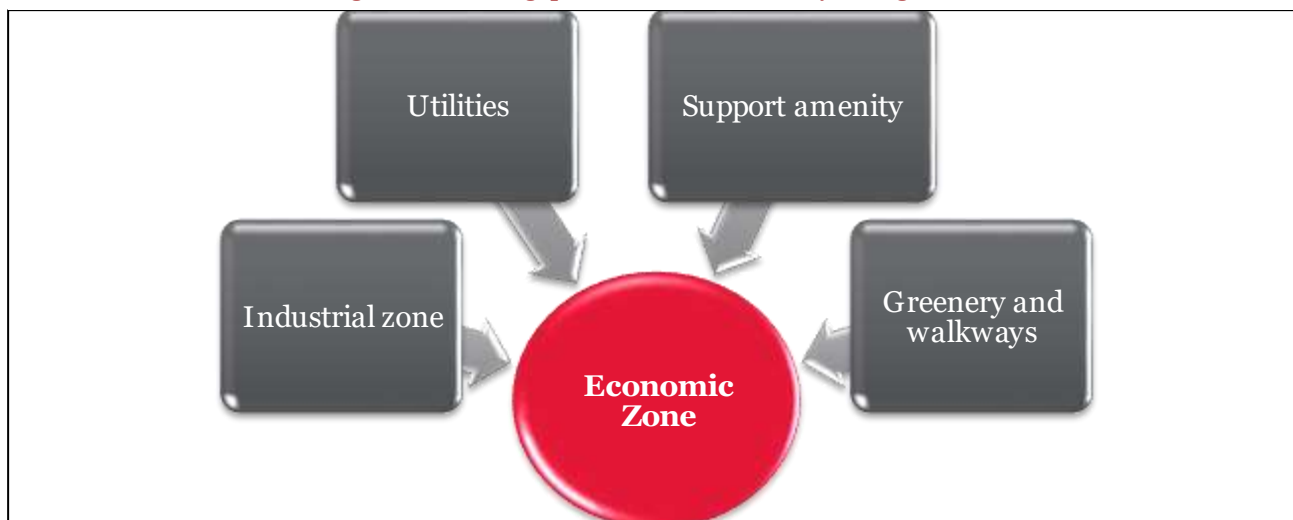
9.6. Zoning Plan

The zoning design has been done in order to have a smooth pedestrian circulation by simplifying the movement patterns and allowing the inter-zone movement.

Zoning, product mix and facility configuration

A well-balanced land use has been envisioned with a judicial mix of business, commercial and social zones as illustrated in the below figure.

Figure 69: Zoning, product mix and facility configuration



Source: MACE analysis

9.7. Zoning Principles

The development bound to occur within the EZ premises shall comply with competent local byelaws. This shall ensure a uniform development of the structures and buildings planned within the EZ. BEZA has prepared a stand-alone development control regulation guideline which derives its essence from the local planning guidelines (As per Bangladesh National Building Code). It shall be ensured that any tenant/occupant unit in the EZ shall comply with the norms as stipulated below.

Floor Area Ratio (FAR)

- Floor area ratio is defined as ratio between the total build-up area and total plot coverage; and
- In construction of building, FAR shall be 6, provided that internal roads, open to sky driveway and parking area, tanks, Sewage Treatment Plant (STP), Effluent Treatment Plant (ETP) shall be excluded from FAR calculation.

Site coverage

In the construction site, the covered area shall be as follows:

- Maximum 50% of the total area shall be covered by factory building, powerhouse, storage, covered parking, ETP, overhead STP etc.;
- 30 % of the site shall be covered by the driveway, open parking, 50 sqm guard room, fire command centre, cycle stand, internal roads, underground water tank & septic tank; and
- 20% of the site shall be open to sky soak area, provided that soaking soft pave may be used instead of green grass or naked earth in the open space.

Setback

- A minimum front setback of 12 m shall apply to the primary street and a minimum setback of 4.5 m shall apply to the secondary street or unless otherwise determined by the Authority;
- Side and rear setbacks shall be 3.5 m;
- Notwithstanding anything contained in sub-rule (1) and (2), the Authority may, considering the following circumstances, make variation up to a reasonable limit in determining the setbacks, namely:
 - General streetscape;
 - Properties and buildings near and surrounding the site;
 - Fire separation distance;
 - Solar aspect and prevailing breezes; and
 - Bulk of the development.

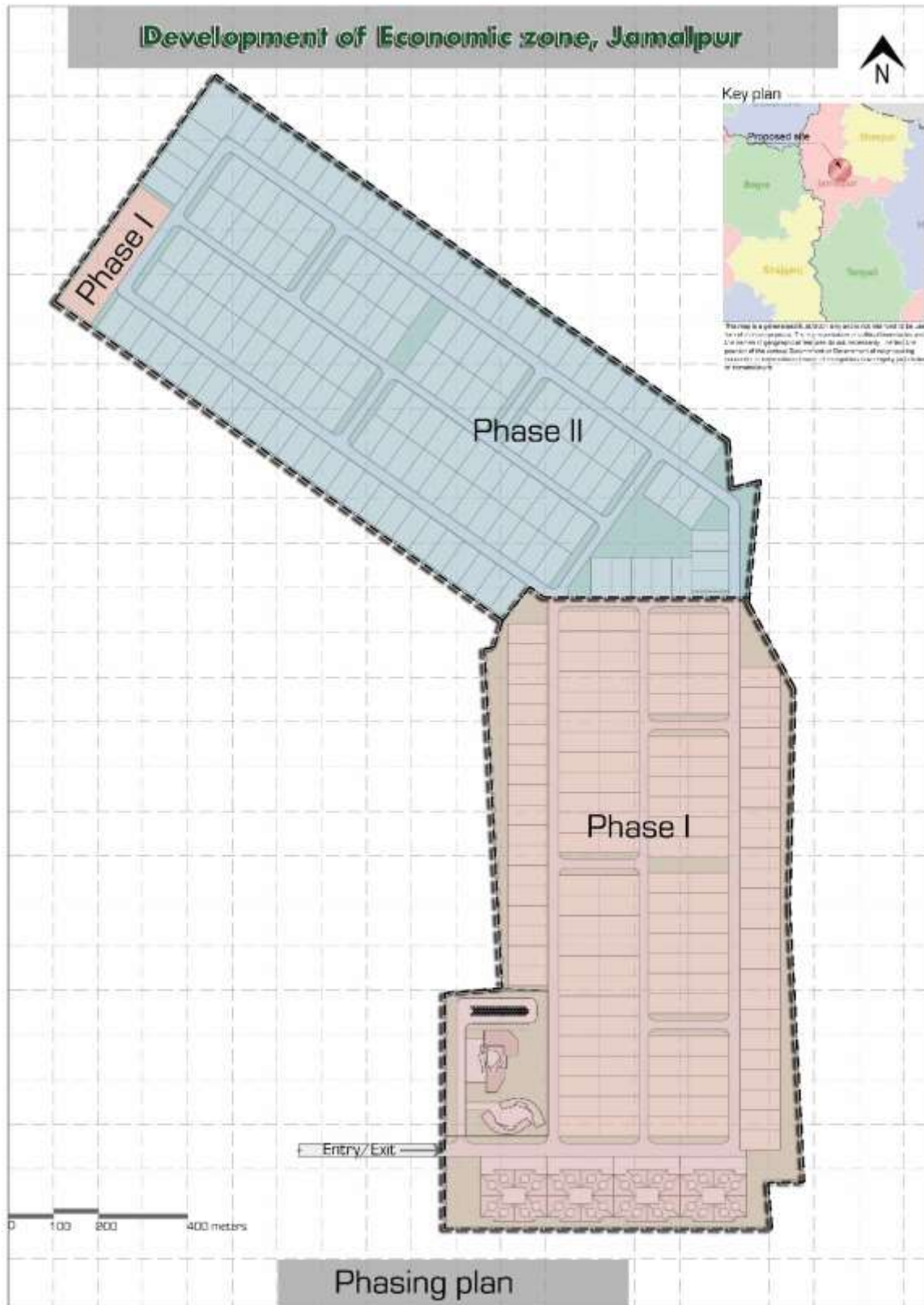
Community open space for industrial plots.

- For every industrial plot having an area of 1.0 hectare or more, a minimum of 10% of the total area, but not exceeding 0.25 hectare, shall be reserved as community open space and such area shall be contiguous to and shall have a means of access from every unit of the industry for recreational activities of the persons working in the industry and also linked to the external roads for safe exit during emergency; and
- The adjacent road network and the internal open space together shall be used for the assembly area during emergency.

9.8. Phasing Plan

The project is planned to be developed over 2 phases. It is proposed to develop 241 acres of land in phase I and 162 acres of land in phase II. The details of the phasing plan are shown in the next page.

Figure 70: Phasing plan of EZ



Source: MACE analysis

The details of the phase wise land use breakup are as shown in table below.

Table 78: Phase wise land use breakup

Land use pattern	Total area	Phase I	Phase II
	(in acres)	(in acres)	(in acres)
Industries	268.56	168.00	100.56
Utility	18.32	9.16	9.16
Road	60.27	36.16	24.11
Green and open spaces	41.71	20.85	20.85
Non-processing area	13.79	6.90	6.90
Total	402.66	241.1	161.58
	~ 403	~241	~162

Source: MACE analysis

9.9. Plot Details

There are totally 256 plots within EZ out of which 254 plots are earmarked for industrial usage, 1 plot for utilities and remaining 1 plot has been earmarked for public & support amenities. From the proposed land use distribution, it can be observed that industrial usage is the predominant land use.

Besides offering pleasant environment for people to work, the development will offer a variety of prepared land plots complete with infrastructure for clients to build their own factories. Industrial land will be marketed as prepared land sites complete with infrastructure.

The parcellation of plots is done with the aim of accommodating various type of industries according to the convenient of investors. Occupant units can merge or sub-divide the prepared land into appropriate sizes to meet their own requirements. Conversely, the larger plots can be subdivided by introducing some minor roads if the demand is for small plots. Prominent sites which normally command a slightly higher land premium are reserved for industrial brand names and multinational companies (MNCs) who desire these prime locations for enhancement of their corporate image and are ready to pay a premium price for the same. A variety of small and large plots are provided to meet the varied needs of industrialists. Breakup of the industrial area and plot details envisaged for the EZ site is given below.

Table 79: Break up of industrial area and plots

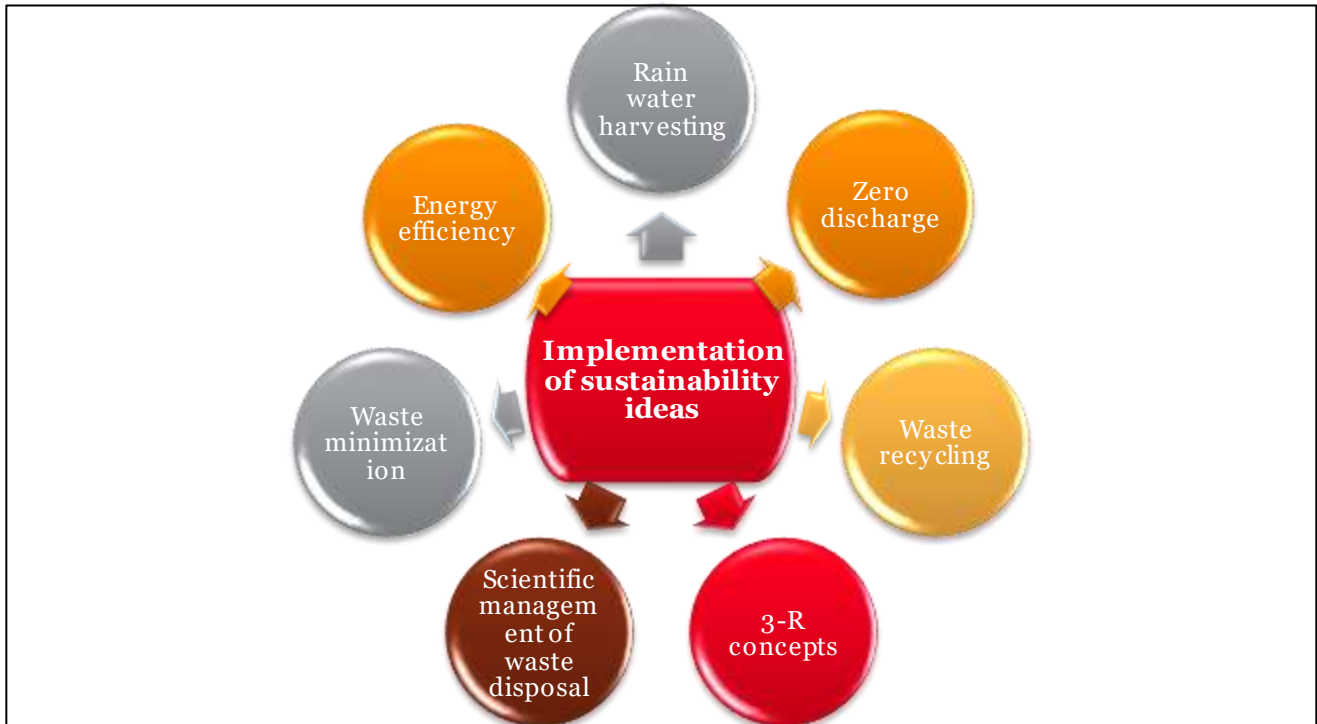
Description	Industrial area /plots	Phase I	Phase II
		industrial breakup	industrial breakup
Industrial area (in acres)	268.56	168.00	100.56
Number of industrial plots	254	150	104
1-acre plots	240	150	90
1-2-acre plots	10	5	5
> 2-acre plots - SFB	4	4	

Source: MACE analysis

9.10. Sustainability Initiatives

The development of the EZ is driven on strong foundation of sustainability concepts and these needs were built right in the conceptualization stage itself. The sustainable elements conceived in the concept plan include use of eco-friendly materials, recyclable material, avoidance of toxic chemicals, usage of environmental friendly products, waste minimization technologies, scientific treatment of waste and energy recovery possibilities to reduce power consumption etc. as shown in the figure below.

Figure 71: Sustainability initiatives



Source: MACE analysis

Implementation of the above-suggested sustainability ideas inside the EZ would enable an eco-friendly and holistic growth of the regional economy providing adequate benefits to local stakeholders and at the same time preserving the local fauna and flora in vicinity of EZ site.

9.11. Key Takeaways

Taking inputs from industry assessment and demand forecasting, best practice master planning has been carried out to enable state-of-the art infrastructure facilities in the proposed EZ to attract and support investments in industrial sectors.

Master planning takes into cognizance layout planning, zoning based on concept & functional requirements, facilities & amenities planning. Master plan comprise of zoning plan, road network plan, detailed land use and phasing plan.

Key recommendations formulated from this exercise are outlined below -

- During master plan, entry/exit has been planned from the approach road connecting the site. The whole site area has been divided into various zones such as industrial zone, institutional zone, amenities and utilities zones;
- Land parcellation, planning of utilities & amenities and phasing of proposed master plan;
- This project has been planned to be developed over 2 phases with each phase having a construction period of 2 years;

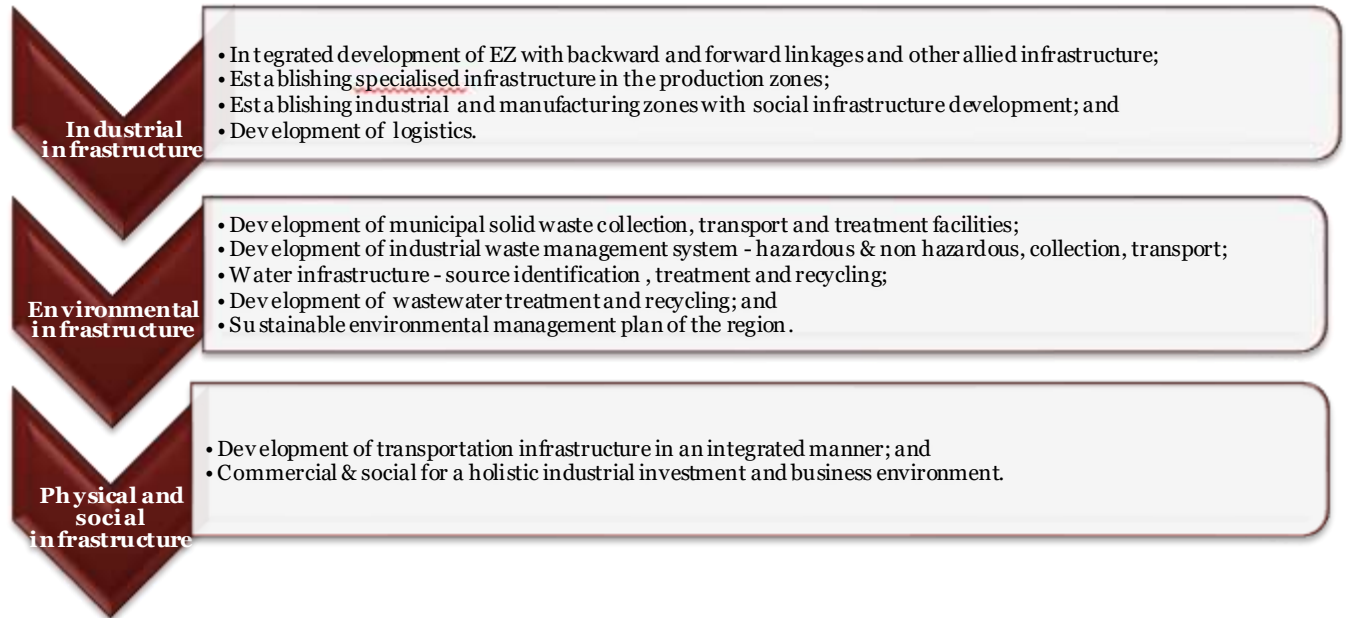
-
- Best practice master planning indicates that 68.23 % of land accounts for saleable area and remaining 31.77 % of land accounts for non-saleable area. Out of 68.23 % total saleable area, 66.70 % accounts for industrial use of targeted sector and remaining 1.53 % is for public and support amenities; and
 - 256 plots have been earmarked in the proposed master plan for different usage out of which 254 plots are earmarked for industrial usage, 1 plot for utilities and remaining 1 plot has been earmarked for public & support amenities.

10. Infrastructure Plans

10.1. Purpose and Objective

The industrial, environmental, physical & social infrastructure objectives of EZ are described in figure below.

Figure 72: EZ infrastructure objectives



Source: MACE analysis

The infrastructure is the key requirement for sustainable operation of the EZ. Infrastructure requirements are categorized as follows:

- 1) Infrastructure within EZ;
- 2) Specialized infrastructure; and
- 3) External connectivity and off-site infrastructure for EZ.

All the necessary infrastructure facilities for the development are designed to create an ideal ambience and best environment.

As a part of infrastructure planning and designing, the infrastructure demand will be calculated. For the same, it is planned to consider the high demand industrial requirement as a base value for arriving the overall demand of water, power etc., for the proposed EZ. Hence, it provides the flexibility in establishing different industries based on the investors requirements which makes the EZ ready to occupy with sufficient infrastructure facilities to meet their demand.

10.2. Methodology of Infrastructure Plans

The basic considerations and the methodology adopted for planning various infrastructure components within the EZ are provided in the following table.

Table 80: Details of components covered under infrastructure plan

Components	Detailing of utilities, infrastructure within proposed EZ
<p>➤ Roads – general considerations</p>	<ul style="list-style-type: none"> ○ Primary, secondary, collector roads are planned to give access to the industries within the EZ; and ○ In order to maximize land values and minimize land taken by major and minor roads, a proper hierarchy of roads is proposed to ensure smooth traffic movement inside EZ.
<p>➤ Roads – categories</p>	<ul style="list-style-type: none"> ○ Different categories of roads are proposed for the internal road transportation network; and ○ The details are given in Table-Hierarchy of roads. ○ Routes and paths are provided for easy movement of visitors with enough care so that no transport system interrupt in the way of pedestrians; ○ Aesthetically designed walkways are provided along with lush green environment on either side of road; ○ Pedestrian walkways are provided for all categories of roads;
<p>➤ Roads – pedestrian walkways</p>	<ul style="list-style-type: none"> ○ All services for drains, sewers, water, power and telecom are contained within the road right of way; ○ Necessary signage, street name boards, zone guiding maps and visitor's guidance map etc. are suggested to be positioned at necessary locations, such as intersections and at various strategic locations in each zone; and ○ No access is planned to be allowed near the road junctions and it is recommended that ingress/egress points will be with a setback of at least 30 m from the road junction.
<p>➤ Roads - pavement structure</p>	<ul style="list-style-type: none"> ○ In the proposed EZ, flexible pavement structure is recommended for the following reasons: <ul style="list-style-type: none"> • Ease of rehabilitation in consideration for anticipated long-term settlement; and • Lower reinstatement cost to accommodate future laying of utility services. ○ The typical composition of flexible pavement structure is detailed in Table - Composition of flexible pavement structure considering California Bearing Ratio (CBR) value of 2% and traffic in cumulative equivalent standard axles (ESA) (millions) is 30; ○ Wherever necessary, the unsuitable soil at sub-grade/below sub-grade level shall be replaced with suitable materials as per standard specifications; and ○ The surface wearing course should be delayed in the initial construction and could instead be laid 12 months later or in the subsequent road development program. This would minimize reinstatement costs during subsequent underground services laying, road crossings, connections and settlement in the filled areas.
<p>➤ Surface drainage – general considerations</p>	<ul style="list-style-type: none"> ○ Based on topography of the EZ, the drainage pattern has been decided.
<p>➤ Surface drainage – peak runoff</p>	<ul style="list-style-type: none"> ○ The peak runoff and discharge capacities are computed based on the following design parameters: <ul style="list-style-type: none"> • The peak runoff is planned to be computed based on rational formula: <ul style="list-style-type: none"> - $Q = C * I * A / 360$ Where, Q = Quantity of runoff, m³/s

Components	Detailing of utilities, infrastructure within proposed EZ
	<p>C = Coefficient of runoff I = Intensity of rainfall, mm/hr A = Catchment area, hectare</p> <ul style="list-style-type: none"> Considering the nature of soil/ surface, the coefficient of runoff adopted in the drainage computation are given below: 0.9 - for built-up area; 0.5 - for road and other paved area; and 0.2 - for greenery and open area.
<p>➤ Surface drainage – sizing</p>	<ul style="list-style-type: none"> The sizing of the drains is designed based on the discharge capacity of Qc to cater adequately the estimated peak runoff using Manning's formula: - $Q_c = (1/n) * A * R^{2/3} * S^{1/2} \text{ (m}^3\text{/sec)}$ Where A = Area of cross-section of drain (m²) R = Hydraulic mean radius (m) S = Hydraulic gradient n = roughness coefficient
<p>➤ Surface drainage – design & scheme</p>	<ul style="list-style-type: none"> The drainage system is planned to cater for the entire EZ through gravity flow; Drains are proposed to be provided on both sides of the roads; Open trapezoidal drain is considered for the surface runoff collection due to easy maintenance for the primary road. Stone pitching is considered for the side walls and plain cement concrete (PCC) for the base; Covered rectangular brick masonry drain is considered for the remaining areas for optimization of area under drainage; Reinforced cement concrete (RCC) box/pipe culverts of suitable sizes are considered for road crossings; and Rainwater harvesting structures are envisaged all along the drain at every 100 m interval.
<p>➤ Water demand</p>	<ul style="list-style-type: none"> The water demand estimation norms considered for arriving the water demand is depicted in Table-Water demand estimation norms.
<p>➤ Water losses</p>	<ul style="list-style-type: none"> Water losses occur in the distribution and transmission network. The percentage of loss depends on the pipe material, jointing system, etc. As this is a complete loss, it is attempted to keep these losses below 10% of the total demand; Potable water has been used for processing, bathing and washing clothes, cooking, drinking and washing vessels; Non- potable water has been used for gardening, cleaning, cooling and toilet flushing; and The water consumption pattern assumed is given in Table-Water consumption pattern.

Components	Detailing of utilities, infrastructure within proposed EZ
<p>➤ Fire protection demand - non-potable</p>	<ul style="list-style-type: none"> ○ Fire demand in litres per minute has been calculated based on the following formula: $Q_{FD} = 4000 \times (P)^{0.5} \times (1 - 0.01 \times (P)^{0.5})$ <p>Where P = Population in thousands per hectare</p> $Q_{FD} = 866 \text{ lpm}$ $= 46 \text{ cum/hr}$ ○ Considering two hours fire demand requirement, the total quantity of water required for fire protection is 92 cum; and ○ Demand for firefighting has not been considered under daily demand. One-time storage i.e. 2 hours of fire demand will be reserved and maintained at all time.
<p>➤ Average water demand</p>	<ul style="list-style-type: none"> ○ Based on the computation and analysis, the total average water demand is estimated and presented in Table-Summary of water demand; and ○ The water demand estimation for different components in the processing and non-processing area is depicted in Table- Estimation of average daily water demand.
<p>➤ Water storage</p>	<ul style="list-style-type: none"> ○ Based on the above estimates, the following infrastructure for the EZ is proposed. ○ Sump <ul style="list-style-type: none"> • The total storage capacity of the sump is based on 24 hours storage. Proposed storage capacity is shown in Table- Sump storage capacity; and • Two sumps have been proposed, one for potable water and other for non-potable water which includes fire demand. ○ Elevated level service reservoir (ELSR) <ul style="list-style-type: none"> • The total storage capacity of the ELSR is based on 2 hours storage. Storage requirement is shown in Table – ELSR capacity; • Two numbers of ELSR have been proposed, one for potable water and other for non-potable water to serve the processing and non-processing area; and • As per standard norms, the tail end should have a minimum residual pressure of 7.0 m. To meet the norms, the staging height of ELSR shall be fixed accordingly by the project implementation agency.
<p>➤ Water pumping station</p>	<ul style="list-style-type: none"> ○ Water pumping station for potable and non-potable water is required for pumping from the sump to ELSR; and ○ The water supply scheme including distribution is planned based on the peak flow, minimum residual pressure and pipe material.
<p>➤ Water distribution network</p>	<ul style="list-style-type: none"> ○ It is proposed to provide separate water distribution network for potable and non-potable supply; ○ The design criteria for the design of water supply network are given below. <ul style="list-style-type: none"> • Demand computation based on the analysis; • Working hours per day – 24 hours; • Pipe material <ul style="list-style-type: none"> ▪ For pumping main - DI (K9); ▪ For distribution up to 200 mm diameter - HDPE (PE 100); ▪ For distribution above 200 mm diameter - DI (K7); ▪ Pipe roughness co-efficient - 140 for DI and 150 for HDPE; ▪ Formula used for friction loss - Hazen Williams; ▪ Minimum residual pressure at all tapping points - 7.0 m;

Components	Detailing of utilities, infrastructure within proposed EZ
	<ul style="list-style-type: none"> ▪ ELSK staging height - as per design requirement. ○ The proposed pipe size and pumping capacity are given in Table - Pipe sizing for processing area and Table-Pump capacity
<p>➤ Sewage quantity estimation</p>	<ul style="list-style-type: none"> ○ The sewerage system is planned to cater for the anticipated peak discharge requirements and to treat the waste to the required discharge standards; ○ The estimation of the sewage shall vary depending upon the land use distribution; ○ The domestic sewage to be generated has been assumed to be 80% of the domestic water consumption in addition to an infiltration of 10%; ○ The general wastewater generation pattern adopted in domestic premises is presented in Table-wastewater generation pattern; ○ Wastewater generated from toilets is considered as sewage (black water) and wastewater generated from bath/shower, laundry, hand basin and kitchen are considered as sullage (grey water) and the pattern of the same is depicted in Table-Sewage and sullage generation pattern; ○ The estimation of average daily sewage and sullage generation is detailed in Table - Sewage and sullage generation estimation; ○ Treated wastewater available @ 90% = 636 cum/day; ○ Non-potable water demand is 4517 cum/day; ○ Entire treated wastewater shall be utilized for non-potable usage; ○ Following design criteria is proposed for sewage collection system. <ul style="list-style-type: none"> • Demand computation based on the analysis; • Working hours per day – 24 hours; • Pipe material - NP2 RCC for all areas except road crossing and NP3 RCC for road crossing; • Pipe roughness co-efficient - 0.011; • Peak flow factor – 3; • Formula used to calculate friction loss - Manning’s; • Infiltration - 10%; • Self-cleansing velocity - 0.6 m/s; • Minimum cover - 1 m; and • Manhole spacing – 30 m up to pipe size 900 mm. ○ It is proposed to collect treated sewage & sullage through a single collection network which is planned based on the above design criteria. Sewerage network shall be established by the project implementation agency considering the topography of the site; ○ The network is divided into trunk main and sub-mains according to the natural topography and other site constraints. Minimum pipe size of 150 mm diameter is considered for sewerage network; and ○ Proposed pipe size of sewer network is provided in Table - Pipe size-sewer network.
<p>➤ Quality of sewage</p>	<ul style="list-style-type: none"> ○ In general, the quality of domestic sewage generation shall be as per Table - Sewage quality; and ○ The design and treatment scheme have been worked out based on this assumption of input quality. It is proposed to treat both sewage & sullage in a single treatment system.
<p>➤ Effluent quantity estimation</p>	<ul style="list-style-type: none"> ○ Total estimated effluent quantity= 5 MLD; ○ It is proposed to collect effluent through a collection network and shall be treated in respective zone specific CETPs. Effluent network and CETP

Components	Detailing of utilities, infrastructure within proposed EZ
	<p>shall be established by the project implementation agency considering the topography of the site;</p> <ul style="list-style-type: none"> ○ The proposed CETP's shall treat the effluent to non-potable standard and shall be reused to meet the non-potable requirement of EZ; ○ Treated effluent available @85% = 3914 cum/day; ○ Non-potable water demand is 4517 cum/day; and ○ Entire treated effluent shall be utilized for non-potable usage.
<p>➤ Solid waste management (SWM)</p>	<ul style="list-style-type: none"> ○ SWM is one of the most essential services for maintaining the quality of life in EZ and for ensuring better standards of health and sanitation. ○ If properly collected at source, SWM would reduce several downstream problems related to transportation and disposal of the same. Solid waste (SW) generated in EZ can be broadly categorized as under: <ul style="list-style-type: none"> • Industrial non-hazardous waste; • Industrial hazardous waste; • Domestic wastes: kitchen and wood waste, plastic, paper, floor sweepings, etc. • Road sweeping & sanitary waste: human waste, etc. • Garden & agriculture waste, leaves, branches, plants etc. • Roads/building construction waste: earth, asphalt, concrete, brick, plaster, wood, glass, stones etc. • E-waste: computer systems, peripheral equipment, mobile phone sets, TVs, audio sets etc., • Hospital and biomedical waste. ○ The role of integrated SWM is to reduce the quantity of SW disposed to land by recovering materials and energy from SW as depicted in Figure -Waste reduction by integrated SWM. ○ The generation rates of industries, logistics and commercial areas vary to such an extent that exact quantification of SW generation is not feasible. ○ However, an attempt has been made to quantify the municipal solid waste (MSW) that may be generated from various zones of EZ. <ul style="list-style-type: none"> • Industries – 200 gm / person / day; • Utilities – 100 gm /per person / day; • Road – 10.12 kg / hectare / day is considered for street sweeping; • Greenery – 30.36 kg / hectare / day is considered; and • Public and supporting amenities – 100 gm /per person/day. ○ Based on the above, MSW quantification has been carried out and depicted in Table - Estimation of Municipal solid waste generation; ○ Total estimated MSW quantity –4 TPD; ○ Source segregation should be made mandatory and due care has to be taken while planning the collection, transportation of waste within the site area. Users will be required to segregate their waste in the following categories and put in colour coded bins. <ul style="list-style-type: none"> • Industrial non-hazardous waste; • Industrial hazardous waste; • Bio-degradable waste; • Non-biodegradable waste; • E-waste like parts of computer, monitor, cartridges etc.; • Construction debris, street sweepings etc.;

Components	Detailing of utilities, infrastructure within proposed EZ
	<ul style="list-style-type: none"> • Hospital and bio-medical waste. ○ From the above only bio-degradable waste can be treated in the SW treatment facility within the EZ; ○ The rate of MSW generation in the initial stages will be less than the estimated quantity and hence during the initial stage, the MSW generation rate can be considered as 50% of the estimated quantity; and ○ The entire MSW is planned to be collected , segregated and bio-degradable waste shall be treated in the composting plant within EZ and the rejects shall be disposed to suitable landfill outside the EZ.
<p>➤ Power supply & distribution</p>	<ul style="list-style-type: none"> ○ The system parameters are as follows: <ul style="list-style-type: none"> • Transmission line – 132/33/11 kV; • Number of phases – 3; • System frequency - 50 Hz; • Consumer supply voltage 33 kV /11kV/415/240 volt. ○ As peak demand may vary for each facility in EZ, a diversity factor, which relates peak demand to rated load demand or calculated demand, is utilized in computation of maximum demand; ○ A simultaneity factor of 40% - 80% is normally considered; ○ Power losses generally occur in the distribution network depending upon the type of conductors and equipment installed. As this is a complete loss to the system, it is generally kept below 10% of the total load; ○ Estimated power demand is depicted in Table-Estimation of power demand; ○ Total estimated power demand is 47 mVA; ○ Distribution substation is proposed in a strategic location. Individual facilitation and all power reticulation are to be carried out at 33/11 kV; ○ The advantage with reticulation at 33/11 kV is that it is the standard voltage and therefore electrical reticulation equipment for 33/11 kV systems would be readily available including spares; ○ Distribution network is the main backbone of the reticulation system. It is most essential that the network must deliver uninterrupted power, in right quantity & quality to individual facilities continuously; ○ Power can be distributed by a network of overhead lines or underground cables and; ○ An overhead distribution system is adopted for much more flexible extension , for connection of new consumers and being less expensive than an underground cable system.
<p>➤ Street lighting</p>	<ul style="list-style-type: none"> ○ Street lighting has been conceived in 2 different forms. <ul style="list-style-type: none"> • Streetlights for the road network; and • Solar street lighting. ○ All the road and streets are provided with street lighting not only to assist pedestrians and traffic, but also to increase safety and security in the area. It is recommended that all lighting should be energy efficient LED streetlight mounted on power poles or on streetlight columns. For major roads, the average illumination should be about 20 lux.
<p>➤ Landscaping</p>	<ul style="list-style-type: none"> ○ This includes works associated with the landscaping within the EZ covering tree strips along the boundary, roads, public greenery etc.,

Source: MACE analysis

Industry best practices have been adopted in order to create an outline of the supporting infrastructure for the EZ site as mentioned in the table above. Presence of infrastructure components highlighted above would ensure smooth functioning of industrial activities and ease of logistics movement within the EZ site.

10.3. Infrastructure Requirements and Concept Drawings

10.3.1. Roads

Hierarchy of roads

Primary, secondary, collector and local roads are planned to give access to the industries within EZ. These roads are looped and planned with the aim of providing smooth and dispersed traffic flow to reduce traffic congestion within EZ.

The hierarchy of roads planned within EZ are provided below.

Table 81: Hierarchy of roads

Category	Road width (m)	Carriage way width (m)	Number of lanes	Length (m)	
				Processing area	Non- processing area
Primary road	30	7.5 + 7.5	4	655	-
Secondary road	25	7.5 + 7.5	4	5646	-
Collector road	20	3.75+3.75	2	4438	300
Total				10739	300

Source: MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

The composition of pavement structure is provided in the table below.

Table 82: Composition of flexible pavement structure

Layer	Composition details
Wearing course	Dense bituminous surfacing wearing course of 40 mm thick laid with mechanical spreaders
Binding coat	Tack coat of 0.30 kg/ sqm of 60/70 grade bitumen
Binder course	Dense bituminous surfacing base course of 110 mm thick laid with mechanical spreaders in 2 layers
Binding coat	Prime and tack coat of 1.2 kg / sqm & 0.30 kg/sqm of 60/70 grade bitumen
Base course	Aggregate base, type - I of 250 mm thick (minimum soaked CBR 80%) Aggregate base, type - II of 300 mm thick (minimum soaked CBR 50%)
Sub-base	Granular sub-base of 250 mm thick (minimum soaked CBR 25%)
Improved sub-grade	Improved sub-grade of 250 mm thick (minimum soaked CBR 5%)

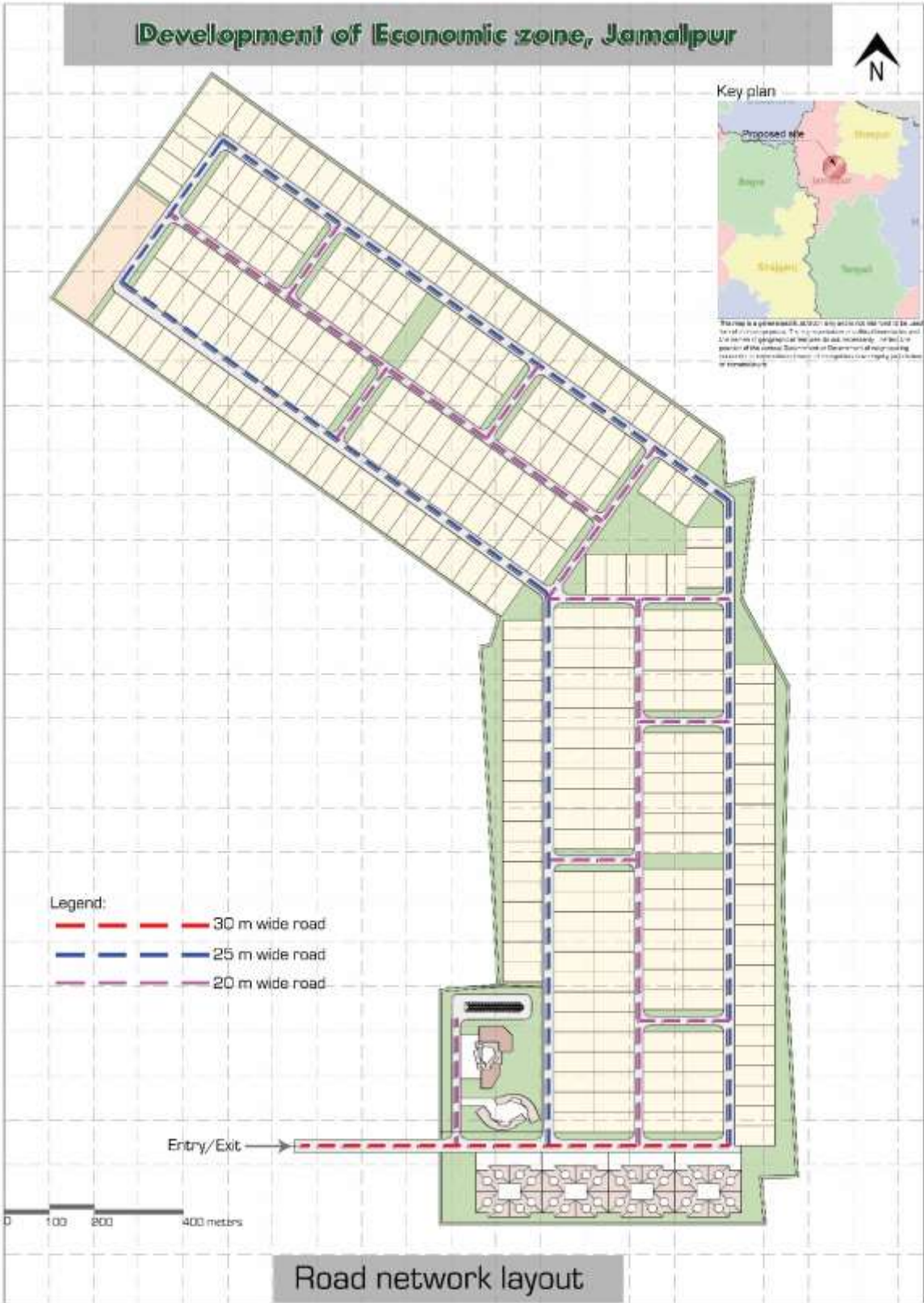
Source: MACE analysis

Adhering to the pavement structure outlined in the table above would ensure longevity of the road surface and minimize deterioration of road surface & need for frequent repair and maintenance works.

Road network drawing

The road network layout for the proposed EZ is shown below:

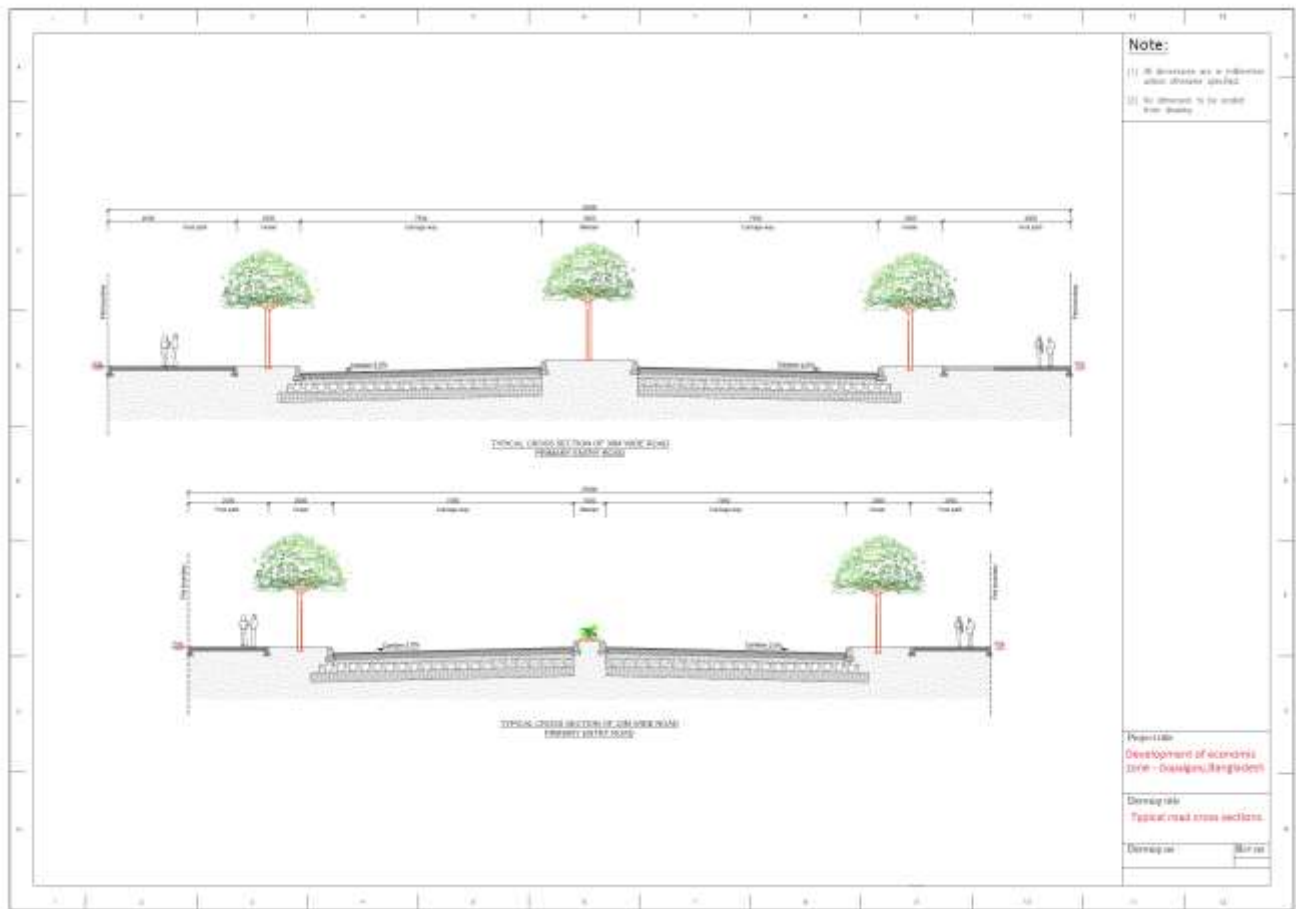
Figure 73: Road network diagram



Source: MACE analysis

The above figure outlines the top view of the road network diagram. As evident from the diagram above, road plan has been prepared to ensure last mile connectivity to all units inside the EZ site. Figure on next page outlines the cross-sectional view of the road structure.

Figure 74: Road cross section details



Source: MACE analysis

The typical cross-sectional view of the road structure is shown in the above figures. As elaborated in the figure, it is suggested to consider provision for riding surface, drainage and street lighting facilities.

10.3.2. Power

Design basis

- **Electrical system - EHV / HV supply**
 - Nominal voltage : 132/33 kV \pm 5%
 - Frequency : 50 Hz \pm 2.5 %
 - Number of phases : 3 phases, 3 W
 - Fault level : 26 kA
- **Distribution supply**
 - Nominal voltage : 33/11 kV / 415 V/230 V \pm 6%
 - Frequency : 50 Hz \pm 3%
 - Number of phases : 3 phases, 3/4 W

Power demand basis

The power estimation carried out on the next page is at ultimate level and based on published standards, guidelines and best industry standards. However, this is indicative in nature and may vary on the on-ground implementation of the project.

Table 83: Power demand estimation – basis

Land use pattern	Load in kVA/acre & kVA/sqm of BUA	Simultaneity factor
Processing zone		
Industries	185.00	80%
Utility	105.00	40%
Road	14.00	40%
Green & open space	5.00	40%
Non-processing zone		
Public and support amenity	0.14	70%
Road	14.00	40%

Source: Published standards, guidelines and best industry standards

Note - BUA refers to built-up area.

Power demand estimation

- The system parameters are as follows:
 - Consumer supply voltage - 33/11 kV/415/240 Volt;
 - Number of phases - 3;
 - System frequency - 50 Hz.
- As peak demand may vary for each facility in EZ, a simultaneity factor, which relates peak demand to rated load demand or calculated demand, is utilized in computation of maximum demand;
- A simultaneity factor ranging from 40-80% is considered based on the type of proposed components;
- Power losses generally occur in the distribution network depending upon the type of conductors and equipment installed. As this is a complete loss to the system, it is generally kept below 10% of the total load.

With the above consideration, estimated power demand is worked out and the summary of load estimation is presented in the table on next page.

Table 84: Summary of electrical load estimate

SI. No	Type of development	Load in kVA
1	Processing area	45032.00
2	Non-processing area	1661.00
	Total estimated load in kVA	46693.00
	Total estimated load in mVA	46.69
	Total estimated load in mVA	~ 47

Source: MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

The above table provides a summarized view of total electricity requirement of the EZ site. However, the total estimated load mentioned in the table above is indicative in nature and may vary based on on-ground implementation of the project. The land use wise estimated electrical demand for this facility is given in the table below.

Table 85: Power demand calculation

Land use pattern	Total area	Load in kVA/acre & kVA/sqm of BUA	Simultaneity factor	Loss factor	Load in kVA
	acres				
Processing area					
Industrial plots	268.56	185.00	80%	1.10	43722.00
Utility	18.32	105.00	40%	1.10	847.00
Road	60.27	14.00	40%	1.10	371.00
Green & buffer space	41.71	5.00	40%	1.10	92.00
Total processing zone	388.87				45032.00
Non-processing area					
Public & support amenity	12.31	0.14	70%	1.10	1652.00
Road	1.48	14.00	40%	1.10	9.00
Total Non-processing area	13.79				1661.00
Total	402.66			Load in kVA	46693.00
				Load in mVA	46.69
Total Load in mVA					~47

Source: MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

Power supply to EZ

Based on the assessment, it is found that the power demand for the proposed EZ would be about 47 mVA. This figure is indicative in nature and may vary based on on-ground implementation of the project. The developer may undertake a separate industry assessment and master planning exercise in order to validate this figure .

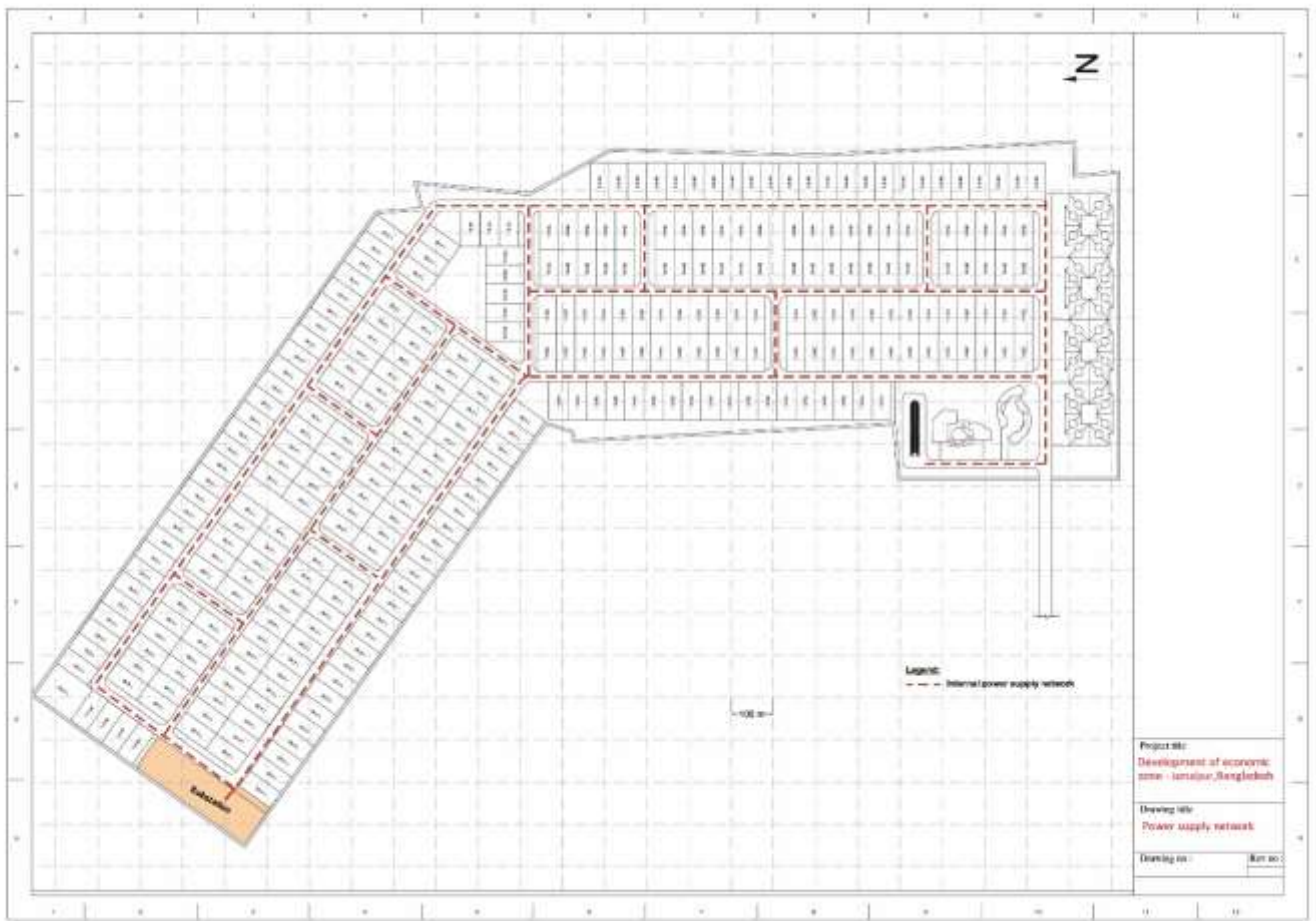
To cater this power demand, a main receiving 132/33/11 kV sub-station shall be established within the proposed site.

During the initial phase of development, the 33/11 kV main receiving sub-station (MRSS) shall be established within the site and as suggested by the officials, power to this sub-station shall be availed by establishing 33 kV overhead transmission line from the 132/33 kV Jamalpur grid sub-station of 232 mVA capacity located at an aerial distance of 2 km from the site (based on proposed tentative alignment). Based on the demand growth of EZ, the proposed 33/11 kV MRSS within EZ site shall be upgraded to 132/33 kV sub-station and incoming 132 kV overhead transmission line shall be established from 132/33 kV Jamalpur grid sub-station of 232 mVA capacity located at an aerial distance of 2 km from the site (based on proposed tentative alignment).

Power supply network planned within EZ

The receiving sub-station is located within EZ near the incoming line from which an internal distribution network is planned along the proposed road network of EZ to feed the individual plots as shown in the next page.

Figure 75: Internal power supply network of EZ



Source: MACE analysis

10.3.3. Water

Demand estimation basis

The water demand estimation carried out on the next page is at ultimate level and based on published standards, guidelines and best industry standards. However, this is indicative in nature and may vary on the on-ground implementation of the project.

Table 86: Water demand estimation norms

Description	Reference – published standards, guidelines and best industry norms
Processing area	
Industries	70 cum / ha / day - process water demand & 45 litres per capita per day for domestic
Utilities	45 litres per capita per day
Road	1.8 cum / ha / day
Green	1.8 cum / ha / day
Non- processing area	
Public and support amenity	45 litres per capita per day
Road	1.8 cum/ha/day

Source: MACE analysis, published standards, guidelines and best industry norms

Table 87: Water consumption pattern

For industrial facilities	
Potable water	66.67%
Non- potable water	33.33%

Source: MACE analysis

Water demand calculation

The summary of water demand for EZ is given below

Table 88: Summary of water demand

S.No.	Description	Processing area	Non- processing area	Total	Unit
1	Total average demand	9132	78	9210	cum/day
2	Total potable water demand	4638	55	4693	cum/day
3	Total non-potable water demand	4494	23	4517	cum/day
4	Fire demand	88	3	92	cum

Source: MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

Table 89: Estimation of average daily water demand

Land use pattern	Total area acres	Water demand					
		Process water	Domestic water	Loss @ 10 percentage	Total	Potable	Non-potable
In cum/day							
Processing area							
Industrial plots	268.56	7611	612	822	9045	4635	4410
Utility	18.32		5	0	5	3	2
Road	60.27		44	4	48		48
Green & buffer space	41.71		30	3	33		33
Total processing area	388.87	7611	690	830	9132	4638	4494
Non processing area							
Public & support amenity	12.31		70.00	7.00	77.00	55.00	22.00
Road	1.48		1.08	0.11	1.19		1.19
Total non-processing area	13.79		71.08	7.11	78.19	55.00	23.19
Total	402.66	7611.07	761.49	837.26	9209.83	4692.89	4516.93

Source: MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

Water supply to EZ

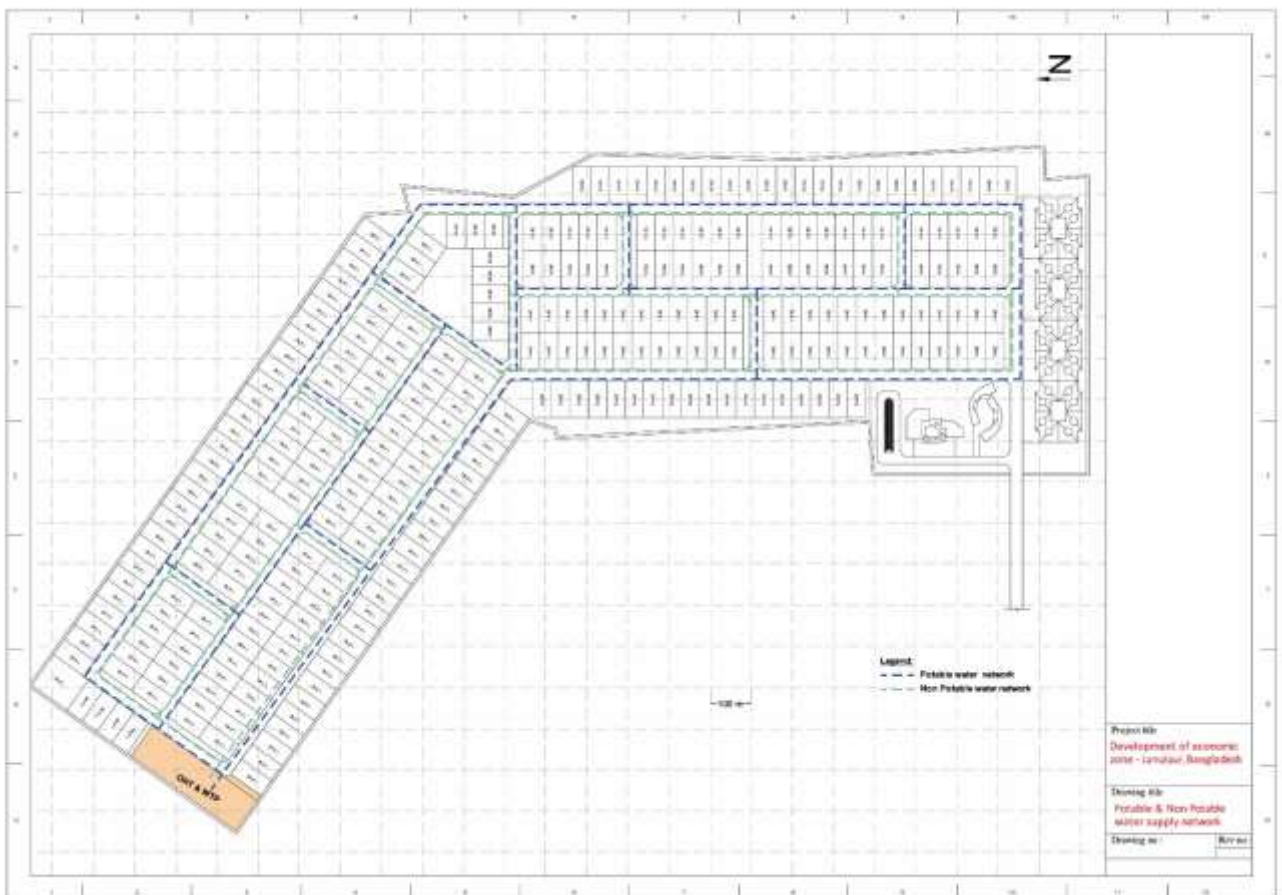
Based on the assessment, it is found that the total potable water demand for the proposed EZ would be about 5 MLD. This figure is indicative in nature and may vary based on on-ground implementation of the project. The developer may undertake a separate industry assessment and master planning exercise in order to validate this figure.

Based on the discussion had with officials and local, it is understood that the groundwater in the region is at a depth of 30-100 feet and is potable in nature. Hence, groundwater can be relied to meet the water demand of proposed EZ.

River Old Brahmaputra is flowing near the proposed site on the Southern side. Based on the discussion had with UNO officials, it is understood that this river is perennial in nature and shall be relied to meet the water demand of the proposed EZ. It is proposed to provide suitable water intake system near the river basin and detailed study & hydrogeological investigations need to be carried out to determine the exact intake point and intake system. Hence, it is suggested that suitable intake system and intake point shall be proposed during detailed engineering stage.

The potable water supply network is proposed along the proposed internal roads of EZ. The layout depicting proposed potable and non-potable water supply network is provided in next page.

Figure 76: Potable and Non Potable water supply network



Source: MACE analysis

Estimated water storage capacity

The estimated storage capacity calculated based on the arrived water demand is provided in the following table.

Table 90: Sump storage capacity

S. No.	Description	Processing area	Non- processing area	Unit
1	Potable water	4638	55	cum
2	Non- potable water including fire demand	4582	26	cum
	Total	9220	81	cum

Source: MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

Table 91: ELSR capacity

S. No.	Description	Processing area	Non- processing area	Unit
1	Potable water	386	5	cum
2	Non- potable water	374	2	cum
	Total	760	7	cum

Source: MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

Above tables lists out the water storage capacity required to be established at the EZ site on basis of calculation of the water requirements. As per the tables, total sump storage capacity that would be required is 9300 cum and total ELSR storage capacity requirement is 760 cum.

Required pipe size and pump capacity

The required pipe size and pump capacity is provided in the following tables.

Table 92: Pipe size -water supply network

Pipe size in mm	Processing area length in m		Non -processing area length in m	
	Potable water	Non-potable water	Potable water	Non-potable water
40			300	300
110	4296	10740		
140	1074			
160	1074			
200	1074			
250	1074			
300	1074			
350	537			
400	537			
Total	10740	10740	300	300

Source: MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

Table 93: Pump capacity

Description		Processing area	Non-processing area	Unit
Potable water	Capacity	0.11	0.001	cum/sec
	Number of pumps	2 W+1S	2 W+1S	
	Power requirement of each pump	26.00	0.30	Kw
Non- potable water	Capacity	0.10	0.00054	cum/sec
	Number of pumps	2 W+1S	2 W+1S	
	Power requirement of each pump	26.00	0.10	Kw

Source: MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

The requirement of pipe size and pump capacity has been calculated in the above tables on basis of the water demand, water storage capacity and the size of the EZ site.

10.3.4. Effluent Generation

The basis for calculating the effluent quantity is provided in the below tables.

Table 94: Effluent generation pattern

Description	Percentage
From process water (potable)	70%
From process support water (non-potable)	30%
Total	100%

Source: MACE analysis, published standards, guidelines and best industry norms

The effluent generation quantity from process water of industries has been estimated and shown in the next page

Table 95: Effluent generation estimation

Land use pattern	Total area	Effluent generation	Sewage generation		Sullage generation	Total effluent, sewage and sullage generation	Infiltration @10%	Total sewage quantity
	acres	in cum/day	In %	In cum/day	In cum/day			
Processing area		In Cum/day						
Industrial plots	268.56	4604.70	0.72	145.50	375.22	520.71	67.28	587.99
Utility	18.32		0.72	1.07	2.76	3.83	0.50	4.33
Road	60.27				43.48	43.48	4.83	48.32
Green space	41.71						3.34	3.34
Total processing zone	388.87	4604.70		146.57	421.46	568.03	75.95	643.97
Non-processing area								
Public & support amenity	12.31		0.32	6.28	48.00	54.28	7.70	61.98
Road	1.48				1.07	1.07	0.12	1.19
Total Non processing area	13.79			6.28	49.07	55.35	7.82	63.17
Total	402.66	4604.70		152.85	470.53	623.38	83.76	707.14

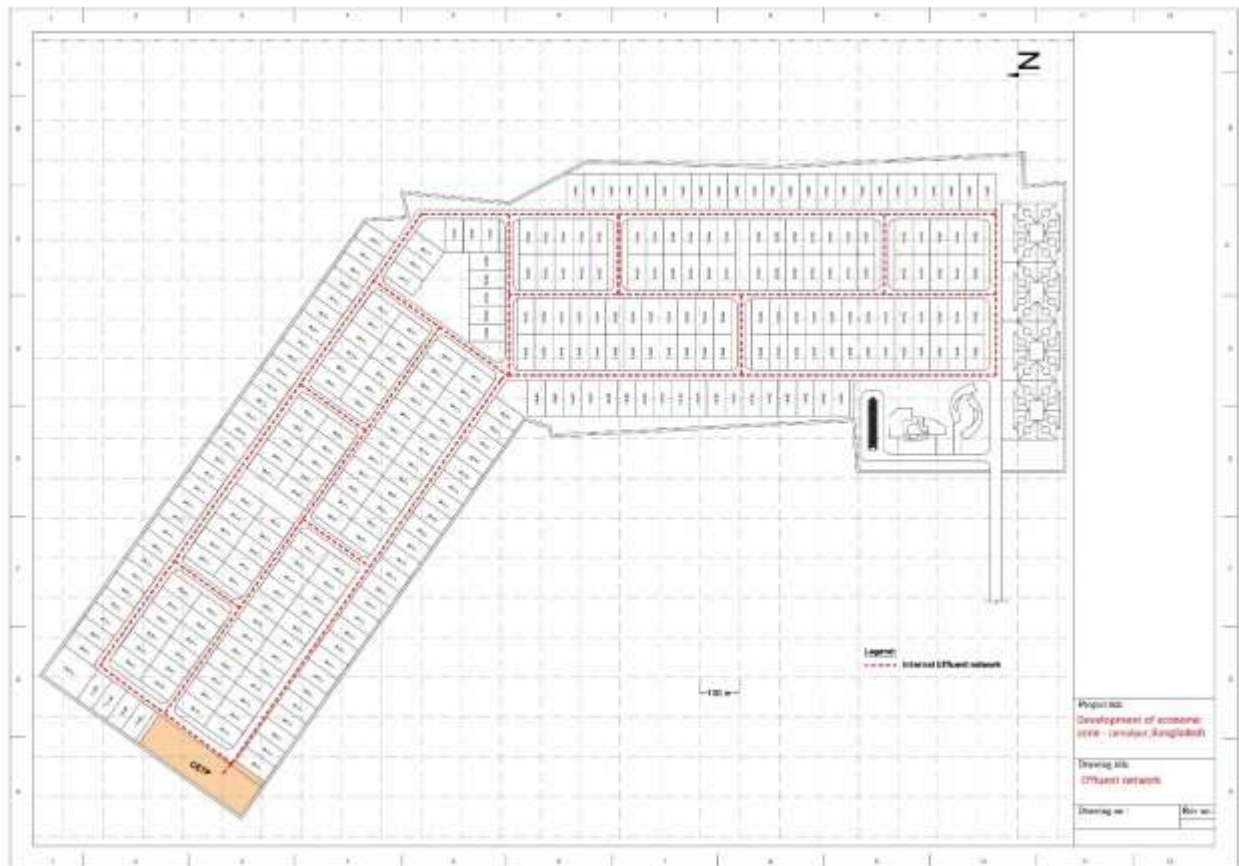
Source: MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

From the assessment, the estimated effluent generation quantity works out to 5 MLD and is planned to treat the effluent to non-potable quality standard and shall be used to meet the non-potable water demand of EZ. Effluent collection network is considered along the roads connecting industrial units. During on ground implementation of the project, based on type of occupant industrial units and their effluent characteristics, required number of CETPs and techniques shall be decided. However, it has to be ensured that all the CETPs shall treat the effluent to non-potable water quality standard.

Effluent network

The entire effluent network is planned along the proposed internal roads of EZ in the processing area. The layout depicting effluent network and location of CETP is provided below.

Figure 77: Effluent network



Source: MACE analysis

Table 96: Pipe size- effluent network

Pipe size in mm	Processing area length in m
150	4833
200	2685
300	1611
400	1074
500	537
Total	10740

Source: MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

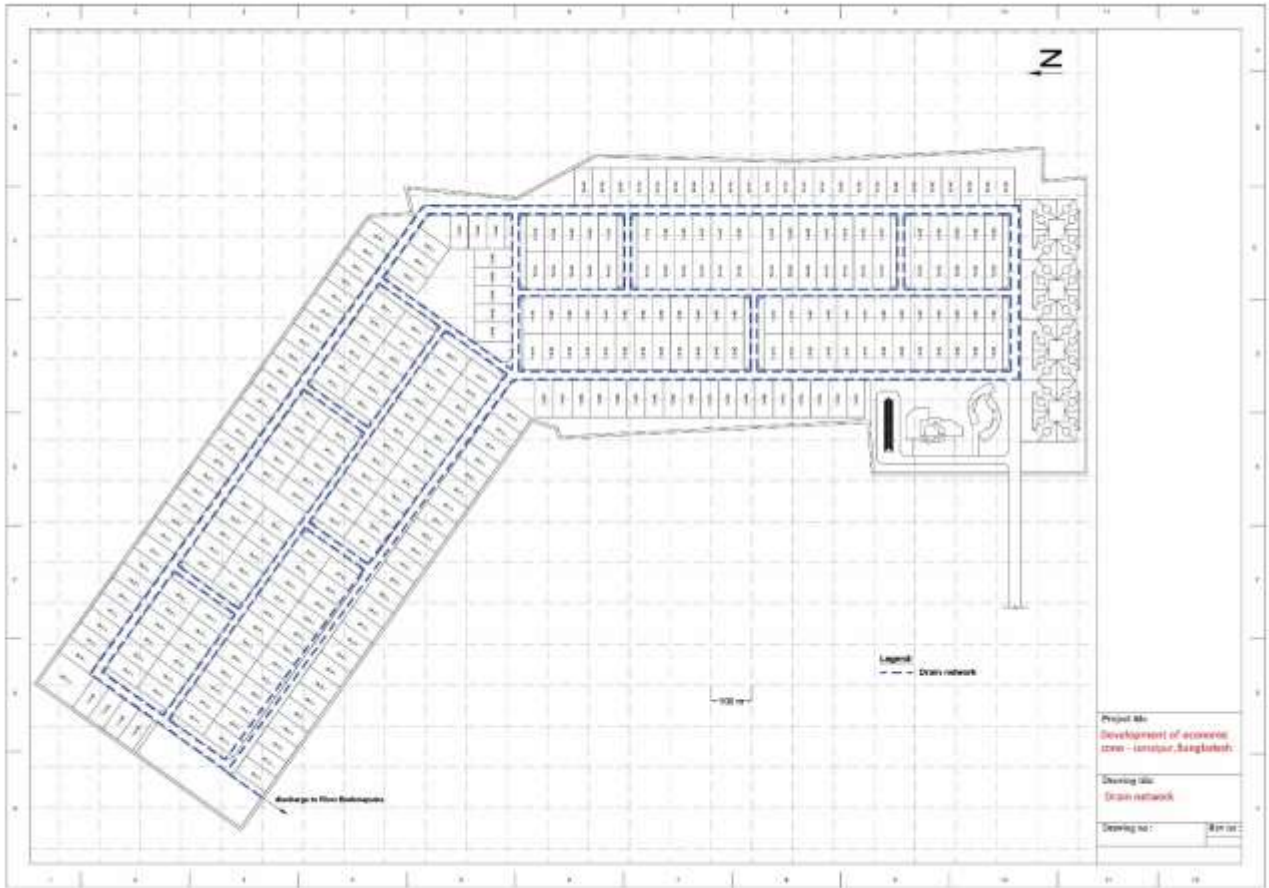
The above table mentions the length of pipe that would be required for collection of effluent from the EZ site.

10.3.5. Drainage

Based on the site gradient, the drainage pattern has been decided. It has been planned to discharge the flow of the internal drain into River Old Brahmaputra.

- The drainage system is planned to cater for the entire EZ through gravity flow;
- Drains are proposed to be provided on both sides of the roads;
- Open trapezoidal drain is considered for the surface run off collection due to easy maintenance for the primary road. Stone pitching is considered for the side walls and PCC for the base;
- Covered rectangular brick masonry drain is considered for the remaining areas for optimization of area under drainage;
- RCC box / pipe culverts of suitable sizes are considered for road crossings; and
- Rainwater harvesting structures are envisaged all along the drain at every 100 m interval.

Figure 78: Internal storm water drain network



Source: MACE analysis

10.3.6. Solid Waste

The estimated solid waste quantity is provided in the following table. The estimated solid waste quantity is about 4 TPD. It is suggested to adopt bio-methanation process for treating the bio-degradable waste generated within EZ. The other waste such as non-bio-degradable and industrial waste etc., shall be transported outside EZ to landfill for recycling/further treatment.

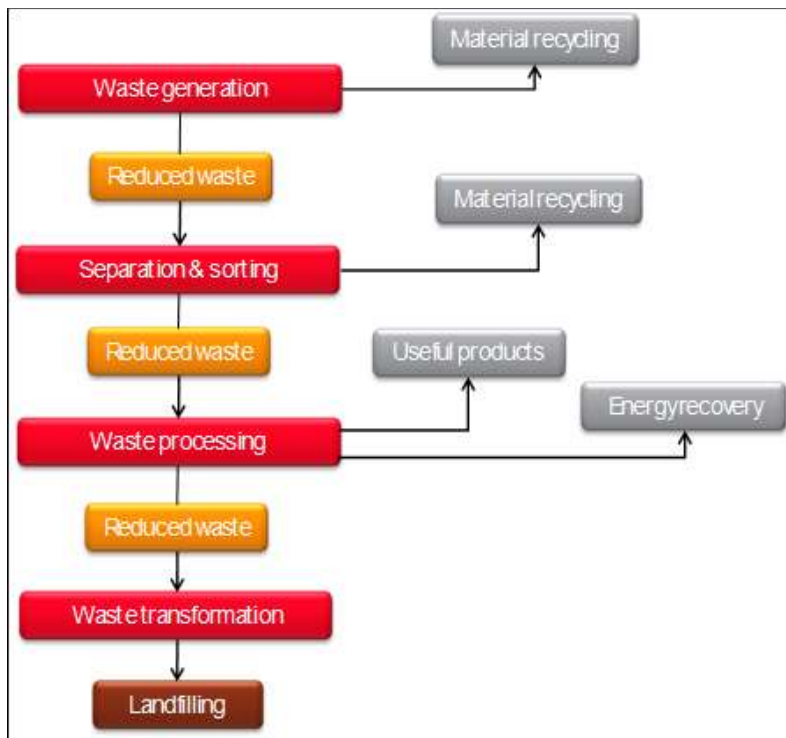
Table 97: Estimation of MSW generation

Land use pattern	acres	Population	Msw generation	Unit	Kg/day
Processing area					
Industrial plots	268.56	13591	200	gm/capita/day	2718.20
Utility	18.32	100	100	gm/capita/day	10.00
Road	60.27		10.12	kg/ha/day	246.95
Green & open space	41.71		30.36	kg/ha/day	512.67
Total processing zone	388.87	13691			3487.82
Public & support amenity	12.31	1000	100	gm/capita/day	100.00
Road	1.48	0	10.12	kg/ha/day	6.07
Total Non-processing area	13.79	1000			106.07
Total	402.66	14691			3593.89
Total solid waste generation in TPD					~4

Source: MACE analysis (total figures might have minor aberrations due to rounding off decimals)

Flow diagram depicting the waste reduction technique suggested for proposed EZ through integrated SWM is provided in below figure.

Figure 79: Waste reduction by integrated SWM



Source: MACE analysis

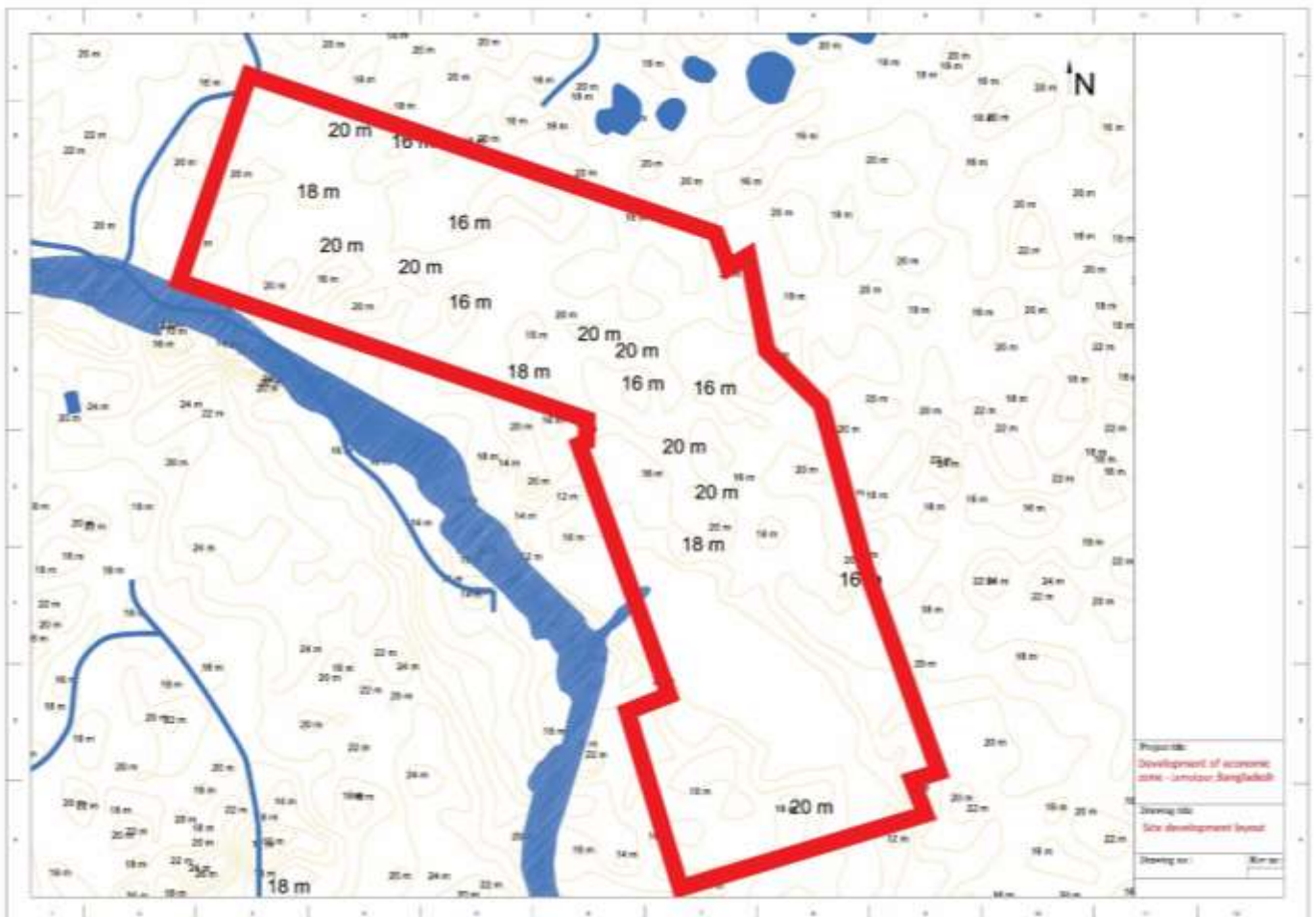
Site development for EZ

From the site visit, it is observed that the site is on an average level of 8 to 10 feet below adjacent approach road. Also, there are low lying areas within the site. This necessitates to develop embankment with suitable level of site filling within EZ site for which contour study has been carried out.

The understanding about the historical flood level (HFL) variation and river morphology data supports to decide the alignment and top level of the proposed embankment and the depth of site filling. The **Annexure 38** shows the HFL data recorded in proposed EZ region and **Annexure 39** shows the river morphology data recorded in Old Brahmaputra river.

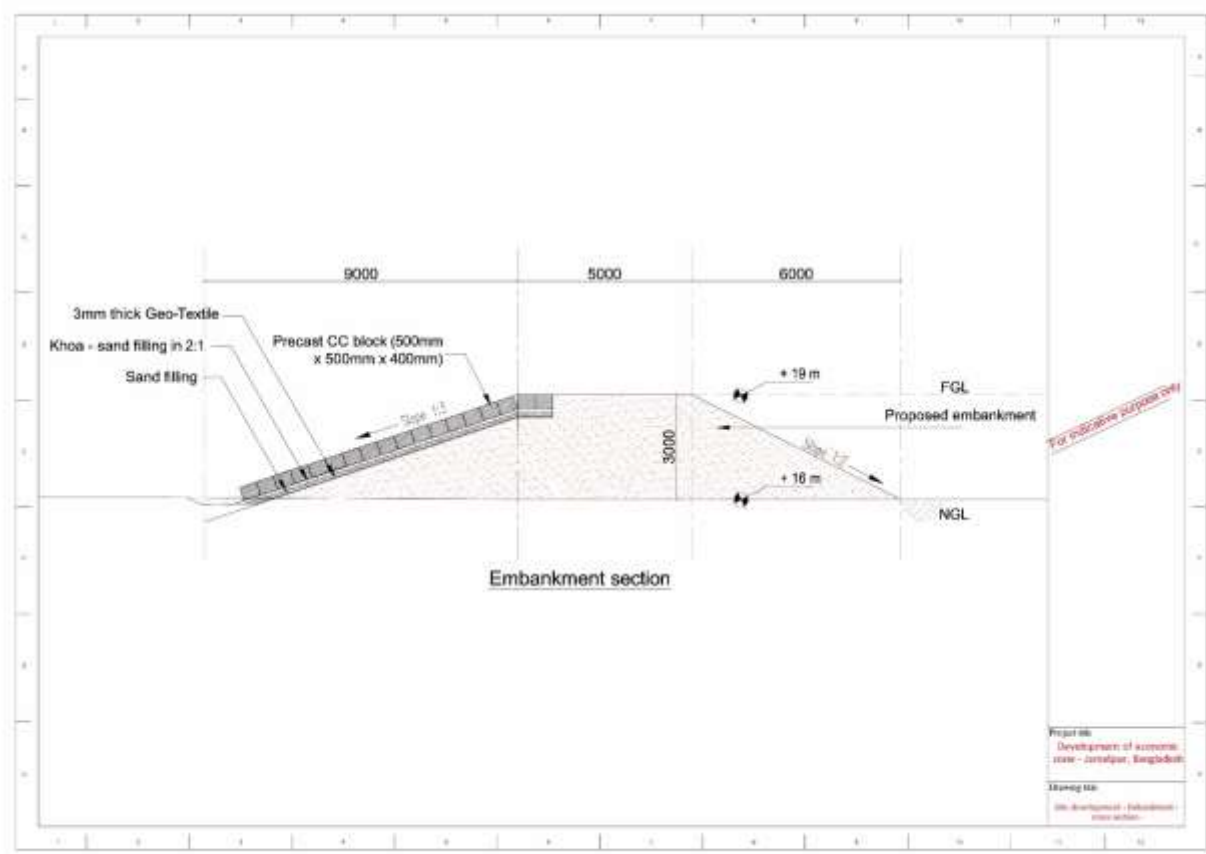
To avoid the water inundation, it is required to develop embankment for the length of 9 km along the site with necessary slope protection works. This necessitates suitable level of site filling within EZ site for which contour study has been carried out. Based on the study of contour, it is found that the site needs to be filled for a depth of about 3 m on an average and the total estimated site filling quantity is about 488 8521 cum. Dredged sand from River Old Brahmaputra is suggested as a source for site filling. However, detailed hydrostatic study has to be carried out for identifying the suitable point of dredging and necessary permission has to be obtained from Bangladesh Inland Water Transport Authority (BIWTA) authorities for dredging of sand from the river for site filling.

Figure 80: Site development layout



Source: MACE analysis

Figure 81: Embankment cross section

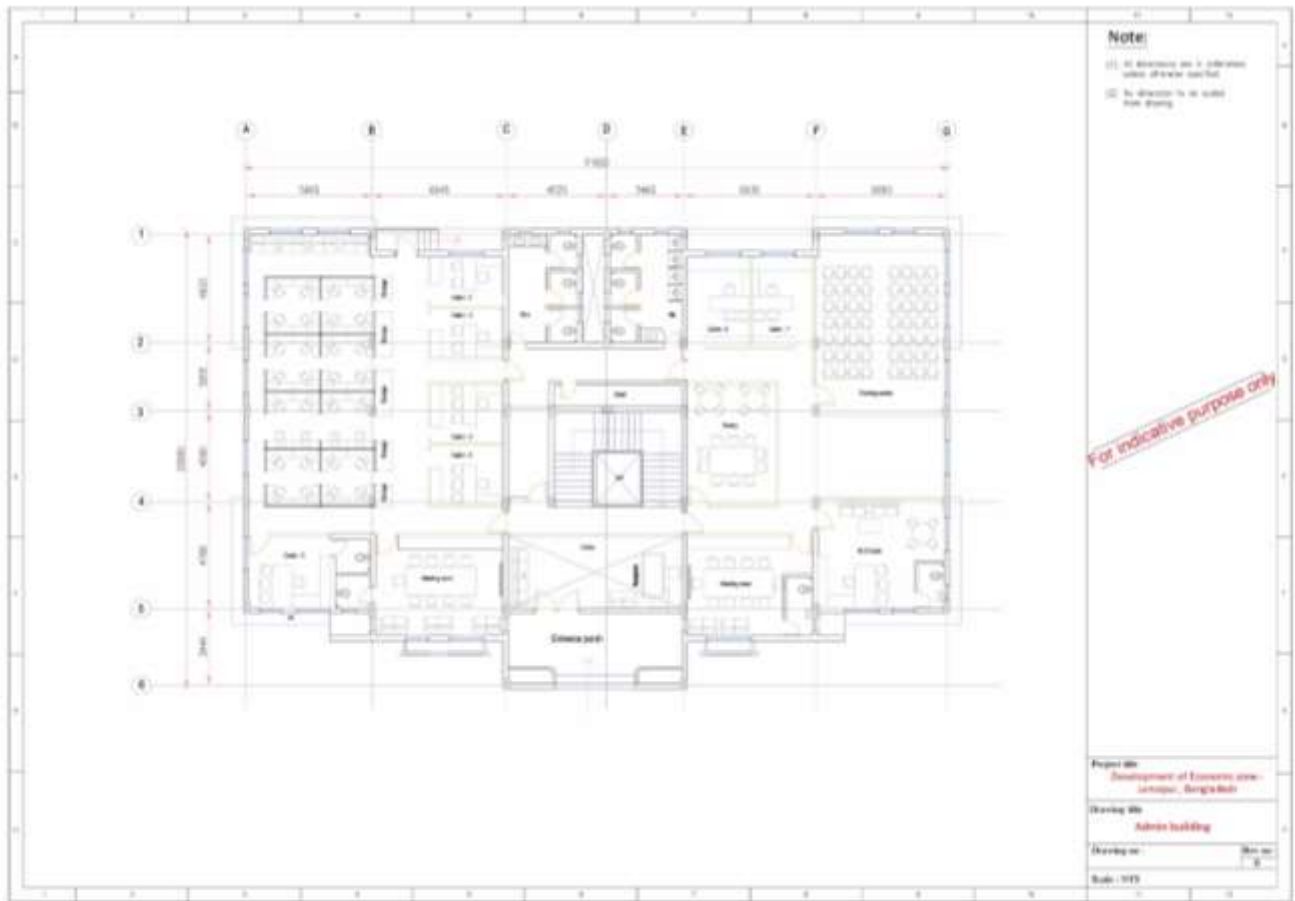


Source: MACE analysis

Administration building

It is proposed to construct an administrative building consisting of 1500 sqm of built-up area, G+2 structures within EZ. The administration building layout is depicted in figure on next page.

Figure 82: Administration building layout



Source: MACE analysis

10.4. Infrastructure Cost Estimates

A component wise breakdown of the cost of developing on-site infrastructure as mentioned in this report has been elaborated in the following table.

Table 98: On-site infrastructure cost estimates

Description of item	Quantity	Unit	Price without tax (In million Taka)	Phase I Cost Breakdown	Phase II Cost Breakdown
Site development					
Site filling	4888521	Cum	2194.95	2194.95	
Embankment	9.00	KM	1650.38	1650.38	
Total			3845.33	3845.33	
Road network					
Internal road network	11.0	KM	1844.62	922.31	922.31
Footpath	11.0	KM	254.58	127.29	127.29
Storm water drain	11.0	KM	88.00	44.00	44.00
Power supply					
Internal 11 kV power distribution line (OHT)	12.3	KM	17.22	8.61	8.61
Internal 33 kV power distribution line (OHT)	3.0	KM	11.84	5.92	5.92
Generator - 2MVA capacity	2	Nos	90.00	45.00	45.00
Street light	11.0	KM	38.91	19.45	19.45
Security light	9.0	KM	26.28	26.28	
Internal 33/11 kV sub-station	1	Nos	150.00	150.00	
Internal 132/33 kV sub-station	1	Nos	500.00		500.00
Total			834.25	255.26	578.98
Water supply					
Water supply network	11.0	KM	51.64	25.82	25.82
Sump & overhead tank	10.07	MLD	220.60	110.30	110.30
Water distribution pumps	12.00	Nos	2.84	1.42	1.42
Pump room	256.00	Sqm	18.00	18.00	
Water treatment plant(WTP)	5	MLD	95.65	47.83	47.83

Description of item	Quantity	Unit	Price without tax (In million Taka)	Phase I Cost Breakdown	Phase II Cost Breakdown
Fire hydrant	74	Nos	5.47	2.73	2.73
Total			394.20	206.10	188.10
Effluent and solid waste collection/treatment					
Effluent network	10.7	KM	24.76	12.38	12.38
Effluent treatment plant (CETP)	5.40	MLD	810.00	405.00	405.00
Solid waste management	4	TPD	49.79	24.89	24.89
Total			884.55	442.28	442.28
Telecom					
	11.0	KM	113.40	56.70	56.70
Sustainable infrastructure elements					
landscaping & Greenery along road	125952	Sqm	14.07	7.03	7.03
Total			14.07	7.03	7.03
Support amenities					
Administration building	1500.00	Sqm	219.14	219.14	
Fire station	2000.00	Sqm	611.60	611.60	
Total			830.74	830.74	-
Project sub-total			9,103.72	6,737.03	2,366.69

Source: Source: SoR of PWDB, REB, BWDB, PCGB & MACE analysis (total figures might have minor aberrations due to rounding off the decimals)

Apart from the costs considered above, calculation of total project cost also takes into consideration the construction costs of Standard Factory Buildings (SFB) and implementing environmental management plan. The costs for these components are listed below –

- Per sq. ft cost of constructing SFB has been taken to be 1,712 BDT/sq. ft. over an area of 20 acres having 60% coverage. The cost of constructing SFBs is ~895 million BDT; and
- The cost of implementing environmental management plan during construction phase is taken to be 52.56 million BDT. This cost covers expenses of environmental and social experts that developer would have to hire and social and environmental audit and studies that would have to be taken in order to prevent damages to local fauna, flora and residents during the construction period.

In view of considering these additional expenses, total cost of developing the EZ site would be **~10,549 BDT million (without SFB)**.

10.5. Key Takeaways

On-site infrastructure captures the internal infrastructure facilities which need to be developed within the project site. Development of on-site infrastructure is responsibility of the developer. The major on-site infrastructure considered for the proposed EZ are internal road network, power sub-station, wastewater treatment plant and other internal infrastructure facilities.

Key recommendations formulated from this exercise are outlined below -

- In accordance to the prevailing development guidelines of BEZA, a well-defined hierarchy of roads planned within the proposed EZ (such as primary road of 30 m width, secondary road of 25 m width and collector road of 20 m width);
- It is planned to collect the incoming water from the source through proposed storage structures such as sump and ELSR from which the water shall be distributed along proposed internal road network connecting each plot of EZ;
- Potable and non-potable water distribution pipeline along the roadside for plot connection has been considered individually;
- CETP has been proposed to treat the wastewater and effluent generated from EZ. The entire effluent network is planned along the proposed internal roads of EZ. It is proposed to use the treated water for non-potable purpose such as flushing, watering to green areas etc. as well as for industrial usage such as cooling, cleaning etc.; and

Block cost estimated based on the above outlined infrastructure components have been considered in the financial model.

11. Social Review

11.1. Purpose and Objective

As per the Resettlement and Social Management Framework (RSMF), which has been adopted in order to comply with the social safeguards requirements of the World Bank's operational policy on Involuntary Resettlement (OP 4.12), the proposed project is required to conduct a Social Impact Assessment Study of the impact area. The policy requires that all unavoidable adverse impacts be mitigated with appropriate measures to enhance, or at least to preserve, the current living standards of those who would be affected by any subproject under PSDSP.

In the process of social review, an overall understanding of the social conditions of the project area were assessed which included: examination of the number of PAPs, type of vegetation, presence of agricultural fields, type of crops and cropping patterns, extent of compensation for land acquisition, livelihood restoration, identification of Common Property Resources (CPR) falling within the proposed site and impact on structures due to the land acquisition.

11.2. Methodology of Social Review

Social review has been undertaken to ensure that potential social impacts/concerns are recognized at an early stage of project preparation, so that these concerns can be effectively addressed during subsequent stages.

The study for this project incorporates both secondary and primary information gathered through individual consultations, stakeholder interaction, and interactions with people within the project influence area. The broad methodology followed by the team and the objective for undertaking the social impact assessment, are detailed below:

- To gather necessary information on existing socio-economic and cultural conditions in the project area for establishing the baseline;
- Determine magnitude of (a) potential social impacts, positive as well as negative and (b) identify sensitive socio-economic cultural issues and vulnerable social groups.
- Identify key stakeholders and establish an appropriate framework for their participation in the project selection, design and implementation;
- Ensure that project objectives and incentives for change are acceptable to the range of people intended to benefit;
- Identification of areas which might require further social analysis.

The choice of methodology, sub-tasks/activities and their sequencing has been determined by these specified objectives and is guided by the World Bank safeguard policy guidelines.

11.3. Socio-Economic Environment

The proposed EZ is located at 24°55'11.39"N 89°59'0.11"E in Jamalpur Sadar Upazila and Sherpur Sadar Upazila in the Jamalpur and Sherpur districts in Mymensingh Division. It covers 402.66 acres and is surrounded by Meghalaya in the North, Mymensingh in the East, Jamalpur in the West, and Tangail in the South. Site boundaries comprise of Agricultural land, Brahmaputra river and settlements on the south and on the east, Brahmaputra river and Regional Highway (R460-Jamalpur Sherpur highway) on the west, and Agricultural lands and settlements on the north.

The key parameters that are required to establish a baseline socio-economic profile of population within the project's area of influence include gender, ethnicity, social structure, employment patterns, sources of income, local tenure and property rights arrangements, common property resources (CPR) use of community and natural resources. These have been provided at the Upazila level.

11.3.1. Demographic and Housing

Jamalpur Sadar Upazila is 1 of 7 upazilas in its district and is the largest Upazila in its district both in terms of population and area. Sherpur Sadar Upazila 1 of Upazilas in its district and is also is the largest Upazila in its district both in terms of population and area. They are spread over 508.80 and 372.89 sq. km respectively. As per Housing and Population Census 2011, Jamalpur district has a population of 22,92,674 and Jamalpur Sadar Upazila has a population of 6,15,072, while Sherpur district has a population of 13,58,325 and Sherpur Sadar Upazila of 4,97,179.

Both Upazilas are largely rural, with less than majority of the population literate and an average household size of approximately 4. Literacy rates for Jamalpur Sadar are higher (47% total) than that of Sherpur Sadar (36.7%) and male literacy is roughly 5% higher in both Upazilas. The sex ratio differs and is 96 and 101 respectively. Both Upazilas are predominantly Muslim. The demographic details of the both Upazilas is given in the table below.

High poverty and low-income levels are indicated by the housing structure: approximately 83.2% of houses are kutcha houses or jhupris and only 53.8% of houses have sanitary toilet facilities with water seals in Jamalpur Sadar while approximately 87.1% of houses are kutcha houses or jhupris and only 41.7 % of houses have sanitary toilet facilities with water seals in Sherpur Sadar.

Table 99: Demographic Details

Demographic Components		Jamalpur Sadar	Sherpur Sadar
Area (sq. km)		508.8	372.89
Total Households		152,174.00	122,280.00
Total Population		615,072.00	497,179.00
Avg Size of Household		4.01	4.05
Population Density (per sq. km)		1209	1333
Male Population		3,01,912	2,50,376
Female population		3,13,160	2,46,803
Sex ratio		96	101
Literacy Rate (Both Sex)		47	36.7
Literacy Rate (Male)		49.6	39.2
Literacy Rate (Female)		44.5	34.3
Marital Rate - Male (%)		66.1	64.4
Marital Rate - Female (%)		68.1	68.9
Religious Distribution	Muslim	98.1	97.2
	Hindu	1.8	2.6
	Christian	0.0	0.0
	Buddhist	0.0	0.1
	Others	0.0	0.0
Ethnic Households		143	241
Ethnic Households (%)		0.09	0.16
Urbanization (%)		24.42	19.71

Source: Population and housing census 2011, Community Report

11.3.2. Details of project affected people within the Direct Impact Zone (DIZ)

Description of the type of structures getting affected due to the proposed project:

Table 100: Details of Loss of Structure

S. No.	Type of structures	Number of structures	Remarks
1	Residential Households	143	These are all situated within the proposed boundary of the economic zone and belong to titleholder and non-titleholders (squatters). The list is annexed (Annexure 21) to the report.
2	Social Infrastructure	2	There are 2 mosques situated within the site boundary.

- There are approximately 143 households who will be directly affected due to the proposed project. These households include titleholders and non-titleholders (squatters) who have been residing on the parcel of land for period ranging from 5-20 years.
- The proposed project will therefore see involuntary resettlement of these 143 (approx.) households along with loss of income that they derive from cultivating the land in the EZ boundary. The list of residents (squatters)/PAFs is annexed (Annexure 21) to the report.
- Apart from residential households, the proposed EZ site also consists of certain 2 mosque.
- There are no commercial structures within the site boundary.

11.3.3. Social Infrastructure

An important predecessor for establishing of industries in a region is the type of social infrastructure that is present in the region. Quality of educational institutes determine the availability of skilled local manpower; quality of residential and medical facilities determine whether skilled manpower can be brought in from outside to work at a particular place or not. With the growth in economy, quality of lifestyle has become an important determining factor which can influence investment decisions for a particular place. The following social infrastructure is present at the Upazila level.

Table 101: Social Infrastructure

Social Infrastructure at Upazila level	Jamalpur Sadar	Sherpur Sadar
Educational Infrastructure		
Government primary school (class I-V)	166	119
Registered primary school (class I-V)	60	68
Kindergarten school (pre schooling)	26	71
NGO school	53	122
Government secondary school	3	2
Non-government secondary school	101	54
School & college (operating jointly)	2	-
Government college	2	2
Nongovernment college	11	7
Madrasah	11	27

Technical and vocational institution	4	2
Number of university (public or private)	1	-
Health Infrastructure		
Upazila Government health complex	1	1
Private hospital/clinic	20	8
Diagnostic centre	51	19
Religious Infrastructure		
Mosques	985	807
Eid-Gah	144	31
Temples	42	26
Churches	7	6

Source: District Statistics 2011

Source of drinking water:

Jamalpur Sadar: 96.1 % general household get the facility of drinking water from tube-well, 1.0% from tap and the remaining 2.9% from other sources.

Sherpur Sadar Upazila: 95.9% general household get the facility of drinking water from tube-well, 1.1% from tap and the remaining 3.0% from other sources.

Electrification:

Jamalpur Sadar: All the 15 unions have brought under the Rural Electrification Program. However, a total of 50.0% general household have electricity connection in the entire upazila in 2011 as against 28.7% in 2001.

Sherpur Sadar Upazila: All the 14 unions have brought under the Rural Electrification Program. However, a total of 46.3% general household have electricity connection in the entire upazila in 2011 as against 18.8% in 2001.

11.3.4. Livelihood and Economy

As per the district statistics 2011, both Jamalpur District and Sherpur District are predominately agricultural with approximately 60% of the holdings in each district being farms. In Jamalpur the main crops cultivated include HYV rice, wheat, vegetables, spices, cash crops, pulses, oilseeds, maize, etc. and the main fruits grown include fruits like banana, jackfruits, guava, coconut, etc. Similarly, in Sherpur the main crops cultivated are HYV rice, wheat, jute, mustard, potato, pulses, different kinds of vegetables, tobacco, etc. while the main fruits grown are fruits like banana, mango, black berry, coconut, betel nut, date, jackfruit, palm, jambura, bel, papaya, boroi, kamranga, ataphal etc.

Apart from crops, livestock, forestry and fishery are the main sources of household income in Jamalpur and livestock and fishery are the main source of household income in Sherpur. In both districts, fish are caught from rivers, tributary channels and creeks. In Jamalpur this includes paddy fields. Popular fish varieties in Jamalpur include ruhi, katla, mrigel, kalibous, airh, ghania, shoel, boal, gulsha, koy, shing, magur, etc. while Sherpur has popular fresh water fish like ruhi, catla, mrigel, kalbaus, chital, boal, airh, pangas, gazar, shoul, pabda, koi, shing, phali, bele, tengra etc., as well as recently introduced exotic fish such as tilapia, nilotica, silver carp, grass carp etc.

In Jamalpur, non-farm holdings largely depend on non-agricultural activities and the establishments are engaged in Wholesale and retail trade, Manufacturing, Community, social and personal services, Education, and Transport, storage and communication (in order of persons engaged). Similarly, non-farm activities in Sherpur include Wholesale & retail trade, Manufacturing, Community, social and personal services, Education, and Hotels and restaurants.

As indicated by Agriculture Department, about half of the proposed area is used for agricultural activity (mostly single crop and double crop). Rest of the area consists of Char Land. PAFs are largely engaged in agriculture and petty business.

11.3.5. Land ownership details of the proposed EZ site

For the development of this Economic Zone, BEZA requires around 402.66 acres of land. The proposed land parcel is spread across 4 Mouzas i.e. Jotherthopur, Mothurabari, Dakkhin Kuturia under Jamalpur Sadar Upazial and Char Pakkhimari under Sherpur Sadar Upazila. These lands constitute of khas/government land and private land.

Under Char Pakkhimari mouza at Sherpur sadar Upazila, the 140 acres of land already transferred in name of BEZA is not continuous. There are pockets of private land in between that land parcel. The majority of the 140-acre land parcel transferred to BEZA are in the southern portion of the EZ adjacent to old Brahmaputra River. Based on consultation with local land office and general public, if the 140-acre land parcel is to be made continuous and connected to Jamalpur EZ, estimated 25.75 acres of private land is to be acquired. There are 61 homestead structures in the proposed land for Sherpur EZ. Among them 47 homestead structures are on private land and the rest are squatters in government land.

In Jamalpur EZ, 197.72 acres of land is already transferred to BEZA. Local AC land office has proposed the acquisition of another 64.94 acres of private land. The 64.94 acres of private land parcel is located adjacent to the south eastern boundary and north western boundary of the proposed EZ. This 64.94 acres of land is spread across three mouzas viz. a) Jothartopur – 64.44 acres (located in the south eastern and north western boundary of the EZ), b) Mathurabari – 0.21 acre land (Southern side of the Brahmaputra river), c) Dakkhin Kuturia 0.29 acres – (Southern side of the Brahmaputra River). Based on the field visit, 82 affected homestead structures were identified. Among them, estimated 40 homesteads are on private land in Jothartopur Mauza.

Some part of the proposed land is also used for agricultural purposes by the not only the people residing within the EZ boundary but also by households settled outside/adjacent to the boundary (~220 PAFs).

As per the AC Land office at Jamalpur Sadar and Sherpur Sadar in Jamalpur and Sherpur district, the land use category and the area of land to be acquired for the proposed economic zone is indicated below:

Table 102: Details of the land parcel for the proposed EZ

SL No	Name of Mouza	Total land (Acre)	Ownership Pattern (Acre)		Type of Land categories (acre)					
			Govt./Khas Land	Private land	Kanda	Nama	Viti	Kashiyar	Bamboo Bushes	River
1	Jotherthopur	262.16	197.72	64.44	132	130.16	0	0	0	0
2	Mothurabari	0.21	0	0.21	0	0	0.21	0	0	0
3	Dakkhin Kuturia	0.29	0	0.29	0.06	0	0	0	0.23	0
4	Char Pakkhimari	140	114.25	25.75	65.75	48.95	0	12.85	0	12.45
5		402.66	311.97	90.69	197.81	179.11	0.21	12.85	0.23	12.45

Source: AC Land Office, Jamalpur sadar & Sherpur Sadar

Cost of the different land categories:

Table 103: Cost of the different land categories

SL No	Name of Mouza	Average Mouza rate including 200% premium/CUL (Million BDT)

		Total land (Acre)	Kanda	Nama	Viti	Kashiyan	Bamboo Bushes	River	Total Land price (million/BDT)
1	Jotherthopur	262.16	528.1	503.3	0.0	0.0	0.0	0.0	1738.5
2	Mothurabari	0.21	0.0	0.0	2.9	0.0	0.0	0.0	
3	Dakkhin Kuturia	0.29	0.2	0.0	0.0	0.0	1.8	0.0	
4	Char Pakkhimari	140	329.8	245.5	0.0	64.5	0.0	62.5	
Total		402.66	858.2	748.8	2.9	64.5	1.8	62.5	

Source: AC Land Office, Jamalpur Sadar & Sherpur Sadar

Mouza wise decimal land price

Table 104: Decimal land price - Mouza wise

SL No	Name of Mouza	Total land (Acre)	Mouza wise pricet of different categories of land per decimal (BDT)					
			Kanda	Nama	Viti	Kashiyan	Bamboo Bushes	River
1	Jotherthopur	262.16	13336	12888	0	0	0	0
2	Mothurabari	0.21	0		45750	0	0	0
3	Dakkhin Kuturia	0.29	13336	0	0	0	25600	0
4	Char Pakkhimari	140	16721	16721	0	16721	0	16721
Total		402.66						

Source: Sub- registry office Jamalpur Sadar and Sherpur Sadar (Considered *only affected Mouza name and decimal land price*)

In accordance to the current legislations governing land acquisition of Bangladesh is the Acquisition and Requisition of Immovable Property Act 2017 (hereinafter, “the Act”) which replaces the old 1982 Ordinance on Acquisition and Requisition of Immovable Property and BEZA’s RSMF, cost of land was taken as 3 times the cost obtained from AC land office for all categories.

Generally, two steps are followed to determine replacement value for the land acquired. The first one is the ‘Conventional’ rule set by the law often called DC payments or Cash compensation under law (CUL). Second, the project has provision for ‘top up’ payments to match replacement value for land acquired in the case of difference between DC valuation and current market price (CMP).

The proposed site boundary superimposed on Mouza Map and affected details of Plots are furnished in **Annexure 19 and 21** respectively to this report.

11.4. Requirements for SIA and RAP

11.4.1. Social Impact Assessment Requirement

The ideal situation for any project would be that it does not have any adverse impact on the population around. In practical, that is not always possible. The proposed EZ at Jamalpur Sadar upazila and Sherpur Sadar upazila in Jamalpur and Sherpur district in will require about 402.66 acres of khas/government land and private lands. Based on site visits and stakeholder consultations with the land office as well as the residing communities, it can be surmised that the parcel of land comprises of approximately above 143 residential households who have been residents of the area for period ranging between 5-20 years. These households are Titleholders and non-titleholders who have settled here over a period of time (87 of the 143 homesteads belong to titleholders). These households are also dependent upon the parcel of land for their economic means, mainly in the form of

agricultural farming. The residential households (Title/non-titleholders) will face involuntary displacement both physical and economical. The cost estimated for compensation of potentially affected structure are furnished in table below-

Table 105: Estimated cost for Compensation for Potentially Affected Structure

Type of Structure	No. of structure	Average Size (sq.ft)	Compensation Component	Per Unit Compensation	Compensation (BDT)	Notes and Assumption
Residential Households (Non-shift able)	143	1000	Replacement Cost	1,400,000.00	200,200,000.00	As per latest PWD rates, tinshed structure cost is BDT700, as per national law replacement cost becomes BDT1400. Average per unit replacement cost assuming 1000 sq.ft structures is BDT1,400,000.
			Transfer Grants	6,000.00	858,000.00	As per BEZA RSMP, maximum transfer grants for non-shift able structures is BDT 6000 for each structure Note: The project is advised to re-evaluate the rate and propose a higher rate based on evaluation of ground realities and current market rates.
Total Compensation for structures					201,058,000.00	

Apart from the households residing on the parcel of land, there are approximately 220 households who depend on the parcel of land for their economic survival. These households are situated outside the proposed EZ boundary but are dependent on the said land for farming. These households will face economic loss derived from cultivation on this land parcel due to the development of the proposed EZ.

Due to the land parcel being used for agricultural purposes, there is an in-flow and out-flow of seasonal workers possibly during harvest and sowing seasons. These seasonal workers will also face an indirect impact/loss due to the development of the proposed EZ.

Therefore, prior to the development of the proposed economic zone it is recommended that a detailed social impact assessment is carried out to understand the magnitude of losses and adverse impact that will be faced by the communities in and around the site. The Social impact assessment will need to cover the enumeration of HHs who will face physical displacement, economic displacement, direct and indirect losses to employment and livelihood opportunities. The SIA can then be used to formulate a strong resettlement and rehabilitation plan for the potential PAFs prior to development of the project.

Land Acquisition & Impact Mitigation Objectives

The principles and guidelines proposed in the RSMF are to avoid or minimize adverse impacts on private landowners and khas/public land users; mitigate the adverse impacts that are unavoidable; and assist the project affected persons (PAPs) to improve, or at least to restore, their living standards and income earning and production capacity to the pre-acquisition levels. To achieve these objectives, BEZA will consistently adhere to the following guidelines:

- Avoid or minimize private land acquisition;

- Avoid or minimize displacement from private homesteads;
- Avoid or minimize displacement of persons and households who may have been using khas/public lands for residential, commercial and other purposes; and
- Mitigate the adverse impacts associated with private land acquisition; displacement from khas/public lands; use of common property resources; and temporary displacement/closure of business and livelihood activities during implementation of the civil works.

RSMF & Impact Mitigation Plans

The principles, policies and guidelines as proposed in this RSMF will apply, irrespective of PSDSP components, to all EZs and similar sub-projects, and their off-site support infrastructures that will involve private land acquisition and use of khas/public lands.

11.4.2. Requirement of RAP

The development of the EZ is envisaged on land parcel of 402.66 acres which is contained in Jamalpur Sadar upazila and Sherpur Sadar upazila in Jamalpur and Sherpur district. These lands constitute of khas/government land and private land where the majority of the land is khas land. The land parcel consists of numerous residential households and social infrastructure such as mosque. Thus, the proposed project will result in physical displacement of the titleholders and non-titleholder households residing within the project site, loss of livelihood due to loss of lands used for agricultural cultivation. This requires the development of a comprehensive Resettlement Action Plan for the affected people after conducting a detailed social impact assessment.

In cases of acquisition, a part of the compensation for lands and other affected assets built or grown thereon will be assessed and paid to the title holding PAPs by the Deputy Commissioners (DCs), the heads of the Acquiring Bodies. If this payment, 'compensation under-law' (CUL), is found smaller than their replacement costs and/or market prices, BEZA will directly pay the difference or 'top-up' to make up for the shortfall.

With or without acquisition compensations/assistance due to all other PAPs, such as non-titled persons, business owners and employees and those, who are not covered by the acquisition ordinance, but eligible according to this RSMF, will also be directly paid by BEZA.

Top-up Determination and Payment: Where an owner loses lands and other assets in more than one *mouza* or land administration unit, the person will be counted once, and his/her top-up will be paid together. The amount of top-up due to the affected person will be determined by comparing the *total amount of CUL* paid by the DCs for lands and other assets acquired in all *mouzas* with the *total replacement costs and/or market prices thereof*.

Compensation/entitlement due to the PAPs, including those who are not covered by the acquisition ordinance, but eligible according to this RSMF, will be paid in full before they are evicted from the acquired private and khas/other public lands.

Based on the principles proposed for impact mitigation, the following tables define the specific entitlements for different types of losses, entitled person, and the institutional responsibility to implement them.

Table 106: Loss of Lands (Agricultural, Homestead, Commercial & Others)

Ownership Type	Entitled Person	Entitlement	Responsibility
Private	Legal Owners, as determined by DCs, or by courts in cases of legal disputes	Compensation-under-law (CUL) or replacement costs, whichever is greater. If applicable <ul style="list-style-type: none"> • Top-up equal to the difference between CUL and replacement costs. • Transition allowance (TA) for income loss (see Loss Category 5). 	CUL paid by DC Top-up & TA paid by Project

Ownership Type	Entitled Person	Entitlement	Responsibility
Khas & Other Public Lands Under Lease.	Leaseholders	<ul style="list-style-type: none"> Contractual obligations with the public agencies, as determined by DCs, and / or Contractual obligations with other GOB agencies. 	Paid by DC and/or Project
Households/residential structures on khas & other public lands	Vulnerable non-Title persons	<ul style="list-style-type: none"> Relocation assistance, including developed plots in their own or other public lands, to be arranged by BEZA. Provision of water supply & sanitation facilities. 	By Project
Vested Non-Resident	Current Owners/Users	As those stipulated above for trees and fruits on trees, on private lands.	By Project

Table 107: Loss of Agricultural, Business, Employment & Rental Income

Ownership type	Entitled Person	Entitlement	Responsibility
Agricultural Income: <i>If acquisition amounts to 20% or more of the total productive area</i> <i>If acquired VNR lands are agricultural</i>	Legal owners as determined by DCs, or by courts in cases of legal disputes	<ul style="list-style-type: none"> Current market value of trees, based on species, size and maturity. Current harvest prices of fruits on trees, if they are uprooted before harvest. Owners are allowed to sell the trees and keep them. 	By Project
	<i>Present Owners/Users</i>	<ul style="list-style-type: none"> Transition allowance equal to three times the harvest prices of one year's crops produced in the acquired parts of the lands. 	By Project
Business Income: Temporary closure of businesses in existing premises Partially affected businesses Businesses requiring removal from the existing premises and spots	Business Owners (premise / landowners & tenants)	Compensation, based on 30 days' average daily net income, for the actual number of days the businesses remain closed or complete the civil works	By Project
	Business Owners (premise/landowners & tenants)	Compensation, calculated as above, for smaller of the number of days needed to repair and reopen the individual business premises, or complete the civil works.	By Project
	Business Owners (premise/land owners & tenants)	Relocation in khas/public lands, plus compensation, calculated as above, for a period of 30 days; or Compensation, calculated as above, for the number of days the business owners need to find alternative locations themselves, but for a maximum period of 90 days.	By Project

Ownership type	Entitled Person	Entitlement	Responsibility
Loss of employment income	Business Employees	Compensation at current daily wage rates for the period needed to reopen the businesses, or for a maximum of 30 days.	By Project
Loss of income from rented-out premises on private Lands & VNR Lands	Legal Owners and Current Owners/Users of VNR lands	Six months' rent at the current rates to the owners of the premises on private lands. Three months' rent at the current rates to the owners/users of premises on VNR lands	By Project

Table 108: Unforeseen losses

Impact Type	Entitlement Person	Entitlement	Responsibility
As may be identified during subproject preparation & implementation	As Identified	As determined in consultation with World Bank and the stakeholders.	By Project

Salient recommendations on resettlement and rehabilitation aspects:

- It is estimated that for rehabilitation of 143 project affected households, ~10.55 Acres of land will be required
- Based upon consultation with AC Land officials, it is understood that the rehabilitation site may be proposed in Char Pakkhimari Mouza (Sherpur Sadar Upazila), which is located at ~1km distance from the proposed EZ area towards Northern side. The type of land is *Kanda* in nature. Per acre land price including 200% premium is 5.01 Million BDT
- The rehabilitation site should ensure access to better civic facilities
- The project should arrange for skill development training programs for local youths/working population as necessary for getting employed in the EZ. Employment opportunities for the locals should be provided on a priority basis
- Measures should be taken to allocate substantial percentage of job opportunity for women group in the EZ.

11.4.3. Land Requirements and Resettlement Issues

One of the most important activities under PSDSP is identifying locations and making the required lands available for the Economic Zones. Although the land area for the individual EZs will vary in terms of location, land availability and the preferred economic activities, the required amounts are expected to develop support infrastructures like new access roads, or improving/widening the existing ones to connect the EZs with the major highways; sewerage systems; power distribution; water supply; and the like. In any case, BEZA has planned to obtain the lands from the khas under the Ministry of Land and unused lands belonging to various GOB agencies; and by acquisition from private ownerships. It is also possible that in rare situations, especially where the required private lands are very small in amounts and are to be urgently made available for civil works, BEZA may as well go for direct purchase from the landowners. Barring those with direct purchase, the potential resettlement issues are expected to be associated with,

- Displacement of persons/households who may have been using, without authorization, the khas and other public lands to live in and/or earn a living (non-titled persons);
- Resumption of leased-out khas and other public lands from private citizens, which may have been in use for residential, commercial or other purposes; and
- Acquisition of private lands which may cause displacement from whatever economic activities presently are there, including loss of homesteads. Given that the EZ would use lands in large parcels, it is also possible that some households may become completely landless, if they have all their lands in the selected sites.

Considering the potential impacts, BEZA proposes to obtain khas/public lands which may have been under authorized and unauthorized private uses, and private lands by using the following means:

Khas and Other Public Lands

- Under Authorized Use: If the required lands are presently under lease from the Deputy Commissioner (in cases of khas) or any other GOB agencies, BEZA may seek to use them by fulfilling the lease stipulations.
- Under Unauthorized Use: BEZA will take them back by mitigating the associated adverse impacts consistent with the World Bank's OP 4.12 and OP 4.10.

Private Lands

- Wherever found necessary, due to lack of other alternatives, BEZA will use the present Acquisition and Requisition of Immovable Property Ordinance 1982 and any other applicable legislations and mitigate the associated adverse impacts in compliance with the Bank's OP 4.12 on Involuntary Resettlement and OP 4.10 on Indigenous Peoples.
- Direct purchases from private landowners in compliance with the Bank's specified guidelines. Simplest of the means to obtain private lands is direct purchase from the landowners and resolve the resettlement issues, if any, in the transaction process. However, given the possibility that the private landowners would be quite large in number and not all would be willing to sell, the remaining means is to use the state's power of eminent domain and acquire the lands according to the established legal framework. While all private lands will be acquired, there might be occasions, however rare, when BEZA may need to urgently use small amounts of private lands that may not have been included in the LAPs submitted to the Acquiring Body and the legal acquisition process is already well underway or completed. In situations like this and considering the lengthy acquisition process, BEZA may decide to purchase the lands directly from the owners in accord with the following guidelines:
- All direct purchases must be on a 'willing buyer-seller basis. That is, the landowners cannot be forced or intimidated directly or indirectly to sell and at prices that are lower than the current market rates for similar lands.
- Prices for lands and other assets created or grown on them are to be negotiated and paid transparently in the presence of community leaders and organizations, NGOs, and others who are respected by the local people for their fairness and integrity. BEZA will always try to avoid dealing with middle-men (dalal) and remain fair and transparent by having the communities and individuals, as suggested, participate in the transaction process.
- Documentations consisting of minutes of price negotiations indicating location, amount, and any assets built or grown (structures, trees, etc.); names, addresses and telephone numbers of persons participated in the negotiations; and the purchase records are required to be submitted to the Bank for its review and clearance.

11.5. Overview of Social Legal and Policy Requirements

The current legislations governing land acquisition for Bangladesh is the Acquisition and Requisition of Immovable Property Act 2017 (hereinafter, “the Act”) which replaces the old 1982 Ordinance on Acquisition and Requisition of Immovable Property. The Act provides safeguards for landowners and has provisions for payment of ‘fair value’ for the property acquired. The act also made provisions for payment of crop compensation to tenant cultivators. However, it does not cover project-affected persons without titles or ownership record and does not ensure their replacement value of the property acquired. It does not permit the affected persons to take the salvageable materials for which compensation has been paid by the DC. It has no provision of resettlement assistance and transitional allowances for restoration of livelihoods of the non-titled affected persons.

In all cases, the Deputy Commissioner (DC) determines (i) market value of acquired assets on the date of notice of acquisition (based on the registered value of similar property bought and/or sold in the area over the preceding 12 months); and (ii) 200% premium on the assessed value (other than crops) due to compulsory acquisition. The DC payments “awarded” to owners is called cash compensation under law (CCL). The market value determined by DC is invariably less than the real market price as owners customarily report undervalued land transaction prices in order to pay lower stamp duty and registration fees. The premium paid by DC has been increased from 50% to 200% of market value for government land acquisition and to 300% in case of private land acquisition in the new act. However, even so in most cases the compensation remains less than the real market price or replacement value (RV).

World Bank’s policy on involuntary settlement OP 4.12 covers direct economic and social impact caused by (a) the involuntary taking of land resulting in (i) relocation or loss of shelter; (ii) loss of assets or access to assets; or (iii) loss of income sources or means of livelihood, whether or not the affected persons must move to another location; or

(b) the involuntary restriction of access to legally designated parks and protected areas resulting in adverse impacts on the livelihoods of the displaced persons

Table below shows the comparison of GOB’s Ordinance and WB policy gaps between WB OP 4.12 and GOB 2017 Act.

Table 109: Gap analysis: WB OP 4.12 and GoB 2017 Act

Gaps between WB OP 4.12 and GOB 2017 Act.	Recommendation to bridge the gaps
Gaps with regard to avoidance and minimized project impacts	The project designs including that of the associated facilities should aim to minimize impacts.
Existing GOB laws recognize title owners only; informal settlers are not covered.	All affected persons irrespective of titles will need to be identified for compensation and assistance
Existing laws and methods of assessments do not ensure full replacement costs. However, the 2017 Act has increased the provisions for compensation.	Provisions should be adopted for additional top-up payments to ensure replacement costs at current market price
Consultation with affected community is not legally required under the Act.	Extensive consultations will need to be carried out during the preparatory phase; similar consultation will continue during project implementation
The affected landowners can object to the acquisition in the beginning but once the hearing is done and settled, there is no scope of further complaint during the acquisition process.	There will be a provision of two-tier grievance redress mechanism in the project. One local level GRC (LGRC) and another project level GRC (PGRC).
No support or programme for income and livelihood restoration	The project benefits will include income and livelihood restoration

Gaps between WB OP 4.12 and GOB 2017 Act.	Recommendation to bridge the gaps
No provision for reconstruction or replacement of non-religious common property resources	The project will reconstruct all physical and cultural resources (PCRs) and common property resources if affected by the project.

Source: PwC Analysis

11.6. Stakeholder Consultation

11.6.1. Introduction and Objective

This section provides the stakeholder identification and analysis as well as a brief understanding of the engagement process for the project. “Stakeholder” refers to those who have plausible stake in the environmental/social impacts of the project or activity are ascertained with a view to taking into account all the material concerns in the project or activity design as appropriate. It is highly desirable for all key stakeholders to arrive at a consensus on sensitive features, impacts and remedial actions. Stakeholder identification was done by examining the potential impacts of the project in terms of:

- Who may be affected directly (project affected people);
- Which agencies might have responsibility for the impact management;
- Which other organizations might have an interest in monitoring proponent activities or have local knowledge to contribute;

The stakeholders identified in the project comprise of project impacted people, project beneficiaries, various government officials.

The main objective of the consultation process is to minimize negative impacts of the project and to maximize the benefits from the project to the local populace. The objectives of public consultation as part of this project are:

- Promote public awareness and improve understanding of the potential impacts of proposed projects
- Identify alternative sites or designs, and mitigation measures
- Solicit the views of affected communities / individuals on environmental and social problems
- Improve environmental and social soundness
- Clarify values and trade-offs associated with the different alternatives
- Identify contentious local issues which might jeopardize the implementation of the project
- Establish transparent procedures for carrying out proposed works
- Inform the affected populace about the entitlement framework and to settle problems with mutual consent
- Create accountability and sense of local ownership during project implementation; and
- To obtain information on baseline environment

11.6.2. Methodology for Stakeholder’s Consultation

Different techniques of consultation with stakeholders were used during project preparation, viz., in-depth interviews, public meetings, group discussions etc. to understand the socio-economic profile of the community and the affected families, baseline environment, environmental/social concerns etc. A two-fold Stakeholder Consultation Meeting (SCM) was carried out during the social review. In this regard, the SCMs were conducted firstly with both the primary and secondary stakeholders and later, affected persons within the occupation and gender-based groups were consulted through Focused Group Discussions (FGD). The Focused Group Discussions (FGD) were carried out with different group at the proposed EZ area. PWC personnel discussed about the future

developments and benefits to the community due to the development of the EZ. The FGD was carried out in presence of local farmers, business group, local elites and women group. The details of attendees of the community consultations have been **annexed (Annexure 20)** to the report.

11.6.3. Level of Consultation

The Focused Group Discussions (FGD) were carried out with different groups at the proposed EZ area on 16-11-2020 and consultations with institutional stakeholders were carried out on 20-7-2019. The FGD was carried out in presence of local farmers, business group, local elites and women group. The details of the Focused Group Discussions are furnished below. The record of attendees for the FGDs has been attached in **Annexure 20**.

11.6.4. Institutional Stakeholders Consultation

Date of Meeting: 21 July 2019

Location of Meeting: UNO Office, Jamalpur Sadar, Jamalpur

Officials Met:

Table 110 List of Institutional Stakeholders Consulted

Name of Person	Designation	Contact Details	Date of Consultation
Ms Farida Yesmin	Upazila Nirbahi Officer	01709970050	21July 2019
Mr SM Mozaharul Islam	AC Land Jamalpur Sadar	01709970052	21July 2019
Ms Afroza Beagum	Secondary Education Officer	01711906768	21July 2019
Ms, Nahida Yeasmin	Upazila Education Officer	01718160216	21July 2019
Ms Shirin Akhter	Rural Development Officer, BRDB	01843608533	21July 2019
Eng. Sanwar Hossain	GM, REB	01769402035	21July 2019
Mr Khalilur Rahman	Mechanical, Upazila DPHE	01716900563	21July 2019
Azizur Rahman	Upazila Cooperative Officer	01712369572	21July 2019
Mr. saiful Islam Khan	UYDO	01716188109	21July 2019
Dr Helena Beagum	ULO	01711233045	21July 2019
Ms. Monotazunnesa	SUFO	01716615213	21July 2019
SM Shahidul Islam	Eng, LGED	01708161418	21July 2019

Salient Points of Discussion:

At the onset, the officials from Upazila Nirbahi Office, Jamalpur Sadar welcomed the idea of developing economic zone in the region and country by BEZA and expressed their consent on the same. The officers extended cooperation in identifying the proposed EZ site and nearby features. Discussions were held on various developmental aspects of the proposed EZ like land acquisition status, utilities, rehabilitations and resettlement issues, etc. The discussion was concluded by a visit to the project site and nearby sub-station to gain an on-ground understanding of the various issues. Some of the key features discussed were as follows:

- It was understood that the site area is 262.66 acres of land. The proposed land parcel is spread across three Mouzas i.e. Jotharthopur (Pvt-64.4400 & Govt- 197.7200), Mothurabari (Pvt-0.2100), Dokkhin Kuturia (Pvt- 0.2900 in Jamalpur Sadar Upazila²⁶³.
- Bangladesh Small and Cottage Industries Corporation (BSCIC) is at a distance of 5 km from the proposed EZ.
- Based on the discussions with UNO officials, it has been understood that the region is already industrially active and offers ample backward and forward integration opportunities for the proposed EZ.

11.6.5. Focused Group Discussions

The Focused Group Discussions (FGD) were carried out with different group at the proposed EZ area on 20-11-2020. PWC personnel discussed about the future developments and benefits to the community due to the development of the EZ. The FGD was carried out in presence of local farmers, business group, local elites, youth group and women's group. The details of the Focused Group Discussions are furnished below. The record of attendees has been attached in **Annexure 20**.

Table 111: Details of Focus Group Discussions

Relevant Stakeholders	Issues	Suggestion/Demand from participants	Remarks
<i>Affected Landowners, Farmers, Social Elites (19 persons)</i>	<ul style="list-style-type: none"> • Affected structure and homestead • Loss of Agriculture Land • Opportunities for business during construction phase. 	<ul style="list-style-type: none"> • The participants welcome the proposed EZ development. They think that this proposed EZ will create employment opportunities to many people in the area. There are 143 households with structures and trees in the proposed site at the proposed area of Jamalpur and Sherpur. The participants demanded that these households should be avoided while considering the EZ location. • The proposed land for acquisition is maximum single crop land and 40% land is double crop.; • The participants expressed interest in availing business or employment opportunities during the construction of the EZ. They are keen to provide construction materials. 	<ul style="list-style-type: none"> • The proposed EZ alignment should be reconsidered to avoid resettlement of 143 households. • Proper compensation should be provided for loss of livelihood. Also, the PAPs should be given priority for employment in the upcoming EZ. • The option of procuring construction raw materials from the

²⁶³ ²⁶³ Part of Land Parcel falling in Jurisdiction of Sherpur District is also included within proposed EZ boundary later

	<ul style="list-style-type: none"> Development social infrastructure 	<ul style="list-style-type: none"> The participants expressed that they do not have quality schools or educational institutions or technical college in their locality. The project may consider developing some educational institutes for the benefit of the locals. Considering the future economic activities brought about by the proposed EZ, hotels or guest houses may be established. 	<p>locals as per the BEZA guidelines may be assessed.</p> <ul style="list-style-type: none"> Guest houses or hotels may be established in the EZ. Establishment of educational institutes open to locals and potential employees of the EZ may be established.
<p><i>Women Group (12 participants)</i></p>	<ul style="list-style-type: none"> Settlement Issue Safety Issue Employment Trainings needed 	<ul style="list-style-type: none"> The women group raised a concern about the settlement issue in the meeting. They demanded that these households are avoided while the proposed EZ will be developed The women group expressed concerns about the potential safety issue that may arise from migrant labor/labor arriving from different locations to work in the construction of the project. The women of the locality also want to work in the EZ. They wanted equal opportunity as like the men. Skill development trainings suitable for women should be provided by the project so that they can prepare themselves for employment 	<ul style="list-style-type: none"> The proposed EZ alignment should be reconsidered to avoid resettlement The project should develop camps for workers within the EZ site away from locals. A robust GRM should be established. Priority may be given to women for employment. The project should arrange training programs to train the women in skills necessary for employment in the EZ.

Source: FGD at site

Summary of Social Impacts

- The development of the project would cause direct impact in terms of physical displacement of households (title and non-title holders) and economic displacement of households due to loss of cultivable farmlands and livelihood.
- Based on consultations, it can be surmised that the total number of households that will face physical displacement are around 143 of which 87 are titleholders on private land.
- The development of the EZ will also result in livelihood and occupational loss (economic displacement) of additional 220 households (approx.) who reside adjacent or near the proposed project site.
- The development of the project will impact the existing livelihood patterns as it will disrupt income generated from cultivating crops.
- The existing economic structure will be impacted due to the development of the EZ, as that will potentially bring new types of jobs and livelihood opportunities that are different from the livelihood opportunities associated with farming.
- The project requires a detailed social assessment and the development of a comprehensive resettlement Action Plan which will require of livelihood generation and livelihood restoration strategies, relocation and resettlement plans and others.
- The project preparation should also take into account the existing levels of literacy and skills in the area, so as to ascertain skill requirements for the PAPs to take advantage of the new jobs that are created during the construction as well as operation phases of the EZ.

11.7. Conclusion

For the development of the proposed EZ, BEZA requires 402.66 acres of land. Of this, 311.97 acres is govt./khas, and 90.69 acres is private. The land is occupied by households and settlers (non-titleholders) who conduct their economic activities within the site and in the vicinity and 2 social structures which are mosques. There are no commercial structures within the site boundary.

The project has the potential to provide business and employment opportunities and can be a vehicle for improved education, social infrastructure and skills trainings for the locals.

Total price of land proposed is **1738.5 million BDT**.

The project will affect approximately above 143 residential households of which 87 belong to titleholders. Based on the field visit, 82 affected homestead structures were identified on the land in Jamalpur District. Among them, estimated 40 homesteads are on private land. And there are 61 homestead structures in the proposed land for Sherpur EZ. Among them 47 homestead structures are on private land and the rest are squatters in government land.

About half of the proposed area is used for agricultural activity (mostly single crop and double crop). Rest of the area consists of Char Land. Additionally, some part of the proposed land is also used for agricultural purposes by the not only the people residing within the EZ boundary but also by households settled outside/adjacent to the boundary (~220 PAFs). Hence, the total number of PAFs affected include them is approximately 363 PAFs.

Hence, using the average household size of each Upazila we can estimate that a total number of PAPs is 1400 of which approximately 820 are economically displaced due to impact on economic activities with project site, approximately 330 are economically and physically displaced titleholders losing land, and 250 physically and economically displaced settlers/squatters (non-titleholders)

Additionally, due to the land parcel being used for agricultural purposes, there is an in-flow and out-flow of seasonal workers possibly during harvest and sowing seasons. These seasonal workers will also face an indirect impact/loss due to the development of the proposed EZ. Finally, women would be particularly affected by the labor influx and associated risks expected during construction.

Given the above, prior to the development of the proposed economic zone, it is recommended that a detailed social impact assessment is carried out to understand the magnitude of losses and adverse impact that will be

faced by the communities in and around the site and Resettlement Action Plan (RAP) needs to be prepared for the PAPs in accordance to World Bank safeguard standards and Government of Bangladesh's social and resettlement rules.

12. Environmental Review

12.1. Purpose and Objective

The Environmental and Social Review has been undertaken with the following objectives –

- To facilitate an understanding of the elements of the existing baseline conditions of project's area of influence;
- To identify the aspects of the project likely to result in significant impacts to environmental and social resources/receptors;
- To analyse and map relevant stakeholders involved in the project;
- To predict the significance of the impacts of the Project;
- To develop an understanding for the management and monitoring of impacts; and
- Preparation of Environmental Management Plan (EMP)

12.2. Methodology of Environmental Review

The methodology for the environmental review of the proposed site are:

- Identification and review of applicable local, state, national and international environmental and social regulatory and institutional frameworks;
- Establishment of baseline conditions of the site and surrounding area through the following:
 - Detailed surveys to observe environmental and social characteristics of the project area;
 - Discussions with the stakeholders and identification key issues during planning, construction and operation phase of the project;
 - Baseline data collection of the site and project area with respect to water, ambient air and noise quality etc.
 - Ecological assessment on flora and fauna of the site and project area through secondary data collection and consultation with stakeholders.
 - Assessment of the socio-economic environment through collation of secondary information of the site, supplemented by consultations with the local communities to understand community perception with regard to the project and its activities;
- Impact Assessment and Mitigation Measures for environmental and social components for pre-construction/construction and operation phases. To minimize the adverse impacts mitigations measures will also be suggested; and
- Development of Environmental Management Action Plan which includes the following:
 - Mitigations for adverse environmental impacts and associated risks;
 - Institutional arrangement - management tools and techniques for the implementation of environmental impacts and risk mitigations;
 - Monitoring and reporting of requirements and mechanisms for the effective implementation of the suggested mitigations;
 - Monitoring arrangements for effective implementation of suggested mitigations for the proposed project.

12.3. Overview of Environmental Legal, Regulatory and Policy requirements for the project (GoB, WB etc.)

This section highlights the regulatory requirements set out by Government of Bangladesh (GoB) and World Bank (WB) in relation to protection of environment and its resources as well as protection of the social environment from adverse impacts associated with the project development. The project proponent needs to comply with the same during project lifecycle. These requirements are summarized in the table below.

Table 112: Applicability of Key Environmental Legislation at a Glance

Name	Key Requirement	Applicability	Remarks
Acts/Rules			
The Environment Conservation Act, 1995 and subsequent amendments in 2000 and 2002 and 2010 Environment Conservation Rules, 1997 (Subsequent Amendments in 2002 and 2003)	<ul style="list-style-type: none"> • Mandatory requirement of prior environment clearance for certain category of project for conservation and improvement of environment and control and mitigation of pollution of the environment. • To ascertain responsibility for compensation in case of damage to ecosystem • Restriction on polluting automobiles, sale and production of environmental harmful items. • Promulgation of standards for quality of air, water, noise and soil for different areas for different purposes. • Declaration of ecologically critical areas • Promulgation of standard limit for discharging and emitting waste. • Formulation and declaration of environmental guidelines. • Categorization of industries, development projects and other activities on the basis of pollution activities of the existing or proposed industries/development projects/activities. 	Applicable. The project is classified underred category EIA study required to be undertaken	Site approval certificate (followed by Environmental Clearance Certificate) is to be obtained from DoE
The Protection and Conservation of Fish Act, 1950 and subsequent amendments in 1982	Prohibit or regulate the construction, temporary or permanent of weirs, dams, bunds, embankment and other structures	Applicable.	Necessary permission would need to be taken for construction of such structures

Name	Key Requirement	Applicability	Remarks
Water Pollution Control Ordinance 1970	Prevention of water pollution	Applicable from the prospective of prevention of pollution	Applicable during both construction stage (e.g. sewage and equipment washing and maintenance liquid waste discharges at construction camps) and operation phase
The Embankment and Drainage Act 1952	An Act to consolidate the laws relating to embankment and drainage and to make better provision for the construction, maintenance, management, removal and control of embankments and water courses for the better drainage of lands and for their protection from floods, erosion and other damage by water.	Applicable. Embankment along river is envisaged.	Regulatory authority Ministry of Water Resources and FCD
Bangladesh Water Act 2013	<ul style="list-style-type: none"> As per the act no person or organization is allowed to cause alteration of water course without permission from authority withdrawal of groundwater 	Applicable (for extraction of Ground Water).	Regulatory authority is National Water Resource Council
The Building Construction Act 1952 (with latest amendment 2006)	An Act to provide for the prevention of haphazard construction of building and excavation of tanks which are likely to interfere with the planning of certain areas in Bangladesh	Applicable as the project involves development of infrastructure	Regulatory authority is Ministry of Works
The Vehicle Act, 1927 The Motor Vehicles Ordinance, 1983 The Bengal Motor Vehicle Rules, 1940	To regulate vehicular exhaust emissions	Applicable as heavy vehicle movement is involved both during construction and operation phase	Regular maintenance and up keeping of the vehicles should be carried out. Regulatory authority is Bangladesh Road Transport Authority
The Factories Act, 1965 Bangladesh Labor Law 2006, amendment 2013 Bangladesh Labor Rules 2015	This Act pertains to the occupational rights and safety of factory workers and the provision of a comfortable work environment and reasonable working conditions.	Applicable as the workers will be employed during construction and operation phase	Regulatory authority is Ministry of labor
Policies			
National Environment Policy, 1992	For sustainable development	Applicable for all development projects	Usage of energy efficient building material, fuel etc. should be encouraged

Name	Key Requirement	Applicability	Remarks
National Environment Management Action Plan 1995	Conservation of natural habitats, bio-diversity, energy, sustainable development and improvement of life of people	Applicable for all development projects	Usage of energy efficient material, green building techniques, reduction of carbon foot prints etc.
National Conservation Strategy	Sustainable development of Industrial Sector	Applicable for all development projects	Usage of energy efficient material, green building techniques, reduction of carbon foot prints etc.
The National Water Policy, 2000	To ensure efficient and equitable management of water resources, proper harnessing and development of surface and ground water, availability of water to all concerned and institutional capacity building for water resource management	Applicable. Ground and surface water is required to be withdrawn for fulfilling water requirement	Conjunctive use of water should be explored
The National Water Management Plan, 2001	Addresses options for water quality, considerations behind measures to clean up industrial pollution, where effluent discharge monitoring and zoning regulations for new industries are emphasized	Applicable as the proposed development will involve generation of sewage	Installation of sewage treatment facility within the premises
World Bank's Safeguards			
OP 4.01 Environmental Assessment	Ensures sustainability and environmental feasibility of the project. Projects are classified into A, B & C category depending on the nature and extent of the impact.	Triggered	Project classified as Category A considering impacts of project
OP 4.12 Involuntary Resettlement	Ensures safeguards to address and mitigate risks due to involuntary resettlement such as economic, social and environmental risks.	Triggered	The proposed project requires acquisition of private land and assets
Private Sector Development Support Project			
Environment & Social Management Framework (ESMF)	Describes all the mandatory environmental and social clearances and purpose of the same required to be taken before development of the project	Triggered	The framework sets out mitigation, monitoring and institutional measures to be taken during design, implementation and operation of the project activities to eliminate adverse environmental impacts, offset them, or reduce them to acceptable levels.

Source: PwC analysis

12.4. Project Description

With the vision of improving the economy of the country and generating livelihood for the population, Government of Bangladesh (GoB) has planned an era of organized industrialization by following the footsteps of other South Asian countries. GoB set up Bangladesh Economic Zones Authority (BEZA) as the nodal agency and regulator of EZ development within the country. BEZA has set forth an ambitious target of developing 100 EZs in the coming 15 years spread across various locations of Bangladesh.

In line with the aspiring growth plan of the GoB, BEZA has envisaged and planned the development of twelve prospective growth locations as economic zones (EZs) at various locations Across the country. BEZA (through the funding from World Bank) has engaged PricewaterhouseCoopers Private Limited (PwC) in association with Mahindra Consulting Engineers Limited (MACE) and Infrastructure Investment Facilitation Company (IIFC) as sub consultants to undertake feasibility study of these project sites.

Proposed Jamalpur EZ is one of these 12 sites.

Proposed EZ is spread over an area of approximately 402.66 acres. The proposed land parcel is spread across 4 Mouzas i.e. Jotherthopur, Mothurabari, Dakkhin Kuturia under Jamalpur Sadar Upazial and Char Pakkhimari under Sherpur Sadar Upazila. These lands constitute of khas/government land and private land. Nearest highway connectivity for the proposed EZ is Joydebpur-Tangail-Jamalpur Road (N4) (~5 km) which is connected to the proposed EZ via Jamalpur-Sherpur-Bangaon Road (R460). The proposed EZ is entailed with a ~ 800 m long earthen road which provides the last mile approach to the proposed EZ, connecting the proposed EZ with the with Jamalpur-Sherpur-Bangaon Road (R460). R460 connects the proposed EZ with Mymensingh (~66 km) through Muktagacha-Jamalpur road (Z4101) and Tangail-Mymensingh highway (N401). N4 connects the proposed EZ with Dhaka (~167 km). It is further connected to four lane Dhaka-Chittagong highway (N1) which connects the proposed EZ with Comilla (~269 km) and Chittagong (~413 km). The nearest rail head is at Jamalpur which is at a distance of around 5 km from the proposed EZ. The nearest seaport at Mongla is at a distance of ~377 km from the proposed EZ. Chittagong seaport is at a distance of ~413 km from the proposed EZ. Narayanganj river port is located at a distance of ~206 km from the proposed EZ

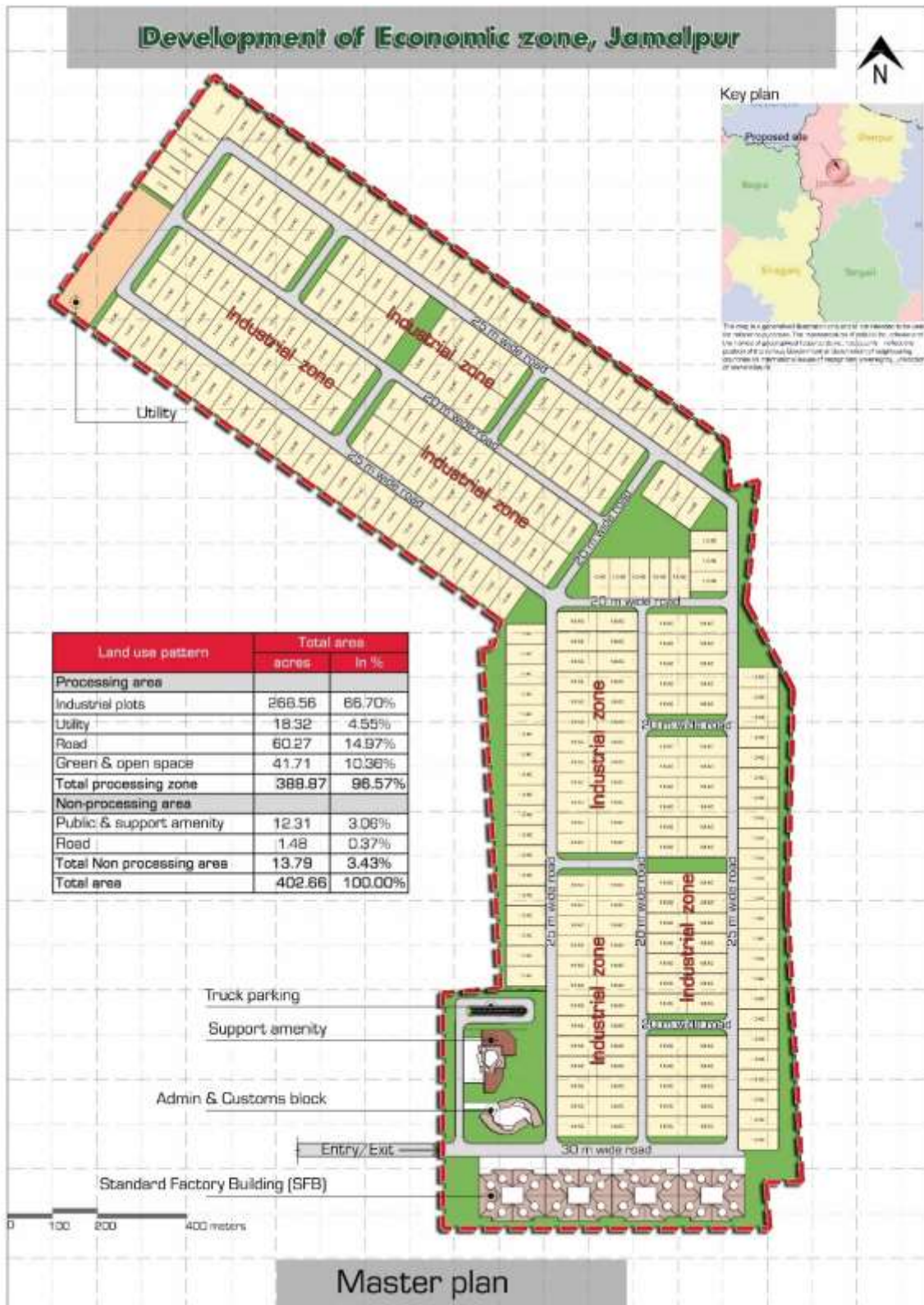
Based on the regional landscape and site intrinsic features, suitability of various industrial sectors has been assessed. The following industrial sectors emerged out as the potential industrial mix for the proposed EZ -

Primary set of industries:

- **Food & Beverages**
- **Agro-based Industries**
- **Leather and Leather products**
- **Electrical and Electronics**

Master Plan of proposed EZ is furnished in the figure on the next page.

Figure 83: Master Plan of the Proposed EZ site



Source: MACE analysis

12.5. Baseline Scenario

12.5.1. Location and Study Area

The proposed EZ is located in Jamalpur Sadar upazila, Jamalpur and Sherpur Sadar upazila, Sherpur district of Mymensingh division. Jamalpur and Sherpur, both the districts share an international border with the Indian state of Meghalaya in the North East. Project districts are surrounded by Kurigram district in the North, Tangail district in the South, Mymensingh district in the East, Bogra, Sirajganj and Gaibandha districts in the West.

The proposed site is spread across 4 Mouzas i.e. Jotherthopur, Mothurabari, Dakkhin Kuturia under Jamalpur Sadar Upazila and Char Pakkhimari under Sherpur Sadar Upazila. Location of Proposed Project site is shown on Google earth in the following figure.

Figure 84: Location of the proposed EZ on Google Earth



Source: Google Earth; PwC & MACE analysis

Table 113: Proposed EZ Site Information

Parameters	Details
Site co-ordinates	24°55'11.39"N 89°59'0.11"E
Site boundaries on East	Agricultural land, Brahmaputra river and settlements
Site boundaries on West	Brahmaputra river and Regional Highway (R460-Jamalpur Sherpur highway)
Site boundaries on North	Agricultural lands and settlements
Site boundaries on South	Agricultural land, Brahmaputra river and few settlements
Total area of the site	402.66 acres
Privately owned land	90.69 acres
Government Land/ Khas land	311.97 acres

Source: Google Map and PwC Analysis

Old Brahmaputra River passes adjacent to the proposed EZ. The river is perennial in nature and the proposed site is located on the flood plain of the river. Brahmaputra River is identified as key feature of the site surrounding and currently has a significant role on the topography of proposed site. 10 km radius from proposed site boundary has been considered as zone of influence due to the proposed development. Hence 10 Km radius is considered as study area for carrying out Environmental and Social review. Zila/Upazila level secondary information was also collected for various environmental and social components irrespective of any demarcated boundary.

12.5.2. Topography and Seismology

From the site visit, it is observed that the site is on an average level of 8 to 10 feet below adjacent approach road. Also, there are low lying areas within the site. This necessitates suitable level of site filling within EZ site. Dredged sand from River Old Brahmaputra is suggested as a source for site filling. However, detailed hydrostatic study has to be carried out for identifying the suitable point of dredging and necessary permission has to be obtained from Bangladesh Inland Water Transport Authority (BIWTA) authorities for dredging of sand from the river for site filling.

Bangladesh has been divided into three generalized seismic zones. The northeastern regions of Bangladesh are the most active zones and belong to the zone-I. The zone II consists of the regions of recent uplifted Pleistocene blocks and considered as moderately active. The southwest Bangladesh is seismically quiet zone and represented by zone III. Proposed site is located in Zone I.

Figure 85: Seismic Zoning Map of Bangladesh



Source: Prime Minister's Office Library, Dhaka

12.5.3. Climatological Condition

The area has a tropical monsoon climate. It has three main seasons i.e.

- Summer/Pre-monsoon - March to May
- Rainy Season/monsoon - June to October
- Winter season - November to February

The annual average temperature of the project districts varies from maximum 33.3°C to minimum 12°C and the average rainfall is 2174mm.²⁶⁴

12.5.4. Land use Pattern

From the site visit it is observed that the existing land use cover within the proposed site are agriculture, road, vegetation, residential and Low-lying & water inundated areas. About half of the proposed area is used for agricultural activity (mostly single crop and double crop). Rest of the area consists of Char Land. The proposed site devoid of any significant tree cover. Few sporadically grown trees are found within the area earmarked for development of EZ. There is no presence of any forest land in an around the proposed EZ site. Brahmaputra river passes is adjacent through the proposed EZ which is perennial in nature. Land use of proposed EZ site is presented in following table

Table 114: Present Land-use of Proposed EZ Site

SL No	Name of Mouza	Total land (Acre)	Type of Land categories (acre)					
			Kanda	Nama	Viti	Kashiyan	Bamboo Bushes	River
1	Jotherthopur	262.16	132	130.16	0	0	0	0
2	Mothurabari	0.21	0	0	0.21	0	0	0
3	Dakkhin Kuturia	0.29	0.06	0	0	0	0.23	0
4	Char Pakkhimari	140	65.75	48.95	0	12.85	0	12.45
	Total	402.66	197.81	179.11	0.21	12.85	0.23	12.45

Source: AC Land Office, Jamalpur Sadar & Sherpur Sadar

12.5.5. Soil Environment

Proposed site lies in the Old Brahmaputra Flood Plain where the soils are mainly loams on the ridges and clays in the basins. From the site visit, it is found that the proposed site area has mixture of sandy, and clayey loam soil. As indicated by Agriculture Department, about half of the proposed area is used for agricultural activity (mostly single crop and double crop). Rest of the area consists of Char Land.

12.5.6. Air Environment

Based on the secondary information and the site reconnaissance survey it was observed that no such big industries, polluting in nature found in adjacent to the site. However, few power plants (like Jamalpur Powerplant, United Power Plant etc.) located within 2-3 Km aerial distance, few brick kilns and the plying traffic from Jamalpur-Sherpur Highway may generate some extent of air pollutant in the area in dry seasons especially. However, it is envisaged that, once the EZ is operational, the cumulative impact of upcoming EZs may create significant air pollution.

To establish the baseline of the study area, ambient air quality monitoring was conducted by Bangladesh Environmental Engineering Training & Lab Services Ltd (BEETLSL), Bangladesh on December 30, 2020 to December 31, 2020. Ambient air (outdoor) quality of the project area was monitored for the parameters of NO_x, SO_x and Suspended Particulate Matter. The monitored results for ambient air quality are furnished in the following table. The detailed report on Ambient Air Quality Monitoring is furnished in the **Annexure 37**.

Table 15: Ambient Air Quality of Project Area

Parameter	Unit	Concentration Present	IFC Standard	Bangladesh Standard	Duration (hours)	Method of Analysis
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²⁶⁴ District Statistics

		(Longitude: 91.412643° Latitude: 22.783037°)	mg/m ³			
SPM	µg/m ³	176	-	200	24Hr	Gravimetric
SO ₂	µg/m ³	34	125	365	24Hr	West-Geake
NO ₂	µg/m ³	45	200 (1Hr)	NYS	24Hr	Jacob and Hochheiser

Source: Primary monitoring conducted by BEETLSL, Bangladesh; NYS: Not Yet Stated

12.5.7. Noise Environment

Based on the secondary information and the site reconnaissance survey it was observed that baseline noise level was quite satisfactory. However, plying traffic on Jamalpur-Sherpur Highway generates noise to some extent.

To establish the baseline condition of noise environment monitoring of noise level was carried out by Bangladesh Environmental Engineering Training & Lab Services Ltd (BEETLSL), Bangladesh on December 30, 2020 to December 31, 2020. Table below represents the results of ambient noise quality of the project area. The detailed report on Ambient Noise Quality Monitoring is furnished in the **Annexure 37**.

Table 16: Ambient Noise Quality of Project Area

Sample Location	Land Use Category	Time	Noise Level (dBA) (LAeq)					
			Day		Night		Day	Night
			Start	End	Start	End		
Jamalpur Economic Zone	Industrial Zone (proposed)	8.00 AM - 3.59 PM	5.00 PM	12.59 AM	67.8	49.9		
Noise level standard:								
Bangladesh ECR - 1997 Standard for		Day Time	Night Time					
Industrial area		75	70					
Commercial		70	60					
Mixed area		60	50					
Residential area		55	45					
World Bank / IFC Standard		Day Time	Night Time					
Industrial area		70	70					
Residential; Intuitional; Educational		55	45					

Source: Primary monitoring conducted by BEETLSL, Bangladesh

12.5.8. Water Environment

Based on the assessment, it is found that the total potable water demand for the proposed EZ would be about 5 MLD.

12.5.8.1. Ground Water

Based on the discussions with officials and local people, it is understood that the groundwater in the region is at a depth of 30-100 feet and is potable in nature. Hence, groundwater can be relied to meet the water demand of the proposed EZ.

To understand the ground water quality of the study area ground water sample was drawn by Bangladesh Environmental Engineering Training & Lab Services Ltd (BEETLSL), Bangladesh on December 30, 2020 for further analysis. Sampling of Ground water has been conducted by following grab sampling method. The analysed result of ground water quality of the project area is furnished in below table. The detailed report on Ground Water Monitoring is furnished in the **Annexure 37**.

Table 17: Ground Water Quality of Project Area

SL No.	Ground Water: Parameters	Concentration Present	Unit	ECR 1997 Standard for Drinking Water	Methods of Analysis
1.	Total Dissolved Solids (TDS)	97	mg/L	1000	APHA22nd EDN.2012 (2540C)
2.	BOD	0.1	mg/L	0.2	APHA22nd EDN.2012 (5210 B)
3.	COD	1.5	mg/L	4	APHA22nd EDN.2012 (5220 B)
4.	Turbidity	2.6	NTU	10	APHA22nd EDN.2012 (2130 B)
5.	Total Coliform (TC)	00	CFU/100ml	0.00	APHA22nd EDN.2012 (9222H)
6.	Fecal Coliform (FC)	00	CFU/100ml	0.00	APHA22nd EDN.2012 (9222B)
7.	Total Iron (Fe)	0.6	mg/L	0.3-1.0	APHA22nd EDN.2012 (3500- Fe)

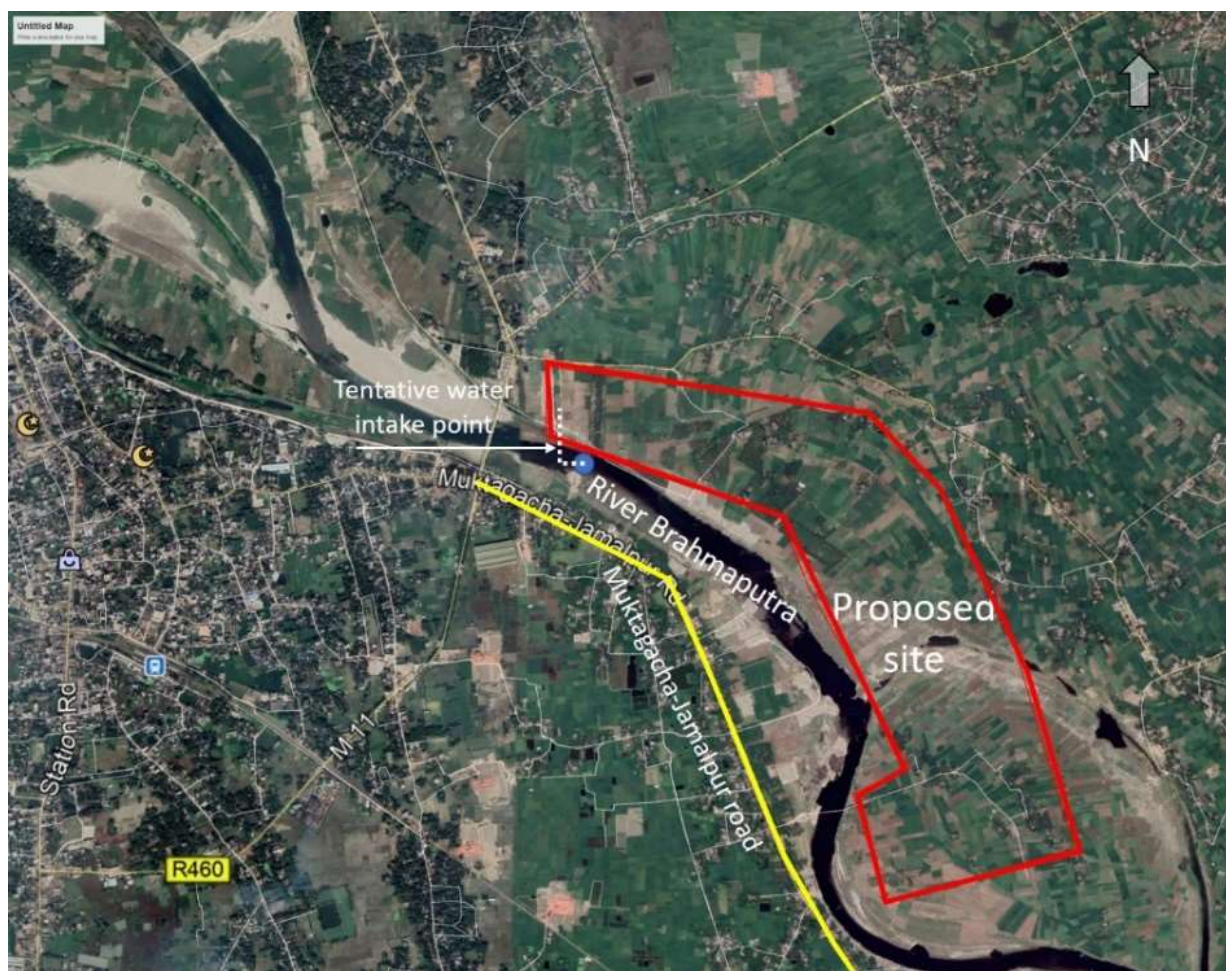
Source: Primary monitoring conducted by BEETLSL, Bangladesh

12.5.8.2. Surface Water & Drainage

River Old Brahmaputra is passing adjacent to the proposed site towards western and southern side. Based on the discussions with the UNO officials, it is understood that this river is perennial in nature and can be relied on to meet the water demand of the proposed EZ.

As indicated by locals and institutional stakeholders, due to the presence of a river adjoining to the proposed area, the level of flooded water depth in the site area ranges between 4-6 feet roughly in the monsoon months. However, the proposed area remains entirely dry during non-monsoon seasons. Reduced river depth (> 3 m) is observed in the driest season. Details regarding the external water supply system has been provided in the figure below.

Figure 86: Details of external water supply system



Source: MACE analysis

To understand the surface water quality of the study area surface water sample was drawn by Bangladesh Environmental Engineering Training & Lab Services Ltd (BEETLSL), Bangladesh from from the waterbody (old Brahmaputra River) adjacent to the proposed EZ on December 30, 2020 for further analysis. Sampling of surface water has been conducted by following grab sampling method. The analysed result of surface water quality of the project area is furnished in below table. The detailed report on Surface Water Monitoring is furnished in the **Annexure 37**.

Table 17: Surface Water Quality of Project Area

SL No.	Surface Water: Parameters	Concentration on Present	Unit	ECR 1997 Standard for Surface Water	Methods of Analysis
1.	pH	7.6	-	6-9	APHA 22nd EDN.2012 (4500H+B)
2.	Electrical Conductivity (EC)	135	µS/cm	1200	APHA22nd EDN.2012 (2510 B)
3.	Total Dissolved Solids (TDS)	68	mg/L	2100	APHA 22nd EDN.2012 (2540C)
4.	BOD ₅	25.8	mg/L	50	APHA 22nd EDN.2012 (5210 B)
5.	COD	37.9	mg/L	200	APHA 22nd EDN.2012 (5220 B)
6.	Chloride (Cl ⁻)	27	mg/L	600	APHA22nd EDN.2012 (4500 Cl-)

Source: Primary monitoring conducted by BEETLSL, Bangladesh

12.5.9. Biological Environment

12.5.9.1. Protected Area/Ecologically Critical Area (ECA)

Under the Environmental Conservation Act, ecologically sensitive and precious areas are designated as Ecologically Critical Area (ECA) by Department of Environment in Bangladesh in cases where an ecosystem or biodiversity area is considered to be threatened to reach to a critical state. On the other hand, protected areas such as national parks and protected forests are designated by Department of Forest under the Wildlife (Conservation and Security) Act, 2012 and Forest Act respectively. There is no protected area or ECA located within the study area of 10Km radius from proposed site boundary. The maps of Bangladesh showing location of ECAs and protected areas distributed across the country is furnished in following figures.

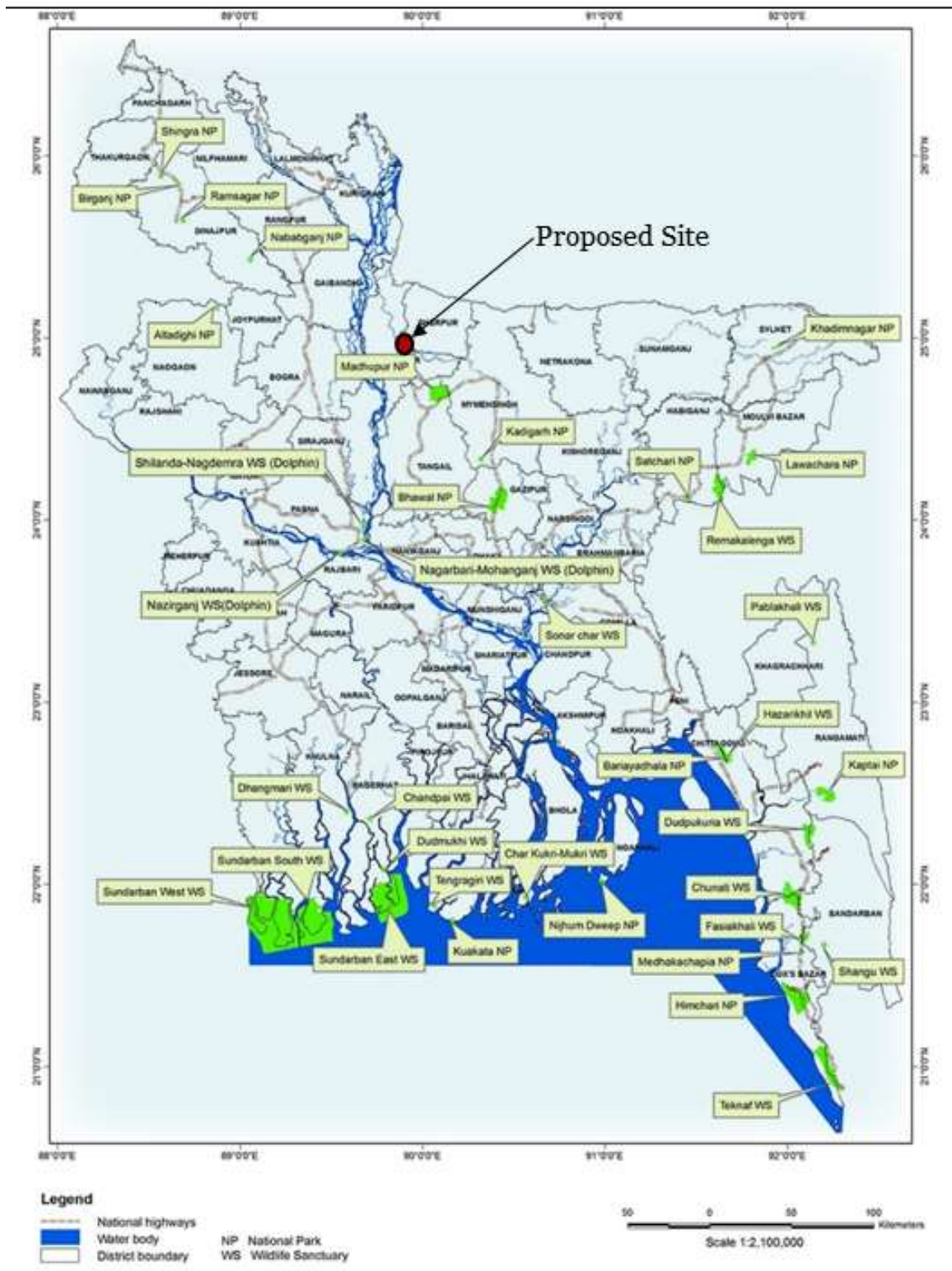
Figure 87: Ecologically Critical Areas of Bangladesh²⁶⁵



Source: Secondary research

²⁶⁵ <http://www.doe-bd.org/cwbmp/>

Figure 88: Protected Areas of Bangladesh

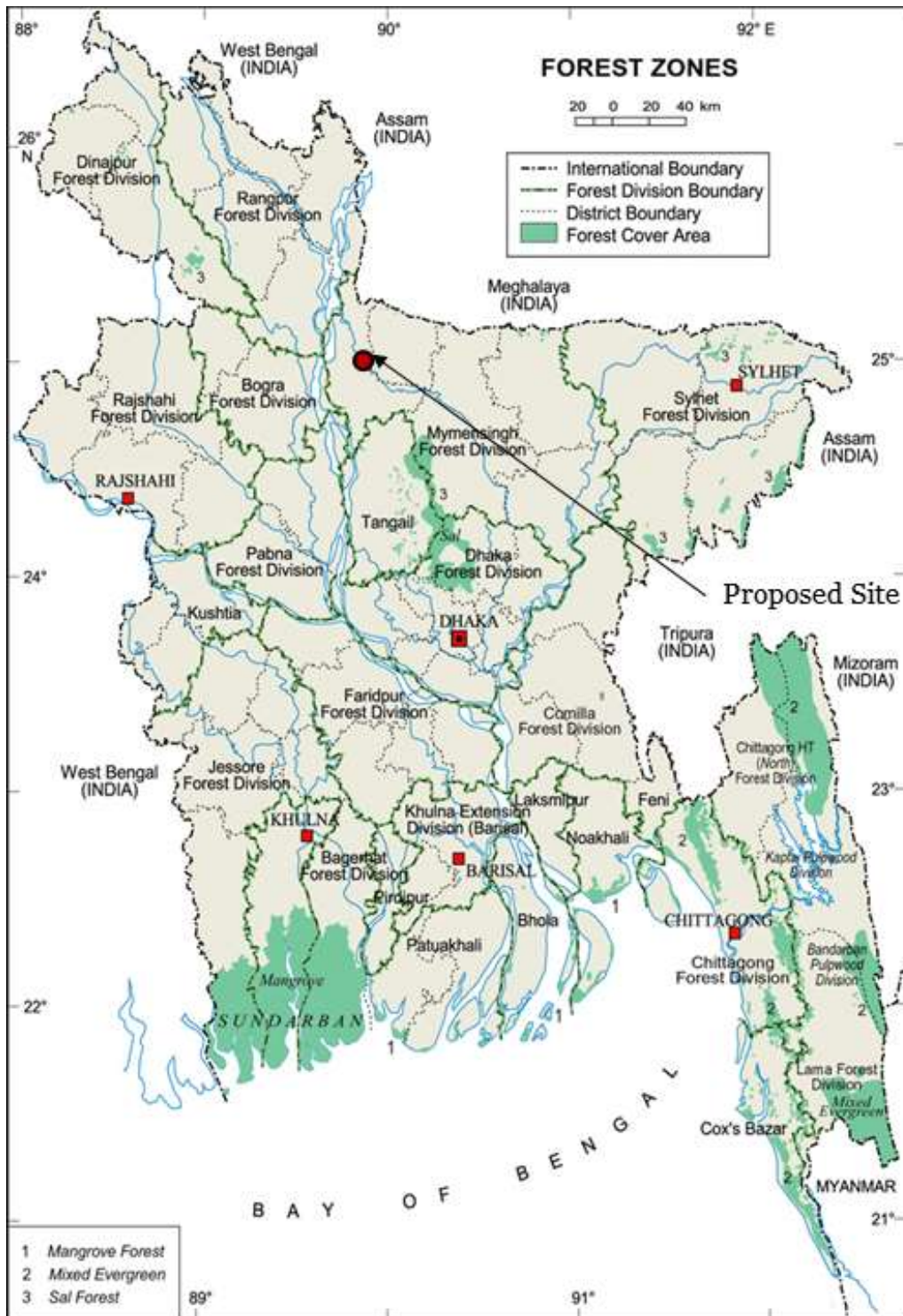


Source: Forest Department of Bangladesh

12.5.9.2. Forest Area/Vegetation Cover

There is no forest land within proposed area. No important habitats/Ecologically Critical Area (ECA)/forest etc. located within the site or vicinity. Sporadic vegetation cover on the proposed site is observed. The forest map of Bangladesh is furnished in below figure.

Figure 89: Forest Areas of Bangladesh



Source: Prime Minister's Office Library, Dhaka

Flora & Fauna

There is no forest area within the study area. from the site. There is also no presence of any eco-fragile zone/protected area/Ramsar site or any other ecologically important wetland/nesting-breeding ground. There is no record of any rare/endemic species or sighting of migratory species from the proposed project site and study area. Information pertaining to ecological resources were collected from Upazila Officers and Local community. The flora and fauna recorded from study area is presented in below section.

Flora

The common varieties of trees that are found in the project area are mango (*Mangifera indica*), jackfruit (*Artocarpus heterophyllus*), jambura (*Citrus decumana*), guava (*Psidium guajava*), papaya (*Carica papaya*), wood apple, or bel (*Aegle marmelos*), ata (*Anona squamosa*), boroï or kul (*Zizyphus mauritiana*), kamranga (*Averrho karambola*), blackberry (*Syzygium cumini*), labu (*Citrus carantifolia*), kodbel (*Limonia acidissima*), khejur (*Phoenix sylvestris*), betel nut (*Areca catechu*), coconut (*Cocos nucifera*), tal (*Borassus flabellifer*), mandar (*Erythrina variegata*), badi (*Lannea grandis*), hijol (*Barringtonia acutangula*), kadam (*Anthocephalus cadamba*), neem (*Azadirachta indica*), pitraj (*Aphanamixis polystachia*), gab (*Diospyros precatorius*), jalpai (*Elaeocarpus tectoris*), jarul (*Legerastroemia speciosa*), bakul (*Mimusops elengi*), mendi (*Lawsonia inermis*), gamar (*Gmelina arborea*), mitinga bans or bamboo (*Bambusa bambos*) and bora bans (*Bambusa balcooa*), sissu (*Dalbergia sissoo*), Shimul (*Bombax ceiba*), polash (*Butea monosperna*), katbadam (*Terminalia catappa*) etc.

Fauna

Beside domesticated mammals like cow, buffalo, goat, dog, cat etc., the recorded mammalian species from the project and its surrounding are chika (*Suncus murinus*), rat (*Bandicota bengalensis*), ground rat (*Mus booduga*), mouse (*Mus musculus*), sjaru (*Atherurus macrourus*), squirrel (*Petaurista magnificus*), Katbiral (*Collosciurus pygerythrus*), jackal (*Canis aureus*), fox (*Vulpes bengalensis*), bat (*Rousettus leschenaulti*), Indian pipistrelle (*Pipistrellus coromandra*), bengal mongoose or benji (*Herpestes auropunctatus*) etc.

Commonly found bird's species in the project area are bulbuli (*Picnonotus cafer*), sparrow (*Passer domesticus*), crow (*Corvus splendens*), vat shalik (*Acridotheres tristis*), kali pencha (*Glaucidium radiatum*), bhuban chil (*Milvus migrans*), punkaor (*Phalacrocorac niger*), korchey bok (*Ardeola grajii*), dove or tila ghugu (*Streptopelia chinensis*), horial (*Treron phoenicoptera*), tia (*Psillacula krameri*), pigeon (*Columba sp.p.*), cuckoo (*Cuculus micropterus*), laxmi pencha (*Tyto alba*), kingfisher (*Alcedo atthis*), little kingfisher (*Alcedo atthis*), katthokra (*Picus myrmecophoneus*), jhuti shalik (*Acridotheres fuscus*), tuntuni (*Orthotomus sutorius*), magpie robin (*Copsychus saularis*), mautushi (*Nectarinia zeylonica*), babui (*Ploceus philippinus*), tila munia (*Lonchura punctulata*), khonjan (*Motacilla cinerea*), Indian tree pipit (*Anthus hodgsoni*), booted warbler (*Hippolais caligata*), lalbok chotok (*Muscicapa parva*) etc.

Among herpetofauna snakes are fairly common. different species of snakes are dhora shap (*Xenocirrophis piscator*), meteshap (*Micropisthodon plumbicolor*) and painashap (*Enhydris enhydris*). The most poisonous snakes are variety of cobras. They are shankhini shap (*Bungarus caeruleus*) and jatshap (*Naja kaouthia*). Reptiles also include gui shap (*Varanus salvator*), hungui shap (*Varanus flaviscens*), kori kaitla (*Kachuga tecta*), dhum kasim (*Trionyx hurum*), tiktiki (*Hemidactylus brooki*), shanda (*Gekko gecko*), etc.

Fishes recorded from ponds, rivers, creeks, beels etc. are ruhi (*Labeo rohita*), mrigel (*Cirrhinus mrigala*), kalbous (*Labeo calbasu*), katla or carp (*Catla catla*), shoal fish (*Channa striatus*), scorpion-fish or singi (*Heteropneustes fossilis*), boal/sheat fish (*Wallago attu*), dhain, chital (*Notopterus chitala*), ghona, airh (*Mystus aor*), bagair (*Bagarius yarrellii*), pangas (*Pangasius pangasius*), boal (*Wallago Attu*), rita (*Rita rita*), bain or eel (*Mastacembelus armatus*), chapila (*Gudusia chapra*), bhagna (*Labeo boga*), golsha (*Mystus bleekeri*), tengra (*Mystus vittatus*), chanda (*Mene muculata*), tekchanda (*Gerres argyreus*), kachki (*Corica soborna*), baila (*Glossogobius giuris*), bheda (*Nandus nandus*), batashi (*Pseudotropius atnerinoides*), kakila (*Strogylura strogylura*), phali or flat fish (*Notopterus notopterus*), tatkeni (*Crosscheilus latius*), pabda or butter fish (*Ompok pabda*), chela (*Chela cachius*), kholisha (*Colisa fasciatus*), puti (*Barbus puntius*), sharputi (*Puntius sarana*), taki (*Channa punctatus*), walking fish (*Ophicephalus striatus*) etc.

12.5.10. Social Environment

For the development of this Economic Zone, BEZA requires around 402.66 acres of land. The proposed land parcel is spread across 4 Mouzas i.e. Jotherthopur, Mothurabari, Dakkhin Kuturia under Jamalpur Sadar Upazial and Char Pakkhimari under Sherpur Sadar Upazila. These lands constitute of khas/government land and private land.

Under Char Pakkhimari mouza at Sherpur sadar Upazila, the 140 acres of land already transferred in name of BEZA is not continuous. There are pockets of private land in between that land parcel. The majority of the 140-acre land parcel transferred to BEZA are in the southern portion of the EZ adjacent to old Brahmaputra River. Based on consultation with local land office and general public, if the 140-acre land parcel is to be made continuous and connected to Jamalpur EZ, estimated 25.75 acres of private land is to be acquired. There are 61 homestead structures in the proposed land for Sherpur EZ. Among them 47 homestead structures are on private land and the rest are squatters in government land.

In Jamalpur EZ, 197.72 acres of land is already transferred to BEZA. Local AC land office has proposed the acquisition of another 64.94 acres of private land. The 64.94 acres of private land parcel is located adjacent to the south eastern boundary and north western boundary of the proposed EZ. This 64.94 acres of land is spread across three mouzas viz. a) Jothartopur – 64.44 acres (located in the south eastern and north western boundary of the EZ), b) Mathurabari – 0.21 acre land (Southern side of the Brahmaputra river), c) Dakkhin Kuturia 0.29 acres – (Southern side of the Brahmaputra River). Based on the field visit, 82 affected homestead structures were identified. Among them, estimated 40 homesteads are on private land in Jothartopur Mauza.

Apart from the households residing on the parcel of land, there are approximately 220 households who depend on the parcel of land for their economic survival. These households are situated outside the proposed EZ boundary but are dependent on the said land for farming. These households will face economic loss derived from cultivation on this land parcel due to the development of the proposed EZ.

Thus, the proposed project will result in physical displacement of the titleholders and non-titleholder households residing within the project site, loss of livelihood due to loss of lands used for agricultural cultivation. This requires the development of a comprehensive Resettlement Action Plan for the affected people after conducting a detailed social impact assessment.

The proposed site boundary superimposed on Mouza Map and affected details of Plots are furnished in **Annexure 19 and 36** in this report.

12.5.11. Demography

Jamalpur Sadar Upazila is 1 of 7 upazilas in its district and is the largest Upazila in its district both in terms of population and area. Sherpur Sadar Upazila 1 of Upazilas in its district and is also is the largest Upazila in its district both in terms of population and area. They are spread over 508.80 and 372.89 sq. km respectively. As per Housing and Population Census 2011, Jamalpur district has a population of 22,92,674 and Jamalpur Sadar Upazila has a population of 6,15,072, while Sherpur district has a population of 13,58,325 and Sherpur Sadar Upazila of 4,97,179.

Both Upazilas are largely rural, with less than majority of the population literate and an average household size of approximately 4. Literacy rates for Jamalpur Sadar are higher (47% total) than that of Sherpur Sadar (36.7%) and male literacy is roughly 5% higher in both Upazilas. The sex ratio differs and is 96 and 101 respectively. Both Upazilas are predominantly Muslim. The demographic details of the both Upazilas is given in the table below.

High poverty and low-income levels are indicated by the housing structure: approximately 83.2% of houses are kutcha houses or jhupris and only 53.8% of houses have sanitary toilet facilities with water seals in Jamalpur Sadar while approximately 87.1% of houses are kutcha houses or jhupris and only 41.7 % of houses have sanitary toilet facilities with water seals in Sherpur Sadar.

12.5.12. Social Infrastructure

An important predecessor for establishing of industries in a region is the type of social infrastructure that is present in the region. Quality of educational institutes determine the availability of skilled local manpower; quality of residential and medical facilities determine whether skilled manpower can be brought in from outside

to work at a particular place or not. With the growth in economy, quality of lifestyle has become an important determining factor which can influence investment decisions for a particular place. The following social infrastructure is present at the Upazila level.

Table 115: Social Infrastructure

Social Infrastructure at Upazila level	Jamalpur Sadar	Sherpur Sadar
Educational Infrastructure		
Government primary school (class I-V)	166	119
Registered primary school (class I-V)	60	68
Kindergarten school (pre schooling)	26	71
NGO school	53	122
Government secondary school	3	2
Non-government secondary school	101	54
School & college (operating jointly)	2	-
Government college	2	2
Nongovernment college	11	7
Madrasah	11	27
Technical and vocational institution	4	2
Number of university (public or private)	1	-
Health Infrastructure		
Upazila Government health complex	1	1
Private hospital/clinic	20	8
Diagnostic centre	51	19
Religious Infrastructure		
Mosques	985	807
Eid-Gah	144	31
Temples	42	26
Churches	7	6

Source: District Statistics 2011

Source of drinking water:

Jamalpur Sadar: 96.1 % general household get the facility of drinking water from tube-well, 1.0% from tap and the remaining 2.9% from other sources.

Sherpur Sadar Upazila: 95.9% general household get the facility of drinking water from tube-well, 1.1% from tap and the remaining 3.0% from other sources.

Electrification:

Jamalpur Sadar: All the 15 unions have brought under the Rural Electrification Program. However, a total of 50.0% general household have electricity connection in the entire upazila in 2011 as against 28.7% in 2001. Sherpur Sadar Upazila: All the 14 unions have brought under the Rural Electrification Program. However, a total of 46.3% general household have electricity connection in the entire upazila in 2011 as against 18.8% in 2001.

12.5.13. Livelihood and Economy

As per the district statistics 2011, both Jamalpur District and Sherpur District are predominantly agricultural with approximately 60% of the holdings in each district being farms. In Jamalpur the main crops cultivated include HYV rice, wheat, vegetables, spices, cash crops, pulses, oilseeds, maize, etc. and the main fruits grown include fruits like banana, jackfruits, guava, coconut, etc. Similarly, in Sherpur the main crops cultivated are HYV rice,

wheat, jute, mustard, potato, pulses, different kinds of vegetables, tobacco, etc. while the main fruits grown are fruits like banana, mango, black berry, coconut, betel nut, date, jackfruit, palm, jambura, bel, papaya, boro, kamranga, ataphal etc.

Apart from crops, livestock, forestry and fishery are the main sources of household income in Jamalpur and livestock and fishery are the main source of household income in Sherpur. In both districts, fish are caught from rivers, tributary channels and creeks. In Jamalpur this includes paddy fields. Popular fish varieties in Jamalpur include ruhi, katla, mrigel, kalibous, airh, ghania, shoel, boal, gulsha, koy, shing, magur, etc. while sherpur has popular fresh water fish like ruhi, catla, mrigel, kalbaus, chital, boal, airh, pangas, gazar, shoul, pabda, koi, shing, phali, bele, tengra etc., as well as recently introduced exotic fish such as tilapia, nilotica, silver carp, grass carp etc.

In Jamalpur, non-farm holdings largely depend on non-agricultural activities and the establishments are engaged in Wholesale and retail trade, Manufacturing, Community, social and personal services, Education, and Transport, storage and communication (in order of persons engaged). Similarly, non-farm activities in Sherpur include Wholesale & retail trade, Manufacturing, Community, social and personal services, Education, and Hotels and restaurants.

As indicated by Agriculture Department, about half of the proposed area is used for agricultural activity (mostly single crop and double crop). Rest of the area consists of Char Land. PAFs are largely engaged in agriculture and petty business.

12.6. Impact assessment and proposed mitigation

The environmental impacts assessment was carried out considering present environmental setting of the project area and nature and extent of the proposed activities. The proposed project involves development of EZ and off-site facilities for upcoming EZ. Potential environmental impacts associated with EZ and proposed off-site facility are classified as:

- Impacts during design/preconstruction phase
- Impacts during construction phase and
- Impacts during operation phase.

At pre-feasibility stage, based on the nature of upcoming industries, the likely impact on surrounding environment have been covered in the report. However, the detailed analysis of specific impacts on basis of scale and magnitude of the individual industry should be carried out at later phase of design along with more specific mitigation measures. During the study Sensitive environmental components were identified during the site visits and qualitative and quantitative techniques have been applied for direct and indirect assessment of impacts on these components. Table below provides the classification of environmental components.

Table 116: Classification of Social and Environmental Components

Components	Sub-component	Parameters
PHYSICAL		
Water	Surface Water and Ground Water	Hydrology, Water Quality
Air	Air	Air Quality
Noise	Noise	Noise Level
Land	Soil	Erosion, Soil Quality
ECOLOGICAL		
Aquatic	Fisheries/Aquatic Species and Aquatic Ecosystem	Species, diversity, economic value, density and species
Terrestrial	Vegetation, Wild life	Species and Population
INFRASTRUCTURE		
Water Supply	Surface/ground water	Frequency, quality
Electricity	—	Generation, Transmission, requirement

Components	Sub-component	Parameters
Transport	Highways/Roads/Rail	Access, availability, type, utility of each mode
Land Use		—
Drainage	Air, Water	Flooding, drainage

12.6.1. Impact Identification

During the site visit, various environmental sensitive features were identified which may potentially be impacted by the project at various stages. Identified impacts of the project activities on the environment components are given below along with the associated activities.

Table 117: Impact Matrix for Proposed Off-site Infrastructure

S. No.	Activities	Impacts	Negative Impact		Positive Impact		Not Applicable
			Short Term	Long Term	Short Term	Long Term	
A	Pre-Construction Phase						
i	Land Acquisition for site, access road and utility supply system	Change in land use pattern		√			
		Impact on livelihood		√			
		Shifting of Utilities	√				
ii	Site Preparation	Removal of Vegetation.		√			
		Impact on aesthetic aspects		√			
		Impact on ecosystem		√			
B	Construction Phase						
i	Development of EZ and Construction of Boundary wall, embankment, Access Road, electrical & water supply system and administration building	Loss of Topsoil		√			
		Soil contamination due to spillage of material	√				
		Surface water contamination	√				
		Air pollution	√				
		Noise pollution	√				
		Increase in traffic	√				
		Un pleasant view	√				
		Impact on Health & safety	√				
		Social impact	√			√	
Removal of Trees	√						
C	Operational Phase						
i	Development of Off-site Infrastructure, i.e. Boundary wall, embankment, access road, water supply system, electrical supply line and administration building and operation of industries	Impact on the ambient Air Quality		√			
		Noise Pollution		√			
		Potential surface water pollution due to industrial waste discharge		√			
		Impact on river hydrology due to construction of long embankment along the river		√			
		Economic Development				√	
		Accessibility				√	
		Groundwater abstraction		√			
		Potential for land contamination due to industrial activities		√			
		Increased Run-off		√			

S. No.	Activities	Impacts	Negative Impact		Positive Impact		Not Applicable
			Short Term	Long Term	Short Term	Long Term	
		Generation of Employment				√	
		Natural drainage pattern		√			

12.6.2. Impact on Climate and Meteorology

12.6.2.1. Pre-Construction, Construction and Operation Phase

Proposed project site is located in tropical region where summers are much rainier than winter. Though no change in the macro-climatic setting (precipitation, temperature and wind) is envisaged due to the project, the microclimate is likely to be temporarily modified by vegetation removal, the addition of increased pavement surface and industrial operation which in turn might lead to rise of temperature especially during the daytime.

Mitigation Measures

- 10.36 % (42 acres) Greenery/Open Space inside the EZ has been recommended in the masterplan
- Plantation shall be carried out at suitable location to minimize impact on micrometeorology

12.6.3. Impact on Land and Natural Drainage

12.6.3.1. Pre-Construction and Construction Phase

From the site visit it is observed that the site is 8-10 feet below existing approach road. Also, there are low lying areas and water logging area with channels within the site. It is found that the site needs to be filled for a depth of about 3 m (10 feet) on an average and the total estimated site filling quantity is about 4888521 cum. Dredged sand from River Brahmaputra is suggested as a source for site filling. The impacts on land due to the project are as follows:

- Dredging and landfilling activity
- Soil erosion due to vegetation clearance and excavation activities
- Topsoil degradation
- Generation of waste (hazardous and non-hazardous) from site clearance, excavations, civil works and activities of construction workers (general waste and sewage)
- Possible contamination of soil due to potential spills of lubricating oil, fuel oil, concrete etc.
- There could be alteration with the natural water flow pattern of the subject site due alteration of the natural contours. It may create problem pertaining to water logging, soil erosion, contamination of soil

12.6.3.1.1. Soil Erosion

During the pre-construction and construction phase, the site clearance activities including clearing of vegetation, construction of the structures, labor camps, storage area, toilets will involve removal of top soil which will result in slope destabilization and the land will be more susceptible to soil erosion.

The soil erosion will result in the run-off of the silt to surface water affecting nearby aquatic ecosystem with increased suspended sediment load and associated nutrients.

Most importantly after landfilling, if the land is kept for long without further development, it leads to soil erosion due to loose top soil.

12.6.3.1.2. Soil Compaction

During construction activities, there will be compaction of soil in the project area due to construction of the internal access roads, movement of vehicles/ construction machinery and work force movement. The soil compaction would impact the soil physical properties such as reduction in pore spaces, water infiltration rate and soil strength etc. The extent of soil compaction is primarily limited to the Project foot print area and surroundings within 100 m distance. The impact is restricted to the construction phase of the project.

12.6.3.1.3. Landfilling with dredged material

Based on the study of contour, it is found that the site needs to be filled for a depth of about 3 m (10 ft) on an average and the total estimated site filling quantity is about 4888521 cum. Dredged sand from River Brahmaputra is suggested as a source for site filling.

In case the soil quality at dumping site is different from the sediment from the dredging sites, the ultimate soil quality of the disposal site can be affected. The soil used for landfilling should be free of any type of contamination and have similar characteristics as that of native soil to avoid impacts on the soil quality.

12.6.3.1.4. Waste Generation

The construction waste generated onsite comprises of materials such as excavated soil, rocks, concrete, wooden pallets, steel cuttings/filings, packaging paper or plastic, wood, metals etc. Municipal domestic wastes consisting of food waste, plastic, glass, aluminum cans and waste paper will also be generated by the construction workforce and labor camp site.

The waste generated during the construction phase will also include hazardous waste such as used oil, hydraulic fluids, waste fuel, grease and waste oil containing rags. If improperly managed, solid waste could create impacts not only to land but also to local air quality, water quality, and human health. Since the site will be raised about 3 m from present level, it is likely that the surface run off from site area will be drawn to the nearby surface water system. If the wastes and raw materials are poorly managed, it will also be carried away by surface run off which will ultimately contaminate the aquatic system.

12.6.3.1.5. Soil Contamination

Soil contamination during the construction phase may result from filling activity, leaks and spills of oil, lubricants, or fuel from heavy equipment and wastewater. Such spills could have a long-term impact on soil quality but are expected to be localized in nature. Storm water run-off from the contaminated area can pollute the downstream soil and water quality of adjacent river, other waterbodies.

Spill control measures such as the storage and handling of chemicals and fuel in concrete areas with secondary containment will be implemented to minimize impacts in the event of a spill.

The soil characteristics of the native soil may also be changed due to import of soil for filling and levelling purpose. It is envisaged that the filling activity may impact the native soil due to spillages during transportation of soil and run-off during filling and compaction.

Apart from the embedded controls to be included in project design, the following mitigation measures will reduce the negative impacts on soil environment:

Mitigation Measures

- Top soil should be preserved and should be reused in borrow area or green area development
- Stripping of topsoil should be scheduled as the last mile activity (maintain vegetation cover for as long as possible) in order to prevent the erosion (wind and water) of soil;
- Care should be taken to minimize percolation of soil used for filling to adjacent rivers during filling operations. Proper embankment should be provided in the downstream areas to minimize soil percolation to river.

- Vegetation should be planned and maintained for slope stabilization and to prevent soil erosion after construction period;
- The disturbed areas and soil stockpiles should be maintained moist to avoid wind erosion of soil;
- The routes for movement of heavy machinery should be designated to avoid the soil compaction in other areas;
- Transport vehicles and equipment should undergo regular maintenance to avoid any oil leakages; designate routes for bringing construction material and outside soil;
- Construction contractor should designate the sites to be used for storage of hazardous wastes including waste oils, solvents, paint and batteries;
- The Contractor should ensure that no unauthorized dumping of hazardous waste is undertaken, and contractor should dispose of hazardous waste through licensed traders;
- Fuel and other hazardous substances should be stored in areas provided with roof, impervious flooring and bund/containment wall;
- The soil used for landfilling should have similar characteristics to the native soil and free of any type of contamination.
- Necessary permission has to be obtained from Bangladesh Inland Water Transport Authority (BIWTA) authorities for dredging of sand from the river for site filling
- Prior to dredging activity, analyze the soil sample to prevent impacts on the receiving environment as a result of mismatch in soil characteristics;
- During dredging activity, physical barriers such as silt screen/ curtains should be employed to prevent the spread of suspended sediments;
- The storm water drainage system shall be designed in synchronization with the existing natural drainage pattern. The direction of the flow shall be engineered to be same as that of the natural flow direction of rainwater;
- The construction debris and high silt content of the virgin soil, post excavation, should be kept in a designated location so as to prevent leaching during monsoons. Storm water drains shall be designed and shall be connected with rainwater harvesting pits. All the construction wastes and excavated soil shall be temporarily stacked on tarpaulin sheet (in order to prevent leaching to groundwater) and a temporary tin sheet shall be placed on the top to prevent rainwater to maximum extent to carry the soil and construction wastes to the adjacent aquatic system
- To demonstrate the commitment towards better environment, 10.36 % (41.71 acres) Greenery/Open Space inside the EZ has been designated for green and open spaces. The green area shall be declared as the green zone of the EZ
- Based on the site gradient, the drainage pattern has been decided. It has been planned to discharge the flow of the internal drain into nearby highway drain to be developed.
 - The drainage system is planned to cater for the entire EZ through gravity flow
 - Drains are proposed to be provided on both sides of the roads
 - Open trapezoidal drain is considered for the surface run off collection due to easy maintenance for the primary road. Stone pitching is considered for the side walls and PCC for the base
 - Covered rectangular brick masonry drain is considered for the remaining areas for optimization of area under drainage

- RCC box / pipe culverts of suitable sizes are considered for road crossings
- Rainwater harvesting structures are envisaged all along the drain at every 100 m interval

12.6.3.2. Operation Phase

12.6.3.2.1. Impact on Soil Quality

After development of economic zone, disposal of industrial, domestic and process waste may contaminate land and soil quality of the area. The impact can be significant and long term in case of uncontrolled discharges. Improper disposal of waste (hazardous and non-hazardous waste) may degrade soil, water, air quality and ecology of the area. As per the preliminary planning Food & Beverages, Argo-based Industries, Leather and Leather products, Electrical and Electronics, Pharmaceuticals, Chemicals are envisaged for this EZ. These industries are anticipated to be polluting to some extent and hence discharge of the generated sludge, effluent and solid waste shall be done in a disciplined manner. The nature of waste likely to be generated in the EZ are described in the subsequent section.

12.6.3.2.2. Waste Generation

Type of waste likely to be generated from the proposed EZ has been furnished in below table.

Table 118: Waste Generation from various industries

Industry Type	Nature of Waste
Food & Beverage Sector Fish and Shrimp Processing, Salt Processing, Fast Moving Consumer Goods (FMCG) like cake, biscuit, bread etc.	Effluent generated from industrial operations contains high concentration of organic and inorganic substance causing significant polluting phenomena. The wastewater are characterized by high BOD, Suspended Solids and oil concentrations as well as emitting smells from acidification.
Agro-based: Jute processing units, flour mills, rice mills, sugar mills, tobacco processing	Agro-based waste, packaging material from food processing industries etc. are other source of solid waste. Effluent containing organic and inorganic substance may cause significant pollution if properly not managed. Effluent of Sugar Mill may contain high level of Electrical Conductivity which is likely having harmful impact to living organisms of the ecosystem.
Leather and Leather Products Finished leather goods	Finished leather products industries, though less polluting, also use chemical adhesives and tanning chemicals. Examples of some of these chemicals include Chlorinated phenols, tribromophenol, chlorinated paraffins, dimethyl fumarate etc. which are used to preserve the materials. These chemicals are easily leaked into the environment through the discharge from the factories
Electrical and Electronic Sector Consumer durables such as TV, Refrigerator, Air Conditioners, Computer parts, Smartphones and other household appliances	Effluent from electronic/electrical industry, light machinery, Equipment & Furniture and accessories may contain heavy metals, paint residue etc.

Source: PwC Analysis

Beside the abovementioned, common type of waste like Process dry sludge, ETP sludge, e-wastes, scrap batteries, domestic dry sludge, used oil, etc. are likely to be generated from the industries proposed. All these wastes shall be segregated depending upon the source of its generation. Sludge generated from STP shall be dried using a filter-press and the dried sludge could be used as manure. There are authorized vendor for recycling e-waste in

Bangladesh. These vendors are responsible for collecting the e-waste. General practice followed in Bangladesh regarding the process waste is storage in a dedicated room. As the country doesn't have a concrete rules and regulations guiding the process waste disposal, practice to design and execute a localized landfill unit could be helpful. Like construction phase, the waste generated during operation will also include hazardous waste such as organic/inorganic residue, used oil, scrap batteries, waste fuel, grease, waste oil containing rags etc. If improperly managed, waste could pollute not only to land but also to local air quality, water quality, human health and the ecosystem.

The estimation of solid waste to be generated have been presented in subsequent sections.

Table 119: Estimation of Solid waste generation

Land use pattern	acres	Population	Msw generation	Unit	Kg/day
Processing area					
Industrial plots	268.56	13591	200	gm/capita/day	2718.20
Utility	18.32	100	100	gm/capita/day	10.00
Road	60.27		10.12	kg/ha/day	246.95
Green & open space	41.71		30.36	kg/ha/day	512.67
Total processing zone	388.87	13691			3487.82
Public & support amenity	12.31	1000	100	gm/capita/day	100.00
Road	1.48	0	10.12	kg/ha/day	6.07
Total Non-processing area	13.79	1000			106.07
Total	402.66	14691			3593.89
Total solid waste generation in TPD					~4

Source: MACE Analysis

Mitigation Measures

- Provision shall be made for proper storage and disposal of industrial waste by respective industries.
- Special care must be taken by all the industries to avoid any kind of accidental contamination which could be a threat to the surrounding aquatic ecosystem
- Provisions shall be made to segregate e-waste with rest of the wastes generated.
- Alliance shall be done with e-waste recycling vendor and the segregated e-waste shall be send to the vendor for recycling purposes
- ETP shall be mandatory for all the industries. Every unit shall have its own ETP unit.
- Based on estimated quantity of sewage and effluent, ETP has been proposed respectively.
- A Common waste storage area shall be designated for industrial domestic waste.
- Waste should be segregated at source into hazardous and non-hazardous waste. Further the waste should be segregated into Biodegradable, recyclable and rejected waste. Recyclable waste should be sent to licensed traders for recycling and rejected waste should be disposed as per the best industrial practice for particular waste.
- From the above only bio-degradable waste can be treated in the SW treatment facility; The rate of MSW generation in the initial stages will be less than the estimated quantity and hence during the initial stage, the MSW generation rate can be considered as 50% of the estimated quantity; The entire MSW is planned to be collected and treated in the composting plant within EZ and the rejects shall be disposed to suitable landfill outside the EZ; Suitable area has been earmarked for development of composting plant within EZ to handle the MSW generated.

- Industrial waste generated should be stored on sealed surfaces and should be disposed as per the best industrial practice
- Local environmental bodies shall be consulted for the initiation for the designing and constructing localized landfill for the disposal of process waste.
- No chemical/hazardous raw material should be allowed to spill over the land and should be operated in covered systems
- Excessive packaging should be reduced and recyclable products such as aluminum, glass, and high-density polyethylene (HDPE) should be used where applicable.
- Organic waste should be resold to value addition industries or can be fed to livestock.
- Sludge generated in effluent treatment plant should be sold to authorized recyclers or could be dried into cakes and used as manure for green belt

12.6.4. Impacts due to Dredging

12.6.4.1. Pre-Construction and Construction Phase

The preconstruction and construction phase will involve backfilling of the land to a level of +3 from current level. It is proposed that sand for the backfilling operations will be obtained by dredging from the River Brahmaputra located nearby. The possible physical impacts due to dredging are as follows:

- Resuspension of bottom sediments, thereby increasing turbidity
- Riverbank erosion
- Dispersion from and accumulation into bottom sediment of toxic substances
- Reduced primary productivity due to decrease in the depth of the euphotic zone
- Impact on habitat and breeding/spawning ground of fishes and other aquatic fauna due to bottom disturbances
- Temperature alteration
- Increase in nutrient levels
- If the dredged material is polluted, it may affect the ecosystem, and fisheries activities at both dredging and dumping locations

The extent of impacts due to dredging activity is highly varied and site specific, depending upon a number of factors shown below:

- Method of dredging and disposal
- Channel size and depth
- The size, density and quality of the material
- Background levels of water and sediment quality, suspended sediment and turbidity
- Current direction and speed
- Rate of mixing
- Presence and sensitivity of animal and plant communities (including birds, sensitive benthic communities, fish and shellfish)

Mitigation Measures

- Prior to dredging activity, analyze the soil sample to prevent impacts on the receiving environment as a result of mismatch in soil characteristics;
- During dredging activity, physical barriers such as silt screen/ curtains should be employed to prevent the spread of suspended sediments;
- Maintain the extent of the turbidity plumes close to the dredging and disposal areas to minimize impacts on aquatic fauna habitat;
- Visually inspect for aquatic life and terrestrial organisms and stop dredging activity in case of any organism in the vicinity;

12.6.5. Impact on Air Environment

12.6.5.1. Pre-construction phase

The pre-construction phase will involve site preparation activity for development of EZ, construction of access road and water supply system which will lead to dust generations and other fugitive emissions. But these emissions will be localized and have impact for short duration only during site preparation activity.

Mitigation Measures

To minimize the dust generation, water should be sprinkled regularly at the site and low Sulphur diesel should be used in land levelling equipment to control the SO₂ emissions.

12.6.5.2. Construction Phase

Air quality will be impacted from the following sources during the construction phase:

- Fugitive dust emissions from site clearing, excavation work, cutting and levelling work at sites and access/ internal roads, stacking of soils, handling of construction material, transportation of material, emission due to movements of vehicles, plying of heavy construction machinery etc.;
- Vehicular emissions due to traffic movement on site and on the connecting roads;
- Exhaust emissions (containing PM₁₀, PM_{2.5}, SPM, CO, HC, NO_x, SO₂ etc.) from construction machineries, other heavy equipment as bull dozers, excavators, compactors; and
- Emissions from diesel generator required for emergency power during construction period.

Mitigation Measures

To mitigate the construction impacts, project proponent should have contract agreements with contractors as well as sub-contractors to ensure implementation of mitigation measures.

- Sprinkling of water at construction site and haul roads
- Transportation of Raw materials in covered trucks
- Construction of barricades between the settlements and the site to minimize travel of fugitive emissions towards settlements
- Shrub Plantation (native species) on either side of the approach road to mitigate the fugitive dust emissions
- Construction vehicles and machinery should be regularly serviced and check for pollution control
- Prohibit usage of adulterated fuel in vehicles for running construction equipment and vehicles

- Covering the scaffolding (in case of administration building) to reduce the dust emission in outside environment
- Speed of vehicles on site is recommended to be 10-15 km/hour which will help in minimizing fugitive dust emissions due to vehicular movement

12.6.5.3. Operation Phase

Post development of the EZ & setting up of industries, the impacts on the air quality of the area will be from (a) air emissions from the proposed industries and (b) emissions from increased vehicular movements. The cumulative effect of the industries proposed in the EZ may have negative impact on the air quality of the site and the nearby areas to some extent. Nature of Air emissions due to various industrial operations are furnished in the table below.

Table 120: Emissions from various industries

Industry Type	Nature of Emission
Food & Beverage Sector Fish and Shrimp Processing, Salt Processing, Fast Moving Consumer Goods (FMCG) like cake, biscuit, bread etc.	Air emissions from food processing industry contains some volatile organic compounds but do not contain any hazardous compounds. These industries emit low process-air emissions. Most of the processes uses electrical power and rarely emit harmful compounds to environment. But air emissions from effluent treatment plant of these industries are a major concern. Beside this, Chlorofluorocarbons (CFCs) used as cooling agents in many refrigeration and cooling systems in food and beverage industries are having potential to damage ozone layer of atmosphere. Emission from boiler (if applicable) & DG Stack
Agro-based: Jute processing units, flour mills, rice mills, sugar mills, tobacco processing	Emission from boiler. Main source of air pollution from sugar industry is the bagasse fired boiler. The major pollutants are sulfur dioxide, nitrogen oxide and carbon monoxide. Rice - flour Mills also Generate significant volume of particulate matter
Leather and Leather Products Finished leather goods	No significant emission from finished leather products manufacturing industries are envisaged. Minor fumes due to use of adhesives / gums may generate from such industries
Electrical and Electronic Sector Consumer durables such as TV, Refrigerator, Air Conditioners, Computer parts, Smartphones and other household appliances	Chlorofluorocarbons (CFCs) used manufacturing of refrigerators, freezers, chillers, and air conditioners in electrical and electronic industries are having potential to damage ozone layer of atmosphere. However, use of CFCs in Bangladesh is phased out, hence possibility of emission of such substance can be avoided. Release of VoCs due to painting may also occur.

Source: PwC analysis

Mitigation Measures

- Provision should be made for peripheral green belt all along the EZ boundary and in the buffer zones. For peripheral green belt, the tree species should be selected such that first inside row is of smaller height, middle row of tree is of medium height and last row of tree is of higher height so that green belt formed appears like a cascading canopy.
- Development of thick green belt and organized greens within each industrial plots. Broad-leaved species, which can absorb pollutants, should be planted as they help to settle particulates with their higher surface areas along with thick foliage

- Power Generators should be provided with stacks of adequate height (higher than nearest building) to allow enough dispersion of emission.
- Process emission should be controlled with the installation of adequate air pollution control systems like Venturi scrubbers, wet scrubbers, Electrostatic precipitator, cyclone separator & bag filter etc. as applicable to the individual industry
- All industries should obtain clearance from DoE, Bangladesh as applicable. Air pollution control measures shall be adopted by respective industries in line with DOE permission
- Air pollution monitoring should be carried out to check the air pollution level.
- Preference of usage of clean fuel like LPG, low Sulphur diesel should be explored
- Odor should be managed at the site using odor suppressant and planting fragrant flowering trees.
- Periodic checkups should be conducted for the workers to reduce exposure levels, rotate the shifts of the workers.

12.6.6. Impact on Noise Environment

12.6.6.1. Preconstruction and Construction Phase

Pre-construction phase will involve site clearance activity for development of access road and utilities. The site clearance will involve removal of vegetation and land levelling activities. Operation of different machineries and equipment for construction activities, running of heavy load traffic for construction materials transportation, and regular traffic movement may generate noise during construction period. The heavy equipment, machineries, transportation and earthworks used for the construction activities are the major sources of noise. It is envisaged that there will be an increase in traffic and thereby in traffic noise impacts on the receptors near the approach road from the transportation of equipment, construction materials. The settlements located in the surrounding area proposed site are likely to be exposed to higher level of noise due to construction activity if proper mitigation measures are not taken.

Mitigation Measures

The following mitigation measures should be implemented to minimize potential noise impacts during preconstruction and construction phases:

- Regular maintenance of equipment such as lubricating moving parts, tightening loose parts and replacing worn out components should be conducted;
- Machinery and construction equipment that may be in intermittent use should be shut down or throttled down during idle time;
- Acoustic enclosure should be provided for the DG set;
- Equipment known to generate noise strongly in one direction should be orientated so that the noise is directed away from nearby sensitive receptors as far as practicable;
- Honking should be avoided;
- Construction work should be carried out only during daytime (from 8.00am to 6 pm);
- Machinery to be used should comply with the noise standards prescribed by DoE.
- To deal with noise exposure by construction workers in construction site, pocket guide by OSHA is helpful.
- At individual worker level, the construction contractor should be insisted to provide earmuffs to the workers exposed to high noise levels.

12.6.6.2. Operation Phase

After development of offsite infrastructure and economic zone, the noise levels may rise due to vehicular movement, DG set, pump sets, Boilers, mechanical and industrial operations, Auxiliary activities like operation of water pumps, booster pumps etc. Operations of ventilation units and fans can also add up to the noise generation. From the type of industries proposed in the EZ the major source of noise generation is vehicular movement, machinery operation and use of DG in case of power failure. The following mitigation measures are suggested to mitigate the noise pollution during operation phase.

Mitigation Measures

- Pumps should be fitted in close room, preferably acoustic enclosure to reduce the noise generation
- Green buffer should be developed all along the project boundary and buffer zone. This will help in reducing the noise level significantly.
- Noise regulators must put a strong mandate and fine on vehicle operators which are not properly maintained, produce noise (silencers not proper).
- All industries should obtain clearance from DoE before establishing industrial unit and should comply with all the conditions mentioned in the letter of environment clearance
- All industries should install the new machinery of modern make which complies with the noise standards prescribed by DoE.
- Job rotations should be practiced for workers in working at noise intensive locations to prevent prolonged exposure to high noise level as it may lead to deafness, fatigue, headache, nausea and drowsiness. Propose PPEs must be made compulsory for workers working at locations where the intensity of noise is high.
- Acoustic design with soundproof glass paneling will be provided for critical operator cabins / control rooms of individual modules as well as central control facilities.
- Proper greasing, periodic checkups for frictionless movements.
- Honking should be regulated within the economic zone

12.6.7. Impact on Water Environment

12.6.7.1. Pre-Construction and Construction Phase

12.6.7.1.1. Impact on Surface Water and Groundwater Resource

The assessment suggests that basis industrial assessment and demand forecasting for the proposed EZ, potable water demand for the proposed EZ would be about 5 MLD. Groundwater and River Brahmaputra shall be relied to meet the water demand of the proposed EZ. It is proposed to provide suitable water intake system near the river basin. It is proposed to provide suitable water intake system near the river basin. However, detailed study and hydrogeological investigations need to be carried out to determine the exact intake point and intake system. Hence, it is suggested that the suitable intake system and intake point shall be proposed during detailed engineering stage. Thus, intake of groundwater can be avoided as well.

12.6.7.1.2. Impact on Surface Water and Groundwater Quality

The major source of wastewater generation during construction phase is from the labour camp, which will be established for project construction activity. There is a potential for contamination of surface and groundwater resources resulting from improper management of sewage. The storage of used engine oil and lubricants as waste materials has a potential to create impacts if spillage occurs.

The quality of neighboring water bodies including Brahmaputra River could also be affected due to surface runoff from contaminated soil (soil contamination due to oil/ fuel spillage and leakages), particularly during monsoon

season. The surface runoff carrying the loose topsoil will lead to increased sedimentation in the receiving water bodies. Contamination to water bodies may also result due to oil spilling during construction activities and/or surface runoff from the construction site to the adjacent water body. Thus measures are required to be taken to minimize the surface water pollution.

Mitigation Measures

- Provision should be kept by the contractor for effective spill management plan
- To avoid excavation activities during rains
- To prevent piling up of excavated soil, raw material and construction debris at site by proper management and disposal
- Construction of storm water drains along with sedimentation tanks with sandbags as partition as barrier for direct flow of run off to aquatic system
- Check dams should be provided to prevent construction runoff from the site to the surrounding water bodies.
- Minimize run-off by using sprays for curing
- Construction of adequate nos. of toilets and proper sanitation system for workers to prevent open defecation along the riverbanks/water supply lines
- Construction of soak pits/septic tanks to dispose-off the domestic wastewater generated from labor camps to prevent disposal of sewage in surface water bodies. Alternatively collect labor camp sewage and connect to nearby municipal sewers.
- Proper collection, management and disposal of construction and municipal waste from site to prevent mixing of the waste in run-off and entering the water bodies
- Use of licensed contractors for management and disposal of waste and sludge;
- Laborers should be given training towards proactive use of designated areas/bins for waste disposal and encouraged for use of toilets. Open defecation and random disposal of sewage will be strictly restricted;
- To prevent surface and ground water contamination by oil/grease, leak proof containers shall be used for storage (preferably in paved area) and transportation of oil/grease
- Spill/ leakage clearance plan to be adopted for immediate cleaning of spills and leakages.

12.6.7.2. Operation Phase

To cater the industrial water requirement water from Brahmaputra River will be used. The development of economic zone shall lead to the generation of process and domestic effluent. As discussed in previous section, liquid waste from the proposed industries will be having potentiality to affect the water quality. The direct discharge of the untreated process and domestic effluent waste will lead to impacts in the surface water quality. Also, it is anticipated that surface run-off may significantly increase post development of economic zone which may impact surface water quality. The nature of waste and effluent likely to be generated from various industries are discussed under 'waste generation' section.

The estimation of Effluent and sewage likely to be generated have been presented in subsequent section

Table 121: Effluent quantity estimation

Land use pattern	Total area	Effluent generation	Sewage generation		Sullage generation	Total effluent, sewage and sullage generation	Infiltration @10%	Total sewage quantity
	acres	in cum/day	In %	In cum/day	In cum/day			
Processing area		In Cum/day						
Industrial plots	268.56	4604.70	0.72	145.50	375.22	520.71	67.28	587.99
Utility	18.32		0.72	1.07	2.76	3.83	0.50	4.33
Road	60.27				43.48	43.48	4.83	48.32
Green space	41.71						3.34	3.34
Total processing zone	388.87	4604.70		146.57	421.46	568.03	75.95	643.97
Non-processing area								
Public & support amenity	12.31		0.32	6.28	48.00	54.28	7.70	61.98
Road	1.48				1.07	1.07	0.12	1.19
Total Non-processing area	13.79			6.28	49.07	55.35	7.82	63.17
Total	402.66	4604.70		152.85	470.53	623.38	83.76	707.14

Source: MACE Analysis

Following measures should be adopted during operation phase to minimize impacts of development of Economic zone on water quality.

Mitigation Measures

- Each industry should obtain consent of DoE Bangladesh before construction and operation and should comply to the conditions laid by them
- The Industry should also obtain the consent of the water abstraction limit from DoE, Bangladesh.
- No leachate, wastewater and waste material should be stored in pervious unlined area/pond.
- Efficient Rainwater Management Plan will be adopted to reduce the impact due to surface runoff
- ETP shall be mandatory for all the industries. Every unit shall have its own ETP unit.
- Each industry should treat the effluent and sewage generated by them so as to achieve zero discharge and no untreated effluent should be discharged into any water body
- Sludge generated in effluent treatment plant should be sold to authorized recyclers or could be dried into cakes and used as manure for green belt
- A water balance between the abstracted water and the water diverted for process purposes and domestic purpose shall be developed. Based on the volume of the process and domestic waste, ETP shall be designed.
- Monitoring of surface and ground water quality should be done. Analysis of the process wastewater should also be done on regular basis to check efficiency of ETP.
- The effluent treated process wastewater shall be analyzed, and the analyzed parameter should be well below the Bangladesh Standard (ECR, 1997).
- Rainwater harvesting structures are proposed all along the internal drain at every 30 m interval
- Each industry should practice rainwater harvesting to minimize the water consumption and reduce runoff from the site

12.6.8. Impact on Biodiversity

The proposed site location is mostly agricultural in nature and devoid of any significant tree cover. Hence tree felling or associated impact like habitat loss of avifaunal/smaller mammals/reptile community is expected to be very minimal. However, due to loss of agricultural field habitat loss of associated invertebrates, reptile, smaller Pisces etc. is envisaged. Dredging along River is also a threat to habitat and breeding/spawning ground of fishes and other aquatic fauna. Discharge of solid and liquid waste in rivers/waterbodies, shall also impact the aquatic life. Therefore, proper mitigation measures should be taken to minimize the impacts on biodiversity.

No infrastructure development activities shall be encouraged close to the river shoreline.

Mitigation Measures

Following measures must be taken as a compensatory act and an effort to negate the impact on biodiversity-

- Provision should be made for peripheral green belt with 2-3 rows of local fruit bearing tree species all along the EZ boundary. These will attract and support avifaunal and other faunal community
- Suitable green area should be proposed inside the EZ
- Dredging from river may be avoided if possible and alternative arrangement for filling material may be explored
- No waste shall be discharged in water bodies
- Suitable Buffer Area will be maintained for the river

12.6.9. Impacts on Occupation Health and Safety

The lack of adequate mitigation measures on the health and safety of the workers will result in accidents and injuries leading to loss of life or property. It is proposed to implement the following mitigation measures to ensure safe workplace for the construction labor.

Mitigation Measures

- The project proponent should ensure that the contractor (make part of contractors' contract) to have and occupational health and safety plan. The contractor should provide accidental insurance and medical insurance to all the workers.
- The contractor should conduct daily toolbox meeting for all workers to discuss potential work-related hazards and other safety aspects.
- The contractor should conduct training for all workers on safety and environmental hygiene at no cost to the employees.
- The contractor should maintain first aid facilities for the workers and will instruct and induct all workers in health and safety matters (induction course) including construction camp rules and site agents/foremen will follow up with toolbox talks on a weekly basis. Workforce training for all workers starting on site will include safety and environmental hygiene.
- Fencing on all areas of excavation greater than 1m deep and sides of temporary works should be observed.
- Workers should be provided with appropriate personnel safety equipment such as safety boots, helmets, gloves, protective clothes, dust mask, goggles, and ear protection at no cost to the workers.
- Reversing signals (visual and audible) should be installed on all construction vehicles and plant.
- Contractor should be responsible for evacuation injured person to the nearest medical center
- Pertinent H&S trainings should be provided to all the workers with respect to hazards linked to the activities. Additionally, the workers will be informed of precautions to be taken to avoid impacts to the local community;
- Monitoring of the PPE usage can be strengthened, in that, a mechanism can be adopted whereby defaulters receive a warning on non-usage and stringent actions can be taken on subsequent offences;
- Maintain H&S records of occupational H&S incidents, accidents, diseases and dangerous occurrences
- The contractors should ensure H&S standards of labor camps. The labor camps will be established in the proposed site area. Additionally, the representative of project proponent should conduct random spot checks to determine any issues related to improper waste disposal or the living conditions in these camps (i.e. presence of secure shelter and flooring, number of persons per room, number of toilets for the manpower, water availability etc.);
- Strong protocols should be built as part of contractual obligations around zero tolerance of child labor or harassment of women workers and even health and safety aspects. These should also be monitored by supervision and monitoring team.
- Individual industries should also adopt best practice as per the industry standards for proper implementation of occupational health and safety.

12.6.10. Flood Risk

The project site is in proximity to Brahmaputra River. To avoid inundation during monsoon season, average land filling of 3 meter is considered. It is recommended to adopt riverbank protection work in the dredging stretches and along the bank of River to protect the site and surrounding area from flooding.

12.6.11. Sanitation and Disease Vectors

Potential sanitation and impacts from disease need to be controlled by maintaining hygienic conditions in the EZ area throughout the operational phase as well during construction by implementing appropriate social and health programs for the Project. BEZA should ensure that improvements are made to site sanitation and should implement the mitigation measure below for all operational activities and also that the contractor (during construction phase)/ industries (during operation phase) ensures that:

- Measures to prevent malaria should be implemented by installation of proper drainage to avoid water stagnation, etc.
- Standing water should not be allowed to accumulate in the drainage facilities or along the warehouse sides to prevent proliferation of mosquitoes.
- Temporary and permanent drainage facilities should be designed to facilitate the rapid removal of surface water from all areas and prevent the accumulation of surface water ponds.
- Malaria controls should be implemented in line with social plans for the Project.
- HIV/AIDS awareness and HIV-AIDS education and prevention program should be implemented in line with social plans under the social development work stream.

12.7. Stakeholders' Consultations

This section provides the stakeholder identification and analysis as well as a brief understanding of the engagement process for the project. "Stakeholder" refers to those who have plausible stake in the environmental/social impacts of the project or activity are ascertained with a view to taking into account all the material concerns in the project or activity design as appropriate. It is highly desirable for all key stakeholders to arrive at a consensus on sensitive features, impacts and remedial actions. Stakeholder identification was done by examining the potential impacts of the project in terms of:

- Who may be affected directly (project affected people);
- Which agencies might have responsibility for the impact management;
- Which other organizations might have an interest in monitoring proponent activities or have local knowledge to contribute; and
- Which private/non-government sector entities might face financial and social hardships if the predicted impacts occur

The stakeholders identified in the project comprise of project impacted people, project beneficiaries, various government officials.

The main objective of the consultation process is to minimize negative impacts of the project and to maximize the benefits from the project to the local populace. The objectives of public consultation as part of this project are:

- Promote public awareness and improve understanding of the potential impacts of proposed projects
- Identify alternative sites or designs, and mitigation measures
- Solicit the views of affected communities / individuals on environmental and social problems
- Improve environmental and social soundness
- Identify contentious local issues which might jeopardize the implementation of the project
- Establish transparent procedures for carrying out proposed works

- Inform the affected populace about the entitlement framework and to settle problems with mutual consent
- Create accountability and sense of local ownership during project implementation; and
- To obtain information on baseline environment

12.7.1. Methodology of Stakeholders Consultation

Different techniques of consultation with stakeholders were used during project preparation, viz., in-depth interviews, public meetings, group discussions etc. to understand the socio-economic profile of the community and the affected families, baseline environment, environmental/social concerns etc. A two-fold Stakeholder Consultation Meeting (SCM) was carried out simultaneously during the social review. In this regard, the SCMs were conducted firstly with both the primary and secondary stakeholders and later, affected persons within the occupation and gender-based groups were consulted through Focused Group Discussions (FGD). The Focused Group Discussions (FGD) were carried out with different group at the proposed EZ area. PwC personnel discussed about the future developments and benefits to the community due to the development of the EZ. The FGD was carried out in presence of local populace, potential PAPs and local elites. The details of attendees have been mentioned in **Annexure 20**.

12.7.2. Level of Consultations

The Focused Group Discussions (FGD) were carried out with different group at the proposed EZ area on 20-11-2020 and consultations with institutional stakeholders were carried out on 21-7-2019. The FGD was carried out in presence of local farmers, Business group, local elites, youth group and women group. The details of the Focused Group Discussions are furnished below. The record of attendees for the FGDs has been attached in **Annexure 20**.

Table 122: Types of consultations

Level	Type	Key Participants
Institutional	Stakeholder Meeting	Various Govt. Officials
Community	Focused Group Discussion	PAP, marginalized people

12.7.3. Institutional Stakeholders Consultation

Date of Meeting: 21 July 2019

Location of Meeting: UNO Office, Jamalpur Sadar, Jamalpur

Officials Met:

Table 123 List of Institutional Stakeholders Consulted

Name of Person	Designation	Contact Details	Date of Consultation
Ms Farida Yesmin	Upazila Nirbahi Officer	01709970050	21 July 2019
Mr SM Mozaharul Islam	AC Land Jamalpur Sadar	01709970052	21 July 2019
Ms Afroza Beagum	Secondary Education Officer	01711906768	21 July 2019
Ms, Nahida Yeasmin	Upazila Education Officer	01718160216	21 July 2019
Ms Shirin Akhter	Rural Development Officer, BRDB	01843608533	21 July 2019
Eng. Sanwar Hossain	GM, REB	01769402035	21 July 2019

Name of Person	Designation	Contact Details	Date of Consultation
Mr Khalilur Rahman	Mechanical, Upazila DPHE	01716900563	21July 2019
Azizur Rahman	Upazila Cooperative Officer	01712369572	21July 2019
Mr. saiful Islam Khan	UYDO	01716188109	21July 2019
Dr Helena Beagum	ULO	01711233045	21July 2019
Ms. Monotazunnesa	SUFO	01716615213	21July 2019
SM Shahidul Islam	Eng, LGED	01708161418	21July 2019

Salient Points of Discussion:

At the onset, the officials from Upazila Nirbahi Office, Jamalpur Sadar welcomed the idea of developing economic zone in the region and country by BEZA and expressed their consent on the same. The officers extended cooperation in identifying the proposed EZ site and nearby features. Discussions were held on various developmental aspects of the proposed EZ like land acquisition status, utilities, rehabilitations and resettlement issues, etc. The discussion was concluded by a visit to the project site and nearby sub-station to gain an on-ground understanding of the various issues. Some of the key features discussed were as follows:

- It was understood that the site area is 262.66 acres of land. The proposed land parcel is spread across three Mouzas i.e. Jotharthopur (Pvt-64.4400 & Govt- 197.7200), Mothurabari (Pvt-0.2100), Dokkhin Kuturia (Pvt- 0.2900 in Jamalpur Sadar Upazila²⁶⁶.
- Bangladesh Small and Cottage Industries Corporation (BSCIC) is at a distance of 5 km from the proposed EZ.
- Based on the discussions with UNO officials, it has been understood that the region is already industrially active and offers ample backward and forward integration opportunities for the proposed EZ.

12.7.4. Focused Group Discussions (FGD)

The Focused Group Discussions (FGD) were carried out with different groups at the proposed EZ area on 19-11-2020 and 20-11-2020. PwC personnel discussed about the future developments and benefits to the community due to the development of the EZ. The FGD was carried out in presence of potentially affected landowners, local farmers, social elites, members of women's group. The details of the Focused Group Discussions are furnished below. The record of attendees has been attached in **Annexure 20**.

Table 124 Details of Focus Group Discussions

Relevant Stakeholders	Issues	Suggestion/Demand from participants	Remarks
<i>Affected Landowners, Farmers, Social Elites (19 persons)</i>	<ul style="list-style-type: none"> • Affected structure and homestead 	<ul style="list-style-type: none"> • The participants welcome the proposed EZ development. They think that this proposed EZ will create employment opportunities to many people in the area. There are 143 households with structures and trees in the proposed site at the proposed area of Jamalpur and Sherpur. The participants demanded that these households 	<ul style="list-style-type: none"> • The proposed EZ alignment should be reconsidered to avoid resettlement of 143 households.

²⁶⁶ Part of Land Parcel falling in Jurisdiction of Sherpur District is also included within proposed EZ boundary later

	<ul style="list-style-type: none"> • Loss of Agriculture Land • Opportunities for business during construction phase. • Development social infrastructure 	<p>should be avoided while considering the EZ location.</p> <ul style="list-style-type: none"> • The proposed land for acquisition is maximum single crop land and 40% land is double crop.; • The participants expressed interest in availing business or employment opportunities during the construction of the EZ. They are keen to provide construction materials. • The participants expressed that they do not have quality schools or educational institutions or technical college in their locality. The project may consider developing some educational institutes for the benefit of the locals. Considering the future economic activities brought about by the proposed EZ, hotels or guest houses may be established. 	<ul style="list-style-type: none"> • Proper compensation should be provided for loss of livelihood. Also, the PAPs should be given priority for employment in the upcoming EZ. • The option of procuring construction raw materials from the locals as per the BEZA guidelines may be assessed. • Guest houses or hotels may be established in the EZ. Establishment of educational institutes open to locals and potential employees of the EZ may be established.
<p><i>Women Group (12 participants)</i></p>	<ul style="list-style-type: none"> • Settlement Issue • Safety Issue • Employment • Trainings needed 	<ul style="list-style-type: none"> • The women group raised a concern about the settlement issue in the meeting. They demanded that these households are avoided while the proposed EZ will be developed • The women group expressed concerns about the potential safety issue that may arise from migrant labor/labor arriving from different locations to work in the construction of the project. • The women of the locality also want to work in the EZ. They wanted equal opportunity as like the men. • Skill development trainings suitable for women should be provided by the project so that they can prepare themselves for employment 	<ul style="list-style-type: none"> • The proposed EZ alignment should be reconsidered to avoid resettlement • The project should develop camps for workers within the EZ site away from locals. A robust GRM should be established. • Priority may be given to women for employment. • The project should arrange training programs to train the women in skills necessary for employment in the EZ.

Source: FGD at site

Summary of Key Environmental Impacts

- Proposed site is located in proximity to River Old Brahmaputra. The surface water system may get contaminated due to surface runoff/effluent discharge if proper mitigation measure is not taken. This also pose a threat to the associated biodiversity dependent on the habitat.
- Impact due to dredging from River Old Brahmaputra: It may cause erosion of riverbank, bottom disturbance, impact on habitat of fish, benthos and other aquatic fauna
- The development of the project would cause direct impact on about 1400 PAPs in terms of loss of private and cultivable lands or loss of residential structures
- The project will likely affect approximately above 143 residential households' structures
- Pollution: Likely impact on neighbouring settlements due to noise generation, Air emission and effluent discharge during construction/operation stage if proper mitigation measure not taken

12.8. Environmental Management Plan and Monitoring Indicator

The environmental impacts associated with any development project are eliminated or minimized to an acceptable level through development of appropriate mitigation measures based on most suitable techno-economic options. The Environmental Management Plan (EMP) is a well-established tool to ensure effective implementation of the recommended mitigations measures throughout the subsequent project development stages. The EMP also ensures that the positive impacts are conserved and enhanced. An EMP provides location and time specific actions to be taken with defined responsibility.

12.8.1. Institutional Arrangement

BEZA has developed Environmental Social Management Framework (ESMF²⁶⁷) with the help of World Bank. The institutional arrangement of EZ shall be aligned as per this framework. Proposed EZ will have an Environmental and social cell which will coordinate with site engineers and Project Monitoring Consultant (PMC).

Overall Project Implementation Arrangements

The overall management of the project will be carried out for EZ is the project implementing unit (PIU).

Institutional Set Up for Environment Management

The institutional arrangements for the implementation of various aspects of ESMF and environment management of the proposed project envisaged to be implemented as part of the Private Sector Development and Support Project (PSDSP) comprise the following.

- Project Environment Cell (PEC) at PIU to ensure adequate integration of environment management measures in the design phase and supervise implementation of ESMF and specific requirements of EMP
- Environment Management Unit (EMU) at EZ to implement EMP and other regulatory requirements during construction & operation phase of EZ.

Project Environment Management Cell (PEC) at PIU

The Project Implementation Unit (PIU) will establish a Project Environmental Cell (PEC) headed by a 'Manager – Environment' and supported by environmental engineers. The PEC will function to:

- Supervise implementation of ESMF throughout project implementation period;

²⁶⁷ <http://www.beza.gov.bd/wp-content/uploads/2015/10/ESMF-of-BEZA.pdf>

- Ensure integration of the EA and the EMP measures into the sub-project design and implementation plans such as contract documents, maintenance contracts, tenant lease agreements, etc.
- Supervise the implementation of the mitigation measures by the Master developers / Contractors;
- Assist the engineering staff and other PIU staff in addressing environmental issues during planning, design and implementation of the sub-projects;
- Prepare periodic progress reports on the implementation of the EMP throughout the project period.

Environment Management Unit (EMU)

In order to implement various environmental management measures at EZ, the master developer / contractor / operator will set up an Environment Management Unit (EMU). The EMU will consist of environmental engineers with relevant experience on environmental issues associated with EZ. The EMU will function all through construction and operation phase of the EZ and perform the following functions.

- Identify regulatory requirements of the sub-project and initiate necessary actions / studies to ensure compliance to the same;
- Co-ordinate with DoE and PIU and ensure securing SCC and ECC as applicable for the project(s);
- Co-ordinate with the technical professionals of contractors / sub-contractors and all other agencies involved in the development and operation of EZ / EPZ and ensure that all the requirements of EMP are fully complied;
- Ensure that all the common environmental infrastructure in EZ / EPZ is operated and maintained in compliance with the regulatory requirements of GoB;
- Liaise with individual enterprise/tenants and ensure that all environmental management conditions of the tenant lease agreement are fully complied;
- Prepare regular reports on environment management and submit to PIU/GoB.

12.8.2. Monitoring Indicators

The physical, biological and social components which are of particular significance to the proposed project are listed below:

- Air quality
- Water quality
- Noise levels
- Soil quality
- Solid & Hazardous Waste Management
- Plantation success / survival rate
- Soil Erosion
- Siltation
- Contamination of area surrounding to the project site
- Record of accidents
- Recorded public grievance

These indicators will be evaluated periodically based on the monitoring results, baseline conditions, predicted impacts and mitigation measures.

12.8.3. Monitoring Plan

The objective of environmental monitoring during the preconstruction, construction and operation phases is to compare the monitored data against the baseline condition collected during the study period to assess the effectiveness of the mitigation measures and the protection of the surrounding environment based on national

standards. A monitoring schedule has been sketched based on the environmental components that may be affected during the various phases of the project and is given in the table below.

Table 125: Environmental Monitoring Plan

S. No.	Aspect	Source of Impact	Monitoring Methods and Parameters	Frequency	Executing Agency	Enforcement Agency
1.0	Preconstruction and Construction Phase					
1.1	Local Manpower Absorption	Construction Works	Contractor's report No. of people working in the project	Monthly	Contractor	BEZA & PMC
1.2	Soil Erosion	Excavation, disposal, cut & fill and site preparation activities for site levelling and internal roads, disposal	Survey & observation; Extent and degree of erosion; Structures for controlling soil erosion	Monthly	Contractor	BEZA & PMC
1.3	Greenbelt Development	-	Survival rate of species planted; Density of vegetation	Half Yearly	Contractor	BEZA & PMC
1.4	Air Quality	Transportation of construction materials, road construction, construction of utilities	Survey & observations; Levels of PM ₁₀ , PM _{2.5} , SO ₂ , NOx, CO	Quarterly for two weeks at suitable locations	Contractor	BEZA & PMC
1.5	Waste Management	Restoration of disposal sites and construction areas	Status of protection measures	Quarterly	Contractors	BEZA & PMC
1.6	Noise Level	Noise levels compliance with respect to industrial standards	Ambient Equivalent continuous Sound Pressure Levels (Leq) at day and Night time	Quarterly at suitable locations	Contractors	BEZA & PMC
1.7	Drinking Water	Contamination due to seepage	All physio-chemical & biological parameters	Monthly	Contractor	BEZA & PMC
1.8	Inland surface Water	Transportation of construction materials, various construction works, runoff from camp	All physio-chemical & biological parameters	Quarterly at suitable locations	Contractor	BEZA & PMC
2.0	Operation Phase					
2.1	Noise Levels	Noise levels compliance with respect to industrial standards	Ambient Equivalent continuous Sound Pressure Levels (Leq) at day and Night time	Quarterly at suitable locations	BEZA	BEZA
			Plant periphery and near noise generation sources	Monthly	Individual Industrial Units	BEZA
2.2	Biological Environment	Horticulture/ Greenbelt Development	Survival rate of plants and shrubs	Quarterly	BEZA	BEZA
			Survival rate of plants and shrubs at individual unit	Quarterly	Individual unit	BEZA
2.3	Ambient air quality	Ambient air quality levels compliance with respect to industrial standards	Ambient air quality monitoring at individual industries – Monitor levels of PM ₁₀ , PM _{2.5} , SO ₂ , NOx, CO	Monthly	Individual Industrial Units	BEZA

S. No.	Aspect	Source of Impact	Monitoring Methods and Parameters	Frequency	Executing Agency	Enforcement Agency
		Ambient air quality levels		Quarterly	BEZA	BEZA
2.4	Ground /Drinking water quality	water quality levels compliance with respect to industrial standards	Bore-wells installed/ Drinking water source at site (All physio-chemical & biological parameters)	Monthly	Individual Industrial Units/BEZA	BEZA
				Quarterly	BEZA	BEZA
2.5	Inland Surface water quality	To cross check accidental contamination	Nearby surface water resource (All physio-chemical & biological parameters)	Quarterly	BEZA	BEZA
2.6	Soil Erosion	River	Survey & observation;	Monthly	BEZA	BEZA

Source: PwC Analysis

12.8.4. Community development plan

It is recommended the EZ owners to involve the local community during the project development. The EZ owner/its contractors may recruit local workforce to the extent possible during construction phase. The EZ owner would identify technically qualified unemployed youth around the project location and other nearby areas and employ as far as practical. The EZ owner should form a forum/ association/ trust along with its industrial units to look after community development activities of EZ. All the industrial units should periodically contribute to this Trust. The Trust would represent EZ and its industries for all matters related to community and its development. This would act as interface between EZ and community. The Trust should encourage its industrial units to recruit local unemployed youth in the jobs during operational phase. For this if required arrange training for the local people to develop skilled manpower required if sufficient skilled manpower is not available to carry out technical work in the industrial units during operational phase.

The Trust will organize a community advisory group involving local representatives, representatives from EZ industries and neighboring industries; that would help them in finding ways to participate with its neighbors in addressing socio-economic concerns. With the advice of its community advisory panel, local officials, and other key individuals and groups, the trust along with its constituent industries may sponsor appropriate programs and projects to benefit its community as a whole.

Some specific community development programs that could be considered by the Trust in coordination with other industries in the locality are suggested here:

- Conducting awareness programs in surrounding villages on health impacts due to environmental pollution (air, noise, water, solid waste, etc.), and precautions to be taken to minimize health impacts.
- Conducting periodic health check-ups to the EZ (including industries) staff and in the surrounding villages to identify pollution related diseases.
- Encouragement to residents in the nearby localities for self-employment ventures, such as by assisting them in arranging micro finances to develop them as artisans/ skilled personnel.
- Periodic training programs on health and sanitary education, women and child development, and income generation schemes.
- Participation in improving the existing medical and educational facilities of the area - for this purpose, it is suggested that the Trust provide funds for facilities improvement (providing toilets, furniture, additional space creation, any other needed) to the local hospitals and schools
- Development of greenbelt/greenery or tree plantation in the nearby vacant government lands to build a green and clean environment in the surrounding areas and to reduce pollution impacts to some extent.

- Sponsoring fellowships to students in surrounding villages to encourage them to go for higher education
- Construction of health facility in collaboration with other industries to improve health status
- Conduct or sponsor camps to clean up river ghats in the surrounding areas.

12.8.5. Compensation Plan

For the development of the proposed EZ, BEZA requires 402.66 acres of land. Of this, 90.69 acres is private. According to local consultation meeting, about 1400 PAPs would be directly and indirectly affected as a result of development of this project. Hence proper compensation based on present market rates to be provided to the PAPs and a Resettlement Action Plan needs to be prepared.

For the development of the proposed EZ, BEZA requires 402.66 acres of land. Of this, 311.97 acres is govt./khas, and 90.69 acres is private. The land is occupied by households and settlers (non-titleholders) who conduct their economic activities within the site and in the vicinity and 2 social structures which are mosques. There are no commercial structures within the site boundary

12.8.6. Emergency Preparedness Plan (Contingency Plan)

In order to be in a state of readiness to face adverse effects of accidents, an emergency preparedness plan is required to be prepared which includes on-site and off-site emergency plan by the individual industry and industrial estate.

The Emergency Preparedness Plan will have the following minimal components:

- Accidents preventions procedures/ measures
- Fire prevention planning and measures
- Fire water storage and foam system
- Accident/emergency response planning procedure
- Grievance redressal mechanism
- Emergency control centre
- Emergency information system with role & responsibility and command structure
- Recovery procedure
- Assessment of damages and rectification
- Evaluation of functioning of disaster management plan
- Accident investigation
- Clean-up and restoration

12.9. Cost of EMP

The cost of EMP given here includes only that for the CETP, Environmental Monitoring, Audit and greenbelt development. The costs are approximate and need calibration at the time of detailed design and estimation stage.

Table 126: Cost for EMP Implementation

Jamalpur EZ			
S. No	Components	Unit Cost (Tk)	Cost (Tk.)
A	Fixed Cost		
A.1.	Construction Phase (4 Years)		
A.1.1.	PPEs for staffs of Project Proponent	120,000/year	480000

A.1.2.	CETP construction	To be covered under engineering cost	-
A.1.3.	Environmental Monitoring (Quarterly) from site and surrounding area Ambient Air Ambient Noise Surface Water Ground/Drinking Water Soil Quality	400000/Quarter	6400000
A.1.4.	Greenbelt Development at suitable locations	60000/ Acre/Year	10080000
A.1.5.	Environmental Audit (Half Yearly)	100000/study	800000
A.1.6.	Environmental Specialist - Full Time : 2 Nos	1200000/year/person	9600000
A.1.7.	Social Analyst- Full Time: 2 Nos	1000000/year/Person	8000000
A.1.8.	occupational health specialist and a safety specialist- Full Time : 2 Nos	900000/year/person	7200000
A.2.	Fund for proposed community development activities	Lumpsum	10000000
	Total Fixed Cost (BDT)		52560000
B	Recurring Cost (Yearly)		
B.1.	Operation Phase (per year)		
B.1.1.	PPEs for staffs of Project Proponent	150,000/year	150000
B.1.2.	Solid waste bins for common areas	150,000/year	150,000
B.1.3.	CETP operation	To be covered under project cost	0
B.1.4.	Environmental Monitoring (Quarterly) from site and surrounding area Ambient Air Ambient Noise Surface Water Ground/Drinking Water Soil Quality	500000/Quarter	2000000
B.1.5.	Maintenance of Green Belt	Lumpsum	1008000
B.1.6.	Environmental Audit (Half Yearly)	200000/half	400000
B.1.7.	Environmental Specialist - Full Time : 2 Nos	1400000/year/person	2800000
B.1.8.	Social Analyst- Full Time: 2 Nos	1100000/year/person	2200000
B.1.9.	occupational health specialist and a safety specialist- Full Time : 2 Nos	1000000/year	2000000
B.1.10.	CETP Incharge : 2 Nos	700000/year	1400000
	Total Yearly Recurring Cost (BDT)		12108000
Note: The costs are approximate and need calibration at the time of detailed design and estimation stage * Monitoring/Mitigation cost at individual industry level has not been covered ** If there is need of any specific mitigation according to environmental audit during Construction/Operation phase/recommendation of regulatory authority, the cost for the same will be additional			

Source: PwC analysis

12.10. Conclusion and Recommendation

Environmental review indicates that the overall the impacts from preconstruction, construction and operation phase have limited adverse environmental impacts, and can be readily addressed through wise mitigation measures as suggested. BEZA will invest in land and related off-site infrastructure development so as to make zone accessible and resourceful. Thereafter economic zone development will be responsibility of private developers. The off-site facilities proposed to be developed by BEZA including development of administration building, boundary wall, electrical supply, and access road. The project falls under Red category as per ECA, 1995 and requires prior environment clearance from DoE, Bangladesh.

The recommendations made for the project development on the basis of Environmental and Social Review study are given below:

- A detailed Environmental and Social impact assessment should be carried out by BEZA prior to any site preparation/construction activity and prior environment clearance certificate from DoE, Bangladesh should be taken. Separate environment impact assessment study must be carried out by developer for whole zone before developing the EZ
- Construction activities for the development of project should be started after obtaining environment clearance certificate from DoE, Bangladesh
- Proposed environment management plan should be implemented strictly during preconstruction, construction and operation phase of the project.
- Green area development should be carried out
- Provision of garland drain, thick green belt, ETP, segregated storm water shall be adhered to
- Environmental monitoring should be conducted as suggested in environment management plan
- River Embankment protection activity should be taken up along Brahmaputra River

13. Financial Modelling

13.1. Purpose and Objectives

Establishing of economic zone regime in Bangladesh is an effort by the GoB to boost manufacturing activity and employment in the country. BEZA intends to attract manufacturers who are interested in setting up manufacturing plants in Bangladesh through development of plug and play infrastructure, industrial land, supply of utilities (water, power and gas), transport connectivity and business friendly policies.

However, in order to develop the infrastructure, it is paramount to understand the financial costs involved in developing such infrastructure and the expected returns that could be expected from operating economic zones. This chapter evaluate the financial feasibility of developing the proposed economic zone which has been determined based on net financial benefits under different scenarios (conservative, base and aggressive) of land uptake in the proposed EZ and level of cash flows accruing to the developer. The rate of land uptake has been captured in the demand forecasting chapter of this report.

This financial model takes into cognizance two scenarios viz. (i) **BEZA is the master developer of the project – Case 1** and (ii) **PPP developer develops the project where BEZA plays the role of regulator – Case 2.**

First scenario considers that BEZA is responsible for land acquisition, resettlement and rehabilitation, and infrastructure developments at the proposed EZ and in turn leasing out industrial space, specialized infrastructure space to private tenants. The major sources of revenue accruing to BEZA has been considered from (1) upfront fees or annual rental for land uptake and (2) mark-up on utility (power, water, gas) provided to manufacturers, (3) service fees/conservancy fees from the EZ. In addition to the capital expenditure for developing this project, BEZA also needs to incur operational expenditure towards operation and maintenance (O&M) of this project.

Second scenario considers that BEZA (as regulator of the project) is responsible for land acquisition, resettlement and rehabilitation, and off-site infrastructure developments at the proposed EZ as a condition precedent. The PPP developer is mandated to develop and maintain the on-site infrastructure and subsequently earn revenue through leasing of industrial/ specialized infrastructure space at the proposed EZ.

This model is developed to analyze revenues generating sources and consequently Project Internal Rate of Return (PIRR), Equity Internal Rate of Return (EIRR), Debt Service Coverage Ratio (DSCR), and Net Present Value (NPV) for both the scenarios.

13.2. Methodology of Financial Modelling

The financial model created takes into consideration financial return to BEZA (when BEZA is responsible for the following activities as the regulator and master developer of the project) and the PPP developer (when the PPP developer is responsible for the onsite infrastructure construction and O&M of the project). For the first scenario where BEZA is the master developer, the functionality of this financial modelling is same as the prevailing models of development followed in Economic Zones such as Bangabandhu Sheikh Mujib Industrial City (Mirsarai EZ), Feni, Jamalpur EZ 1, Shreehatta and Maheshkhali (Dhaulghata).

Table 127: Responsibilities of BEZA and PPP developer in different financial models

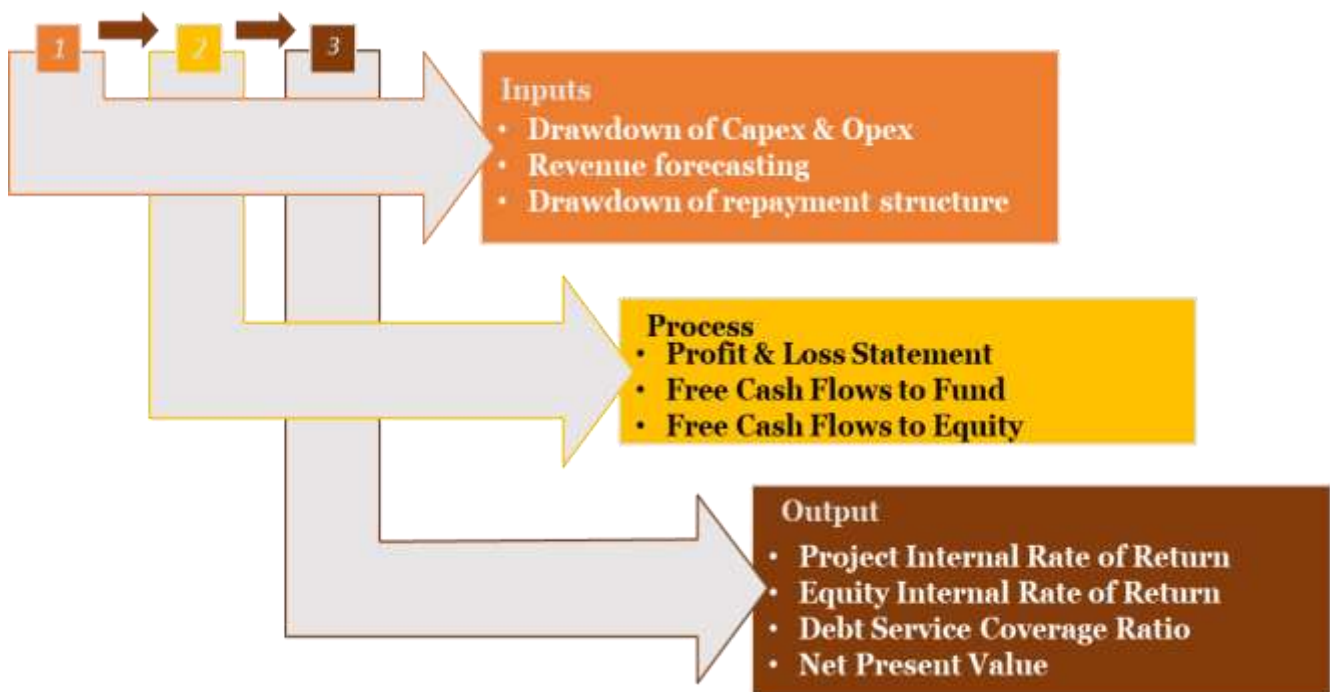
Aspects	Responsibilities of BEZA/ PPP Developer
Land acquisition and ownership	BEZA would acquire the land parcel and allocate the same to tenants (industrial & specialized infrastructure) on leasehold basis for a period of 50 years and extendable on mutual consent basis

Aspects	Responsibilities of BEZA/ PPP Developer
Resettlement & Rehabilitation	BEZA would be responsible for resettlement and rehabilitation activities for all social incumbencies prevailing within the proposed EZ
Infrastructure development (Business as usual scenario)	Development of off-site and on-site infrastructure components is the responsibility of BEZA as condition precedent. In case of PPP project, the private developer is responsible for developing the on-site infrastructure
Financing	Responsibility of BEZA (for BEZA model) and it is the responsibility of the PPP developer for the PPP model
O&M	Responsibility of BEZA (for BEZA model) and it is the responsibility of the PPP developer for the PPP model

Source: PwC analysis

To have a robust model in place, an exhaustive list of assumptions has been developed which duly indicates all the inputs considered for determining the expected return on the investment. Consent has been obtained from BEZA officers about these assumptions. A graphical diagram depicting the functionalities of financial model is shown below.

Figure 90: Process flow of Financial Model



Source: PwC Analysis

Inputs

A yearly model has been developed to depict the Capex (cost of land acquisition, infrastructure, EMP, pre-operations) and Opex expenses along with debt (both commercial borrowing and concessional loan) drawdown structure, in order to have a granular insight into the capital cash outflows. Revenue Forecasting has been done on an annual basis to understand the cash inflows accruing to BEZA or the PPP developer through lease of industrial land, land for specialized infrastructure (real estate, logistics etc.), surcharge on supply of utility services (like water, power, gas and water treatment), and EZ service fees.

Process

Considering the expenses and revenue sources above, pro-forma income statements have been calculated which captures the profits/loss and cash flows accruing to BEZA or the PPP developer. This process forms the backbone of the financial model which is used to determine the returns to BEZA or the PPP developer.

Outputs

BEZA being the Government nodal agency mandated for development of economic zones in Bangladesh, is concerned with the PIRR i.e. the overall returns accruing from the project and not on parameters such as equity IRR, Debt Service Coverage Ratio (DSCR); whereas the PPP developer is concerned with various ratios such as PIRR, EIRR, and DSCR

Thus, as a measure of calculating returns to BEZA on its investment in this project, parameters that have been considered are Rate of Return to providers of capital (debt + equity) i.e. project IRR.

Three scenarios (viz. conservative, base and aggressive) have been considered in this model based on the anticipated occupancy (land demand uptake) of the proposed economic zone in order to make provision for a dynamic investment climate. The land uptake in an industrial project are highly impacted by the country's and regional economic growth. These scenarios could occur due to trickledown effect of the changing economic context on macro and micro level. These scenarios would assist BEZA in assessing the range of expected return that it could anticipate through its investment in the proposed EZ.

Aggressive case assumes macro-economic conditions of Bangladesh and the region are improving; macro level economic conditions are improving; land uptake rate will be higher than the anticipated demand. Base case assumes macro-economic conditions of Bangladesh and the region are showing steady trend and behaving as expected; land uptake will be as per anticipated demand. Conservative case considers macro-economic conditions of Bangladesh and the region are showing declining trend; land uptake rate will be lower than the anticipated demand.

The broad level commercial aspects considered while developing the model for the scenario where BEZA plays the role of the master developer i.e. Case 1 are –

- BEZA would be responsible for financing, constructing infrastructure for the proposed EZ and subsequently the Operation and Maintenance.
- Cost of land acquisition is the prerogative of BEZA.
- Construction of the infrastructure of the proposed EZ is the prerogative of BEZA
- The project would be financed by BEZA's own equity and loans from commercial lenders & financial institutions (i.e. concessional loan).
- Marketing of the industrial plot will be done by BEZA.
- BEZA will enter into lease agreement with the industrial units/specialised infrastructure units. These units will be the end users/tenants at the plots in economic zone.
- Complete ownership of the land demarcated for this project belongs to BEZA. The private tenants who would be allocated land parcels towards industrial and specialised infrastructure space in the EZ would be required to pay BEZA as per the following:
 - Upfront fees OR Annual Land Lease premium
 - Mark-up on Utilities (power, water, gas, and water and effluent treatment)
 - EZ Conservancy/Service fees

Similarly, the commercial aspects considered when a PPP developer is assigned by BEZA to develop the project i.e. Case 2 are -

- The PPP developer would be responsible for financing, constructing on-site infrastructure for the proposed EZ and subsequently the Operation and Maintenance.
- Cost of land acquisition and construction of off-site infrastructure should be the prerogative of BEZA as per conditions precedent.
- Construction of the on-site infrastructure of the proposed EZ is the prerogative of the PPP developer
- The project would be financed by PPP developer's own equity and loans from commercial lenders & financial institutions (i.e. concessional loan).
- Marketing of the industrial plot will be done by the PPP developer.
- The PPP developer will enter into lease agreement with the industrial units/specialised infrastructure units. These units will be used by the end users/tenants at the plots in economic zone.
- Complete ownership of the land demarcated for this project belongs to BEZA which will be transferred to the PPP developer on lease hold basis. The private tenants who would be sub-leased the land parcels towards industrial and specialised infrastructure space in the EZ would be required to pay the PPP developer as per the following:
 - Annual Land Lease premium
 - Mark-up on Utilities (power, water, gas, and water and effluent treatment)
 - EZ Conservancy/Service fees

Assumptions in the financial model is captured in the next section.

13.3. Assumptions, Inputs and Variables

In this section, the key assumptions used in developing the financial model (to assess the financial viability of the proposed project) have been elucidated.

13.3.1. Timing Assumptions

The proposed EZ is spread over an area of 402.66 acres. Considering the fact that this project it has been assumed that in the coming one year (i.e. till Dec 2021) BEZA shall complete all the regulatory activities pertaining to the approval of the project. As per market assessment it is anticipated that demand for industrial land will reach the level to support the development only by 2028, construction activities can begin from 2026. Hence, the model start date has been assumed from 1st July 2025 in case BEZA is acting as developer. In case PPP route is opted for the project starting date is considered to be 1st July 2023. A 50 years model tenure has been considered. Following table captures the timing assumptions for this project.

Table 128: Timing related assumptions

S. No.	Details	Assumptions
1	Start date	<ul style="list-style-type: none"> • 1st July 2024 (financial year 2025) when BEZA develops the project • 1st July 2025 (financial year 2026) when PPP developer develops the project
2	Land acquisition activities	<ul style="list-style-type: none"> • 2024-2026 (3 years²⁶⁸) (financial year)

²⁶⁸ As per Market intelligence and discussion with BEZA officials; ~90.69 acres are private owned land and needs to be acquired.

S. No.	Details	Assumptions
4	Infrastructure developments	<ul style="list-style-type: none"> 2025-2028 (4 years; financial year) when BEZA develops the project 2026-2038 (3 years; financial year) when PPP developer develops the project
5	Start of operations	<ul style="list-style-type: none"> 1st July 2026 (financial year 2027)
6	Model end date	<ul style="list-style-type: none"> 30th June 2074 (financial year 2074) when BEZA develops the project 30th June 2075 (financial year 2075) when PPP developer develops the project

Source: PwC Analysis

Considering the development trends and land acquisition related aspects in Bangladesh, above stated assumptions have been taken on the conservative side.

13.3.2. Land Use Pattern

In the earlier chapters, based on the prevailing infrastructure, best practice master planning has been formulated. In line with the same, following table elaborates the land use pattern for the proposed EZ.

Table 129: Land use pattern

S. No.	Details	Land Use (in Acres)
1	Industrial Space	268.56
2	Public and support amenities	12.31
3	Non processing area (utility, road, green and open space, admin and custom block and support amenity)	121.79
Total		402.66

Source: MACE analysis

An area of 20 acres has been considered for construction of SFB in case of the PPP developer developing the project.

13.3.3. Revenue Assumptions

In case of BEZA being the master developer of the project i.e. Case 1, it will earn revenues through land leasing, mark-up on utilities and EZ service fees. The main revenue source for BEZA includes - (i) revenue from upfront fees OR annual land lease premium for industrial space (i.e. industrial land), (ii) revenue from mark-up of utilities (water, power, gas, water and effluent treatment), and (iii) EZ Conservancy/Service Fees.

Similarly, as per Case 2, where the PPP developer comes onboard, it will also have the same revenue sources except for the revenues accrued due to payment of upfront fees for industrial or specialised infrastructure land. In addition, revenue accrued due to Standard Factory Buildings will also be a source in this case.

Assumptions for revenue generating from industrial and specialized infrastructure space

BEZA as a regulator is in process of allocating land plots to industrial and infrastructure tenants in different Government owned EZs such as Bangabandhu Sheikh Mujib Industrial City (Mirsarai EZ), Feni, Jamalpur EZ 1, Shreehatta and Maheshkhali (Dhauighata). The following table elaborates the tariff rates for direct allotment of space in these EZs.

Table 130: Land Tariff at Government owned EZs in Bangladesh

S. No.	Mode of Payment	Category of Land	Annual Rent per sq. m (USD)	Contract Period	Total Rent per sq. m. (USD)
Land tariff prevalent at Mirsarai EZ					
1	Onetime payment (Upfront fees)	Developed	0.60	50	30.00
2		Undeveloped	0.30	50	15.00
3		Specialized infrastructure	0.345	50	17.25
4	Annual rent basis	Developed	1.50	50	-
5		Undeveloped	0.75	50	
6		Specialized infrastructure	0.90	50	
Land tariff prevalent at Jamalpur EZ – 1					
1	Onetime payment (Upfront fees)	Developed	0.525	50	26.75
2		Specialized infrastructure	0.315	50	15.75
3	Annual rent basis	Developed	1.25	50	-
4		Specialized infrastructure	0.81	50	

Source: BEZA

Tariff plan 1: Tariff rate based on existing government EZs

Based on benchmarking exercise carried out by the study team, it has been observed that for existing economic zones the onsite and offsite infrastructure project are developed by the concerned nodal agencies. This has

allowed BEZA economic zone to charge low land tariffs. Based on the benchmark the study team has identified Jamalpur and Mirsarai economic zone for tariff estimation.

Jamalpur EZ is located at ~160 Km from Dhaka in Mymensingh division in northern part of country. Jamalpur EZ is located at a distance of 423Km from Chattogram seaport and 382Km from Mongla seaport which are major trade gateway of country. Proposed EZ at Jamalpur is located in close proximity of the existing EZ.

Hence, the land tariffs are assumed for proposed EZ is equal to tariff rate for existing Jamalpur EZ (annual rent of USD 1.35/Sq. m and upfront fee of USD 26.75/Sq. m) considering the same locational constrain and features of the proposed EZ in terms of its access to domestic markets EXIM gateways. Since the proposed EZ is expected to become operational in 2025, the above land tariffs are expected to increase. In order to consider the effect of the same, an escalation of 10% for a block of 3 years²⁶⁹ on the above tariffs have been considered to evaluate the project returns in case of BEZA developing the project. **Thus, land tariff for annual rent is assumed to be USD 1.6 per sq. m USD (BDT 13 per sq. ft. per annum) and the same for upfront fees is assumed as ~USD 32.9 per sq. m (BDT 260 per sq. ft).**

Tariff plan 2: Tariff rate based on the land tariff of private/PPP EZs

There is no prevailing benchmark for developing financially self-sustainable government economic zone in the country. The closest benchmark available are private economic zones. In the case of private economic zone development, the off-site infrastructure is developed by the concerned nodal agencies and private developer only bears the cost of onsite infrastructure.

Private economic zones such as Meghna Industrial Economic Zone (Narayanganj), Bay Economic Zone, Abdul Monem Economic Zone which are located in close proximity to Dhaka, charge tariffs ranging from USD 7 to USD 12 per sq. m per annum (~ BDT 95 per sq. ft. per annum) to USD 7 per sq. m per annum (~ BDT 55 per sq. ft. per annum). Land tariffs in economic zones such as the one in Mongla (PPP) developed by Sikder Group, oscillate between the tune of USD 4 per sq. m per annum (~ BDT 30 per sq. ft. per annum) to USD 7 per sq. m per annum (~ BDT 55 per sq. ft. per annum).

Mongla EZ being developed in PPP mode is the most suitable comparable to benchmark the tariff rates for the proposed as at Jamalpur. Average lease rental for the EZ is USD 5.5 per sq. m per annum (~BDT 43 per sq. ft. per annum). Being located in close proximity of Mongla port, EZs have better access to Mongla seaport. Mongla EZ have very good IWT connectivity with Dhaka and Chattogram. While proposed EZ at Jamalpur is located in the Northern part of Bangladesh with no significant industrial proliferation in the region and also located away from commercial centres such as Dhaka and Chattogram. Apart from that EZ also lacks good IWTR connectivity whereas the Mongla EZ is located close to port and well connected through IWT network with other part of country.

Hence, the land tariffs are assumed to be 25% lower than average lease rental of private EZs (annual rent of USD 5.5/Sq. m) considering the fact that the proposed EZ is located not only in an industrially uninitiated region but also far away from the prominent commercial nodes and EXIM gateways of the country. The proposed EZ is expected to become operational in 2025, the above land tariffs are expected to increase. In order to consider the effect of the same, an escalation of 10% for a block of 3 years on the above tariffs have been considered to evaluate the project returns. **Thus, land tariff for annual lease rent is assumed to be USD 4.7 per sq. m (BDT 37 per sq. ft. per annum). The upfront fee of BDT 740 per sq. ft. has been considered based on the existing ratio of annual lease rental and upfront fee.**

Same annual lease rental has been considered for evaluating project returns in case of PPP developer developing the project. Based on market information, tariff for Standard Factory Building (SFB) has been assumed as **BDT 175 per sq. ft. per annum.**

²⁶⁹ As per benchmarks in Southeast Asian economies such as India, industrial land tariffs increase to the tune of 10% for a block of 3 years

Assumptions for revenue generating from Mark-up on utility charges

As per the land allotment brochures for Government owned EZs in Bangladesh, BEZA levies a service charge (Mark-up of 5%) on the prevailing utility tariffs. The same has been considered as 10% in case of the PPP developer.

Assumptions for revenue generating from EZ Conservancy/Service fees

As per the land allotment brochures for Government owned EZs in Bangladesh, BEZA charges a conservancy charge of **BDT 0.39 per annum/sq. ft. land or factory space**. However, the market rates may differ from the same. In case of the PPP developer, the same is assumed as **BDT 5 per annum/sq. ft. land or factory space**

Assumptions for revenue generating from other sources

As per the land allotment brochures for Government owned EZs in Bangladesh, BEZA charges the following:

- Regulatory permit fees: BDT 500 per permit
- Registration of Industrial unit: USD 500
- Design approval for Industrial unit: BDT 10,000
- Compliance charges for Medical & Environment and Worker's management: to be decided later

The study team has considered 2% top up on gross revenue in the financial model to factor in the above cost. This has been considered when BEZA plays the role of the master developer and it has been waived off in case of the PPP developer developing the project.

In the financial model all revenue related assumptions have been considered in line with the above.

13.3.4. Cost Assumptions

13.3.4.1. Assumptions related to Capital expenses

Case 1: BEZA playing the role of the master developer

For undertaking this project, BEZA has to incur the following cost outlays.

- Cost of land acquisition
- Cost pertaining to resettlement and rehabilitation
- Infrastructure cost
- Other costs (EMP & Pre-operating costs)

Cost of land acquisition and resettlement and rehabilitation

For the development of this Economic Zone, BEZA requires around 402.66 acres of land. The proposed land parcel is spread across 4 Mouzas i.e. Jotherthopur, Mothurabari, Dakkhin Kuturia under Jamalpur Sadar Upazial and Char Pakkhimari under Sherpur Sadar Upazila. These lands constitute of khas/government land and private land. As per primary stakeholder consultations with AC land and UNO officials, total cost of the land acquisition with resettlement and rehabilitation is **~1967.68 Million BDT**.

Cost pertaining to Off-site infrastructure

Infrastructure assessment recommends that for developing this project, BEZA must undertake off-site infrastructure development pertaining to land filling, utility supply and boundary wall. Details of the same are captured in the Infrastructure Assessment chapter. The following table depicts the cost towards the above-mentioned elements.

Table 131: Off-site infrastructure cost estimates to be incurred by BEZA

Description of item	Price without tax (In million Taka)	Responsible Agency
Power network	52.89	BPDB, PGCB
Water supply network	8.52	DPHE, BWDB
Boundary wall	205.22	BEZA
Gas supply	50.00	GTCL
Road network	230.62	BEZA
Project sub-total	547.25	

Source: MACE analysis; costs have been calculated using updated references and scheduled rates of concerned nodal agencies of Bangladesh

Other costs

Cost associated with Environmental Management Plan during construction is considered as ~ **BDT 52.56** million. Detailed break-up of the same has been captured in the Environmental Review chapter

Cost pertaining to On-site infrastructure

Infrastructure assessment recommends that for developing this project, BEZA/Private developer has to undertake on-site infrastructure development pertaining to internal road network, power network, water supply, wastewater treatment, support amenities etc. However, in case of the private developer, cost incurred for development of onsite infrastructure is expected to be higher than that incurred by BEZA. This can be attributed to certain elements being provided by private developer such as power, water and sewage network to individual plots, internal roads etc including SCADA based utility systems monitoring & control systems. Details of the same are captured in the Infrastructure Assessment chapter. The following table depicts the cost towards the above-mentioned elements.

Table 132: On-site infrastructure cost estimates to be incurred by PPP developer and BEZA

Description of item	Cost to be incurred without tax (In million Taka) by BEZA	Cost to be incurred without tax (In million Taka) by Private developer
Site Development	3845.33	3845.33
Road network	1844.62	2305.77
Footpath and plot entry culvert	254.58	254.58
Storm water drain	88.00	88.00
Power supply	834.25	841.51
Water supply	394.20	407.11
Sewage, effluent and solid waste collection/treatment	884.55	890.74
Telecom	113.40	113.40
Sustainable infrastructure elements	14.07	14.07
Support amenities	830.74	830.74
Project sub-total	9,103.72	9,591.24

Source: MACE analysis; costs have been calculated using updated references and scheduled rates of concerned nodal agencies of Bangladesh

In addition to the above, cost pertaining to Standard Factory Buildings has been assumed as BDT 1712/ sq. ft. in case of the PPP developer developing the project (Case 2)

13.3.4.2. Assumptions Related to Operating Expenses

For undertaking this project, both BEZA and/or the PPP developer has to incur the following operating cost outlays.

- Cost of Manpower
- Cost pertaining to operations and maintenance (O&M)

Cost of Manpower

Basis benchmarks of similar developments in Bangladesh context, total cost of manpower (at full utilization level) has been considered as **BDT 20 million for Case 1 and BDT 40 million for Case 2**. It has been assumed that in the 4th year from the start of the project, full utilization of manpower would take place.

Cost pertaining to operations and maintenance (O&M) and Marketing expense

Taking reference from similar projects, **1.25% of total infrastructure cost per annum** towards operations and maintenance (O&M) has been considered for the financial model for Case 1 and Case 2 i.e. BEZA developing the project and PPP developer developing the project respectively.

Financing Assumptions

Case 1: BEZA playing the role of the master developer

Financing assumptions pertaining to Case 1 have been outlined below:

- Debt: Equity= 70:30; Debt could be sourced through concessional loan/ grant
- Precedencies in Bangladesh indicate that BEZA being the apex authority in the domain of organized industrial development in Bangladesh has access to various financial support from donor agencies and multilaterals to drive industrial growth in Bangladesh. Thus, it has been assumed that it could be prudent for BEZA to obtain concessional loan from agencies such as World Bank, International Development Association etc. in order to fund the project.
- For concessional loan: moratorium period- 5 Years (after loan disbursement); rate of interest- 5% per year; repayment period- 15 years
- An equal spread repayment of principal has also been assumed towards repayment of the loan (for example 10% principal repayment every year over 10 years of repayment period or 5% principal repayment every year over 20 years of repayment period).

The developer will be liable to pay income taxes as per Income Tax Ordinance, 1984. As per the ordinance 'Income from Business or Profession' are taxable, the ordinance allows deductions from total income or revenue for cash and non-cash expenses (i.e. depreciation and amortization), to arrive at Net Income before Tax (NIBT). The applicable corporate tax rate is then applied to NIBT to derive income tax to be paid. As per prevailing tax regulations, Income Tax rate of 35% is applicable for any private entity. However, BEZA being a Government agency, no tax liability has been assumed in the model.

Straight Line Method (SLM) of depreciation has been considered and annual depreciation rate of 2.08% has been taken in the model for a project tenure of 50 years. Depreciation assumptions for tax treatment are in line with prevailing corporate income tax ordinance 1984 guidelines in Bangladesh (10% per annum on WDV method).

Case 2: The project being developed by a PPP developer assigned by BEZA

Financing assumptions pertaining to Case 2 have been outlined below:

- Debt: Equity = 70:30; Debt could be sourced from commercial borrowing or loan

- In case of a private developer, commercial loan from financial institutions and banks become a realistic source of obtaining debt in order to fund the project according to prevalent infrastructure funding environment in Bangladesh. However, concessional borrowing, if obtained, through support from BEZA and GoB could improve project returns for any private player developing the project and thus enhance attractiveness of the project. This could depend on various factors such as project potential, market reputation, balance sheet exposure, occupancy risk of the project etc.
- For commercial borrowing: moratorium period- 4 Years (after loan disbursement); rate of interest- 10% per year; repayment period- 8 years
- An equal spread repayment of principal has also been assumed towards repayment of the loan (for example 10% principal repayment every year over 10 years of repayment period or 5% principal repayment every year over 20 years of repayment period).

The developer will be liable to pay income taxes as per Income Tax Ordinance, 1984. As per the ordinance ‘Income from Business or Profession’ are taxable, the ordinance allows deductions from total income or revenue for cash and non-cash expenses (i.e. depreciation and amortization), to arrive at Net Income before Tax (NIBT). The applicable corporate tax rate is then applied to NIBT to derive income tax to be paid. As per prevailing tax regulations, Income Tax rate of 35% is applicable for any private entity.

Straight Line Method (SLM) of depreciation has been considered and annual depreciation rate of 2.08% has been taken in the model for a project tenure of 50 years. Depreciation assumptions for tax treatment are in line with prevailing corporate income tax ordinance 1984 guidelines in Bangladesh (10% per annum on WDV method).

13.3.5. Other Assumptions

Usage Norms for utilities

In furtherance to the utility consumption data obtained from the primary survey, ultimate water and power requirement for each of the industries are based on the applicable industry norms in Bangladesh.

Since, this report captures only the tentative breakup of industries that could be established within the proposed EZ, utility consumption figures have been considered for the industry requiring the highest water and power supply per acre for the entire industrial plot. This is a conservative assumption made to ensure adequate supply of utility within the site in future.

Table 133: Utility Usage Norms

Power Requirement (MW per acre)	Water Requirement (‘000 litres per acre per day)	Gas (Cum/acre/annum)
0.18	34.30	50,000

Source: MACE Analysis & Market intelligence

Based on standard industry benchmarks, 70% of water demand is considered as effluent generated and 60% of water demand is considered as sewage generated

Prevailing tariffs for utilities

Referring to prevailing utility tariffs for EPZs in Bangladesh and other industrial units, following utility tariffs have been considered in the model²⁷⁰:

- Power tariff: **BDT 8.97/unit**
- Water tariff: **BDT 37.56/ ‘000 litres**
- Gas tariff: **BDT 9.80/Cum**
- Effluent treatment tariff: **BDT 33.24/ ‘000 litres**

²⁷⁰ BEPZA rates prevalent in Chattogram Export Processing Zone

- Sewage tariff: **BDT 50/ ‘000 litres**

Industrial space uptake rates

In line with the best practices prevailing in economic zone development, it has been assumed that developer will construct the basic shell infrastructure- public amenities, utilities and roads. This developed land in the proposed EZ will be provided on long-term lease to the industrial tenants. It has also been considered that during the construction period, developer will simultaneously undertake marketing activities for unit plots, to attract investors. Once all infrastructure development is complete, services installed and the proposed EZ is completely ready for operation, the industrial tenants will start moving onto their respective plots. Three scenarios have been created for the industrial space fill rate. Detailed calculation for each of these scenarios are duly captured in the Demand Forecasting chapter.

Aggressive case assumes macro-economic conditions of Bangladesh and the region are improving; macro level economic conditions are improving; land uptake rate will be higher than the anticipated demand. Base case assumes macro-economic conditions of Bangladesh and the micro-market are showing steady trend and behaving as expected; land uptake will be as per anticipated demand. Conservative case considers macro-economic conditions of Bangladesh and the region are showing declining trend; land uptake rate will be lower than the anticipated demand. As per demand forecasting exercise, complete industrial space uptake would take place in 11 years, 10 years, and 9 years respectively for conservative, base, and aggressive cases.

Based on the above stated assumptions, industrial space occupancy for the three scenarios are captured in the following table.

Table 134: Land uptake across three cases

S. No.	Years	Conservative	Base	Aggressive
1	2027	6%	7%	9%
2	2028	10%	12%	15%
3	2029	14%	18%	22%
4	2030	20%	25%	31%
5	2031	25%	32%	39%
6	2032	32%	40%	49%
7	2033	39%	50%	61%
8	2034	46%	58%	71%
9	2035	53%	67%	83%
10	2036	67%	84%	100%
11	2037	93%	100%	100%
12	2038 Onwards	100%	100%	100%

Source: Demand Model

Other assumptions

Referring to prevailing macro-economic conditions of the country and similar benchmarks, following escalation rates have been considered:

- Operating expenses: 3% per annum for both Case 1 & Case 2
- Revenue from space (industrial & Specialized infrastructure): 1% per annum for Case 1 & Case 2

- Revenue from Standard Factory Buildings: 10% per annum only for Case 2
- Revenue from utility mark-up: 7% per annum for both Case 1 & Case 2

13.4. Sensitivity Testing on Key Inputs

The following figure summarises the revenue and cost drivers, and decision-making parameters of this financial model.

Figure 91: Revenue and Cost drivers

Revenue Drivers	Cost Drivers
Parameters	Parameters
Revenue from Upfront payment for Industrial space	Capital expenses
Revenue from annual rent for Industrial space	Operating expenses
Revenue from Upfront payment for Specialized infrastructure space	Interest expenses for commercial borrowing
Revenue from annual rent for Specialized infrastructure space	Interest expenses for concessional borrowing
Mark-up on utility (power, water, gas, water and effluent treatment)	Escalations on capital and operating expenses
Escalations for revenue from industrial & specialized infrastructure space	
Undeveloped land as a % of total land for industrial space	
Undeveloped land as a % of total land for specialized infrastructure space	

Source: PwC analysis

Following parameters have been varied in the sensitivity analysis to assess the most sensitive variable in the financial model for **PPP developer developing the project (conventional Approach)**:

- Annual rent from industrial space/land
- Annual rent from space for specialized infrastructure
- Space allocated for SFB
- SFB rental
- Mark-up charges on utility
- Interest expenses for commercial borrowing
- Escalation rate for revenue from industrial and specialized infrastructure space

Based on the same, a sensitivity check has been carried out to understand the most sensitive parameter (as per the Base case of land uptake), where each of the above-mentioned parameters have been varied by +/- 25% (keeping the other parameters constant) to understand the impact on the project IRR.

Table 135: Sensitivity variation of Project IRR for the Base case and Business as usual scenario – Case 1

Parameters	Project IRR		
	-25%	0%	+25%
Annual rent from industrial space/land	5.84%	6.52%	7.18%
Space allocated to SFB	6.05%	6.52%	6.97%
SFB rental	5.95%	6.52%	7.07%
Escalation on revenue from SFB	5.90%	6.52%	7.22%
Annual rent from specialized infrastructure space/land	6.51%	6.52%	6.53%
Mark-up charges on utility	6.40%	6.52%	6.63%
Escalation rate for revenue from industrial and specialized infrastructure space	6.08%	6.52%	6.94%

Source: PwC Analysis

Upfront fee from industrial space, Annual rent from industrial space, and Mark-up charges on utilities have emerged out to be the most sensitive revenue driver influencing the rate of return from the project.

In order to maximise the return from this project, increasing tariffs of these three parameters would result in maximum returns for both the cases.

13.4.1. Assessment of Project Returns for BEZA

Two tariff plan has been considered while analysing the project return for BEZA: **i) Tariff plan 1 - Tariff rate based on EZs developed with assistance of Government of Bangladesh, ii) Tariff plan 2 - Tariff rate based on the existing land tariff of private EZs.**

The following options have been analysed based on both the tariff scenarios to determine the best case of project returns for Case 1 i.e. BEZA playing the role of the master developer of the project:

- **Option 1: offsite and onsite infrastructure to be developed by BEZA** – In this scenario, it is assumed that BEZA will bear the cost of onsite and off-site infrastructure and both to be recovered through project. Cost of debt is at commercial borrowing rates.
- **Option 2: offsite and onsite infrastructure to be financed by multilaterals** – In this scenario, it is assumed that off-site and onsite infrastructure to be financed by multilaterals on concessional borrowing rate.
- **Option 3: offsite infrastructure to be developed through nodal agencies** – In this scenario, it is assumed that BEZA will outsource costs pertaining to off-site infrastructure to nodal agencies. Cost of debt is at commercial borrowing rates.
- **Option 4: offsite infrastructure to be developed through nodal agencies and on-site infrastructure to be financed by multilaterals:** In this scenario, it is assumed that BEZA will outsource costs pertaining to off-site infrastructure to nodal agencies and onsite infrastructure to be funded by multilaterals on lower interest rate.
- **Option 5: Cost of acquired land will not be considered in project cost:** In this scenario, it is assumed that BEZA will outsource costs pertaining to off-site infrastructure to nodal agencies and onsite

infrastructure to be funded by multilaterals on lower interest rate. Along with that cost of land which has been already acquired by BEZA will not be considered as part of project cost.

- **Option 6: offsite and onsite infrastructure to be developed through Nodal agencies** – In this scenario, it is assumed that BEZA will outsource all infrastructure costs (both off-site and on-site) pertaining to the project to Nodal agencies.

The following table summarises the returns accrued in base case of land uptake considering the Tariff plan 1.

Table 136: Project returns across scenarios – Base case– Tariff plan 1

Scenarios	PIRR	EIRR	Avg. DSCR	BCR ²⁷¹	NPV FCFE (in BDT million)	NPV FCFF (in BDT million)
Option 1: offsite and onsite infrastructure to be developed by BEZA	No return	No return	0.02	0.16	-7855.5	-11366.9
Option 2: offsite and onsite infrastructure to be financed by multilaterals	No return	No return	0.03	0.22	-6424.6	-10768.0
Option 3: offsite infrastructure to be developed through nodal agencies	No return	No return	0.03	0.16	-7409.3	-10718.7
Option 4: offsite infrastructure to be developed through nodal agencies and on-site infrastructure to be financed by multilaterals	No return	No return	0.06	0.23	-5993.3	-9930.6
Option 5: In addition to option 4, Cost of acquired land will not be considered in project cost	No return	No return	0.07	0.25	-5211.5	-8586.5
Option 6: offsite and onsite infrastructure to be developed through Nodal agencies	8.13%	11.85%	1.34	0.88	-13.8	-490.6

Source: Financial Model; #

It can be observed that project is not feasible based on tariff plan 1 which is based on EZs developed with assistance from GoB. This further validates the requirement for increase in tariff. The study team has further carried out feasibility assessment based on increased tariff. Table below summarises the returns accrued in base case of land uptake considering the Tariff plan 2 (values pertaining to Conservative, and Aggressive cases have been furnished in Annexure 26).

²⁷¹ Weighted average cost of capital is used as discount factor in BCR calculations with cost of equity as 12%. Calculations pertaining to cost of equity of 10% and 15% have been furnished in Annexures of this report

Table 137: Project returns across scenarios – Base case – Tariff plan 2

Scenarios	PIRR	EIRR	Avg. DSCR	BCR ²⁷²	NPV FCFE (in BDT million)	NPV FCFE (in BDT million)
Option 1: offsite and onsite infrastructure to be developed by BEZA	3.27%	2.74%	0.43	0.38	-4783.2	-7618.5
Option 2: offsite and onsite infrastructure to be financed by multilaterals	4.12%	4.51%	0.65	0.52	-3235.1	-4514.6
Option 3: offsite infrastructure to be developed through nodal agencies	3.50%	3.07%	0.46	0.40	-4384.7	-7072.5
Option 4: offsite infrastructure to be developed through nodal agencies and on-site infrastructure to be financed by multilaterals	4.36%	4.88%	0.69	0.54	-2919.3	-4001.1
Option 5: In addition to option 4, Cost of acquired land will not be considered in project cost	5.12%	6.05%	0.82	0.60	-2089.2	-2562.7
Option 6: offsite and onsite infrastructure to be developed through Nodal agencies	16.95%	40.55%	3.97	2.16	2114.6	2078.6

Source: Source: Financial Model; #BCR and NPV values with 10% and 15% cost of equity is furnished in annexure

*Return are high in option 6 as offsite and onsite infrastructure are developed through assistance of nodal agency and cost of infrastructure is not recovered through project revenue.

It can be observed that tariff plan improves the project financial returns across options substantially. The returns are still below the Weighted average cost of capital (Which is 7.1% and 9.9% in case of multilateral and commercial funding consecutively) in all cases apart from option 6. However, it is not recommended to adopt tariff plan 2 for option 6.

In order to make the project financially viable in case of Option 3(offsite infrastructure to be developed through nodal agencies), BEAZA may consider charging higher lease rentals, but high rentals may negatively impact the uptake of land. However, considering the same land uptake rate, BEZA should charge lease rental of rental of ~102 BDT/sq. ft/year to match project IRR with weighted average cost of capital (WACC) which is 9.9%.

In next section the study team has explored the Queen bee strategy to which can help BEZA to further improve the projects return.

Queen Bee Strategy

The Queen Bee Strategy involves attracting anchor investors to economic zones through concessions in upfront fees and charging nominal yearly lease. Ancillary industries generally follow the anchor industries and set up shop in the economic zones to cater to requirements of the anchor industries. The ancillary industries can be charged tariff in line with private economic zones tariff to compensate for the concessions given to anchor industry. The study team has assumed that 50-acre land will be offered to anchor tenant at nominal annual lease rental of **BDT 1/Sq. Ft/year**. Anchor tenant will attract original equipment manufacturers, Small and medium enterprises across the value chain of the product.

²⁷² Weighted average cost of capital is used as discount factor in BCR calculations with cost of equity as 12%. Calculations pertaining to cost of equity of 10% and 15% have been furnished in Annexures of this report

This will amplify the land demand within proposed EZ and this will result in faster land uptake. Based on benchmark of EZs/industrial zones it has been observed that uptake time is generally reduced by 50%. Hence, the study team has assumed an uptake time of 7 years. Considering the demand generated by the anchor tenant OEMs/SMEs would be attracted to setup unit in proximity. This can be leveraged by BEZA and a higher tariff can be charged from the ancillary units to coup the upfront cost of the anchor tenant.

The tariff rate for remaining industrial plot has been benchmarked based on the private EZs in the country. Private economic zones such as Meghna Industrial Economic Zone (Narayanganj), Bay Economic Zone, Abdul Monem Economic Zone which are located in close proximity to Dhaka, charge tariffs ranging from USD 7 to USD 12 per sq. m per annum (~ BDT 95 per sq. ft. per annum) to USD 7 per sq. m per annum (~ BDT 55 per sq. ft. per annum). The average annual lease tariff for industrial land in the private EZ is USD 9.5 per sq. m.

The private EZs which are considered as benchmark are located in close proximity of Dhaka which is countries largest urban agglomeration and consumption centre. While proposed EZ at Jamalpur is located in the Northern part of Bangladesh with no significant industrial proliferation in the region and also located away from commercial centres such as Dhaka and Chattogram. Apart from that these private EZs have better access to Chittagong Port. Hence, the land tariffs are assumed to be 30% lower than average lease rental of private EZs (annual rent of USD 9.5/Sq. m) considering the location disadvantage of the proposed EZ in terms of its access to domestic markets.

The proposed EZ is expected to become operational in 2025, the above land tariffs are expected to increase. In order to consider the effect of the same, an escalation of 10% for a block of 3 year. Tariff for industrial land has been assumed as **lease rental of BDT 68 per sq. ft.** per annum and upfront fee of **BDT 1360 per sq. ft.** for remaining industrial land other than offered to anchor tenant for evaluating project returns.

The flowing table elucidate the returns accrued in case BEZA adopts queen bee strategy to BEZA as per mentioned options in previous section for the Base case of land uptake.

Table 138: Project returns in queen bee strategy Base case – Queen Bee Strategy

Scenarios	PIRR	EIRR	Avg. DSCR	BCR ²⁷³	NPV FCFE (in BDT million)	NPV FCFF (in BDT million)
Option 1: offsite and onsite infrastructure to be developed by BEZA	6.27%	8.07%	0.86	0.64	-1362.1	-3845.0
Option 2: offsite and onsite infrastructure to be financed by multilaterals	7.17%	11.16%	1.09	0.81	-229.9	101.8
Option 3: offsite infrastructure to be developed through nodal agencies	6.60%	8.89%	0.91	0.67	-977.9	-3341.1
Option 4: offsite infrastructure to be developed through nodal agencies and on-site infrastructure to be financed by multilaterals	7.53%	12.31%	1.15	0.85	78.4	581.2
Option 5: In addition to option 4, Cost of acquired land will not be considered in project cost	8.80%	17.31%	1.35	0.95	921.4	1963.4
Option 6: offsite and onsite infrastructure to be developed through Nodal agencies	29.42%	75.43%	4.98	3.50	4395.0	4950.6

It has been observed that if BEZA adopts the queen bee strategy it improves the project returns across all options. The returns are still below the bankable threshold (i.e. < 13% to 14%) for all options other than option 5, where offsite and onsite infrastructure are being developed by the nodal the concerned nodal agencies.

Considering the BEZA’s objective of economic development through manufacturing based employment generation. This project appears to be financially feasible (as project fetch higher return than WACC of 7.1%) in option 4 of queen bee strategy;

The project fetches highest return (8.52%) is case of option 4 i.e. if BEZA decides to play the role of developer and the offsite infrastructure to be developed through nodal agencies and on-site infrastructure to be financed by multilaterals.

However, the queen bee strategy would be successful only in case if BEZA will be able to attract anchor tenants to the proposed EZ.

13.5. Assessment of Project Returns for the PPP Developer

In this model, the PPP developer shall inject equity in the SPV and borrow debt from financial institutions through Special Purpose Vehicle (SPV) to execute the project. The SPV shall obtain necessary regulatory approvals from BEZA and other regulatory bodies. The SPV shall lease out the industrial space and provide utility services to the industrial units against the lease payments, conservancy /service fees and utility markup whereas cost related to land acquisition and off-site infrastructure development is to be borne by BEZA.

International Competitive Bidding methodology is generally followed to shortlist the preferred bidder to exercise the best outcome and to maintain complete transparency. Bidders are chosen on the basis of their technical

²⁷³ Weighted average cost of capital is used as discount factor in BCR calculations with cost of equity as 12%. Calculations pertaining to cost of equity of 10% and 15% have been furnished in Annexures of this report

capabilities, and experience of handling similar projects globally together with their commercial competency in lieu of pre-determined financial specifications. Similar methodologies have been followed in case of other PPP economic zone projects in Bangladesh. Mirsarai Phase I and Mongla EZ are the only two examples where PPP project structuring was devised in economic zone development projects. Keeping cognizance of the past examples of PPP transactions in Bangladesh in the EZ space and in the global context, two broad approaches have been analyzed to assess the project returns for the private developer.

13.5.1.1. Approach-1: Conventional PPP

Conventionally in case of PPP transactions, the regulatory authorities generally follow the competitive bidding procedure which judges' bidders based on their technical know-hows and certain commercial strengths. To shortlist the most capable or financially stable bidders, certain bid parameters (or modes of pay-outs) are considered. These pay-outs are devised to recover the costs borne by the authorities to facilitate the project. Similar approach has been prevalent in case of both Mirsarai Phase I and Mongla economic zone development projects, which were structured on the PPP route. For BEZA to recover its cost related to land acquisition and off-site infrastructure development, the following pay-out scenarios (or a combination of them) was devised:

- Upfront payment (capped at BDT 600 million taking benchmark of previous PPP transactions of BEZA)
- Annual Land lease
- Gross revenue share
- Equity Stake by BEZA in the SPV (and subsequent dividend pay-out)

Therefore, in order to determine the best mode of pay-out amongst the above-mentioned scenarios, all the pay-out scenarios and their necessary combinations have been evaluated to understand which one or which combination of these helps BEZA in recovering its cost outlay for the project. This is estimated by the ratio of the NPV of BEZA's income from the PPP developers (subject to the above-mentioned scenarios) to the NPV of its cost outlay throughout the tenure of the project. The combination of the above-mentioned modes pertaining to which the NPV of cost equals that of income is deemed best for BEZA to go forward with.

As per the simulations²⁷⁴, it was evident that **combinations corresponding to upfront payment, annual land lease and revenue share present the most viable option for BEZA** in terms of determining the project structuring. Thus, combination of **upfront payment (BDT 600 million), together with an annual land lease (BDT 3.50 per sq. ft. per annum) and a revenue share to BEZA (3.00%)** emerges as the most suitable option for BEZA in case it embarks on the conventional approach. However, this simulation is hypothetical in nature based on BEZA's prerogative to recover its cost outlay with respect to the project and moreover, the determined values project an ideological viewpoint on the magnitude of the pay-outs (which could be altered in different combinations to suffice BEZA's objective) that could be charged by BEZA.

Following table indicates the various financial ratios when the conventional approach is adopted.

Table 139: Project returns in the Base case for the PPP developer- Conventional Approach²⁷⁵

Scenarios	PIRR	EIRR	Avg. DSCR	BCR ²⁷⁶	NPV FCFE (in BDT million)	NPV FCFF (in BDT million)
Conventional approach	5.79%	5.81%	0.29	0.86	-5541.0	-6910.0

²⁷⁴ Results of the simulation with different combinations have been furnished in Annexure 22

²⁷⁵ Project returns across Conservative and Aggressive scenarios are furnished in Annexure 26

²⁷⁶ Weighted average cost of capital is used as discount factor in BCR calculations with cost of equity as 12%. Calculations pertaining to cost of equity of 10% and 15% have been furnished in Annexures of this report

Source: Financial Model; #BCR and NPV values with 10% and 15% cost of equity is furnished in annexure

The project return reduces to 5.31% and in base case when mark-up on utility is not charged, which shows that mark-up charge on utility have a marginal impact on project return in case of conventional approach.

It is evident that this project generates unattractive returns for a PPP developer when the PPP developer is making pay-outs to BEZA.

13.5.1.2. Approach-2: Assistance from BEZA

Ultimate objective of BEZA and GoB behind developing this EZ project is to promote employment and to uplift the socio-economic status of the region surrounding this project. Although the conventional approach involves certain pay-outs from the PPP developer to BEZA, above discussions entail that the same would lower the financial returns of the PPP developer.

Traditionally, in case of PPP projects, the developer is liable to make certain pay-outs to the regulatory authority (in this case BEZA) for it recover its cost lay-out. However, globally there are precedencies of projects which have been developed through the PPP route without involvement of any pay-outs to the authorities regulating them. Since, the ultimate objective of BEZA through this project is overall socio-economic upliftment of the region through employment generation, thus, to make the proposition of developing the proposed EZ attractive, BEZA may consider foregoing pay-outs for the private developer. Similar examples have been adopted in the past in developed economies to promote private sector participation in industrial projects. One such successful case in point is the Panama Pacifico SEZ project in the Republic of Panama. A case study pertaining to the same has been furnished in the Annexure of this report. Although, Bangladesh does not have similar precedencies in case of PPP transactions, however, globally successful PPP projects have adopted PPP project structuring route sans the pay-out criteria as demonstrated in the case study mentioned above.

Globally in PPP projects, Government/ authority considers certain grants and fiscal stimuli to support the private sector so that the project is financially feasible as well as attains the ultimate objectives of employment generation and socio-economic development for the community.

To promote private sector inclusion and thus create more efficiency and dynamism in developing similar industrial projects, BEZA and GoB may consider certain fiscal stimuli to the PPP developer so that the projects yields attractive financial returns. The same can be formulated through any (or combination of) the following approaches-

- Waive off the pay-outs to BEZA
- Any nature of grant through VGF/ annuity

In order to further improve the project profitability under such circumstances, mechanisms such (i) Funding the project through an equal combination of Commercial and Concessional Loan, (ii) Modification in Bid parameters with BEZA foregoing full recovery of its cost layout, and (iii) infusion of financial stimuli in the form of Viability Gap Funding or Annuity or a combination of both was explored. Analysis demonstrates that none of these mechanisms succeed in improving the profitability of the project above desired levels (i.e. >13% -14%) in terms of the returns it offers. Alternatively, even a combination of VGF and Annuity to the tune of 40% of the project cost fails to improve the project returns to a viable extent. Thus, it can be concluded that the project does not renders PPP-ability for BEZA even when it follows the unconventional approach or foregoes full recovery of its cost associated with the project.

Table 140: Project returns in the Base case for the PPP developer- Assistance from BEZA Approach²⁷⁷

Scenarios	PIRR	EIRR	Avg. DSCR	BCR ²⁷⁸	NPV FCFE (in BDT million)	NPV FCFF (in BDT million)
Without Pay-out to BEZA approach	6.52%	6.73%	0.37	0.89	-4262.2	-5569.9

Source: Financial Model; #BCR and NPV values with 10% and 15% cost of equity is furnished in annexure 26

The project return reduces to **5.98%** in base when mark-up on utility is not charged and makes it further unattractive.

The project (which was financially not attractive in conventional approach) yields similar unattractive returns even when BEZA foregoes the pay-out criteria based upon the strategic importance of the project and to imbibe private sector efficiency into it. Thus, it can be concluded that the project is not suitable for PPP route considering the low return on investment.

In order to improve the returns and bankability of the project, mechanisms such (i) Funding the project through a combination of Commercial and Concessional Loan, (ii) Modification in Bid parameters with BEZA foregoing full recovery of its cost layout, and (iii) infusion of financial stimuli in the form of Viability Gap Funding or Annuity or a combination of both could also be explored. Combination of VGF and Annuity to the tune of 40% of the project cost also fails to improve the project returns (9.31%) to a viable extent (i. e. < 13% to 14%).

Evidently, it will not be prudent for BEZA to explore the PPP route in developing this project as it would be difficult for them to on-board PPP developers of domestic and international repute, even when it offers additional fiscal assistance (beyond foregoing pay-outs) in form of VGF/ annuity, assistance to obtain concessional borrowing options.

13.6. Conclusions and Recommendations

Financial modelling exercise highlights the entire gamut of cost and revenue assumptions taken in order to evaluate the financial feasibility for BEZA which would envisage development and operation of the proposed EZ. It is to be noted that this financial modelling exercise takes into consideration two cases viz. Case 1 - where BEZA is playing the role of a master developer for this project and Case 2 – where BEZA assigns a PPP developer to develop the project thus imbining private sector efficiency into the project. The following key points elucidate on the findings of the financial modelling exercise.

- This project is financially unattractive when BEZA plays the role of a master developer and subsequently incurs all pertinent cost of development.
- To make this project financially attractive, BEZA may consider off-loading the infrastructure development activities through nodal agencies. BEZA could develop the project as the developer of the project from the perspective of socio-economic upliftment of the communities through manufacturing-based employment generation.
- This project appears to be financially feasible if BEZA adopts the queen bee strategy (as project fetch higher return than WACC and NPV for the project is positive), and the offsite infrastructure is developed through nodal agencies and on-site infrastructure is financed by multilaterals.
-

²⁷⁷ Project returns across Conservative and Aggressive scenarios are furnished in Annexure 25

²⁷⁸ Weighted average cost of capital is used as discount factor in BCR calculations with cost of equity as 12%. Calculations pertaining to cost of equity of 10% and 15% have been furnished in Annexures of this report

-
- BEZA can develop the project as developer of the project with assistance from nodal agencies and multilaterals. The proposed EZ at Jamalpur could lead to economic and industrial development of northernmost Bangladesh, which remains industrially uninitiated. It could also propel Bangladesh's potential to tap into the EXIM opportunities with India, Nepal and Bhutan through the region. Thus, BEZA could consider this project more from a strategic perspective and act as a developer of the project with assistance from GoB or respective nodal authorities/multilaterals.

14. Economic Modelling

14.1. Purpose and Objective

The objective of economic modeling is to analysis and quantify the impact of the development of the proposed Economic Zone on the economy of Bangladesh. The impact of an industrial project can be adjudged based on its potential to affect the indigenous population or the local communities positively. This can be computed through a qualitative economic impact analysis, which demonstrates the project's ability to influence the economy of the micro market and regional population. Likewise, its quantification is determined through the calculation of the Economic Internal Rate of Return (EIRR). Financial analysis (or Financial IRR) estimates the return accruing to the project operating entity (EZ developer), whereas Economic Internal Rate of Return (EIRR) estimates the return on the investment to the national economy. Economic analysis is essential to develop a rationale for Government of Bangladesh to support the development of the proposed EZ and illustrate the measure of the accrued economic benefits.

14.2. Economic Impact Analysis

Economic modelling quantifies the economic benefits of a particular project to the government but does not quantify the impact on local population. The motive of this section is to scale the impact of the project on the economy of the micro market and regional population. The indirect impact of the project are more than direct visible impacts. Economic impact analysis framework analyzes the impact of the project on basic five capitals of community which are essential part of any social development.

14.2.1. Core features of the Economic Impact Analysis Framework (EIAF)

The EIAF will help to analyze the impact of project on the micro level, local population and the people who will lose or gain maximum from the proposed project. The framework will broadly analyze the impact of project on following aspects.

- Education, information, technologies, training and better nutrition, and health;
- Social environment;
- Natural resources;
- Basic infrastructure;
- Access to financial resources; and
- Policy and institutional environment that supports multiple livelihood strategies and promotes equitable access to competitive markets for all.

The application of the Economic Impact Analysis framework (EIAF) involves consideration of the following aspects:

- **Human Capital:** It represents the abilities, experience, work skills and the physical state of good health which, when combined, allow populations to engage with different strategies and fulfil their own objectives for their livelihoods.
- **Social Capital:** It refers to the social resources, which populations will rely on when seeking their objectives relating to livelihoods (in the present study this refers specifically to local social capital, this being networks, associations, local authorities, local officials and broader population receiving program assistance).
- **Natural Capital:** It is the term used to refer to the stocks of naturally occurring resources (soil, water, air, genetic resources, etc.) which can be used as inputs to create additional benefits, such as food chains, protection against soil or coastal erosion, and other natural resources which can support livelihoods.

- **Physical Capital:** This refers to the basic infrastructure and production inputs needed to support livelihoods.
- **Financial Capital:** This refers to the financial resources which population employ to achieve their objectives regarding livelihoods.

14.2.2. Core Concept of the Economic Impact Analysis Framework (EIAF)

The EIAF approach aims to focus on the development of the people which is equally important at higher levels (when we think about the achievement of objectives such as poverty reduction, economic reform or sustainable development) as it is at the micro or community level (where in many cases it is already well entrenched). At a practical level, this means that the approach:

- starts with an analysis of people’s livelihoods and their economic conditions and how these conditions have been changing over time;
- focuses on the impact of different policy and institutional arrangements upon people/households and dimensions of poverty (rather than on resources or overall output);
- works to support people to achieve their livelihood goals

Development activity tends to focus either at the macro or micro level. The EIAF approach attempts to bridge this gap, emphasizing the importance of macro level policy and institutions to the livelihood and economic options of communities and individuals on micro level.

The first step is to propose a way to provide a qualitative evaluation, which can also act as a numerical quantifier, of each capital relevant to the formation of sustainable economic development. Typical ranges are between 0 -5. an analysis of the proposed development will be judged on basis of following:

- Unsustainable: $0 \leq \text{capital} < 1$
- Limited sustainability: $1 \leq \text{capital} < 2$
- Sustainable: $2 \leq \text{capital} < 3$
- Progressively sustainable: $3 \leq \text{capital} < 4$
- Abundant: $4 \leq \text{capital} \leq 5$

The framework considers different parameters under five capital to analyze the projects impact on the micro level. These parameters are decided based on the impact that project would have on regional population. The following parameters have been analyzed under each capital which have impact on economic development of the region.

Table 141: Impact indicators under each capital

Sl. No.	Human Capital	Physical Capital	Financial Capital	Natural Capital	Social Capital
1	Capacity Building in government institution	Infrastructure development	Increase in services for local development	Sustainable industrialization	Issues of Rehabilitation and resettlement
2	Training for project stakeholders	Improved productivity	Increase in value for regional produce	Introduction of sustainable industrial practices	Community participation
3	Capacity building for local residents	Investment in production infrastructure	Impact on minimum daily wages for unskilled labour	Environmental Sustainability	Promotion of the participation of different actors

Sl. No.	Human Capital	Physical Capital	Financial Capital	Natural Capital	Social Capital
4	Institutional intervention	Technology transfer	Indirect employment generation	Introduction of eco-friendly energy production	Positive impact on existing social webs

Source: PwC Analysis

14.2.3. Assumptions

Following table summarizes the assumptions and their sources which have been taken into account for quantifying the impact of the proposed development.

Table 142: Assumptions for Economic Impact Analysis

Attributes	Assumptions	Source
Human Capital		
Literacy Rate	31.80%	Bangladesh Bureau of Statistics
Unemployment Rate	4.15%	Bangladesh Bureau of Statistics
Institutional Intervention	Very few as of now, Not organized	NA
Financial Capital		
Per Capital GDP (Nominal USD) ²⁷⁹	1,461	Bangladesh Bureau of Statistics
Poverty Rate	51.1%	World Bank
Score on Global food security index parameters	53.2	Food Security index by Economist Intelligence Unit
Indirect employment generation factor	0.7	Standard from developing countries
Physical Capital		
Existing physical infrastructure	Basic infrastructure	Site Visit
Industrial Infrastructure	Basic infrastructure	Site Visit
Existing production technology	In process of modernization	Secondary Research
Natural Capital		
Industrial practice	Manual or semi-mechanized	PwC Research
processing units	Very few	PwC Research
Industrialization in region	Few	PwC Research
Means of industrial energy	Mostly from non-renewable sources, 93% of the country's power producing thermal plants are gas-based	Energypedia
Social Capital		
Rehabilitation	Resettlement is required for the chunk of land parcel	Site visit

Source: PwC Analysis

²⁷⁹ Estimated for 2018, the country's per capita GDP is for year 2018

14.2.4. Results

All the impact parameters are rated based on the assumptions and the impact it would have on local economy.

Table 143: Results of Economic Impact Analysis

Different form of capital in sustainable projects and there rating on scale of 5							
Sl. No.	Impact Indicators	Human Capital	Physical Capital	Financial Capital	Natural Capital	Social Capital	Marking Rational
1.	Capacity Building in government institution	5					Existing expertise pertaining to industrial processing is moderate
2.	Training for project stakeholders	4					Basic training for local administrative agency is required for implementation of project, it will have trickle down impact on local population
3.	Capacity building for local residents	5					Knowledge related to industrial practices will trickle down from EZ industries to the locals
4.	Institutional intervention	4					Institutional intervention is required for making project viable, and would have major effect on knowledge base of local population
5.	Infrastructure development		5				As of now presence of physical infrastructure is not developed in immediate region, the proposed project demands development of other industrial infrastructure which will further boost economy in the region
6.	Improved productivity		4				The proposed industrial facilities will boost the industrial productivity in the region
7.	Investment in production infrastructure		5				To become more sustainable industrial processing units will tends towards investing more in local production infrastructure that in turn will help in local procurement of raw materials
8.	Technology transfer		5				Bangladesh lags in technological advancement in industrial sector, the investment from outside country will help in technology transfer to country as well as in local region
9.	Increase in services for local development			5			Once the EZ will start working in full fledge it will attract other services such as banking, security, local market etc. which will equally benefit the local population
10.	Increase in value for regional produce			5			Industrialization in the region will boost the demand for other FMCG and other daily consumable goods, this will provide the

Different form of capital in sustainable projects and there rating on scale of 5

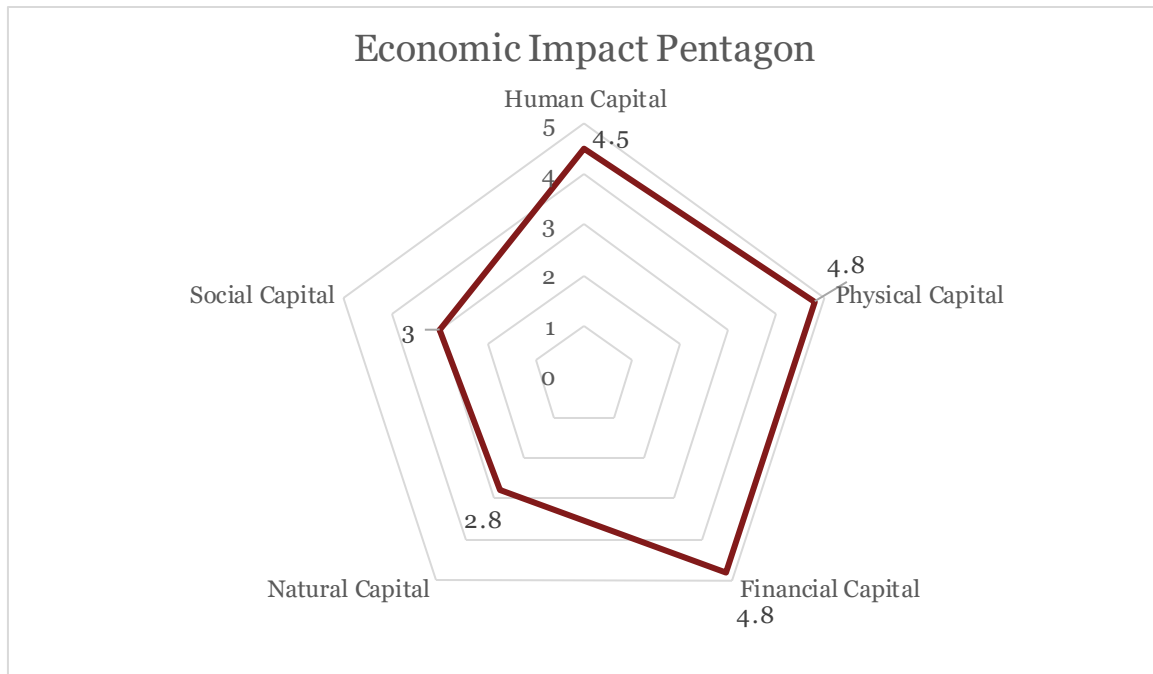
Sl. No.	Impact Indicators	Human Capital	Physical Capital	Financial Capital	Natural Capital	Social Capital	Marking Rational
							market for regional produce, that will increase the value for regional produce in turn
11.	Impact on minimum daily wages for unskilled labour			4			60% of the total employment generated by the proposed EZ will for unskilled labour, development of this scale will boost the labour demand directly and indirectly in the region
12.	Indirect employment generation			5			The proposed development will require various services for industries and employee engaged in these industries on local level which will generate indirect employment for locals.
13.	Sustainable Industrialization				3		The proposed development will promote environmentally sustainable industrialization under guidance and instruction of various governing agencies
14.	Introduction of sustainable industrial practices				4		The proposed development will attract a lot of investment and competition within firms will promote sustainable industrial practice
15.	Environmental Sustainability				3		The proposed development will have negative impact on local environment, as it would disturb the regional ecosystem
16.	Introduction of eco-friendly energy production				1		The proposed do not have any component to promote eco-friendly energy production
17.	Issues of Rehabilitation and resettlement					1	Rehabilitation is required as the proposed EZ has a part of private land
18.	Community participation					4	The proposed development will promote community participation by increasing demand for various services for smooth functioning of EZ
19.	Promotion of the participation of different actors					3	The EZ will promote participation of different stakeholders from local community in limited scope
20.	Positive impact on existing social webs					4	Development of this scale will help in strengthening social ties by providing platform for locals to interact with each other.
	Average Impact on capital	4.5	4.8	4.8	2.8	3.0	

Source: PwC Analysis

14.2.5. Economic Impact pentagon

The pentagon summarizes the impact of proposed development on different types of capital; which have impact on micro level economy. It is the average of impact on each parameter under different capital. Value on each arm of pentagon shows the scale of impact on that particular capital of local population of region.

Figure 92: Economic impact on micro market population



Source: PwC Analysis

From the economic impact pentagon, it can be inferred that apart from natural capital, the project has progressively sustainable impact on the different capital of the micro market. It can be concluded that the envisaged EZ is sustainable and will help in uplifting the economic condition of the population in the area or residing in the project impact region.

In order to quantify this impact on the macro economic landscape of the country, Economic Internal Rate of Return (EIRR) is calculated. It quantifies the economic benefits that will be attributed to the macroeconomy due to the development of the proposed EZ at Jamalpur.

14.3. Methodology of Economic Modelling

14.3.1. EIRR Framework

EIRR is a holistic approach which takes into consideration the following stakeholders (directly/ indirectly) associated with the project:

- The project financiers (whose return was calculated as the financial internal rate of return),
- The employment (both direct and indirect employment during construction and during operation period) generated because of the project,
- The suppliers and customers of the project,
- Residents who are being affected by the implementation of the project and

The purpose of EIRR calculation is directly aligned with the objectives of the multilateral agencies i.e. alleviation of poverty, employment generation and overall development of the country.

EIRR replicate the wider spectrum of project on regional and countries economy. The model accounts the direct benefit in form of tax and VAT to the government as well as employment which will be generated due to the project.

The Economic Rate of Return (ERR) can loosely be defined as “The net benefits to all members of society, as a percentage of cost, taking into account externalities and other market imperfections.” In a Harvard Business School Professor Benjamin Esty defined a two-step process for calculating an Economic Rate of Return. This method is described briefly thus:

$$EIRR = \text{Actual Revenues} - \text{Opportunity Costs}$$

$$= \text{Actual Revenues} - \text{Opportunity Costs} + (\text{Actual Costs} - \text{Actual Costs})$$

$$= (\text{Actual Revenues} - \text{Actual Costs}) + (\text{Actual Costs} - \text{Opportunity Costs})$$

$$EIRR = \text{Private Returns} + \text{Cost Gains, where}$$

$$\text{Private Returns} = \text{Actual Revenues} - \text{Actual Costs}$$

$$\text{Cost Gains} = \text{Actual Costs} - \text{Opportunity Costs}$$

This simple calculation assumes the exclusion of taxes and other social complexities.

The analysis presented above highlights the fact that there is a difference between Private and Social Returns. Though the difference between opportunity costs and actual costs is the only difference noted above, other reasons for this difference could include:

- Taxes, Tariffs and other forms of Government intervention which could reduce private returns;
- Transaction Costs; and
- Non-market effects such as the impact of the project on the environment.

In addition to highlighting the differences between the EIRR and the FIRR (or social returns and private returns), the analysis also shows, through the gains in costs, that investments in large-scale projects should result in economic development. Model works on principal of with project and without project scenario, so all tax subsidies have been excluded for computation of EIRR. The impact of inflation has been excluded while calculating the EIRR.

Economic analysis requires quantification of various costs and benefits converted to ‘economic equivalent’ terms. EIRR also requires identification of ‘externalities’ and valuation of inputs and outputs at their true economic prices, or the ‘opportunity costs’.

Financial analysis only looks at the project from the perspective of the implementing agency (the private developer). Financial analysis is only concerned with line items that entail monetary outlays. Economic analysis on the other hand looks at cost and associated benefits to the economy. In economic analysis, a resource must be priced at its opportunity cost (its value in the best possible use), even if it is obtained free since use of the resource is a cost to the economy. Economic analysis measures both the positive and negative impact of the project .

The economic cost reflects the degree to which the consumption elsewhere in the ecosystem is sacrificed due to the diversion of the resources required for the project. Whereas, the economic benefit portrays the extent to which the project contributes to the increasing value of consumption available to the society.

Some important aspects to be considered while undertaking economic analysis are:

- Economic analysis is considered at constant prices in local currency terms. Thus, in case of accounting for economic costs and benefits, all costs and benefits must be measured in ‘real’ terms. In such analysis, all the costs and benefits are considered at the commencement year.
- For undertaking the economic analysis, financial costs are to be converted to their economic cost equivalents. By and large the financial components are capex (capital investment in land, construction cost etc.) and Opex (operational expenditure).
- Items like taxes, duties and subsidies included in the financial cost are excluded as these are market distortions.

- Debt service costs (interest during construction) are not included as economic cost in the analysis as the same doesn't require usage of resources.
- Cost owing to Environmental Management Plan has been included in the economic cost calculation.

14.3.2. Methodology Adopted

The economic analysis for proposed EZ was undertaken in three major steps:

- Step 1:** In this step, the total economic cost for the project was calculated. All the direct costs (both capital expenditure and operational expenditure) associated with the project development were enlisted and broken down into the three factors of production viz. capital (material and equipment), land and labour. The pertinent financial costs were converted to the economic costs using conversion factors as elucidated above.
- Step 2:** The financial benefits from the proposed EZ project was calculated and converted to economic terms to capture the economic benefits which (directly/indirectly) impact the economy of Bangladesh. In this step, the cumulative economic benefit accrued from this project was computed.

Economic benefits considered are:

- 1) Value added in export owing to the industrial activities within the economic zone.
 - 2) Economic benefit (through gains for the exchequer) as a result of the industrial operations within the proposed EZ
 - 3) Employment generation owing to the development of the proposed economic zone. Minimum wage rate prevalent in Bangladesh, SWRF, and SERF have been considered to arrive at the economic value of the total employment generated.
 - 4) Tax paid by the developer is a gain (economic benefit) for the exchequer.
- Step 3:** Economic return for the project tenure was calculated by deducting the economic cost from the total economic benefit. IRR was calculated considering the base case.

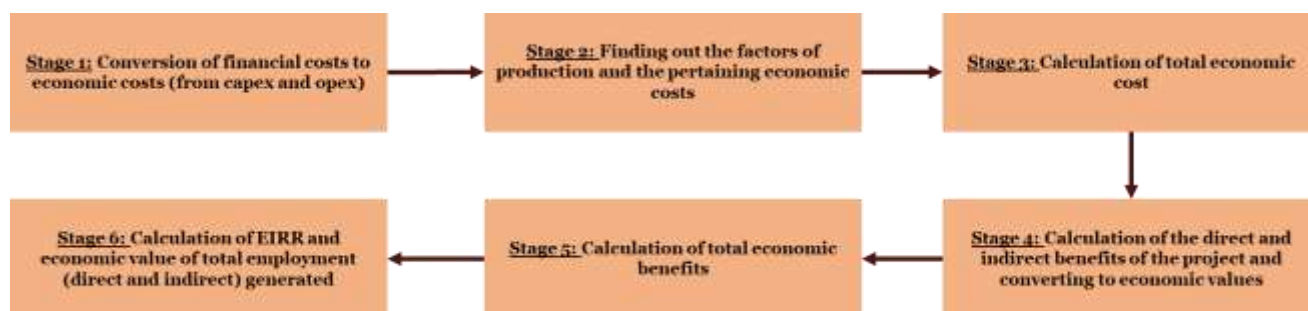
Economic modelling exercise has been undertaken for three scenarios as elucidated in the following-

- Aggressive scenario: Macro-economic conditions of Bangladesh and the region are improving; Potential infrastructure projects are commencing prior to CoD
- Base scenario: Macro-economic conditions of Bangladesh and the region are showing steady trend and behaving as expected; potential infrastructure projects are commencing as scheduled
- Conservative scenario: Macro-economic conditions of Bangladesh and the region are showing declining trend; potential infrastructure projects are delayed

Proceeds from the demand forecasting exercise have been taken into cognizance to undertake the economic modelling exercise for the above stated three scenarios. Industrial space uptake rates and number of industrial establishments have been considered to undertake this economic modelling.

The approach & methodology adopted for each of the three scenarios has been illustrated in the following diagram.

Figure 93: Framework for Economic IRR calculation



Source: PwC Analysis

14.4. Assumptions, Inputs and Variables

The Economic IRR for the project has been calculated considering economic costs and benefits generating out of the project over the project tenure. The assumptions adopted for computation of economic IRR are based on the assumptions as depicted in our financial analysis. Base case was used for calculating the EIRR for the project. In addition to the above, the following assumptions were considered for arriving at the EIRR:

- **Environmental costs:** Costs related to Environment have been also included in the model. Costs associated with technical support, development of green belt, solid and hazardous waste management, waste and wastewater, construction safety etc. have been included as part of capital expenditure. In the operational expenditure section, maintenance costs for heads like operation of CETP/ STP/ waste facilities, establishment & training and monitoring of performance indicators have been considered.
- **Capital Expenditure (Capex):** The capex incurred for various components (for both on-site and off-site infrastructure components) of the project is obtained from the financial model. This has further been segregated into three components:
 - a) Material – 50% of total capex
 - b) Equipment – 30% of total capex
 - c) Labour – 20% of total capex
- **Operating Expenditure (Opex):** We have assumed that 90% Opex will generate on account of the materials and consumables; 10% of Opex will generate on account of the equipment. The operating cost for personnel is calculated separately in the economic model.
- **Import of Equipment:** We have assumed that 75% of the equipment and machinery used for the project would be imported. This is based on the standard practice and market benchmark of similar industries in Bangladesh.
- Capex and Opex have been converted to economic equivalents/ market costs using the following assumptions:
 - **Shadow Exchange Rate Factor (SERF)** of 1.05 was considered. The basis is that BDT is overvalued by about 5%.²⁸⁰
SERF is the ratio of economic price of foreign currency to its market price. Alternatively, it is the ratio of the shadow to the official exchange rate. For economic analysis using the domestic price numeraire, the SERF is applied to all outputs and inputs, including labour and land that have been valued at border price equivalent values, with project effects measured at domestic market price values left unadjusted.
 - **Shadow Wage Rate Factor (SWRF)** of 1.00 for skilled labour and 0.75 for unskilled labour was assumed.²⁸¹ Further it was considered that the project will have a mix of 75% skilled labour and 25% unskilled labour. Hence, SWRF of 0.9375 has been arrived.
SWRF is the ratio of the shadow wage rate of a unit of a certain type of labour, measured in the appropriate numeraire, and the project wage for the same category of labour. Alternatively, the ratio of the economic and the SWRF can be used to convert the financial cost of labour into its economic cost.
- **Wage Rate:** Average Wage rate considered for the direct and indirect employment is BDT 8000

These figures are in conformity with the information provided by Bangladesh Planning Commission and ADB economic analysis reports for Bangladesh. These were applied to tradable inputs and labour component to get domestic equivalents. It may be noted that since SERF is applied on the costs, factors such as the import duty is considered to be adjusted in the SERF and hence import duty has not been considered separately.

²⁸⁰ Additional Financing to the Third Primary Education Development Project RRPBAN 42122 by ADB (2015)

²⁸¹ Similar assumption was taken for ADB-Khulna water supply project

- VAT rate (for both capex and Opex) has been considered as 15% according to the prevailing rate for Bangladesh.
- Estimation of indirect and induced employment generation (due to generation of downstream industries) is based on Employment Multiplier Coefficient of 0.50. The coefficient was extracted from Background Paper for World Development Report 2013 “Structural Transformation and Employment Creation”²⁸². The indirect employment generation coefficient for several developing countries (size and geography similar to Bangladesh) was considered to arrive at this figure.
- *Tax Treatment*: Since the model consider the scenario with project and without project, tax subsidies will be not treated as loss to the economy.
- It has been assumed that each of the industrial units will operate at 80% capacity utilization level and the plant efficiency level is 80%; export contribution of each of the industrial units is 25% of its Gross Value Added.

The guide for operating this economic model is placed in the annexure.

14.5. Results and Conclusions

Base case Economic Internal Rate of Return (EIRR) has been calculated as **13.72%**, which indicates that the project is providing moderate returns throughout the tenure of the project. Following table depicts the scenario analysis of the proposed EZ.

Table 144: Scenario Analysis of the Proposed EZ

Scenario	EIRR
Conservative Scenario	12.83%
Base Scenario	13.72%
Aggressive Scenario	14.64%

Table above indicates that in conservative case, project generates **12.83%** economic return which is moderate in nature. Aggressive scenario also indicates the project provides good economic return of **14.64%**.

The following key points shall summarize the economic impact of the proposed EZ at Jamalpur:

- Microeconomic impact evaluated through the economic impact analysis exercise depict the project’s positive impact on the human development capitals.
- It appears from the above analysis that the proposed EZ generates very attractive economic return in the context of Bangladesh’s economy and growth targets and consequently the economic returns accrued are also commensurate with similar EZ projects based out of other Southeast Asian and global economies.
- The project has the potential to generate ultimate direct employment of ~17,297 (in Base case) with a value of BDT 1,660million which indicates its ability to provide organised manufacturing-based employment to the local communities. It thus, falls in line with BEZA’s ultimate objective of socio-economic development through organised industrialization.
- Overall, it could be prudent to surmise that the proposed EZ at Jamalpur has the potential to transform the economic landscape of its influence region.

²⁸² Background Paper for World Development Report 2013 “Structural Transformation and Employment Creation” by Christian Kingombe and Dirk Willem te Velde, Overseas Development Institute

Implementation strategy

The proposed site of Economic Zone at Jamalpur is in northern Bangladesh and in proximity to Mymensingh and Tangail. The hinterland catering to demand of the economic zone lags in terms of economic development compared to rest of Bangladesh. However, the economic zone can target markets in neighboring countries i.e. India and Bhutan due to proximity to the border. The development of the border post in India is crucial for the economic zone to pick up development. The site also faces competition from economic zone in vicinity and this impacts the offtake.

The study team forecasts land offtake for proposed site at Jamalpur to begin in FY 2027 with offtake to be completed by FY 2037 in base case scenario.

Financial analysis has been carried under two scenarios – a) Proposed Economic Zone to be developed by BEZA and b) Proposed Economic Zone to be developed under PPP mode. Viability under both scenarios has been detailed below -

- a) **Proposed Economic Zone to be developed by BEZA** - The financial analysis for the site shows that the project is financially feasible only when both offsite and onsite infrastructure is developed through assistance of the respective nodal agencies. Thus, government fiscal support is crucial for BEZA to develop the site. In case, BEZA intends to develop the proposed site without any fiscal support in line with development model followed by other private player economic zone then BEZA should charge lease rental of ~102 BDT/sq. ft/year to match project IRR with weighted average cost of capital (9.9%).⁷ The project economic return is lower compared to other economic zones.
- b) **Proposed Economic Zone to be developed under PPP mode** – The project is not viable for development under PPP mode until viability gap funding is provided by BEZA. The study team advises BEZA against development of the site under PPP mode.

Based on above assessment the study team proposes that BEZA should place the development of the proposed EZ at Jamalpur under medium priority. The project can be considered for development once the economic zone in vicinity have achieved total land offtake.

⁷ Base case demand offtake considered. Impact of high lease rental not considered on demand.

15. Annexures

15.1. Annexure 1 – Team of Experts and Project Timeframe

Our team of experts are duly supported by a large team of non-key experts (i.e. support staffs) spread across different locations in India and in Bangladesh. Some of the non-key experts are placed on-ground to ensure smooth project coordination.

Figure 94: Team of Experts



Source: Contract agreement executed between PwC & BEZA dated 26th June 2019

In conformance to this engagement’s Terms of Reference, following deliverables will be submitted to BEZA as per the schedule laid out in the below table –

Table 145: Project timeframe

D1	Inception report	31 st July 2019	Submitted
	Presentation on Inception Report findings	7 th November 2019	Completed
D2	Draft interim report	04 th February 2020	Submitted
	Presentation workshop to discuss findings of the interim report	03 rd and 04 th March 2020	Completed
	Final interim report	01 st June 2020	

D3	Draft final pre-feasibility report	23 rd February 2021	Submitted
	Presentation workshop to discuss findings of the draft final report	26 th to 28 th January 2021 and 24 th February 2021	Completed
D4	Final pre-feasibility report	25 th February 2021	Submitted
	Deliverable submitted		
	Deliverable to be submitted		

Source: Contract agreement executed between PwC & BEZA dated 26th June 2019

Legend:

D1: Inception Report

D2: Draft Interim Report, Presentation on Key Findings & Final Interim Report

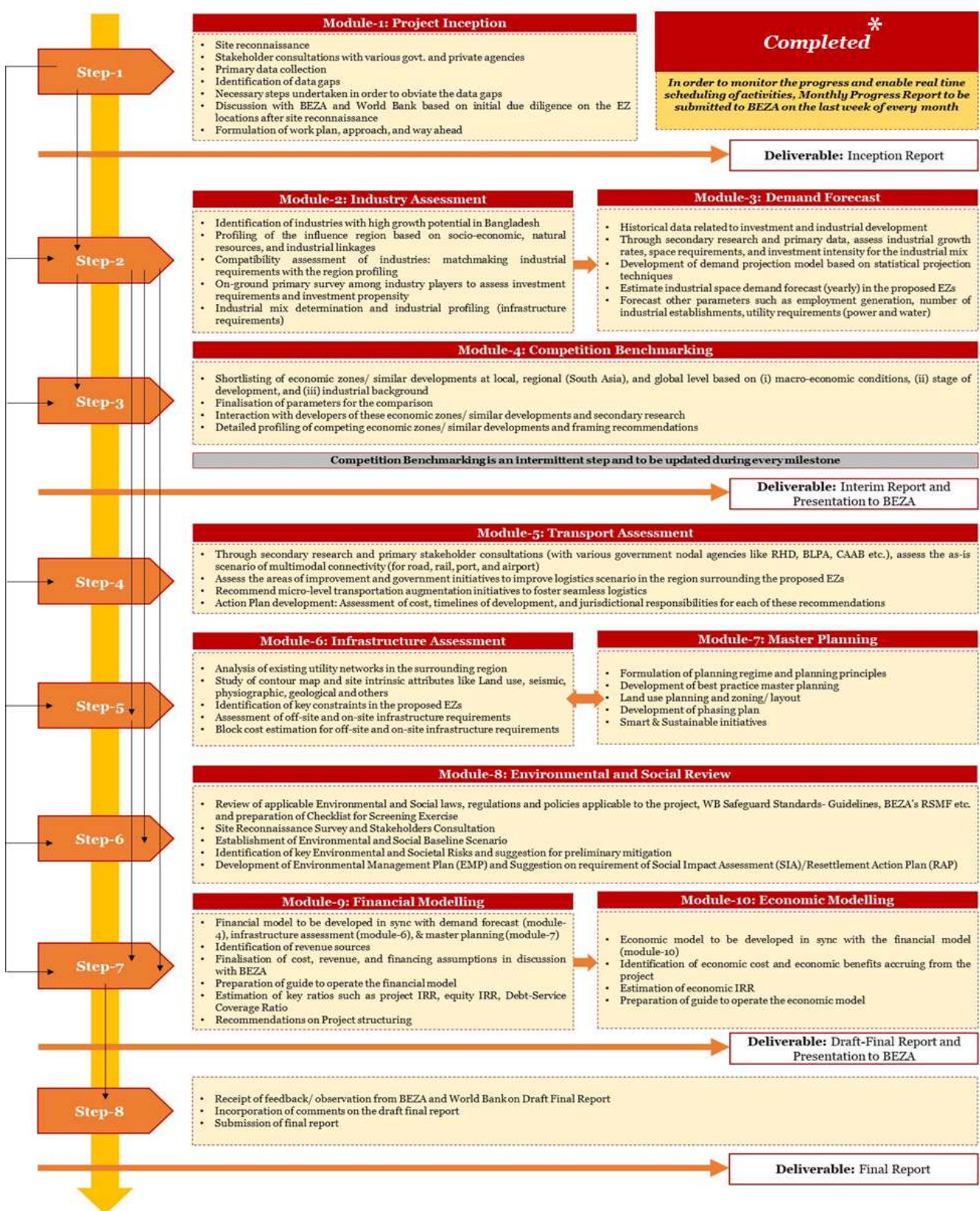
D3: Draft Final Pre-Feasibility Study, Presentation on Key Findings

D4: Final Pre-Feasibility Study

The activities covered under this assignment will be scheduled in a manner so that all tasks to be executed are in sync with each other, thus ensuring an organized and sequential flow of activities. A detailed timeframe has been previously submitted under Section 4.2 of the Inception Report dated, 31st July 2019.

Figure in the next page captures a concise outline of the engagement as per the Terms of Reference –

Figure 95: Outline of the engagement



15.2. Annexure 2 – Site Photographs



Discussion with proposed affected PAPs



Mosque in Satpakia village (Char Pakkhimari)



Discussion with villagers at the Satpakia



Discussion with women group



Present view of the Proposed EZ





Present view of the Proposed EZ



Present view of the Proposed EZ



Part of the Proposed EZ



View of Old Brahmaputra River adjacent the proposed EZ

15.3. Annexure 3 – Uttara EPZ

The Uttara Export Processing Zone (UEPZ) is located in the Nilphamari district in the Rangpur division of north Bengal. It is promoted by the Bangladesh Export Processing Zones Authority which is the nodal agency of Government of Bangladesh under the jurisdiction of the Prime Minister’s Office.

Figure 96: Uttara EPZ



Source: Google Images

A detailed profiling of the park has been provided below –

Table 146: Uttara EPZ

Factors	Uttara EPZ
Site	
Year of establishment/Start year of operations	It was established in 2001
Land Size (acres)	213.66 acres
Number of Plots/Units/Firms	Currently there are 180 industrial units ²⁸³
No. of Development Phases	The developments have been carried out over a period of time but in a single phase
Land Lease (+length) or Sale (Taka/USD)	Industrial land lease length is for 30 years which is renewable and land lease is USD 1.25 /sq.m./year (BDT 106.25/sq.m./year) ²⁸⁴
Standard-Factory Building (SFB) (Y/N)	There are Standard-Factory Buildings provided as a part of the product offering.
Lease Rate for SFB (Taka/USD)	The tariff for SFB is USD 1.60/sq.m./month
Infrastructure/Utilities	
Onsite Independent Power (Y/N and Type)	There is no onsite captive power plant available for the special export processing zone. Power is supplied by Nilphamari Palli Bidyut Samity.
Cost of Electricity (Taka/USD)	The cost of electricity is approx. USD 0.11 / Kwh (BDT 8.97/Kwh) for industries ²⁸⁵

²⁸³ Source: <https://bepza.gov.bd/pages/epzdetails/uttara-export-processing-zone-2/profile-of-zone-4>

²⁸⁴ Source: <https://bepza.gov.bd/pages/epzdetails/uttara-export-processing-zone-2/profile-of-zone-4>

²⁸⁵ Source: <https://www.bepza.gov.bd/pages/epzdetails/uttara-export-processing-zone-2/utility-services-5>

Factors	Uttara EPZ
Cost of Water (Taka/USD)	The cost of industrial water is approx. USD 0.39 /CM (BDT 33.21/CM) ²⁸⁶
Onsite Wastewater Treatment Plant (Y/N)	There is no onsite water treatment plant since industries within the zone
Cost of Labor (Taka/USD)	
Management	The basic salary for a management professional in Bangladesh is approx. USD 917.65 / month (BDT 78,000/month) ²⁸⁷
Technicians	The basic salary for a technician in Bangladesh approx. USD 341.17 / month (BDT 29,000/month) ²⁸⁸
Skilled	The basic salary for a skilled labour in Bangladesh approx. USD 258.82 / month (BDT 22,000/month) ²⁸⁹
Unskilled	The basic salary for an unskilled labour in Bangladesh is approx. USD 97.05 / month (BDT 8,250/month) ²⁹⁰
Sectors	
Type of Sectors within the Zone	Garments, Garment Accessories, Knitting & Other Textile Products, Footwear & Leather Goods, Toys, Furniture, Plastic Goods
Special Regime	
Yes/No	Yes , Uttara EPZ is the special regime
Fiscal Incentives	
Yes/No	Fiscal incentives are available at the EPZ: <ol style="list-style-type: none"> 1. Seven (7) years tax holiday for Uttara EPZ; first 03 years 100% exemption, next 03 years 50% exemption and last 01 year (7th year) 25% exemption 2. Duty free import of construction materials 3. Duty free import of machineries, office equipment & spare parts etc. 4. Duty free import and export of raw materials and finished goods 5. Relief from double taxation 6. Exemption from dividend tax 7. GSP facility available 8. Accelerated depreciation on machinery or plant allowed 9. Remittance of royalty, technical and consultancy fees allowed 10. Duty & quota free access to EU, Canada, Norway, Australia etc
Non-Fiscal Incentives	
Yes/No	Non-Fiscal incentives are available at the EPZ: <ol style="list-style-type: none"> 1. 100% foreign ownership permissible 2. Enjoy MFN (most favored nation) status 3. No ceiling on foreign and local investment 4. Full repatriation of capital & dividend 5. Foreign Currency loan from abroad under direct automatic route 6. Non-resident Foreign Currency Deposit (NFCD) Account permitted 7. Operation of FC account by 'B' and 'C' type Industries allowed.
One Stop Shop Within the Zone	One stop shop is available within the zone.
Support Amenities	
Onsite Administration office	There is onsite administration office available within the zone
Onsite Convenience Retail	There is onsite convenience retail available within the zone
Onsite Housing	There is onsite housing available within the zone
Onsite Schools	There are no onsite schools available inside the zone
Onsite Community Facilities	There are onsite community facilities available within the zone.
Onsite Security	There is onsite security available at the zone.

²⁸⁶ Source: <https://www.bepza.gov.bd/pages/epzdetails/uttara-export-processing-zone-2/utility-services-5>

²⁸⁷ Source: Pay Scale 2015, Civil

²⁸⁸ Source: Pay Scale 2015, Civil

²⁸⁹ Source: Pay Scale 2015, Civil

²⁹⁰ Source: Pay Scale 2015, Civil

Factors	Uttara EPZ
Quality of Life	
International Housing (Within 45 Km)	Quality housing facilities are available in the nearby town of Rangpur
International Hospital/Clinic (Within 45 km)	Quality healthcare facilities like Bangladesh Hospital Rangpur, Rangpur Central Hospital, Rangpur Community Medical College, Rangpur Medical College etc. are available in proximity to the EPZ in Rangpur district
International Schools (Within 45 Km)	Various upscale schools like Cantonment Public School & College, Rangpur (CPSCR), Rangpur Government College, Police Lines School and College, Rangpur Zilla School, Rangpur Cadet College, Begum Rokeya University etc. are present in close proximity to the EPZ in Rangpur district

Source: PwC Research

15.4. Annexure 4 – Country Level Assessment of Industrial Sectors

Assessment of Export and Import Basket of the Country

Analysis of the export basket of the country reveals that more than 90% of the exports are from the Textile & RMG oriented products. Its top exports are from RMG, leather, wooden products, fish products and automobile accessories. The following figure depicts the top 75% of items, being exported and imported, that were shortlisted on the basis of average trade value over the past 5 years.

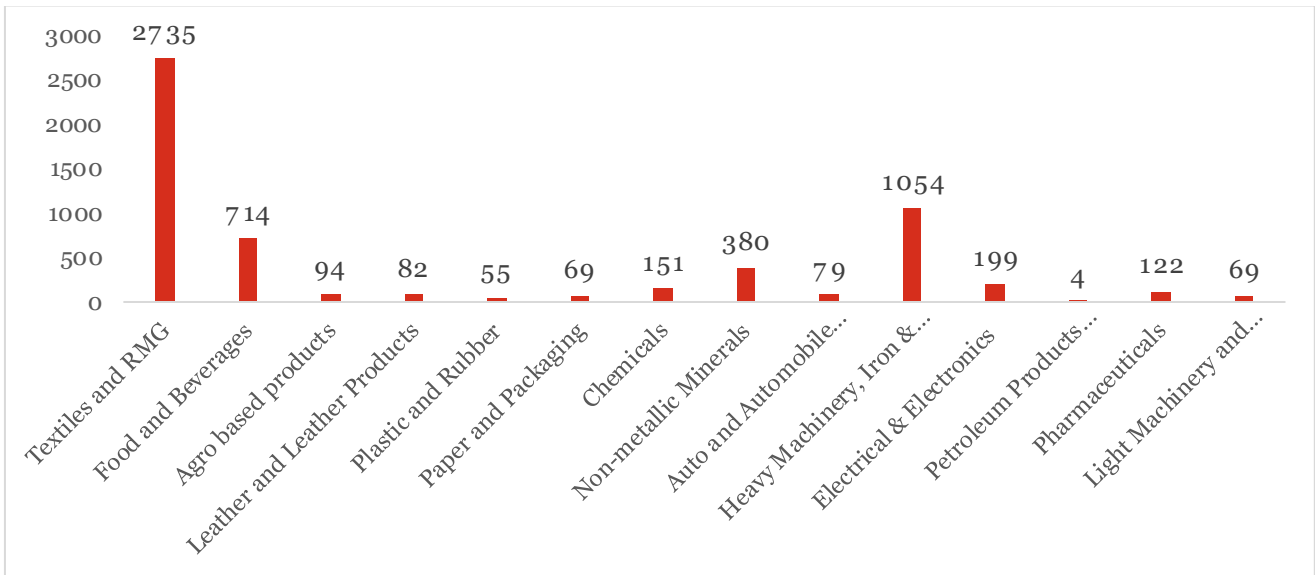
Figure 97: Top Export and Import basket of Bangladesh



Source: ITC Trademap

Assessment of Gross Output of Manufacturing Sector

Figure 98: Gross output across various sectors in Bangladesh (Estimated 2019, In BDT Billion)



#Estimated for 2019

Source: Bangladesh Bureau of Statistics, Survey of Manufacturing Industries 2012

In terms of the specific sectors, it needs to be noted that Textiles and RMG, Food & Beverages, Heavy Machinery, Iron & Steel, Non-metallic mineral products, Electrical & Electronics, Chemicals, Pharmaceuticals are dominant in country. Following figure enlists the items that constitute the top 80% of the total output produced in Bangladesh.

Figure 99: Top 80% of items produced in Bangladesh in terms of gross output

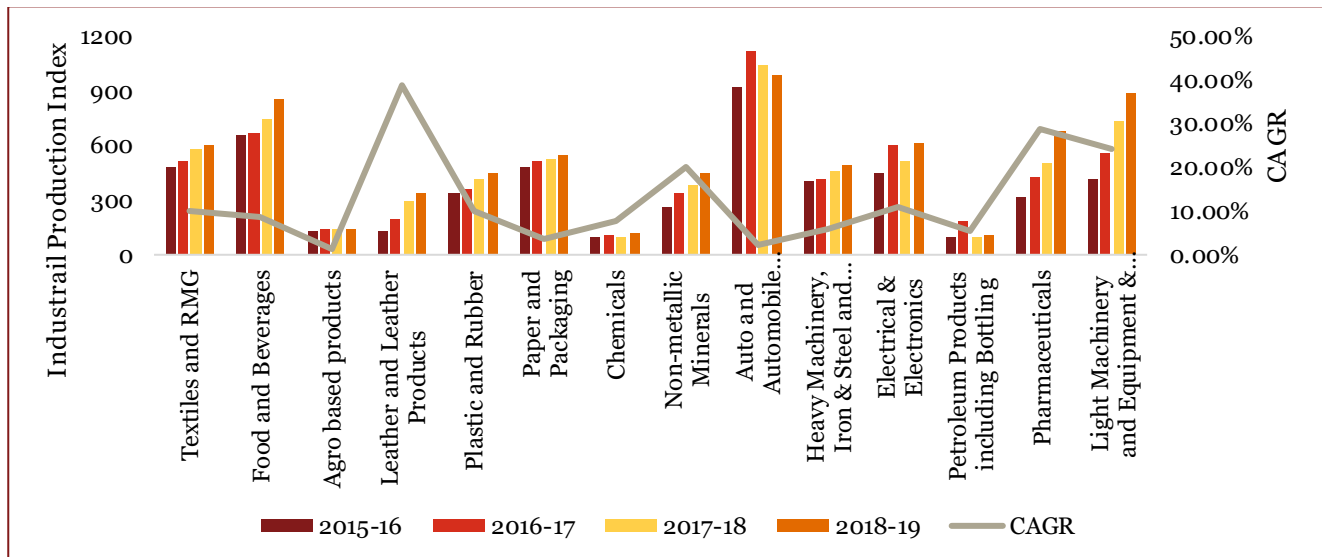


Source: ITC Trade Map

Index of Industrial Production Analysis

Industrial production index measures changes in industrial production and is widely used for the observation and analysis of the current economic activity. The graph below represents the Industrial Production Index within Bangladesh over the past 4 years.

Figure 100: Industrial Production Index of industrial sectors in Bangladesh



Source: SMI

Above graph depicts that a positive growth in production is observed in Textiles and RMG, Food & Beverages, Leather and Leather products, Pharmaceuticals, Electrical and Electronics, Non-metallic minerals, Chemicals, Light Machinery, Equipment and Furniture over the past 4 years.

Priority Sectors Identified by the Government of Bangladesh

Government of Bangladesh has identified priority sectors to make its economy resilient to possible sector specific disruptions due to automation, policy changes and increasingly competitive global scenarios.

The following figure illustrates the priority sectors identified by the Government of Bangladesh.

Figure 101: Priority Sectors by Government of Bangladesh



Source: Bangladesh Investment Development Authority

15.5. Annexure 5 – Import Trend of Bangladesh

Table 147: Top 75% Imports of Bangladesh (Figures in USD Million)

Products	2015	2016	2017	2018	2019
Machinery, mechanical appliances, nuclear reactors, boilers; parts thereof	4,792.33	5,245.07	5,953.71	6,824.21	5,800.91
Cotton	7,150.50	5,413.81	6,253.97	6,894.38	5,422.53
Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral ...	5,219.95	2,095.46	3,105.25	5,129.26	4,380.85
Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television ...	2,450.61	3,156.28	3,660.48	4,103.02	3,242.16
Iron and steel	2,407.67	2,074.97	2,120.63	2,775.30	2,909.47
Plastics and articles thereof	1,795.19	1,923.41	2,160.39	2,457.64	2,208.76
Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	1,143.51	1,676.47	1,976.15	2,077.69	1,747.36
Man-made staple fibres	1,623.93	1,509.96	1,702.43	1,955.58	1,617.90
Man-made filaments; strip and the like of man-made textile materials	1,102.78	956.64	1,071.64	1,391.35	1,415.96
Knitted or crocheted fabrics	590.15	1,013.30	1,197.23	1,383.06	1,353.37
Cereals	1,521.25	1,147.37	2,248.16	1,727.74	1,239.31
Articles of iron or steel	444.89	594.06	814.38	1,062.22	1,082.47
Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal ...	592.23	386.41	531.16	608.82	881.37
Organic chemicals	656.77	596.30	734.91	813.40	835.14

Products	2015	2016	2017	2018	2019
Aircraft, spacecraft, and parts thereof	201.34	59.79	150.33	454.95	792.36
Tanning or dyeing extracts; tannins and their derivatives; dyes, pigments and other coloring ...	587.91	630.57	672.72	767.72	752.98
Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical ...	400.35	577.74	642.54	680.57	700.44
Edible vegetables and certain roots and tubers	704.76	628.73	554.85	510.02	684.07
Sugars and sugar confectionery	837.74	696.75	1,144.73	585.74	666.22
Miscellaneous chemical products	505.04	546.39	629.25	716.08	650.06
Paper and paperboard; articles of paper pulp, of paper or of paperboard	581.33	667.13	681.39	689.27	599.03
Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal ...	2,769.62	1,461.94	1,652.26	1,742.63	585.54
Salt; Sulphur; earths and stone; plastering materials, lime and cement	991.99	674.74	783.80	994.90	556.41
Ships, boats and floating structures	994.16	113.42	234.71	241.95	551.66
Fertilizers	1,255.60	671.00	715.47	832.05	520.09
Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad ...	7.92	497.08	629.93	979.17	501.92
Residues and waste from the food industries; prepared animal fodder	490.72	419.12	524.97	422.61	495.39
Special woven fabrics; tufted textile fabrics;	162.76	390.81	391.12	464.10	482.81

Products	2015	2016	2017	2018	2019
lace; tapestries; trimmings; embroidery					
Edible fruit and nuts; peel of citrus fruit or melons	273.63	316.23	354.11	370.66	425.29
Miscellaneous manufactured articles	257.80	436.70	435.18	466.29	422.39
Aluminum and articles thereof	262.47	308.86	388.68	443.96	398.94
Commodities not elsewhere specified	0.54	595.40	446.14	341.06	398.42
Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, ...	375.39	260.81	294.15	478.95	391.53
Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere ...	290.12	248.06	342.61	374.73	374.27
Impregnated, coated, covered or laminated textile fabrics; textile articles of a kind suitable ...	138.18	309.05	311.82	368.34	360.60
Rubber and articles thereof	298.67	294.25	300.93	310.32	309.22
Coffee, tea, maté and spices	229.66	165.88	185.73	215.74	270.07
Pharmaceutical products	186.78	230.05	245.07	228.66	267.49
Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn	42.14	151.98	155.99	225.66	258.17
Copper and articles thereof	210.42	177.55	253.98	210.44	238.23
Footwear, gaiters and the like; parts of such articles	153.11	193.27	227.95	217.66	231.29

Products	2015	2016	2017	2018	2019
Miscellaneous articles of base metal	58.96	204.72	217.61	206.04	202.36
Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; ...	74.23	237.80	229.50	238.41	202.17
Soap, organic surface-active agents, washing preparations, lubricating preparations, artificial ...	160.87	174.77	193.72	196.27	199.38
Wadding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof	45.89	114.07	116.91	159.82	177.61
Essential oils and resinoids; perfumery, cosmetic or toilet preparations	73.75	137.94	170.80	184.54	169.37
Articles of apparel and clothing accessories, not knitted or crocheted	887.05	240.18	186.70	172.51	158.44
Zinc and articles thereof	158.64	163.57	179.75	164.47	158.07
Glass and glassware	72.50	119.27	122.93	150.44	145.15
Raw hides and skins (other than furskins) and leather	169.20	162.94	179.04	175.87	123.96
Preparations of cereals, flour, starch or milk; pastrycooks' products	70.82	84.70	94.25	112.03	122.35
Albuminoidal substances; modified starches; glues; enzymes	75.81	94.49	106.70	108.36	105.26
Articles of stone, plaster, cement, asbestos, mica or similar materials	35.70	63.07	61.50	77.33	105.12
Pulp of wood or of other fibrous cellulosic material; recovered (waste and scrap) paper or ...	165.61	257.40	205.52	283.57	104.17

Products	2015	2016	2017	2018	2019
Ceramic products	67.75	146.71	116.66	104.72	101.66
Miscellaneous edible preparations	74.28	88.93	83.37	95.08	97.64
Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal	54.53	78.60	87.68	88.86	88.85
Toys, games and sports requisites; parts and accessories thereof	23.56	64.63	81.59	82.84	83.85
Printed books, newspapers, pictures and other products of the printing industry; manuscripts, ...	297.23	54.15	87.78	101.50	82.81
Wool, fine or coarse animal hair; horsehair yarn and woven fabric	43.29	62.24	60.98	71.32	80.17
Other made-up textile articles; sets; worn clothing and worn textile articles; rags	34.16	59.87	64.88	67.68	71.24
Fish and crustaceans, molluscs and other aquatic invertebrates	55.28	42.74	46.49	46.57	68.90
Ores, slag and ash	72.46	30.36	28.86	61.46	59.60
Products of animal origin, not elsewhere specified or included	59.81	32.30	28.04	40.49	55.86
Articles of leather; saddlery and harness; travel goods, handbags and similar containers; articles ...	28.67	104.30	83.60	65.37	51.10
Arms and ammunition; parts and accessories thereof	130.36	7.44	25.41	21.38	46.32
Photographic or cinematographic goods	29.45	40.29	39.51	39.63	45.11
Wood and articles of wood; wood charcoal	113.80	61.44	70.21	51.84	45.11

Products	2015	2016	2017	2018	2019
Lead and articles thereof	55.49	42.17	78.58	67.47	42.08
Articles of apparel and clothing accessories, knitted or crocheted	22.90	91.83	73.82	57.78	41.12
Prepared feathers and down and articles made of feathers or of down; artificial flowers; articles ...	4.06	42.07	49.12	44.59	38.77
Umbrellas, sun umbrellas, walking sticks, seat-sticks, whips, riding-crops and parts thereof	4.88	39.82	32.20	24.28	27.99
Railway or tramway locomotives, rolling stock and parts thereof; railway or tramway track fixtures ...	6.59	117.93	23.35	10.56	26.59

Source: ITC Trade Database

15.6. Annexure 6 – Export Trend of Bangladesh

Table 148: Top Exports 75% from Bangladesh (Figures in USD million)

Products	2015	2016	2017	2018	2019
Articles of apparel and clothing accessories, knitted or crocheted	12,767.10	16,668.99	17,791.37	20,115.53	20,343.41
Articles of apparel and clothing accessories, not knitted or crocheted	13,765.23	16,559.78	16,832.96	18,834.03	19,350.13
Footwear, gaiters and the like; parts of such articles	696.82	894.90	949.66	1,017.42	1,110.00
Other made-up textile articles; sets; worn clothing and worn textile articles; rags	818.60	990.73	1,131.16	1,094.95	1,004.95
Other vegetable textile fibres; paper yarn and woven fabrics of paper yarn	681.19	788.68	853.45	720.81	603.28
Fish and crustaceans, molluscs and other aquatic invertebrates	445.01	623.07	636.25	545.33	532.93
Articles of leather; saddlery and harness; travel goods, handbags and similar containers; articles ...	293.25	253.73	277.00	309.25	368.31
Headgear and parts thereof	75.63	280.17	300.51	311.30	332.64
Raw hides and skins (other than furskins) and leather	298.99	215.76	153.07	175.50	139.79
Plastics and articles thereof	80.22	84.50	95.81	108.51	113.23
Prepared feathers and down and articles made of feathers or of down; artificial flowers; articles ...	14.81	58.01	68.17	82.45	108.61
Optical, photographic, cinematographic, measuring, checking, precision, medical or surgical ...	53.47	70.24	87.67	100.72	106.96
Tobacco and manufactured tobacco substitutes	48.84	91.58	97.62	117.55	99.86
Vehicles other than railway or tramway rolling stock, and parts and accessories thereof	130.52	89.51	85.06	82.20	93.93

Products	2015	2016	2017	2018	2019
Furniture; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings; ...	39.82	45.13	63.37	91.08	88.91
Toys, games and sports requisites; parts and accessories thereof	26.71	59.09	64.37	92.24	87.89
Animal or vegetable fats and oils and their cleavage products; prepared edible fats; animal ...	17.56	10.93	10.75	23.21	86.20
Aircraft, spacecraft, and parts thereof	14.53	1.51	18.32	43.32	80.13
Commodities not elsewhere specified	0.51	36.79	72.67	85.33	73.55
Cotton	91.68	24.35	35.51	39.33	66.35
Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television ...	59.52	63.62	62.51	83.75	59.79
Preparations of cereals, flour, starch or milk; pastrycooks' products	84.84	35.94	42.47	55.52	58.08
Pharmaceutical products	70.12	90.30	108.43	108.39	57.44
Copper and articles thereof	26.26	24.82	51.01	59.58	53.37
Machinery, mechanical appliances, nuclear reactors, boilers; parts thereof	171.26	25.26	40.93	55.99	49.21
Wadding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof	29.85	37.27	31.32	32.64	46.39
Ceramic products	36.85	48.64	58.56	61.40	42.32
Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, ...	22.43	23.49	17.30	32.83	36.86
Iron and steel	18.91	14.89	23.70	31.27	32.05
Carpets and other textile floor coverings	19.07	33.53	32.97	32.48	31.79
Beverages, spirits and vinegar	25.27	16.93	22.24	23.89	27.69

Products	2015	2016	2017	2018	2019
Edible vegetables and certain roots and tubers	70.25	51.59	56.14	54.82	25.01
Manufactures of straw, of esparto or of other plaiting materials; basketware and wickerwork	8.25	11.01	14.88	20.10	23.68
Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral ...	178.12	52.21	54.29	25.03	21.61
Coffee, tea, maté and spices	25.70	18.75	24.73	26.61	20.89
Knitted or crocheted fabrics	33.81	8.70	11.06	12.32	20.73
Edible fruit and nuts; peel of citrus fruit or melons	26.62	26.67	36.86	40.15	17.09
Miscellaneous chemical products	3.66	6.90	10.54	13.10	17.07
Man-made staple fibres	26.20	16.26	23.43	24.40	15.62
Residues and waste from the food industries; prepared animal fodder	3.24	8.00	0.89	7.68	15.13
Oil seeds and oleaginous fruits; miscellaneous grains, seeds and fruit; industrial or medicinal ...	17.87	14.84	9.74	10.67	14.32
Salt; Sulphur; earths and stone; plastering materials, lime and cement	2.20	13.27	20.48	13.84	13.49
Paper and paperboard; articles of paper pulp, of paper or of paperboard	36.00	6.01	14.75	24.35	13.46
Articles of iron or steel	26.89	9.75	6.79	13.76	13.23
Preparations of meat, of fish or of crustaceans, molluscs or other aquatic invertebrates	2.34	18.27	13.51	12.04	12.29
Rubber and articles thereof	21.68	9.61	9.44	10.51	12.25
Ships, boats and floating structures	19.97	18.77	18.59	3.42	12.18
Miscellaneous manufactured articles	15.30	7.78	10.78	12.68	11.34
Preparations of vegetables, fruit, nuts or other parts of plants	70.47	30.17	29.34	18.69	10.86
Cereals	6.05	11.13	8.04	9.90	9.58

Products	2015	2016	2017	2018	2019
Ores, slag and ash	7.74	10.50	9.71	6.05	9.00
Zinc and articles thereof	2.67	4.29	5.87	4.29	8.49
Sugars and sugar confectionery	9.18	12.99	8.32	7.32	7.71
Printed books, newspapers, pictures and other products of the printing industry; manuscripts, ...	0.95	1.75	3.08	18.97	6.84
Organic chemicals	0.70	3.49	3.34	6.17	6.04
Products of animal origin, not elsewhere specified or included	14.88	2.77	2.69	2.77	5.87
Glass and glassware	1.56	2.85	3.19	2.40	5.08
Vegetable plaiting materials; vegetable products not elsewhere specified or included	23.92	0.53	0.33	0.56	4.59
Umbrellas, sun umbrellas, walking sticks, seat-sticks, whips, riding-crops and parts thereof	0.03	3.05	4.46	4.72	4.20
Nickel and articles thereof	0.08	0.45	3.24	2.68	3.97
Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal	6.28	2.25	3.00	3.58	3.80
Dairy produce; birds' eggs; natural honey; edible products of animal origin, not elsewhere ...	1.67	1.47	0.84	1.70	3.64
Wood and articles of wood; wood charcoal	4.06	5.67	5.60	6.56	3.53
Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad ...	5.02	5.17	6.02	4.44	3.46
Cocoa and cocoa preparations	0.39	0.94	1.89	3.07	3.00
Aluminum and articles thereof	1.60	1.81	2.03	14.32	2.78
Miscellaneous edible preparations	0.25	7.69	5.12	5.57	2.37
Products of the milling industry; malt; starches; inulin; wheat gluten	1.62	1.00	1.33	2.55	2.32

Products	2015	2016	2017	2018	2019
Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; embroidery	49.34	3.78	5.11	2.49	2.28
Articles of stone, plaster, cement, asbestos, mica or similar materials	0.03	1.85	1.56	3.48	2.26
Soap, organic surface-active agents, washing preparations, lubricating preparations, artificial ...	3.04	1.25	1.46	2.30	1.39
Essential oils and resinoids; perfumery, cosmetic or toilet preparations	0.63	1.29	1.91	3.85	1.37
Miscellaneous articles of base metal	0.43	1.39	1.26	1.86	1.29

Source: ITC Trade Database

15.7. Annexure 7 – Gross Output of Manufacturing Sector in Bangladesh

Highlighted cells belong to top 80% products

BSIC code and description	Gross Output (2012)	Estimated Gross Output (2019)#	Rank
	(in BDT Million)	(in BDT Million)	
Total	5,394,875	11,250,901	
10 Manufacture of food products	608,777	1,077,622	4
11 Manufacture of beverages	52,826	93,510	15
12 Manufacture of tobacco products	87,197	149,440	9
13 Manufacture of textiles	715,247	1,682,694	2
14 Manufacture of wearing apparel (Ready-made garments)	1,819,482	4,280,523	1
15 Manufacture of leather and related products	76,147	122,275	11
16 Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials.	6,912	11,846	22
17 Manufacture of paper and paper products	57,187	101,672	12
18 Printing and reproduction of recorded media	10,821	19,239	21
19 Manufacture of coke and refined petroleum products	3,684	9,630	23
20 Manufacture of chemicals and chemical products	140,184	229,332	7
21 Manufacture of pharmaceuticals, medicinal chemical and botanical products	113,070	220,341	8
22 Manufacture of rubber and plastics products	51,143	82,124	17
23 Manufacture of other non-metallic mineral products	351,779	730,350	5
24 Manufacture of basic metals	905,850	1,581,350	3
25 Manufacture of fabricated metal products, except machinery and equipment	71,357	124,569	10
26 Manufacture of computer, electronic and optical products	39,623	87,594	16
27 Manufacture of electrical equipment	145,166	320,916	6

BSIC code and description	Gross Output (2012)	Estimated Gross Output (2019)#	Rank
	(in BDT Million)	(in BDT Million)	
28 Manufacture of machinery and equipment n.e.c.	13,141	22,940	19
29 Manufacture of motor vehicles, trailers and semitrailers	36,780	101,268	13
30 Manufacture of other transport equipment	36,291	99,922	14
31 Manufacture of furniture	39,685	77,335	18
32 Other manufacturing	11,263	21,948	20
33 Repair and installation of machinery and equipment	1,134	2,210	24
34 Recycling	129	251	25

#Estimated for 2019

Source: Bangladesh Bureau of Statistics, Survey of Manufacturing Industries 2012

15.8. Annexure 8 – Industry 4.0

The fourth industrial revolution characterized by the increasing digitization and interconnection of products, value chains and business models – has arrived in the industrial sector. The term Industry 4.0 encompasses a promise of new industrial revolution. It is the digital transformation of industrial markets; specifically manufacturing industry driven by four disruptions: the astonishing rise in data volumes, computational power, connectivity and business intelligence capabilities.²⁹¹ It takes the automation of manufacturing processes to a new level by introducing customized and flexible mass production technologies.

The concept of Industry 4.0 includes:

Figure 102: Concept of Industry 4.0



Industry 4.0 digitizes and integrates vertical and horizontal value chains, vertically across the entire organization, from product development and purchasing, through manufacturing, logistics and service. All data about operations processes, process efficiency and quality management, as well as operations planning are available real-time, supported by augmented reality and optimized in an integrated network.²⁹² Horizontal integration stretches beyond the internal operations from suppliers to customers and all key value chain partners. It includes technologies from track and trace devices to real-time integrated planning with execution. In this way, the entire manufacturing and development industry effectively restructures and boosts the efficiency and profitability of the industry.

According to recent research study by McKinsey Global Institute, industries with highest potential for automation are manufacturing, accommodation, food services, transportation and warehousing. Experts forecast that businesses will be able to increase their productivity by about 30% using Industry 4.0 by 2025.²⁹³ Bangladesh being a developing economy depends on export of manufactured products to foreign countries. However, with the advent of industry 4.0 regime, manufacturing is becoming less labor intensive, which might create challenges for manufacturing industry in Bangladesh, which is majorly driven by cheap labor in the country. In light of

²⁹¹ McKinsey
²⁹² PwC

Industry 4.0, it is pertinent for countries like Bangladesh, to do away with cheap labor being the primary driver of competitiveness and focus on infrastructure & logistics, research & development, and technology will be required to remain competitive in a changed industrial landscape. Therefore, it is imperative to develop the management of manufacturing and chain productions so that the efficiency would be substantially increased which is a strong indicator that Industry 4.0 is crucial for Bangladesh to move forward. Bangladesh needs the adaptation of Industry 4.0 not only to increase the industrial production but also to bolster the overall socio-economic growth. Additionally, to successfully implement the Industry 4.0 corresponding initiatives towards the development of human resource is necessary as it requires highly skilled manpower. Hence, the upgradation of the current educational infrastructure in the country with focus on developing the secondary and higher education is essential.

15.9. Annexure 9 – Global Value Chain Concept and Analysis

Description of the Concept:

The value chain of a project is defined as “the full range of activities that firms and workers do to bring a product from its conception to its end use” (Gereffi and Fernandez-Stark, 2011)

These days value chains of various products are highly fragmented and are spread across the globe to take advantage of the unique advantages on offer at different countries for certain specific activities/productions along the value chains of these products, thereby improving the quality of the product and minimizing the production cost.

The purpose of using the GVC concept to identify products that Bangladesh can diversify into is explained as follows – A product with a highly fragmented value chain spread across different countries, offers Bangladesh an opportunity to participate in its value chain.

For e.g. – Let us say product P1 is manufactured in India, and the various inputs required to produce the product P1 is imported by India from other countries. Bangladesh being the neighboring countries and with obvious logistics cost advantage, can attempt to produce one or more of the various inputs that India is importing to produce P1, given it has the necessary capacity. Using the GVC concept, we will attempt to identify products like P1 in whose value chain Bangladesh can participate

In order to identify such products with highly fragmented value chains, we will use an index called the GVC participation index. Higher the value of GVC index, higher is the fragmentation of the value chain of the product.

The GVC index is given by the formula –

$$\text{GVC_Participation}_{ik} = \frac{FV_{ik}}{E_{ik}} + \frac{IV_{ik}}{E_{ik}}$$

FV_{ik} – Foreign value added in the export of product k by country i

IV_{ik} – Domestic value added by country i in the product k used in the export of third countries

E_{ik} – Gross value of export of product k by country i

Methodology used:

The methodology adopted for identification of new products that Bangladesh can diversify into and export with an advantage, using the GVC concept is described below systematically

1. Step 1 – Shortlist the countries whose products will be assessed. Neighboring countries and countries with similar economies are shortlisted, and a list of products is compiled by taking the union of the set of products for each country.
2. Step 2 – A threshold value of GVC participation index is selected. The GVC index value which is more than 70% of all the GVC values in the GVC table is selected as the threshold value
3. Step 3 – Using these threshold value, a score is assigned to each product by counting the number of times the GVC value associated with the product for each country is more than the threshold value

For e.g.

	Country 1	Country 2	Country 3	Country 4	Country 5	Country 6	Score
GVC value for Product P1	3	4	2	2	4	2	3

In the above table, the score for product P1 will be 3, as the GVC value associated with P1 is equal to or more than 3 in three cases

4. Step 4 – Using this score the products will be shortlisted. The top five products have been identified from this approach
5. Step 5 – The value chain of these shortlisted products will be assessed, and the input products (backward linkages of the shortlisted products) and the products which can be produced by using the shortlisted products (forward linkages of the shortlisted products) is identified

GVC Analysis:

The objective of Global Value Chain analysis is to identify products that Bangladesh can diversify into. Thus, for a product with a highly fragmented value chain spread across different countries, this assessment intends to identify opportunity for Bangladesh to participate in its global value chain. For e.g. – Let’s say a product P is manufactured in a country like China, and the various inputs required to produce the product P are imported by China from different countries. Bangladesh being the neighboring country has an obvious logistics cost advantage; it can attempt to produce one or more of the various inputs that China is importing to produce the product P, given it has the necessary capacity. Using the GVC concept we will attempt to identify products like P in whose value chain Bangladesh can participate.

The industries with high GVC index across the globe are listed in the table below:

Table 149: Industries with high GVC index across globe

Industries with high GVC index across the globe	Sectors shortlisted
Chemicals and non-metallic mineral products	Chemicals, Ceramics
Electrical and optical equipment	Electrical and electronics
Basic metals and fabricated metal products	Light machinery
Transport equipment (Automobiles)	Automobiles and accessories
Machinery and equipment	Heavy machinery
Textiles, leather and footwear	Textiles and RMG, Leather and leather products

Source: PwC Research

15.10. Annexure 10 – Sector Specific Forward and Backward Linkages

Sector	Description of raw materials, industrial linkages, and market access
Textile & Ready-Made Garments (RMG)	<p>Textile & RMG is the major industrial sector in the country. Bangladesh is 2nd largest exporter of RMG in the world after China, having 6.5% of global market share. It generates more than 65% of country's industrial employment and 81% of export earnings. This industry also provides employment to about 5 million workers with around 80% women employees.</p> <p>GoB has set a target to achieve 8% share of the global apparel market with USD 50 billion of exports from RMG sector by 2021, in order to do so, it has also placed Textile & RMG sector in its high priority industrial sector list. Among the incentives offered by GoB, garment manufacturers and exporters get 4 percent cash incentive against value addition of products manufactured in the country using locally manufactured yarn.²⁹⁴</p> <p>The basic material required for this sector is cotton, which is converted into yarn, followed by conversion into fabric and finally into RMG after dyeing. Bangladesh specialises in manufacturing of RMG by dint of its attractive demographic dividend and low cost of manpower. It is cost advantageous to produce RMG in Bangladesh as compared to other parts of the world.</p> <p>Bangladesh's humid climate is not conducive for cultivation of cotton; hence cotton is primarily imported from neighbouring countries like China, India. Basis primary survey with industry sectors, local textile mills are also not able to meet demand for fabric by the RMG industry, hence fabric is also imported. Moreover, due to specific quality requirements of international customers, many customers have pre-designated fabric sourcing units outside Bangladesh, from where fabrics are imported into the country. Dyeing of garment is the last stage of activity before RMG being manufactured. This is a water intensive exercise, for which mostly ground water or river water towards captive sourcing is utilized (which ascertains continuous water supply). Due to poor quality of locally available dyeing material, some firms either export their garments for dyeing or use imported dyes.²⁹⁵</p> <p>Textile buyers (customers) from large economies such as USA, EU, and others place orders to RMG manufacturers in Bangladesh as producing RMG in Bangladesh is cost advantageous. This is why RMG is the major export commodity from Bangladesh to major markets such as USA, Europe, and various other large economies. Yarn and fabric produced in Bangladesh primarily caters to domestic requirements as industrial linkage towards RMG.</p>
Food & Beverages (F&B)	<p>Bangladesh's large population base has created a huge domestic potential for this sector. With growing consumption economy, demand for nutrient rich, high quality food products is increasing. Besides, catering to local demand, Bangladesh also exports processed food products to 104 countries, with major exports being to middle-east and south-east Asian countries.²⁹⁶ These countries have a lot of immigrants from Bangladesh, who drive</p>

²⁹⁴ <http://rmgbd.net/incentives-for-textile-clothing/>

²⁹⁵ *Primary Survey with Industry sectors*

²⁹⁶ <http://www.bapabd.org/home/export/1>

Sector	Description of raw materials, industrial linkages, and market access
	<p>demand for Bangladesh food products in these countries. As per data available with BAPA, Bangladesh processed food fetched all time high export receipts of \$ 700 million in 2018-19.²⁹⁷Major items of exports were fruit juice, biscuits, potato crackers, chips, puffed rice, jam, confectionery items, ketchup, parathas, singharas etc. As per BIDA, frozen food export is a priority sector for Bangladesh with special focus towards exports of shrimps.</p> <p>Food & Beverages industry can be broadly segregated into two categories – (i) agro based products and (ii) animal products</p> <p>For agro based products, the first stage is cultivation of necessary agricultural crops like cereals, fruits and vegetables. This is followed by 2-stage processing, where products like wheat are converted into flour by agro based industries and flour is then converted into 2nd stage products. These products are then packaged and sent to consumer markets.</p> <p>F&B is the second stage in the value chain, while the first being agro based products.</p> <p>Although Bangladesh being an agrarian economy is able to supply most of the raw material required for agro based industry, it also has to rely on imports for products like Wheat, Sugar and few fruit various reasons ranging from poor protein content in wheat to poor productivity of sugarcane.</p> <p>For animal products, Bangladesh is primarily focussed of exports of fish products, in particular exports of shrimp. Shrimp production is a three-stage process, starting at hatcheries, where shrimp fries are cultivated, followed by farming where adult shrimps are cultivated from the shrimp fries. This is followed by processing, where activities like deshelling, de-heading and some minimal processing takes place in order to increase the shelf life of shrimp products. Lack of technological know-how prevents shrimp processing firms from adding further value to the processed shrimps.</p> <p>Fish and shrimp cultivation take place in coastal parts of the country like Khulna, Barisal, Cox’s Bazar and Chattogram.</p> <p>Basis primary survey, investors prefer setting up of F&B units at central locations of Bangladesh so that seamless supply to consumers located across the country can take place easily. Some large domestic and foreign F&B players also source a part of their raw materials (like additives, flavours, and chemicals) from outside the country from registered vendors in order to conform to their global quality policy.</p>
Agro Based Products	<p>Agro based products act as source of raw material and intermediaries/ backward linkage to F&B sector in Bangladesh. Agro based products can broadly be classified into three categories viz. (a) cereal, egg & fruits based; (b) tobacco; and (c) non edibles (such as jute, cotton). This sector deals with first level processing of agricultural products and it acts as the upstream industry sector for F&B sector. Being an agrarian economy, Bangladesh cultivates agricultural products in abundance.</p>

²⁹⁷ <https://thefinancialexpress.com.bd/views/processed-food-export-1583854567>

Sector	Description of raw materials, industrial linkages, and market access
	<p>Although Bangladesh shows prominence in yield per unit area for wheat (3.1 MT per hectare vis-à-vis 3.07 MT per hectare globally), locally produced wheat are low on protein content. As a result of the same, Bangladesh has import dependency for wheat (Russia, Ukraine, and India are the major importers).²⁹⁸ Rajshahi division is the top wheat producing division in the country. Egg and milk production in Bangladesh is not sufficient. Bangladesh's sugaryield (per unit area) is lower compared to neighbouring countries and as a result of the same, sugar is also imported. Rajshahi division produces major sugarcane and it is also largest producer of fruits including mango. Rice cultivation takes place in abundance in this country; ~75% of the total cropped area and ~80% of the total irrigated area is planted to rice. It caters to ~67% of total calorie supply and ~50% of total protein intake of an average person in this country.²⁹⁹ Agro produces (both in raw form and intermediaries) caters to domestic demand as well as to F&B units for production of second stage of value chain products.</p> <p>Bangladesh specialises in export of unmanufactured tobacco. Bangladesh produces 10,000 MT of tobacco in a year, out of which ~30% is exported. Khulna and Rangpur divisions are the topmost tobacco producing divisions. Tobacco cultivated caters to the domestic demand and the tobacco leaves are being exported to large economies.</p> <p>Jute is one of the predominant cash crops in Bangladesh. Bangladesh is contributing ~39% of world's jute production. Jute is cultivated in almost all districts of Bangladesh; various jute mills are located in Khulna division. As explained earlier, humid climate in this country is not conducive for cultivation of cotton, hence cotton is primarily imported from countries like China, and India owing to quality aspects as well as less lead time requirement due to import from neighbouring countries.</p> <p>Agro based products manufactured in Bangladesh primarily caters to the domestic demand and as feed to F&B industry. Export of agro based products mostly takes place to India and the surrounding countries. High dependency on primary sector (agriculture) necessitates the usage of light machinery and agricultural equipment in Bangladesh.</p>
Leather and Leather Products	<p>Leather industry is the second largest export earning sector of Bangladesh with major markets being Italy, England, Spain, France, Germany, Poland, China, Japan, USA and Canada. Bangladesh meets the demand of 10% of the world's total leather market. The overall leather industry is classified into three broad categories such as finished leather, leather products, and footwear. GoB has also declared this industry as the priority sector.</p> <p>Value chain assessment of this sector depicts that in tanneries raw animal skins and hides are processed (using industrial salt and chemicals) to manufacture finished leather, which in turn is used to manufacture leather based products and footwear. Design of the leather products is a critical</p>

²⁹⁸ ITC Trade Database

²⁹⁹ <http://www.knowledgebank-brri.org/riceinban.php>

Sector	Description of raw materials, industrial linkages, and market access
	<p>step which precedes the leather based products manufacturing. Designing involves skilled human resources and there appears to be a clear gap in availability of specialised manpower towards this stage.</p> <p>Tanneries in Bangladesh form a cluster, recently this cluster has been relocated to Savar area from Hazaribagh area of Dhaka. This move was undertaken in order to regulate tanneries in Bangladesh and to ensure that proper safety and environment friendly norms were being followed. Basis primary survey, these tanneries suffer from inadequate infrastructure (such as non-metalled internal road, non-functional CETP, and high electricity cost), resulting in adverse effect on production of leather and underutilization of capacity for tanneries, located in Savar. The raw material required for leather is animal hide and skin. Due to its large cattle population, Bangladesh has a good supply of leather. Cow hides account for 56% of production, goat skins for 30% and buffaloes make up the rest.³⁰⁰ Bangladesh is a net exporter of raw hides and skins. Raw hides obtained from animals are mixed with chemicals for the purpose of tanning. The chemicals used for this process are currently imported due to lack of domestic production of the same. After tanning of leather, these leather goods are supplied to manufacturers of leather goods, where leather is converted into different products like footwear, bags, belts, clothes etc.</p> <p>Final output from this sector caters to the domestic demand as well as it serves the export market. High quality and high end leather products are being manufactured in this country which are fit for export to large economies. Bangladesh is a net exporter of leather; however, export share of leather products has potential to increase in Bangladesh. For which adoption of new technologies, investment in R&D, and gradual development of designing capacity will be required. Bangladesh currently exports its leather products across the globe.</p>
Plastic and Rubber	<p>Plastic and rubber industry segment acts as intermediary and backward linkages for other sectors such as leather, packaging, machineries & equipment, footwear, and accessories. Plastic and rubber industry in Bangladesh is depicting an annual growth rate of 20%.³⁰¹</p> <p>Oil and gas industries are the primary upstream industries required for plastic and synthetic rubber production.</p> <p>From crude oil distillation, compounding exercise is undertaken in which plastic products are polymerised. Further, mixing and moulding takes place for converting polymers to plastic products.</p> <p>Natural (procured from rubber plantation) and synthetic rubber are compounded through adding chemical additives to manufacture rubber based products for industrial, commercial, and household purposes.</p> <p>Owing to lack of oil refineries in this country, Bangladesh has limited participation in the plastic compounding stage. Since there is no polyolefin units in Bangladesh and demand of polymers is met through import (from China, Saudi Arabia, Chinese Taipei, Korea, and Thailand). Raw material</p>

³⁰⁰ Research Gate. 2013. *Bangladeshi Leather Industry: An Overview of Recent Sustainable Developments*.

³⁰¹ <http://bida.gov.bd/plastic-industry>

Sector	Description of raw materials, industrial linkages, and market access
	<p>requirements of plastic is met through import and from local recycled plastic waste.³⁰² It is to be noted that 20% of raw materials are from recycled materials.³⁰³ Bangladesh has limited production capacity in this sector due to lack of advanced machinery and lack of skilled human resources. As a result, plastic products manufactured in this country primarily cater to domestic demand.</p> <p>Due to lack of upstream petrochemical industries, there is no production of synthetic rubber in Bangladesh. Natural rubber is produced from rubber plantations located in Chattogram, Sylhet, Madhupura, and in Bandarban hill tracts.³⁰⁴ Major importing countries for synthetic rubber are India and non SASEC countries. Products from plastic and rubber industries are mostly used for industrial, commercial, and domestic consumption. Due to lack of advanced technology, local small and medium players have restriction in producing quality rubber products. As a result, rubber produced in Bangladesh primarily caters to the domestic demand and export contribution is very less.</p>
Paper and Packaging	<p>As per Bangladesh Paper Mills Association, there are 110 paper mills in Bangladesh with a production capacity of 1.5 million metric tonne per year. Manufacturers in Bangladesh are investing in upgradation of technology to produce export quality papers in order to export paper to 40 countries. Paper and paper products exports from Bangladesh generated revenue of USD 16.24 million in 2018.³⁰⁵</p> <p>The process of manufacturing paper products can be divided into a 3-stage process. The first stage involves acquiring raw material which can be soft wood, bamboo or other fibre-based plants. Raw material availability in Bangladesh is limited currently due to lack of ample land, conducive climate and soil conditions. Manufacturers are able to source local wood for manufacturing of basic paper. The wood obtained from plants is converted into pulp through use of digester, bleaching agents are typically sourced from local suppliers.³⁰⁶ Manufacturers also use recycled paper or import pulp from other countries depending on the final product. This pulp is then converted into paper or packaging products.</p> <p>Usually integrated paper manufacturers in other countries have upstream access to forest towards sourcing of wood. In Bangladesh, locally sourced wood is procured from forest areas in Bandarban and Chattogram forest areas. However, the pulp available locally is not of high quality fit for commercial and industrial purposes.</p> <p>Per capita paper and board production in Bangladesh is ~3.5-4 kg, whereas the world average is 50 kg.³⁰⁷ This shows that Bangladesh is still lagging behind the world in per capita paper production. Although, Bangladesh is producing sufficient paper for writing, printing and newsprint purposes, consumers are still dependent on imports for packaging material used in RMG, medicine and food items. This is because Bangladesh does not produce high quality pulp locally and while local raw material can meet local demand for basic paper and tissues, it does not satisfy the needs of</p>

³⁰² <http://emergingrating.com/wp-content/uploads/2017/09/Plastic-Industry-of-Bangladesh-Vol-I.pdf>

³⁰³ *The Financial Express*. 2015. *Export-Oriented Plastic Industry of Bangladesh: Opportunities and Challenges*

³⁰⁴ http://en.banglapedia.org/index.php?title=Rubber_Industry

³⁰⁵ <https://www.thedailystar.net/business/news/exports-prove-boon-paper-mills-1686010>

³⁰⁶ *Paper Sector in Bangladesh: MMA Quader (2011)*

³⁰⁷ *Paper Sector in Bangladesh: MMA Quader (2011)*

Sector	Description of raw materials, industrial linkages, and market access
	<p>manufacturers in RMG, F&B and pharmaceutical sectors, who are very particular about their paper quality. Paper packaging items are currently imported from Japan, South Korea, China, India and Indonesia.</p>
Chemicals	<p>Chemicals sector comprises various products viz. (i) fertilizer, (ii) adhesives & paints related products, and (iii) other chemicals. This sector exhibits annual growth trend of ~9%.³⁰⁸ Chemicals sector acts as the downstream sector for various sectors such as agro based, shipbuilding, and heavy machineries. Adhesives and paints based products are consumed for household, commercial, and industrial purposes. At present, chemicals sector fulfils domestic demand and it is not export oriented. This sector is largely dominated by local traders who offer competitive price across the range of products.³⁰⁹ Primary survey among industrial players reveals that owing to lack of technical know-how, lack of skilled manpower, and lack of quality laboratory facilities (research and testing) in this country, Chemicals sector is yet to shape up in Bangladesh and get ready for export oriented manufacturing.</p> <p>Urea is the major raw material for fertilizer production. Additives are added to Urea for manufacturing fertilizers. Bas is primary survey, production of urea based fertilizer is controlled by GoB; current production of urea is not sufficient to meet local demand (demand is 2.5 million MT annual and local supply is only 1 million MT annual) and owing to the same, import of fertilizer is required. Private players are involved in adding micronutrients (NKPF) to urea in order to enhance the quality.</p> <p>Resin is the basic raw material for adhesive manufacturing, the same is imported. Downstream produces from adhesives are used in footwear, light engineering and construction sectors in the country. Large paints companies in Bangladesh are dependent on procuring raw materials through import from reputed empanelled vendors worldwide. Basis primary survey with industrial players, local (small and medium scale) chemicals manufacturers are dependent on importing resins from countries like India and South Asia.</p> <p>Outputs of Chlor Alkali and Hydrogen Peroxide are basic chemicals necessary for all industrial usage. Downstream products from these basic chemicals have demand across various sectors such as dyeing, textile, F&B, Electrical & Electronics, Steel, Leather, Pharmaceuticals, and Plastic. These inputs are primarily imported from India, China, and other Asian countries. Due to lack of integrated chemical manufacturing facilities in Bangladesh, this sector is import dependent.</p>
Non-metallic minerals	<p>Non-metallic minerals sector comprises of (a) glass, (b) ceramics, and (c) cement. This sector records an average annual growth trend of ~24%.³¹⁰ Manufacturing output from these sectors primarily caters to the domestic demand.</p>

³⁰⁸ <http://www.thedailystar.net/supplements/painting-the-future-bright-1331338> <https://factsweek.com/160464/asia-textile-chemicals-market-is-projected-to-exhibit-a-cagr-of-7-6-from-2014-2020/>

<https://advancedtextilesource.com/2014/07/23/bangladesh-textile-chemicals-market-growth-continues/>

³⁰⁹ www.banglajol.info/index.php/jce/article/download/10178/7533

³¹⁰ <http://www.thedailystar.net/supplements/overview-bangladeshs-ceramics-industry-1498489>

Sector	Description of raw materials, industrial linkages, and market access
	<p>Bangladesh glass and glassware sector is demonstrating healthy growth rate of ~20% annually. Main ingredient of glass industry is sand, although quality sand is imported from China and Egypt.³¹¹ In addition, Bangladesh imports the other ingredients (like limestone, dolomite, feldspar, and other minerals) required for glass industry. Local sand deposits of Bangladesh are located at Balijuri, Shahjibazar, Maddhyap ara, and Barapukuria.³¹² Secondary research depicts that local glass sector caters to ~95% of the domestic demand; local glass companies are exporting products to South Asian countries (such as India, Nepal, Bhutan, and Sri Lanka).³¹³</p> <p>The domestic market for ceramic products, including tableware, tiles and sanitary ware, is worth about BDT 6,000 crore annually. According to Bangladesh Ceramics Manufacturers and Exporters Association (BCMEA), Bangladesh exported ceramic products worth BDT 585 crore last year.³¹⁴ Clay mining (main ingredient) is sourced locally from Mymensingh and Sylhet regions. Basis primary survey with industry sector players, for high quality products, Bangladesh is import dependent and other raw materials (minerals, adhesives, and chemicals) are being imported. This sector caters to ~85% of the domestic demand and export takes place to various countries (like India, large western economies).³¹⁵ Natural gas is used in the production process and owing to low Sulphur content in locally available natural gas, ceramics products look shiny and bright, which makes it adequate for export to large markets.³¹⁶</p> <p>Limestone is the major raw material for cement production. Limestone is processed to form clinker, on which additives are mixed and crushed to manufacture cement. For cement production in this country, end-to-end manufacturing is not available as Bangladesh doesn't have enough supply of limestone. Clinker (processed limestone) is being imported from countries such as India, China, and South East Asia. Coal is also imported, and fly ash is sourced locally. All the cement based industrial units are located adjacent to river to facilitate smooth logistics. Cement production in this country is primarily used for domestic consumption and minimal export takes place.</p>
Automobile and accessories	<p>With rising income levels in the country, Bangladesh's demand for automobiles is rising. The domestic market demand has been mostly satisfied by imports. Bangladesh is not present across the value chain of automobile industry due to lack of technological know-how and trained manpower. The country has been primarily dependent on assembling of automobile components; these components (completely knock down units) are being imported. Currently the passenger car import comprise of refurbished cars or re-used cars that are reconditioned in Bangladesh. Import of passenger cars has clocked USD 470 million (in 2019).</p> <p>However, with development of technological know-how automobile manufacturers are starting to manufacture vehicles at competitive prices locally and have also started targeting export markets. In the recent past several foreign entities expressed their intent to invest in Bangladesh. For</p>

³¹¹ Secondary research and primary survey

³¹² Banglapedia

³¹³ <http://www.thedailystar.net/news-detail-42940>

³¹⁴ <http://www.theindependentbd.com/post/227968>

³¹⁵ <http://www.thedailystar.net/supplements/overview-bangladeshs-ceramics-industry-1498489>

³¹⁶ <http://www.thedailystar.net/supplements/overview-bangladeshs-ceramics-industry-1498489>

Sector	Description of raw materials, industrial linkages, and market access
	<p>example, recently Ashok Leyland opened a new commercial vehicle assembly plant near Dhaka. Various assemblers of vehicles are joint-ventures with foreign entities to help bring in technology and parts. Examples include a partnership between Ashok Leyland and IFAD Autos Limited, and a partnership between Tata Motors and Nitol Niloy Group. Bangladesh has duty-free agreement with several countries due to which cars manufactured and exported from Bangladesh do not attract import duties. These cars can also attract local customers who are interested in buying new cars rather than refurbished cars.</p>
Heavy Machinery, Iron, Steel and Metal	<p>Bangladesh is one of Asia's emerging steel markets having more than 400 steel, re-rolling and auto re-rolling mills. Most of steel manufacture in Bangladesh takes place in form of long steel products and MS bars used in construction of buildings. Majority of the steel and metal based industrial units in Bangladesh are re-rolling mills and they are located in Chattogram and Narayanganj areas, where downstream produces (steel and metal scraps) from ship breaking industry are readily available. As per discussions with leading steel manufacturers, Bangladesh currently produces more than 4 million tonnes of steel and production of this sector is expected to double by 2022.</p> <p>The value of chain of this sector involves mining of iron ore and converting it into pig iron inside blast furnace. This pig iron is converted into steel ingots by adding metals like magnesium, nickel etc. as per requirements of the final products. These steel ingots are then sent to rolling mills where they are converted into billets. Billets are then converted into final products in re-rolling mills.</p> <p>Due to absence of iron ore deposits, steel industry in Bangladesh is dependent on import of scraps and billets to produce final products. Bangladesh currently manufactures steel for its domestic consumption only, however due to capacity expansion by steel manufacturers, Bangladesh has also developed potential to export steel products. Heavy machineries are dependent on supply of metals and steel. However the skill and technology requisite for the same are not available in the country. Waterfront facilities are required for setting up of steel, metal, and heavy machinery manufacturing related industries in the country.</p>
Electrical and Electronics	<p>Electrical and electronics sector consists of various end products such as cables, electrical appliances, switches, white goods, electronics appliances and goods. This sector caters to both household requirements as well as industrial requirements in sectors such as shipbuilding, heavy machineries & equipment, and light machinery. The market size of the electronics industry (including both industrial and consumer electronics) is around 4 billion USD in 2017 and is expected to reach around 12 billion USD by 2025.³¹⁷</p> <p>Raw materials for this sector is diversified and dependent on industrial linkages of various sectors. Products from plastic and rubber industries are used as base for production of switches and cables. Products from metal based industries are used for electrical wiring. Electronics sector has a fragmented value chain spread across various geographic locations. Spare parts of electronics sector (such as compressor, coil, and circuit) are</p>

³¹⁷ [https://www.hcidhaka.gov.in/pdf/Report_on_Consumer_Electronics_Industry_in_Bangladesh\(1\).pdf](https://www.hcidhaka.gov.in/pdf/Report_on_Consumer_Electronics_Industry_in_Bangladesh(1).pdf)

Sector	Description of raw materials, industrial linkages, and market access
	<p>sourced through import from India, China, Thailand, Singapore, and Malaysia. In addition to assembling of the spare parts, manufacturing of spare parts are also available in the country.³¹⁸</p> <p>The country's import in computer and telecommunication devices has been growing with negligible export. Growth in this sector is primarily attributed to the growing consumption pattern countrywide. Singapore, Malaysia, China, and India are the major supplier of spare parts and accessories. Major produces from this sector (such as electronic appliances like AC, fridge, TV, computer and peripherals; electrical fittings, cables, and lighting) are consumed locally. Electrical and Electronics products manufactured locally are comparatively cheaper as compared to the products being manufactured by large brands (such as Sony, Samsung, Hitachi). Walton is the major player in electronics segment in Bangladesh with a market share of ~70%-80%. Local manufacturers hold minuscule share of market and they fail to enjoy economies of scale. Since the output from this sector are cost beneficial as compared to the product offerings of international brands, this sector mostly caters to the domestic demand. Minimal export takes place to India, Africa, Nepal, and Sri Lanka.³¹⁹</p>
Ship Building and Ship Breaking	<p>Shipbuilding industry in Bangladesh is growing; exports earning from this sector in 2018 was USD 30 million, whereas in FY 2012-13 it was USD 5.73 million.³²⁰ However, Bangladesh is still a net importer of end products of shipbuilding industry, with imports of USD 163.5 million in 2019.³²¹ The most imported items in Bangladesh are cruise ships, excursion boats, ferry boats, cargo boats; and light vessels, fire-floats, and dredgers. There are currently 300 shipyards operating in Bangladesh where 0.3 million people are employed.³²² Approximately 70% of the yards are located in and around Dhaka and Narayanganj along the side of the riverbanks of the Buriganga, Shitalakshya, and Meghna. About 20% of the shipyards are in Chattogram division located along the side of the Karnapuli River and 6% are located along the bank of Poshur River of Khulna division, and the remaining 4% are located in Barisal division. Almost all inland, coastal, and bay crossing ships are constructed and repaired locally in these local shipyards.³²³</p> <p>Design stage is the first component in the value chain where the layout of the ship is finalized. Ship production is primarily dependent on using steel plates to manufacture the hull of the ship and installing engines, cables and machines inside the ship. Manufacturing of ship requires designing of ship and availability of power sources. Shipbuilding industry requires input from various other downstream industries such as light engineering, chemicals (paints and adhesives), and steel.</p> <p>At present, Bangladesh has limited participation at the design stage of the value chain, which requires skilled manpower. Bangladesh shipbuilders (due to lack of specialised skillset) are supplied with designs by foreign ship owners. From the input perspective, inputs such as steel plates, switch</p>

³¹⁸ Primary survey with industry players

³¹⁹ Primary Survey with industry players

³²⁰ <https://thefinancialexpress.com.bd/trade/export-earnings-from-shipbuilding-soar-1513396358>

³²¹ ITC Trade Database

³²² <https://thefinancialexpress.com.bd/trade/export-earnings-from-shipbuilding-soar-1513396358>

³²³ Japan Bangla Business Center. 2014. A Report on Shipbuilding Industry of Bangladesh.

Sector	Description of raw materials, industrial linkages, and market access
	<p>boards, steel cables, and power transformers, are procured locally, whereas engines are imported exclusively. With regard to steel, which is the primary input necessary for the industry, Bangladesh is import-dependent. This is because maximum steel rolling mills in Bangladesh are focussed towards producing long bars which have a higher demand from the construction industry and Bangladesh has a limited steel plate producing capacity.</p> <p>The coastline of Bangladesh is also conducive for setting up ship breaking industry which primarily requires cheap labour. Shipyards in India, Pakistan and Bangladesh comprise around 80% of global breaking and recycling market.³²⁴ The biggest ship recycling yard out of these 3 countries is in Chattogram, which recycled 230 ships in 2017.³²⁵ Basis primary interaction and sectoral research, it was understood that Bangladesh gets 60% of its steel supply from ship breaking industry, which is used in iron, steel, light engineering and equipment manufacturing industries.</p>
Petroleum products (including bottling)	<p>Petroleum sector in Bangladesh is exhibiting historical annual growth trend of 10%.³²⁶ Bangladesh is a major importer of petroleum products. Based on the petroleum and petroleum based products (such as LPG, LNG, and polymers), gas refining, storage and bottling facilities have been developed in waterfront locations mostly located near the sea sides of the country.</p> <p>Based on extraction of crude oil, distillation and polymerization takes place to manufacture various downstream products such as lube oil, plastic, and rubber. Since there is no crude oil reserve in this country, Bangladesh is not present across the value chain of this sector. Crude oil is mostly being imported from gulf countries. Setting up of oil refineries is highly capital intensive and it involves usage of advanced technologies and heavy machineries. Further, highly skilled and specialized manpower is essential towards smooth functioning of this sector. Basis primary survey with industry players, Bangladesh lacks in terms of availability of highly skilled manpower; as a result of which, Bangladesh is present in less technologically challenging aspects in the value chain of this sector. There are various local players manufacturing lube oil and blended oil which are primarily consumed in sectors such as automobile, heavy engineering, and light machinery. LPG based cylinders are bottled in cylinders for industrial, commercial, and domestic supply. This sector caters to the local demand and not export oriented.</p>
Pharmaceuticals	<p>Pharmaceuticals is one of the most popular industry sector in the country. Bangladeshi pharmaceutical industry is growing very fast meeting 98% of domestic demand and posting a 27% growth in export earnings. In 2018, the country's domestic pharmaceutical market size stood at BDT 20,511.8 crore with 15.6% CAGR for the last five years.³²⁷ The sector is expected to grow at 15% year-on-year to reach \$5.11 billion by 2023, propelled by high investment by local companies as they seek to grab a bigger share of the global market.</p>

³²⁴ <http://www.atimes.com/article/shipbreaking-asia-profit-price/>

³²⁵ <http://www.atimes.com/article/shipbreaking-asia-profit-price/>

³²⁶ <http://fpd-bd.com/wp-content/uploads/2016/10/Research-Report-on-Energy-Sector-of-Bangladesh-Initiation-Mar-15-11.pdf>

³²⁷ <https://www.dhakatribune.com/business/2019/08/22/bangladesh-pharmaceutical-industry-blooms-bigger>

Sector	Description of raw materials, industrial linkages, and market access
	<p>Pharmaceuticals is a highly research and development oriented industry where regulatory aspects (like drug laws, patent issues, and affiliation with drug agencies) play key role. From basic chemicals and other products (like herbal contents), APIs are manufactured. APIs are the key ingredients for drug manufacturing.</p> <p>APIs of Pharmaceutical sector is sourced through import owing to quality issues and lack of API manufacturing ecosystem in the country. Basis primary survey, Bangladesh has commenced API manufacturing, but the production is not sufficient to cater to the economies of scale (~10% APIs are locally sourced). Also, owing to lack of educational ecosystem and lack of research facilities, Bangladesh is limited in R&D and sourcing of skilled technicians in this sector. Chemicals and various ingredients of drug are imported (from various markets spread across USA, Europe, and Asia) and end products (drugs) are being manufactured in this country.</p> <p>Dhaka and the surrounding region has evolved as a hub for pharmaceutical manufacturing with majority of the pharmaceutical units are located in this region. Basis primary survey with industry players, lack of adequate educational system related to pharmaceutical sector and availability of skilled human resources are major challenges that this sector is facing. End products of this industry primarily caters to domestic demand and minuscule export takes place (mostly to Africa and LDC countries).</p>
Light Machinery, Equipment and Furniture	<p>This sector involves production of mechanical equipment, agricultural machinery, bicycles, and furniture. Produces from this sector is predominantly used for catering to domestic demand.</p> <p>This is an important industry in Bangladesh as it provides backward and forward linkages to all other industries. Light machinery sector provides support for operation and maintenance of heavy machines through production of spare parts, castings, moulds, dies, fittings etc. As per information provided by BIDA there are currently 40,000 light engineering units/workshops scattered across Bangladesh. These industries develop in vicinity of industrial clusters in order to provide support to large scale capital intensive factories requiring heavy machinery. Products manufactured by this sector can be made out of rubber, ceramics, metals or plastic. Exporters from countries like China, Japan and Korea are developing light engineering facilities in Bangladesh in order to cater to export market.</p> <p>Raw materials are steel scraps, components of plastic and rubber, and wood. Basis primary interaction, we were informed that steel scrap is sourced primarily from ship breaking industries (located in Chattogram and Narayanganj). Other raw materials (such as articles made of plastic and rubber) are sourced locally; Bangladesh doesn't produce good quality wood required for manufacturing of furniture. Since, wood available in Bangladesh are high in moisture and fibre content and is not fit for processing.</p> <p>Bicycle sector in Bangladesh participates in the entire value chain (assembling and manufacturing). Manufacturers focused on export are completely import dependent for raw material sourcing. According to them, quality raw material fit for export is not available locally. However, majority of manufacturers are focused on catering to domestic demand.</p>

15.11. Annexure 11 – Respondents’ Profile: Primary Survey

Sl. No.	Name of Company	Sector	Origin	Contact Number	Email ID
1	M/S Mama Bnagne Poultry & Fish Feed	Agro-based	Domestic	1711636843	tarifaciflourmills@gmail.com
2	Tarif Auto Flour Mills	Agro-based	Domestic	1711636843	tarifaciflourmills@gmail.com
3	M/S alberuni Auto Rice Mills	Agro-based	Domestic	1714056590	N/A
4	M/S Anupom Food & Feeds Mill	Agro-based	Domestic	1711146631	N/A
5	JABAD Group	Agro-based	Domestic	1797816404	afrozasurovi92@gmail.com
6	Aman Feed	Agro-based	Domestic	01755-675854	info@amangroupbd.com
7	Saha Auto Mills	Agro-based	Domestic	1712973487	N/A
8	Vuiya Rice Agency	Agro-based	Domestic	1711528594	N/A
9	M/S Niloy Rice Agency	Agro-based	Domestic	1813895260	N/A
10	Bashundhara Group	Agro-based	Domestic	N/A	N/A
11	Prime Group(agro based)	Agro-based	Domestic	9564851	N/A
12	Ispahani Tea	Agro-based	Domestic	1937900062	mustafiz_ial@monisphano.com
13	Ispahani Agro Limited	Agro-based	Domestic	1937900062	mustafiz_ial@monisphano.com
14	Jabed Group	Food & Beverages	Domestic	01797-816400	afrozasurovi92@gmail.com
15	Raja food products	Food & Beverages	Domestic	01904-319901	mir.delowar10@gmail.com
16	messas anupom food & feed mills	Food & Beverages	Domestic	01711-146631	N/A
17	Ispahani Food Ltd.	Food & Beverages	Domestic	1937900062	info@ispahanifoods.com
18	Shezan/Sajeeb Ltd	Food & Beverages	Domestic	1711763088	alam.hrm@sajeebgroup.com
19	Nocilla Sajeeb Ltd	Food & Beverages	Domestic	1711763088	alam.hrm@sajeebgroup.com
20	Hulk Sajeeb Ltd	Food & Beverages	Domestic	1711763089	alam.hrm@sajeebgroup.com
21	popi bekary	Food & Beverages	Domestic	01828-864588	N/A
22	Bengal Group Of Industries	Food & Beverages	Domestic	1936009035	fin@bengal.com.bd
23	Polar Ice Cream Company Ltd.	Food & Beverages	Domestic	01924-732729	N/A
24	Parex Group	Food & Beverages	Domestic	01921-581256	N/A
25	A.T Haque Ltd	Food & Beverages	Domestic	01988-808055	probir.roy@athaque.com

Sl. No.	Name of Company	Sector	Origin	Contact Number	Email ID
26	Nabisco Biscuit & Bread Factory Ltd.	Food & Beverages	Domestic	01712-161606	N/A
27	Fulkoli Sweets Company	Food & Beverages	Domestic	01766-793426	N/A
28	ACI(Advance Camicals Industries)	Pharmaceuticals	Domestic	28878603	N/A
29	Incepta Pharmaceuticals Ltd.	Pharmaceuticals	Domestic	1916923792	N/A
30	General Pharmaceuticals Ltd.	Pharmaceuticals	Domestic	1754676879	N/A
31	Delta Pharma Ltd.	Pharmaceuticals	Domestic	1738490322	N/A
32	Jayson Pharmaceuticals Ltd.	Pharmaceuticals	Domestic	01713080446	admin@jaysonbd.com
33	Alco Pharma Ltd.	Pharmaceuticals	Domestic	028814900	N/A
34	Decent Pharma Laboratories Ltd.	Pharmaceuticals	Domestic	028853192	N/A
35	Opsonin Pharma Ltd	Pharmaceuticals	Domestic	025514200	N/A
36	Techno Drugs Ltd.	Pharmaceuticals	Domestic	01313011112	info@technodrugsLtd.com
37	Gaco Pharmaceuticals	Pharmaceuticals	Domestic	028870027	hr@gaccogroupbd.com
38	Total Pharma	Pharmaceuticals	Domestic	01788183962	totalpharmabd@gmail.com
39	Proximo Health Solution Ltd.	Pharmaceuticals	Domestic	01985550920	prasantokumar530@gmail.com
40	Nipro JMI Pharma Ltd.	Pharmaceuticals	Domestic	0255138726	N/A
41	Beximco Pharmaceuticals Ltd.	Pharmaceuticals	Domestic	01758593966	N/A
42	Pacific Pharmaceuticals Ltd.	Pharmaceuticals	Domestic	01621764780	N/A
43	RCI Limited	Chemicals	Domestic	1711684787	rafiqjam@gmail.com
44	RCI Limited	Chemicals	Domestic	1711684787	rafiqjam@gmail.com
45	RCI Limited	Chemicals	Domestic	1711684787	rafiqjam@gmail.com
46	JABED Group	Chemicals	Domestic	1797781640	afruzasurovi92@gmail.com
47	Modern Perfumery & Chemical	Chemicals	Domestic	1716794690	N/A
48	Burhan Perfumery House	Chemicals	Domestic	02-57310853	N/A
49	Kamal Chemical & perfumery	Chemicals	Domestic	1745986666	kamal_chemicals@yahoo.com

Sl. No.	Name of Company	Sector	Origin	Contact Number	Email ID
50	ACI	Chemicals	Domestic	28878603	tarekaci@gmail.com
51	Remo Chemicals Limited	Chemicals	Domestic	1714022235	info@remochemical.com
52	Hagi Perfumery & Chemicals	Chemicals	Domestic	1713012488	gtirepon@hotmail.com
53	Anan Chemical Industries Limited	Chemicals	Domestic	N/A	N/A
54	Alliance leather Goods foot wear	Leather and Leather Products	Domestic	01713387500, 01712046046	N/A
55	M/S Irrove Leather ltd.	Leather and Leather Products	Domestic	1817547460	N/A
56	M/S. Sonali Hides	Leather and Leather Products	Domestic	01711-522570	N/A
57	Proyron Tannery	Leather and Leather Products	Domestic	01911-341016	N/A
58	Rumi Leather	Leather and Leather Products	Domestic	01675-867225	N/A
59	M/S. Pubali Tannery	Leather and Leather Products	Domestic	01712-105574	N/A
60	Tan Trade BD Ltd.	Leather and Leather Products	Domestic	01819-284161	N/A
61	Balmer Lawrie & Co. Ltd.	Leather and Leather Products	Domestic	01712-121161	chemirex_bd@yahoo.com
62	Sarwar Leather Corporation Ltd.	Leather and Leather Products	Domestic	01711-595817	slcaliashraf@gmail.com
63	Samata Leather Complex Ltd.	Leather and Leather Products	Domestic	01711-391183	ali.romzan@gmail.com
64	Progressive leather & Footwear Co.	Leather and Leather Products	Domestic	01711-532703	fazlulmukit@gmail.com
65	Phonix leather	Leather and Leather Products	Domestic	01815-200985	N/A
66	Honest Trade International	Electrical/Electronics	Domestic	01817-074693	mdmilon68@gmail.com
67	Presedent Lighting Corportion	Electrical/Electronics	Domestic	01611-224316	N/A
68	Sdi Electric Co.	Electrical/Electronics	Domestic	01711-782719	bemabd@gmil.com
69	Rahmat Ineternational	Electrical/Electronics	Domestic	01720-395605	rahmtinternational01@gmail.com

Sl. No.	Name of Company	Sector	Origin	Contact Number	Email ID
70	LG Cables	Electrical/Electronics	Domestic	01711-535510	mdaiburrahman32@gmail.com
71	K.P Electrics	Electrical/Electronics	Domestic	01711-585086	N/A
72	Saudia Electric Co.	Electrical/Electronics	Domestic	01711-566466	N/A
73	M/S Bengal Electric Store	Electrical/Electronics	Domestic	01740-191426	bengal.electric.store@gmail.com
74	Kings Bidut Bitan	Electrical/Electronics	Domestic	01714-352087	N/A
75	Rashid Enterprise	Electrical/Electronics	Domestic	02-9568531	re.nawabpur@gmail.com
76	Rabbi Trade Int.	Electrical/Electronics	Domestic	01799-598303	mannanperfect@gmail.com
77	Rahim Energy Ltd.	Electrical/Electronics	Domestic	01736-790881	info@rahimgroup.org
78	Pasha Lighting	Electrical/Electronics	Domestic	02-47114376	lightingzonebd@yahoo.com
79	Esop Electric & Electronics	Electrical/Electronics	Domestic	01911-041218	jhnjsr09@gmail.com
80	Avadh Sugar & Energy Ltd.	Agro-based	India	256220	avadhsugar@birlasugar.org
81	Tata Coffee Ltd.	Agro-based	India	251411/ 251413	investors@tatacoffee.com
82	Maxies And Company (Private) Limited	Agro-based	Sri Lanka	(94)-317873873	N/A
83	Malwatte Valley Plantations Plc	Agro-based	Sri Lanka	94-115388800	mahinda@malwatte.lk
84	Ruchi Soya Industries Ltd.	Food & Beverages	India	2513281/ 2513282/ 2513283	ruchisoyasecretarial@ruchisoya.com
85	Pt Indofood Sukses Makmur Tbk	Food & Beverages	Indonesia	62-21-5795-8822	victor.suhendra@indofood.co.id
86	Pt Indofood Cbp Sukses Makmur Tbk	Food & Beverages	Indonesia	62-21-5795-8822	elly.putranti@icbp.indofood.co.id
87	Lupin Ltd.	Pharmaceuticals	India	66402323	info@lupin.com;
88	Chemanex Plc	Pharmaceuticals	Sri Lanka	94-0112326845,+94-0112326848	cnx@chemanex.lk
89	Pc Pharma Plc	Pharmaceuticals	Sri Lanka	94-0114724242	info@papharma.lk
90	Pt Kalbe Farma Tbk	Pharmaceuticals	Indonesia	62-21-4287-3888,+62-21-4287-3889	bernadus.winata@kalbe.co.id
91	Pt Tempo Scan Pacific Tbk	Pharmaceuticals	Indonesia	62-21-2921-8888	corporate.secretary@thetempogroup.com
92	Deccan Fine Chemicals India Private Limited	Chemicals	India	91-04043459970	sangeetha.iyer@deccanchemicals.com
93	Galaxy Surfactants Ltd.	Chemicals	India	27616666	investorservices@galaxysurfactants.com

Sl. No.	Name of Company	Sector	Origin	Contact Number	Email ID
94	Coromandel International Ltd.	Chemicals	India	66997000/ 66997300/ 66997500	investorsgrievance@coromandel.murugappa.com
95	Cheaney Shoes	Leather and Leather Products	UK	N/A	N/A
96	Aero Leather Clothing Ltd.	Leather and Leather Products	UK	N/A	N/A
97	Boss Shoe Industries Pvt. Ltd	Leather and Leather Products	Nepal	N/A	N/A
98	Bata Shoe Company (Bangladesh) Ltd	Leather and Leather Products	Switzerland	+88029810501-5	bata518@batabd.com
99	Bharat Heavy Electricals Ltd.	Electrical/Electronics	India	66337000	shareholderquery@bhel.in
100	KEC International Ltd.	Electrical/Electronics	India	66670200	investorpoint@kecrpg.com
101	ABB India Ltd.	Electrical/Electronics	India	22949150/ 22949151/ 22949152	investor.helpdesk@in.abb.com
102	Tamco Indonesia, Pt	Electrical/Electronics	Indonesia	(62)-218935070	inquiries@tamco.co.id
103	E. B. Creasy & Company Plc	Electrical/Electronics	Sri Lanka	94-112421311,+94- 114766000	ebcl@sri.lanka.net
104	Marubeni Corporation	Multi product	Japan	NA	Yoshida-Motoaki@marubeni.com / Kawai-H@marubeni.com

15.12. Annexure 12 – Gross Value Added of Manufacturing Sector in Bangladesh

BSIC Code	Category	Gross Value Added (‘000 BDT) 2012	Estimated Gross Value Added (‘000 BDT) 2019#
10	Food products	173,959,169	307,932,474
11	Beverages	13,563,935	24,010,094
12	Tobacco products	24,103,009	41,308,322
13	Textiles	219,728,433	516,934,316
14	RMG	555,979,580	1,308,000,607
15	Leather & related products	22,180,319	35,616,745
16	Wood products & cork, except furniture; articles of straw & plaiting materials	2,305,861	3,951,841
17	Paper products	15,690,942	27,896,721
18	Printing and reproduction of recorded media	4,862,787	8,645,486
19	Coke & refined petroleum products	1,309,369	3,422,638
20	Chemical products	37,247,914	60,935,216
21	Pharmaceuticals, medicinal chemical & botanical products	33,880,955	66,024,396
22	Rubber & plastics products	16,903,205	27,142,853
23	Other non-metallic mineral products	110,552,682	229,525,073
24	Basic metals	216,992,159	378,805,097
25	Fabricated metal products, except machinery & equipment	22,258,815	38,857,407
26	Computer, electronic & optical products	10,776,985	23,824,480
27	Electrical equipment	41,146,392	90,961,564
28	Machinery & equipment n.e.c.	3,912,336	6,829,799
29	Motor vehicles, trailers & semi-trailers	9,970,559	27,452,407
30	Transport equipment	10,290,836	28,334,241

BSIC Code	Category	Gross Value Added (‘000 BDT) 2012	Estimated Gross Value Added (‘000 BDT) 2019#
31	Furniture	11,321,651	22,062,695
32	Other manufacturing	3,497,927	6,816,470
33	Repair and installation of machinery and equipment	459,602	895,634
34	Recycling	51,653	100,657
Total		1,562,947,075	3,286,287,235

Estimated for 2019

Source: Bangladesh Bureau of Statistics, Survey of Manufacturing Industries (2012) Table 5.2.2 (Page 35)

Based on the above table, following list of Gross Value Added for the initial bucket list of industries has been developed.

Industry Sectors	Gross Value Added (In BDT Mn) at 2012	Estimated Gross Value Added (‘000 BDT) at 2019#
Textiles and RMG	775,708	1,776,485
Food & Beverages	187,523	331,943
Agro based products	24,103	41,308
Leather and Leather Products	22,180	35,617
Plastic and Rubber	16,903	27,143
Paper and Packaging	17,997	32,589
Chemicals	37,248	61,505
Non-Metallic Minerals	110,553	229,525
Auto and Automobile Accessories	20,261	56,757
Heavy Machinery, Iron & Steel and Metals	239,251	421,530
Electrical & Electronics	51,923	117,861
Ship Building and Ship Breaking	511	1,052
Petroleum Products including Bottling	1,309	3,393
Pharmaceuticals	33,881	67,225

Industry Sectors	Gross Value Added (In BDT Mn) at 2012	Estimated Gross Value Added ('000 BDT) at 2019#
Light Machinery and Equipment & Furniture	18,732	36,503

Estimated for 2019

15.13. Annexure 13 – Estimation of Industrial Growth Rate

Methodology for assessment of COVID 19 Impact on Industry Growth Rates:

- Step-1: In the first step, impact of COVID 19 on every industry was assessed on various parameters such as industry inputs, domestic and international market, and trade, and possible impact on each industry was rated on a scale of 5.
- Step-2: In second step, growth rates of every industry were decreased in the ratio of the rating received through impact assessment exercise. The World Bank revised growth rate estimates for Bangladesh's industrial sector along with the ratings received were used to calculate the dips in growth rates of every industry

Industry	2019	2020	2021	2022	2023	2024	2025
Textiles and RMG	10.00%	-0.10%	0.83%	2.83%	4.31%	5.89%	8.00%
Food & Beverages	8.50%	5.96%	6.41%	7.41%	8.16%	8.95%	10.00%
Agro based products	8.00%	6.38%	7.39%	7.84%	8.17%	8.53%	9.00%
Leather and Leather Products	7.00%	1.53%	2.26%	3.86%	5.05%	6.32%	8.00%
Plastic and Rubber	7.00%	3.15%	3.70%	4.90%	5.79%	6.74%	8.00%
\Paper and Packaging	10.00%	5.96%	7.06%	8.16%	8.97%	9.84%	11.00%
Chemicals	8.00%	1.53%	2.83%	4.83%	6.31%	7.89%	10.00%
Non-Metallic Minerals	11.00%	2.68%	3.96%	6.76%	8.84%	11.05%	14.00%
Auto and Automobile Accessories	17.00%	3.26%	4.24%	7.24%	9.47%	11.84%	15.00%
Heavy Machinery, Iron & Steel and Metals	9.00%	1.72%	2.83%	4.83%	6.31%	7.89%	10.00%
Electrical & Electronics	15.00%	2.87%	4.24%	7.24%	9.47%	11.84%	12.00%
Ship Building and Ship Breaking	12.00%	7.15%	6.41%	7.41%	8.16%	8.95%	10.00%
Petroleum Products including Bottling	14.00%	2.68%	3.68%	6.28%	8.21%	10.26%	13.00%
Pharmaceuticals	12.00%	9.57%	9.85%	10.45%	10.89%	11.37%	12.00%
Light Machinery and Equipment & Furniture	15.00%	7.09%	8.32%	11.02%	13.02%	15.16%	18.00%

Industry	2026	2027	2028	2029	2030	2031	2032
Textiles and RMG	9.63%	9.64%	8.00%	8.00%	8.00%	8.00%	8.00%
Food & Beverages	10.82%	10.82%	10.00%	10.00%	10.00%	9.00%	9.00%
Agro based products	10.41%	10.41%	10.00%	10.00%	10.00%	8.00%	8.00%
Leather and Leather Products	9.31%	9.31%	8.00%	8.00%	8.00%	7.00%	7.00%
Plastic and Rubber	8.98%	8.98%	8.00%	8.00%	8.00%	7.00%	7.00%
Paper and Packaging	10.82%	10.82%	10.00%	10.00%	10.00%	10.00%	10.00%
Chemicals	9.31%	9.31%	8.00%	8.00%	8.00%	8.00%	8.00%
Non Metallic Minerals	13.96%	13.97%	12.00%	12.00%	12.00%	12.00%	12.00%

Industry	2026	2027	2028	2029	2030	2031	2032
Auto and Automobile Accessories	17.45%	17.46%	15.00%	15.00%	15.00%	15.00%	15.00%
Heavy Machinery, Iron & Steel and Metals	10.47%	10.48%	9.00%	9.00%	9.00%	9.00%	9.00%
Electrical & Electronics	13.96%	13.97%	12.00%	12.00%	12.00%	12.00%	12.00%
Ship Building and Ship Breaking	10.82%	10.82%	10.00%	10.00%	10.00%	10.00%	10.00%
Petroleum Products including Bottling	15.12%	15.13%	13.00%	13.00%	13.00%	13.00%	13.00%
Pharmaceuticals	12.49%	12.49%	12.00%	10.00%	10.00%	10.00%	10.00%
Light Machinery and Equipment & Furniture	20.21%	20.21%	18.00%	15.00%	15.00%	15.00%	15.00%

Industry	2033	2034	2035	2036	2037	2038	2039
Textiles and RMG	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Food & Beverages	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
Agro based products	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Leather and Leather Products	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%
Plastic and Rubber	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%
Paper and Packaging	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Chemicals	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Non Metallic Minerals	12.00%	12.00%	12.00%	11.00%	11.00%	11.00%	11.00%
Auto and Automobile Accessories	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Heavy Machinery, Iron & Steel and Metals	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
Electrical & Electronics	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%
Ship Building and Ship Breaking	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Petroleum Products including Bottling	13.00%	13.00%	13.00%	13.00%	13.00%	13.00%	13.00%
Pharmaceuticals	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Light Machinery and Equipment & Furniture	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%

Industry	2040	2041	2042	2043	2044	2045
Textiles and RMG	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Food & Beverages	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
Agro based products	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Leather and Leather Products	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%

Industry	2040	2041	2042	2043	2044	2045
Plastic and Rubber	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%
Paper and Packaging	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Chemicals	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Non Metallic Minerals	11.00%	11.00%	11.00%	11.00%	11.00%	11.00%
Auto and Automobile Accessories	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Heavy Machinery, Iron & Steel and Metals	9.00%	9.00%	9.00%	9.00%	9.00%	9.00%
Electrical & Electronics	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%
Ship Building and Ship Breaking	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Petroleum Products including Bottling	13.00%	13.00%	13.00%	13.00%	13.00%	13.00%
Pharmaceuticals	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Light Machinery and Equipment & Furniture	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%

15.14. Annexure 14 – Assumption Related to Investment Inflow

Greenfield Investment Inflow:

In developing countries, Greenfield investment inflow is 57.85% of total investment inflow.

Source:

http://documents.worldbank.org/curated/en/628261468781753575/110510322_20041117173021/additional/325780wps3192.pdf

GDP share of influence region of Jamalpur EZ in Mymensingh Division as a proxy of Investment share with respect to the country:

District	Total GDP (Estimated 2018) in Mn USD in Current USD
Jamalpur	3,413
Gaibandha	3,129
Bogra	5,289
Mymensingh	21,099
Sherpur	7,539
Bangladesh	262,512
Contribution of Mymensingh division	15.4%

Source: http://www.plancomm.gov.bd/wp-content/uploads/2015/02/15_Lagging-Regions-Study.pdf

Incremental Capital Investment to Value Addition

Industry Sectors	Fixed Asset to Value added ratio	Total Fixed Assets (In BDT Mn)#	Gross Value added (In BDT Mn)#
Textiles and RMG	0.74	1,313,004	1,776,485
Food & Beverages	0.84	280,013	331,943
Agro based products	0.45	18,756	41,308
Leather and Footwear	1.29	45,917	35,617
Plastic and Rubber	0.98	26,609	27,143
Paper and Packaging	1.05	34,065	32,589
Chemicals	1.40	86,299	61,505
Non-Metallic Minerals	0.80	92,224	229,525
Auto and Automobile Accessories	0.67	38,266	56,757
Heavy Machinery, Iron & Steel and Metals	0.47	197,544	421,530
Electrical, Electronics and ICT	0.48	57,091	117,861
Ship Building and Ship Breaking	0.63	667	1,052
Petroleum Products including Bottling	1.71	5,805	3,393
Pharmaceuticals	2.05	137,662	67,225
Light Machinery and Equipment & Furniture	0.76	37,625	49,827

#Estimated till 2019

Source: Survey of Manufacturing Industries 2012

15.15. Annexure 15 – Sub Sector/Product Assessment

Sector	Sub-sector/product	Regional/EZ overview	Recommendation
Agro Based products	Jute Processing Unit	<ul style="list-style-type: none"> Ready availability of Jute in all the nearby regions (Mymensingh, Gazipur, Manikgonj, Sirajganj and Tangail) along with Jamalpur district Hence the procurement of raw material is not a challenge 	Jute Processing Unit / Grain mills / Sugar mills
	Grain mills (Flour/rice)	<ul style="list-style-type: none"> The major crop cultivated in this region is rice and wheat, and hence the base material for this sub-sector is easily available 	
	Sugar mills	<ul style="list-style-type: none"> Sugar industries in country are majorly dependent on import of raw sugar. Procurement of raw material will be a costly comparatively with industries located along river side Located away from major consumption hub like Dhaka, Chattogram, Rajshahi and Khulna 	
	Tobacco processing	<ul style="list-style-type: none"> Proximity to tobacco producing regions is (Bogra and Jamalpur), and hence the transport of raw materials to the EZ is a not a challenge 	
Food & Beverage	Ready to eat (Biscuit, Jam, Chips, processed food, etc.)	<ul style="list-style-type: none"> Few fruits (like mango, banana, papaya, and litchi are the major fruits) are one of the major produce of the region which will ensure uninterrupted supply for raw material for few of industries As economic zone is adjacent to Brahmaputra river it will fulfill industry requirement of water, which is one of the critical requirements of the sector Region lacks presence of ready to eat industry, can cater to the local demand of Mymensingh. 	Ready to eat/beverage manufacturing/ Fishery and seafood
	Tea Processing	<ul style="list-style-type: none"> As tea processing plant are placed close to tea producing areas to have better access to raw material. GoB is planning for tea cultivation in Sadar upazilas of Jamalpur district. Once this is implemented, the tea processing industry can flourish in this EZ 	
	Beverage Manufacturing	<ul style="list-style-type: none"> Since Mango, papaya, banana, and litchi are majorly available here, the input for this industry is not a challenge Water, the basic ingredient for beverage industry is available from the Brahmaputra river which is adjacent to the proposed EZ. Located in close proximity to Mymensingh which is major consumption 	

	Fishery and seafood	<ul style="list-style-type: none"> As influence region lies in the river basin, fishing and related industries can be established This region also has the highest fish catch in inland water bodies and in the rivers amongst Mymensingh, Sherpur, Bogra, Gaibandha 	
	Dairy Product	<ul style="list-style-type: none"> Located in close proximity to Dhaka which is major consumption centre of country Procurement of raw material will be challenge 	
Electrical & Electronic sector	Electrical equipment manufacturing	<ul style="list-style-type: none"> Products from plastic and rubber industries are used as base for production of switches and cables and products from metal-based industries are used for electrical wiring, both of which are not in close proximity to the EZ. Industries located hear can cater to the local demand of Mymensingh region 	Electrical equipment manufacturing
	Consumer durables such as TV. Refrigerator, AC and other household appliances	<ul style="list-style-type: none"> Sector requires skilled manpower for manufacturing or assembly of consumer durables Unavailability of skilled manpower in the region would be a challenge for sector 	
	Computer parts and Smartphone	<ul style="list-style-type: none"> Sector requires manpower with technical skills in IT sector which is missing in region 	
Leather and Leather products	Leather processing	<ul style="list-style-type: none"> The tanneries are present at approx. 150 km away from the proposed EZ. Hence provision of raw material can increase the logistic cost to the leather processor 	Finished product (Shoes, purse, belt etc.)
	Finished product (Shoes, purse, belt etc.)	<ul style="list-style-type: none"> The EZ has good access to Mymensingh which is the preliminarily consumption market. Also, there are lot of training activities for manpower in this region for this industry (Ex: Strengthening Women's Ability for Productive New Opportunities (SWAPNO) project by UNDP in collaboration with Centre of Excellence for Leather Skill Bangladesh Limited (COEL) is currently implementing a Pre-Job Orientation Program for the project beneficiaries in Jamalpur) 	

15.16. Annexure 16 – Competition Phase Out Plan

Name of EZs	Location	Area (acres)	Industrial Area (acres)	2021	2022	2023	2024	2025	2026	2027	2028
Jamalpur Economic Zone 1	Jamalpur	436	283			4%	5%	5%	5%	5%	7%
Mymensingh Economic Zone, Ishwarganj	Mymensingh	488	317				3%	5%	5%	5%	5%
Mymensingh Economic Zone	Mymensingh	494	321				3%	5%	5%	5%	7%
Akiz Economic Zone	Mymensingh (Trishal)	100	80	5%	8%	10%	15%	15%	15%	12%	12%
Sherpur Economic Zone	Sherpur	361	235				3%	5%	5%	5%	8%
Hamid Economic Zone	Mymensingh	153	122			10%	10%	15%	15%	15%	20%
Outward investment/ future competition		813	528						3%	3%	3%

Name of EZs	Location	Area (acres)	Industrial Area (acres)	2029	2030	2031	2032	2033	2034	2035	2036	2037
Jamalpur Economic Zone 1	Jamalpur	436	283	7%	8%	8%	8%	8%	5%	7%	10%	8%
Mymensingh Economic Zone, Ishwarganj	Mymensingh	488	317	7%	8%	10%	10%	10%	12%	15%	5%	
Mymensingh Economic Zone	Mymensingh	494	321	7%	8%	10%	10%	10%	10%	15%	5%	
Akiz Economic Zone	Mymensingh (Trishal)	100	80	8%								
Sherpur Economic Zone	Sherpur	361	235	10%	10%	10%	10%	10%	15%	9%		
Hamid Economic Zone	Mymensingh	153	122	15%								

Name of EZs	Location	Area (acres)	Industrial Area (acres)	2029	2030	2031	2032	2033	2034	2035	2036	2037
Outward investment/ future competition		813	528	5%	7%	7%	8%	10%	17%	16%	21%	

15.17. Annexure 17 – Demand Forecasting Calculations

Cumulative power demand (Conservative) - figures in MVA

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	2.43	3.98	5.69	8.06	10.25	12.91
Agro-based industries	0.09	0.14	0.20	0.29	0.36	0.45
Leather and Leather Products	0.14	0.23	0.32	0.44	0.55	0.68
Chemicals	0.09	0.15	0.20	0.28	0.36	0.46
Electrical & Electronics	0.09	0.15	0.21	0.30	0.40	0.52
Pharmaceuticals	0.31	0.52	0.71	0.98	1.26	1.60
Total	3.15	5.16	7.35	10.36	13.18	16.62

Industry	2033	2034	2035	2036	2037	2038 onwards
Food & Beverages	15.97	18.53	21.44	27.01	37.51	40.46
Agro-based industries	0.54	0.62	0.71	0.89	1.21	1.30
Leather and Leather Products	0.83	0.95	1.09	1.34	1.81	1.94
Chemicals	0.57	0.66	0.76	0.96	1.32	1.42
Electrical & Electronics	0.65	0.77	0.91	1.19	1.72	1.87
Pharmaceuticals	1.99	2.32	2.70	3.44	4.84	5.24
Total	20.57	23.87	27.62	34.83	48.41	52.24

Cumulative power demand (Base) - figures in MVA

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	2.93	5.00	7.28	10.26	13.07	16.41
Agro-based industries	0.10	0.18	0.26	0.37	0.46	0.57
Leather and Leather Products	0.17	0.29	0.41	0.56	0.71	0.87
Chemicals	0.11	0.18	0.26	0.36	0.46	0.58
Electrical & Electronics	0.11	0.19	0.27	0.39	0.51	0.65
Pharmaceuticals	0.37	0.65	0.91	1.25	1.60	2.03
Total	3.81	6.48	9.39	13.19	16.81	21.11

Industry	2033	2034	2035	2036	2037	2038 Onwards
Food & Beverages	20.20	23.56	27.34	33.86	40.50	40.50
Agro-based industries	0.69	0.79	0.91	1.11	1.32	1.32
Leather and Leather Products	1.05	1.21	1.39	1.68	1.98	1.98
Chemicals	0.72	0.84	0.97	1.20	1.43	1.43
Electrical & Electronics	0.83	0.98	1.16	1.49	1.82	1.82
Pharmaceuticals	2.52	2.95	3.45	4.31	5.20	5.20
Total	26.01	30.34	35.22	43.65	52.25	52.25

Cumulative power demand (Aggressive) - figures in MVA

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	3.47	6.08	8.95	12.60	16.06	20.11
Agro-based industries	0.12	0.22	0.32	0.45	0.57	0.70
Leather and Leather Products	0.21	0.35	0.50	0.69	0.87	1.06
Chemicals	0.13	0.22	0.32	0.44	0.57	0.72
Electrical & Electronics	0.13	0.23	0.34	0.47	0.62	0.80
Pharmaceuticals	0.44	0.79	1.12	1.53	1.97	2.48
Total	4.50	7.88	11.55	16.19	20.65	25.87

Industry	2033	2034	2035	2036	2037	2038 Onwards
Food & Beverages	24.68	28.88	33.58	40.54	40.54	40.54
Agro-based industries	0.84	0.97	1.12	1.33	1.33	1.33
Leather and Leather Products	1.28	1.48	1.70	2.02	2.02	2.02
Chemicals	0.88	1.03	1.19	1.44	1.44	1.44
Electrical & Electronics	1.01	1.21	1.43	1.77	1.77	1.77
Pharmaceuticals	3.07	3.62	4.23	5.15	5.15	5.15
Total	31.77	37.19	43.26	52.26	52.26	52.26

Cumulative water demand (Conservative) - figures in thousand cum/ day (MLD)

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	0.53	0.86	1.23	1.74	2.22	2.79
Agro-based industries	0.02	0.04	0.06	0.08	0.10	0.12
Leather and Leather Products	0.08	0.13	0.18	0.25	0.31	0.38
Chemicals	0.03	0.05	0.07	0.09	0.12	0.15
Electrical & Electronics	0.03	0.05	0.07	0.10	0.13	0.17
Pharmaceuticals	0.13	0.21	0.29	0.41	0.52	0.66
Total	0.82	1.34	1.90	2.67	3.39	4.27

Industry	2033	2034	2035	2036	2037	2038
Food & Beverages	3.45	4.01	4.64	5.84	8.11	8.75
Agro-based industries	0.15	0.17	0.20	0.24	0.33	0.36
Leather and Leather Products	0.47	0.53	0.61	0.75	1.02	1.09
Chemicals	0.18	0.21	0.25	0.31	0.43	0.46
Electrical & Electronics	0.21	0.25	0.29	0.38	0.55	0.60
Pharmaceuticals	0.82	0.96	1.12	1.42	2.00	2.17
Total	5.29	6.14	7.10	8.95	12.44	13.42

Cumulative water demand (Base) - figures in thousand cum/ day (MLD)

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	0.63	1.08	1.57	2.22	2.83	3.55
Agro-based industries	0.03	0.05	0.07	0.10	0.13	0.16
Leather and Leather Products	0.10	0.16	0.23	0.32	0.39	0.49
Chemicals	0.04	0.06	0.08	0.12	0.15	0.19
Electrical & Electronics	0.04	0.06	0.09	0.12	0.16	0.21
Pharmaceuticals	0.15	0.27	0.38	0.52	0.66	0.84
Total	0.99	1.68	2.42	3.39	4.32	5.43

Industry	2033	2034	2035	2036	2037	2038
Food & Beverages	4.37	5.09	5.91	7.32	8.76	8.76
Agro-based industries	0.19	0.22	0.25	0.31	0.36	0.36
Leather and Leather Products	0.59	0.68	0.78	0.94	1.11	1.11
Chemicals	0.23	0.27	0.32	0.39	0.46	0.46
Electrical & Electronics	0.26	0.31	0.37	0.48	0.58	0.58
Pharmaceuticals	1.04	1.22	1.43	1.78	2.15	2.15
Total	6.69	7.80	9.05	11.22	13.43	13.43

Cumulative water demand (Aggressive) - figures in thousand cum/ day (MLD)

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	0.75	1.31	1.94	2.72	3.47	4.35
Agro-based industries	0.03	0.06	0.09	0.13	0.16	0.19
Leather and Leather Products	0.12	0.19	0.28	0.39	0.48	0.60
Chemicals	0.04	0.07	0.10	0.14	0.18	0.23
Electrical & Electronics	0.04	0.07	0.11	0.15	0.20	0.26
Pharmaceuticals	0.18	0.33	0.46	0.63	0.81	1.03
Total	1.17	2.04	2.98	4.17	5.31	6.65

Industry	2033	2034	2035	2036	2037	2038
Food & Beverages	5.34	6.24	7.26	8.77	8.77	8.77
Agro-based industries	0.23	0.27	0.31	0.37	0.37	0.37
Leather and Leather Products	0.72	0.83	0.95	1.13	1.13	1.13
Chemicals	0.29	0.33	0.39	0.47	0.47	0.47
Electrical & Electronics	0.32	0.39	0.46	0.57	0.57	0.57
Pharmaceuticals	1.27	1.50	1.75	2.13	2.13	2.13
Total	8.17	9.56	11.12	13.43	13.43	13.43

Cumulative employment generation (Conservative) - figures in nos.

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	304	498	712	1,007	1,281	1,614
Agro-based industries	70	117	168	239	297	367
Leather and Leather Products	63	99	139	192	240	297
Chemicals	82	129	181	251	322	408
Electrical & Electronics	189	304	434	616	807	1,046
Pharmaceuticals	317	530	730	1,005	1,289	1,638
Total	1,024	1,677	2,363	3,311	4,237	5,369

Industry	2033	2034	2035	2036	2037	2038
Food & Beverages	1,997	2,316	2,680	3,376	4,688	5,057
Agro-based industries	447	513	588	729	993	1,067
Leather and Leather Products	361	413	472	582	786	842
Chemicals	505	586	677	849	1,171	1,261
Electrical & Electronics	1,328	1,569	1,852	2,408	3,485	3,797
Pharmaceuticals	2,042	2,383	2,774	3,530	4,967	5,375
Total	6,679	7,781	9,042	11,475	16,090	17,399

Cumulative employment generation (Base) - figures in nos.

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	367	625	910	1,283	1,634	2,051
Agro-based industries	85	147	215	304	379	467
Leather and Leather Products	75	124	177	245	306	377
Chemicals	99	162	231	320	411	518
Electrical & Electronics	228	382	554	784	1,029	1,328
Pharmaceuticals	382	666	932	1,280	1,644	2,081
Total	1,236	2,106	3,019	4,216	5,403	6,821

Industry	2033	2034	2035	2036	2037	2038
Food & Beverages	2,525	2,945	3,417	4,232	5,062	5,062
Agro-based industries	566	653	750	915	1,082	1,082
Leather and Leather Products	456	525	601	730	859	859
Chemicals	639	745	863	1,064	1,268	1,268
Electrical & Electronics	1,677	1,995	2,362	3,013	3,695	3,695
Pharmaceuticals	2,582	3,029	3,537	4,422	5,331	5,331
Total	8,445	9,890	11,529	14,376	17,297	17,297

Cumulative employment generation (Aggressive) - figures in nos.

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	433	759	1,119	1,575	2,007	2,513
Agro-based industries	100	178	264	373	466	572
Leather and Leather Products	89	151	217	300	375	461
Chemicals	116	197	284	392	504	634
Electrical & Electronics	269	464	681	962	1,264	1,627
Pharmaceuticals	452	810	1,146	1,571	2,020	2,550
Total	1,460	2,559	3,712	5,174	6,636	8,357

Industry	2033	2034	2035	2036	2037	2038
Food & Beverages	3,084	3,610	4,197	5,067	5,067	5,067
Agro-based industries	692	800	921	1,097	1,097	1,097
Leather and Leather Products	557	643	738	875	875	875
Chemicals	780	912	1,059	1,274	1,274	1,274
Electrical & Electronics	2,047	2,445	2,902	3,596	3,596	3,596
Pharmaceuticals	3,153	3,712	4,344	5,288	5,288	5,288
Total	10,313	12,122	14,161	17,199	17,199	17,199

Cumulative no. of establishments (Conservative) - figures in nos.

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	7	11	15	22	28	35
Agro-based industries	1	1	1	2	2	3
Leather and Leather Products	1	1	1	2	2	3
Chemicals	0	1	1	2	2	2
Electrical & Electronics	1	1	2	2	3	4
Pharmaceuticals	2	4	5	7	9	11
Total	11	18	26	36	46	58

Industry	2033	2034	2035	2036	2037	2038 Onwards
Food & Beverages	43	50	58	73	101	109
Agro-based industries	4	4	5	6	8	9
Leather and Leather Products	3	4	4	5	7	8
Chemicals	3	4	4	5	7	8
Electrical & Electronics	5	6	7	10	14	15
Pharmaceuticals	14	16	19	24	33	36
Total	72	84	97	123	171	185

Cumulative no. of establishments (Base) - figures in nos.

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	8	14	20	28	35	44
Agro-based industries	1	1	2	3	3	4
Leather and Leather Products	1	1	2	2	3	3
Chemicals	1	1	1	2	3	3
Electrical & Electronics	1	2	2	3	4	5
Pharmaceuticals	3	4	6	9	11	14
Total	13	23	33	46	59	74

Industry	2033	2034	2035	2036	2037	2038 Onwards
Food & Beverages	55	64	74	92	109	109
Agro-based industries	5	5	6	8	9	9
Leather and Leather Products	4	5	6	7	8	8
Chemicals	4	5	5	6	8	8
Electrical & Electronics	7	8	9	12	15	15
Pharmaceuticals	17	20	24	30	36	36
Total	91	107	124	154	185	185

Cumulative no. of establishments (Aggressive) - figures in nos.

Industry	2027	2028	2029	2030	2031	2032
Food & Beverages	9	16	24	34	43	54
Agro-based industries	1	1	2	3	4	5
Leather and Leather Products	1	1	2	3	3	4
Chemicals	1	1	2	2	3	4
Electrical & Electronics	1	2	3	4	5	6
Pharmaceuticals	3	5	8	11	14	17
Total	16	28	41	57	72	91

Industry	2033	2034	2035	2036	2037	2038
Food & Beverages	67	78	91	110	110	110
Agro-based industries	6	7	8	9	9	9
Leather and Leather Products	5	6	7	8	8	8
Chemicals	5	6	6	8	8	8
Electrical & Electronics	8	10	11	14	14	14
Pharmaceuticals	21	25	29	36	36	36
Total	112	131	152	184	184	184

15.18. Annexure 18 – Logistics Cost Assessment

Attribute	Road transport logistics assessment						
	Dhaka	Chittagong Port	Mirsarai	Mongla port	Dhanu Kamalpur land port	Akhaura land port	Benapole land port
Distance (Km)	167	426	386	359	47	247	350
Fare for 14 ton cargo (BDT)	27,000	38,170	34,586	32,166	15,500	27,000	31,360
Fare for 2000 ton cargo (BDT)							
Fare (BDT/MT/Km)	11.55	6.40	6.40	6.40	23.56	7.81	6.40
Cost (BDT/MT)	1929	2726	2470	2298	1107	1929	2240
No. of times loading and unloading is required	1	1	1	1	1	1	1
Loading and unloading rate (BDT/MT)	120	120	120	120	120	120	120
Total loading unloading cost	120	120	120	120	120	120	120
Last mile distance	0	0	0	0	1	0	0
Total Logistics cost (BDT/MT)	2049	2846	2590	2418	1227	2049	2360

Note:

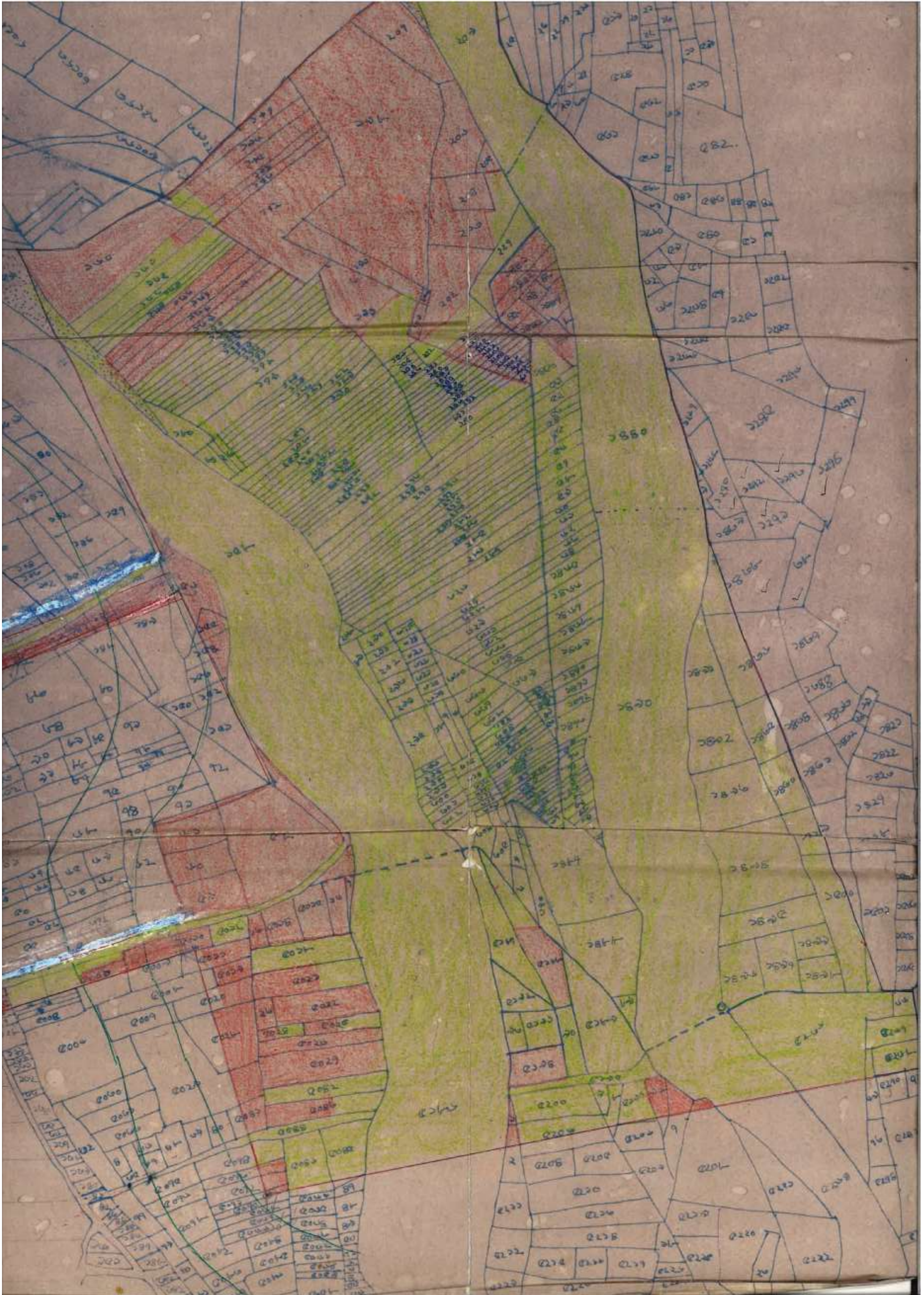
1. The logistics cost assessment is based on the rates as per market, which factors the trip time as well with the distance.

2. Loading and unloading cost is based on the loading and unloading rate for the bulk cargo

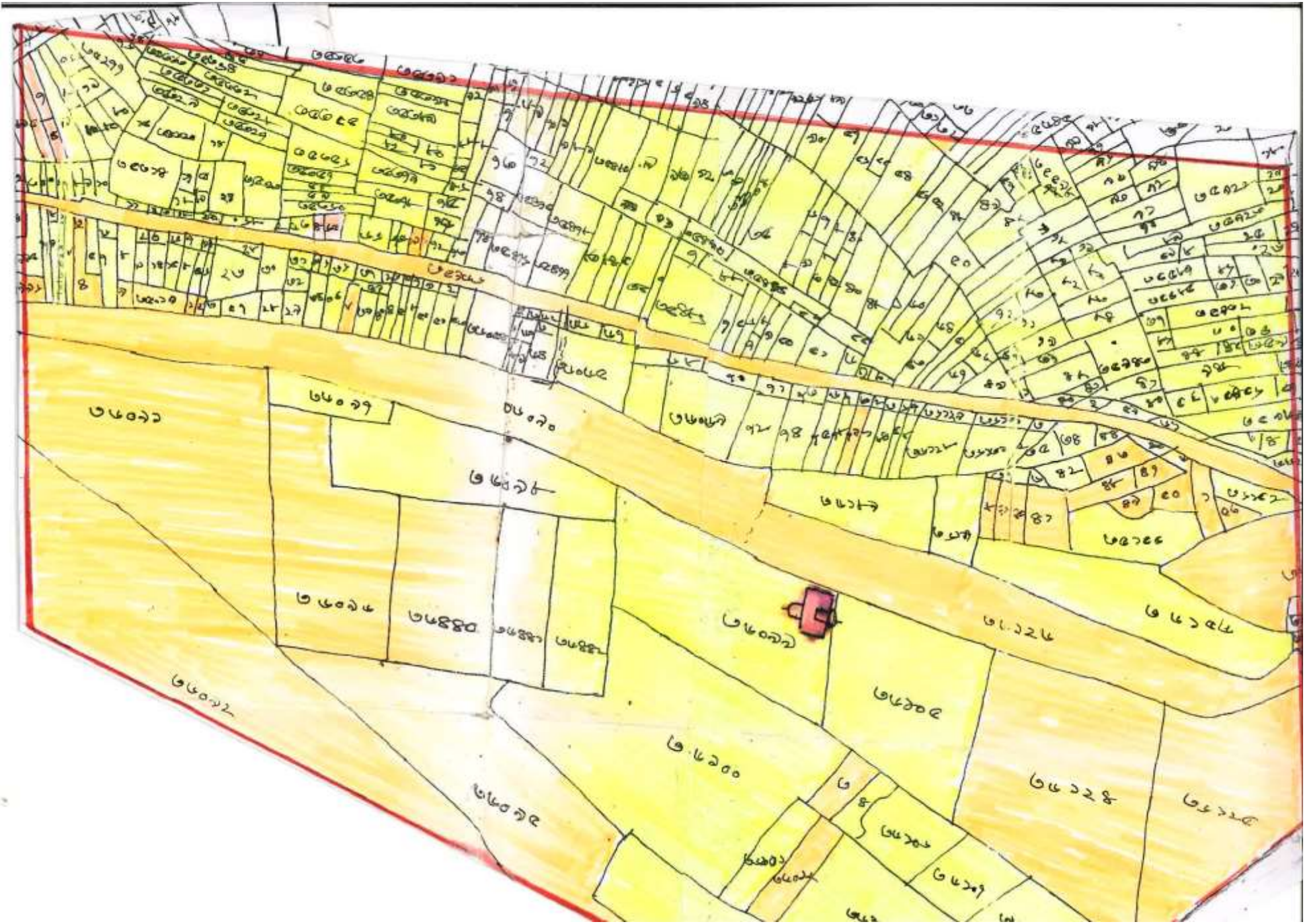
*Market rate may vary depending on the demand supply scenario

15.19. Annexure 19 – Project Boundary shown on Mouza Map

Jamalpur Part



Sherpur Part



15.20. Annexure 20 – Attendees of Public Consultation

Date of Meeting: 20-11-2020

Location of Meeting: Char Pakkhimari, Sherpur Sadar

S. No.	Name of Person	Location/Village	Contact Details
1	Abdur Rahim	Cahr Pakkhimari	01797458997
2	Suruj Ali	Cahr Pakkhimari	-
3	Abdul Miah	Cahr Pakkhimari	017755851994
4	Milon Miah	Cahr Pakkhimari	01773664001
5	Monohor Miah	Cahr Pakkhimari	01879879160
6	Ziaul Hoque	Cahr Pakkhimari	01629034889
7	Abdul Motaleb	Cahr Pakkhimari	-
8	Md Zihad	Cahr Pakkhimari	01741694042
9	Md Harez Ali	Cahr Pakkhimari	01628209316
10	Md Shahin Miah	Cahr Pakkhimari	01908902492
11	Md Noyan	Cahr Pakkhimari	1600272988
12	Md Masud Rana	Cahr Pakkhimari	01671739345-
13	Md Sarafat Ali	Cahr Pakkhimari	-
14	Md Nowshad Ali	Cahr Pakkhimari	-
15	Sanowar Hossain	Cahr Pakkhimari	0172332730
16	Ajmot Ali	Cahr Pakkhimari	-
17	Lal Miah	Cahr Pakkhimari	-
18	Morshed Ali	Cahr Pakkhimari	-
19	Md Nazir Ali	Cahr Pakkhimari	-

Stakeholders Consultation Meeting with Women's Group

Date of Meeting: 20-11-2020

Location of Meeting: Char Pakkhimari village

	Name of Person	Husband's/father's Name
1	Sahera Beagum	Late Sarafat Miah
2	Marium Beagum	Late Nazir Uddin
3	Halima Beagum	Md Aynal Miah
4	Morjina Beagum	Md Mojib Uddin
5	Aklima Khatun	Akter Hossain
6	Ms. Marium Beagum	Md Alfaz Uddin
7	Ashura Beagum	Habihur Rahman
8	Morsheda Beagum	Antaz Uddin
9	Anwara Beagum	Late Joyenuddin
10	Shila Beagum	Rafiqul Islam
11	Aklima khatun	Hobihor Rahman
12	Chan Bhanu	Kaynus Miah

15.21. Annexure 21 – Affected Household Structures

List of Affected Households – Jamalpur Sadar

Location of Meeting: Jotherthopur, Jamalpur Sadar, Jamalpur

Date of Field Visit: 19-11-2020

SL No	List of Households Owner	Fathers/Husbands name	Location
1	Lal Chand	Abdullah Miah	Jotherthopur
2	Shofiq Miah	Tojamon Hossain	Jotherthopur
3	Khorshed	Abdul Kashem	Jotherthopur
4	Honu Miah	Ahmed Gayen	Jotherthopur
5	Forkan	Riaz Uddin	Jotherthopur
6	Solim Master	Ismail Gayen	Jotherthopur
7	Genda Miah	Lokman Hossain	Jotherthopur
8	Shaheb Ali	Nayeb Ali	Jotherthopur
9	Masum	Saheb Ali	Jotherthopur
10	Shahidul Islam	Aynul Shekh	Jotherthopur
11	Abdul Majid	Aynul Shekh	Jotherthopur
12	Momin	Aynul Shekh	Jotherthopur
13	Monju	Aynul Shekh	Jotherthopur
14	Shahin	Amir Hamza	Jotherthopur
15	Nur Hossain	Abul Hossain	Jotherthopur
16	Yeaz Uddin Gayen	Ismail Gayen	Jotherthopur
17	Ena Miah	Shorof Gayen	Jotherthopur
18	Salman	Shorof Gayen	Jotherthopur
19	Nirol	Haider Gayen	Jotherthopur
20	Mintu	Haider Gayen	Jotherthopur
21	Montu	Haider Gayen	Jotherthopur
22	Posha Miah	Hazrat Gayen	Jotherthopur
23	Foju	Abdur Rahman Gayen	Jotherthopur
24	Faruk	Jabed Ali	Jotherthopur
25	Sumon	Suja Miah	Jotherthopur
26	Shakil Miah	Suja Miah	Jotherthopur
27	Anwar Hossain	Saheb Ali	Jotherthopur
28	Hanif Uddin	Mojibor	Jotherthopur
29	Mister Ali	Mojibor	Jotherthopur
30	Sujon	Gadu shekh	Jotherthopur
31	Shopan	Gadu Shekh	Jotherthopur
32	Alhaj	Nojib Uddin	Jotherthopur
33	Shoyon	Golapjal	Jotherthopur
34	Chunu Miah	Afsar Ali	Jotherthopur
35	Shahjahan	Lichutula	Jotherthopur
36	Anwar Hossain	Shahjahan	Jotherthopur
37	Kinal	Kalu shekh	Jotherthopur
38	Komor Uddin	Jewel shekh	Jotherthopur
39	Khoka	Khomir shekh	Jotherthopur
40	Razzak	Khoka	Jotherthopur
41	Robi	Khoka	Jotherthopur
42	Anjon	Khoka	Jotherthopur
43	Shamsul	Khaju Maih	Jotherthopur
44	Shamol	Yazuddin	Jotherthopur

SL No	List of Households Owner	Fathers/Husbands name	Location
45	Nilu	Shukur Ali	Jotherthopur
46	Rohom Ali	Shaha Miah	Jotherthopur
47	Ator Ali	Shaha Miah	Jotherthopur
48	Omar Ali	Shaha Miah	Jotherthopur
49	Jamshed Ali	Thandu Miah	Jotherthopur
50	Aminur	Thandu	Jotherthopur
51	Anwar	Thandu	Jotherthopur
52	Samad	Taju miah	Jotherthopur
53	Gafur	Taju Miah	Jotherthopur
54	Polash	Gafur	Jotherthopur
55	Israil	Josna	Jotherthopur
56	Rashel	Josna	Jotherthopur
57	Rojjul	Fajol	Jotherthopur
58	Bacchu Gayen	Hazarat Gayen	Jotherthopur
59	Manik	Jor Ali	Jotherthopur
60	Asad	Bajon Ali	Jotherthopur
61	Marfot	Shams	Jotherthopur
62	Ziaul	Nuru Shekh	Jotherthopur
63	Mofujul	Jalil Shekh	Jotherthopur
64	Monju	Jalil	Jotherthopur
65	Iman Ali	Idris	Jotherthopur
66	Israfil	Rashid	Jotherthopur
67	Lalu Miah	Nuru Shekh	Jotherthopur
68	Pagol	-	Jotherthopur
69	Hayder Gayen	Ismail Gayen	Jotherthopur
70	Sobu Gayen	Tepu Gayen	Jotherthopur
71	Iman Ali	Jasim Uddin	Jotherthopur
72	Shahidul	Idris Gayen	Jotherthopur
73	Shohel	Idris Gayen	Jotherthopur
74	Saiful	Idris Gayen	Jotherthopur
75	Sumon	Idris Gayen	Jotherthopur
76	Lutfor	Bached	Jotherthopur
77	Sobu	Samo	Jotherthopur
78	Mojibor	Khomir	Jotherthopur
79	Sonai	Tulu	Jotherthopur
80	Akram	Foju	Jotherthopur
81	Saddam	Kosha	Jotherthopur
82	Solaiman Ali	-	Jotherthopur

List of Affected Households – Sherpur Sadar

Location of Meeting: Char Pakkhimari, Sherpur Sadar, Sherpur

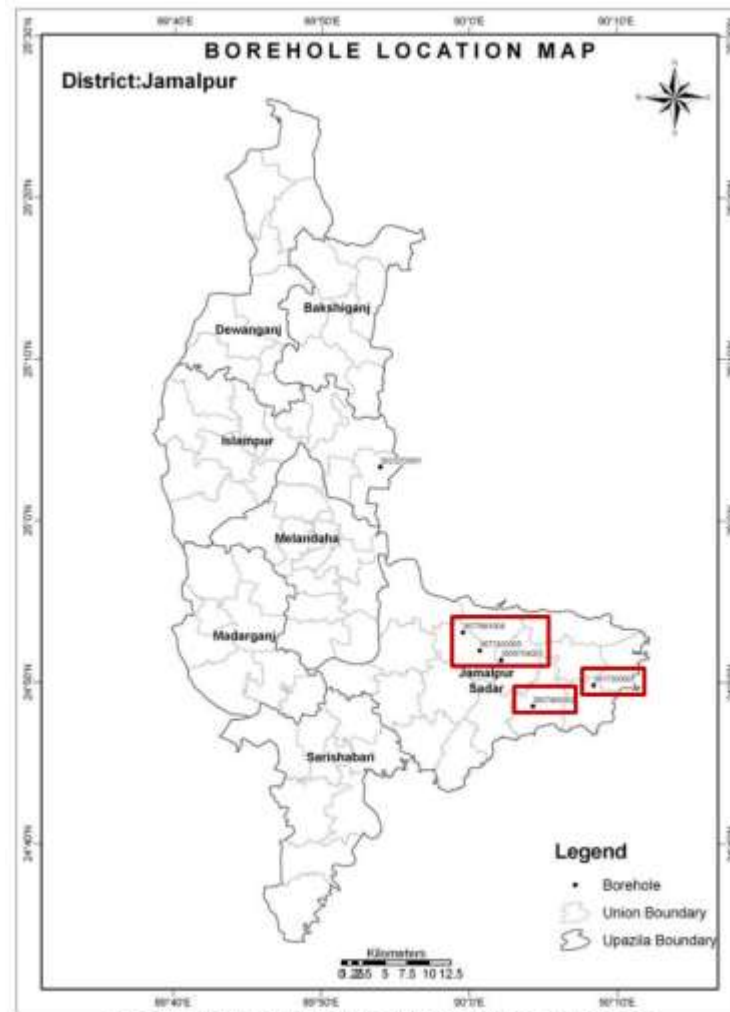
Date of Field Visit: 19-11-2020

SL No	List of Households Owner	Fathers/Husbands name	Location
1	Ijjot Ali	Late Ajmot Ali	Satpakia
2	Khoka Miah	Ijjot Ali	Satpakia
3	Komol Miah	Ijjot Ali	Satpakia
4	Altaf Ali	Ijjot Ali	Satpakia
5	Iron Miah	Ijjot Ali	Satpakia
6	Iraj Ali	Ijjot Ali	Satpakia
7	Ashan Miah	Ijjot Ali	Satpakia
8	Hona Molalh	Late Kolim Uddin Sarkar	Satpakia
9	Anwar Hossian	Hona Mollah	Satpakia
10	Mokshed Ali	Late Komor Ali	Satpakia

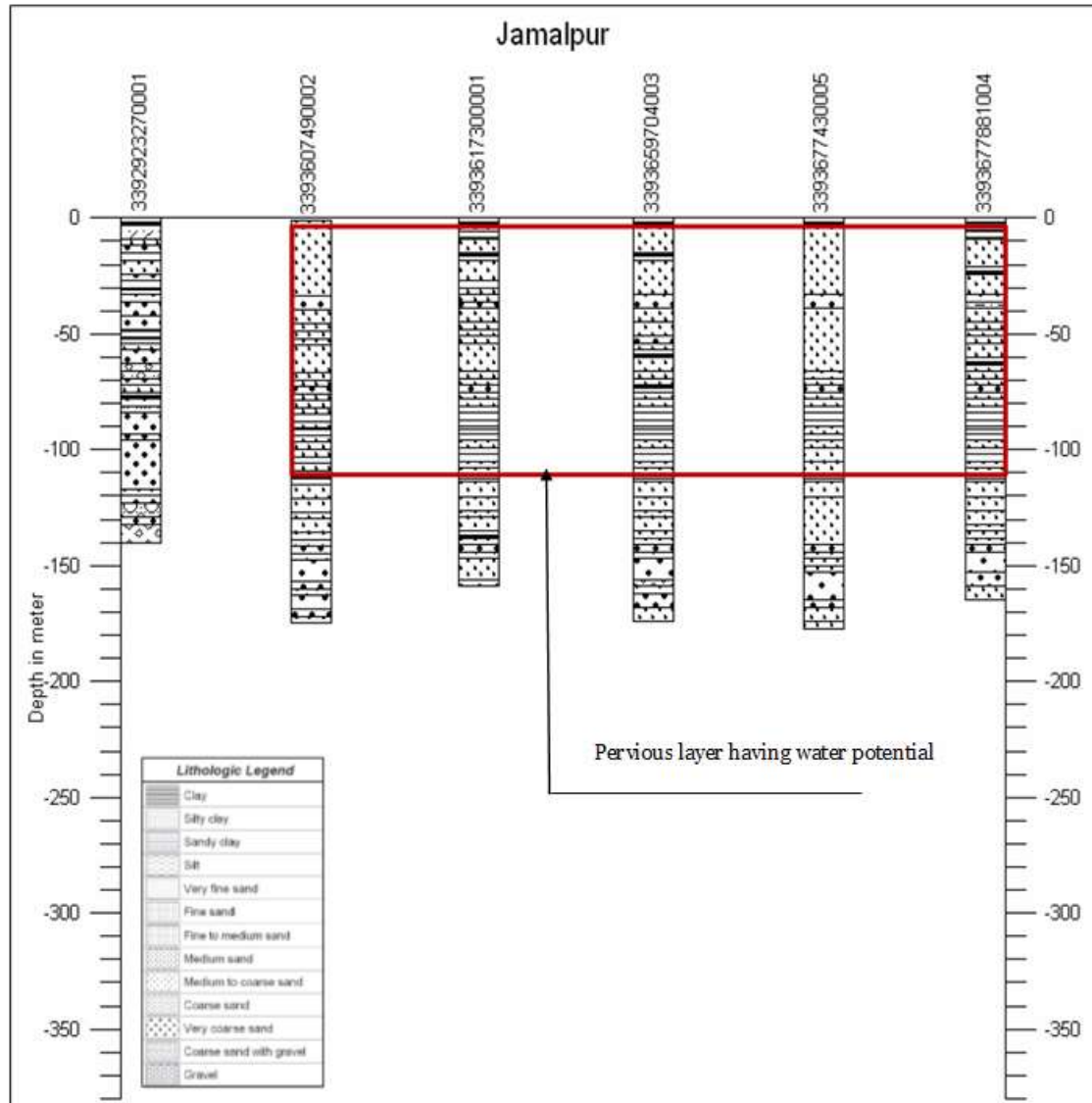
SL No	List of Households Owner	Fathers/Husbands name	Location
11	Ripon Miah	Late Komor Ali	Satpokia
12	Shopan Miah	Late Komor Ali	Satpokia
13	Abdus Salam	Late Shahetullah	Satpokia
14	Samidul	Abdus Salam	Satpokia
15	Osman Ali	Abdus Salam	Satpokia
16	Israfil Miah	Abdus Salam	Satpokia
17	Shohel Miah	Late Abdus Samad	Satpokia
18	Shohag	Late Abdus Samad	Satpokia
19	Komol Miah	Late Shohrab Ali	Satpokia
20	Hashem Ali	Late Shohrab Ali	Satpokia
21	Shamim Hossain	Abdul Halim	Satpokia
22	Shakil	Abdul Halim	Satpokia
23	Rashedul	Late Ijjat Ali	Satpokia
24	Johur Ali	Abu Hanif	Satpokia
25	Babul Miah	Jomtullah	Satpokia
26	Noshed Ali	Monir Uddin	Satpokia
27	Moyazzem Ali	Nowshed	Satpokia
28	Helal Uddin	Jomtullah	Satpokia
29	Johurl Islam	Abu Hanif	Satpokia
30	Fozu Miah	Jinnat Ali	Satpokia
31	Shahin Miah	Foju Miah	Satpokia
32	Faruk Miah	Fozu Miah	Satpokia
33	Saju Miah	Poncho Miah	Satpokia
34	Sawan Ali	Poncho Miah	Satpokia
35	Tara Miah	Late Sultan	Satpokia
36	Monor Uddin	Late Sultan	Satpokia
37	Mojibor Rahman	Late Sultan	Satpokia
38	Shommu	Hayatullah	Satpokia
39	Mostafa	Shommu	Satpokia
40	Azad Rahman	Jomir Uddin	Satpokia
41	Moynal	Jomir Uddin	Satpokia
42	Akkesh	Jaman uddin	Satpokia
43	Helal Uddin	Amor Uddin	Satpokia
44	Mahmud Ali	Basir Uddin	Satpokia
45	Mamun Miah	Md Ali	Satpokia
46	Alfaz Ali	Soimuddin	Satpokia
47	Minhaz	Alfaz Ali	Satpokia
48	Ujor Ali	Amor Ali	Satpokia
49	Azim Uddin	Kosher Uddin	Satpokia
50	Fokir Ali	Azim Uddin	Satpokia
51	Roni	Azim Uddin	Satpokia
52	Abdul khalek	Joru Uddin	Satpokia
53	Abdur Rashid	Abdul Khalek	Satpokia
54	Abdul Latif	Abdul Khalek	Satpokia
55	Akhter Hossain	Abdul Khalek	Satpokia
56	Jahan Ali	Amir uddin	Satpokia
57	A motin	Sakher ali	Satpokia
58	Altaf Ali	Jobed Ali	Satpokia
59	Lal chand	Altaf Ali	Satpokia
60	Liton Miah	Altaf Ali	Satpokia
61	Ripon Miah	Altaf Ali	Satpokia



15.22. Annexure 22 – Borewell information



Note: To make the map reader friendly first three digits of the borehole ID have been deducted and only the remaining 10 digit ID used in the map.



Bore Well Profile of Project Area – (89.8991 ,25.0570), (90.0715, 24.8103), (90.1404, 24.8319), (90.0359 ,24.8581) & (90.0117, 24.8678)

15.23. Annexure 23 – Onsite Infrastructure cost estimates

Table 150: Cost abstract for site development works – Site filling

Item. No	BPWD Item. Code	Description	Unit	Total Qty	Rate in Tk	Amount in Tk
1	2.16	Site development/improvement by carted earth or dredged sand, sandy silt (free from any organic, foreign, environmental hazardous substances) carried by head or truck or any other means in/c cost of cutting or by dredging of sand, sandy silt, all; in/c local carrying, placing the earth/sand, sandy silt in the designated area, maintaining slopes, breaking lumps, levelling and dressing in layers up to finished level etc. all complete as per direction and accepted by the engineer in charge.	Cum			
	02.16.2.2	By Dredging	Cum	4888521	449.00	2,194,945,978.79
		Total for Site Development in Tk				2,194,945,978.79
Total Cost in Million Taka						2,194.95

Table 151: Abstract for site development works – Embankment

Item. No	BPWD Item. Code/ Market rate	Description	Unit	Total Qty	Rate in Tk	Amount
1	2.1	Earth work in excavation in all kinds of soil for foundation trenches including, layout, providing center lines, local bench-mark pillars, leveling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer, subject to submit method statement of carrying out excavation work to the Engineer for approval. However, Engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract.				
	2.1.1	Layout and marking for earthwork in excavation in foundation accepted by the Engineer. [Plinth area of the structure shall be considered for measurement]				
		Formation for road embankment	Sqm			
			Sqm	207000.00	21.77	4,506,390.00
2	LGED - 2.02.2	EFW(AE): Earth filling work with specified soil in any type of embankment including cutting, carrying, filling by throwing earth in layers not more than 150mm in each layer in proper alignment, grade, camber and side slope in all types of soil except rocky, gravelly and slushy including benching not more than 30cm in vertical and 60cm in horizontal steps along the sides while widening any	Cum			

Item. No	BPWD Item. Code/ Market rate	Description	Unit	Total Qty	Rate in Tk	Amount
		embankment, etc. all complete as per the direction of E-I-C. Earth shall be arranged by the contractor at his own cost and it will include all necessary lead & lift. Payment will be made on the basis of compacted volume. Note: This item shall be used when the work will be done by contractor				
		Formation for road embankment	Cum			
		Embankment				
				378000.00	165	62,370,000.00
3	LGED - 2.03.2	Mechanical compaction of earthworks in 150mm thick compacted layers by breaking clods to a maximum size of 25mm using wooden drag or ladder and compacting using mechanical equipment, watering or drying to obtain optimum moisture content watering if necessary including the equipment and other tools required to work site, etc. all complete as per direction of the E-I-C. 98% compaction of the maximum dry density is to be obtained by the standard compaction test (Rate is for each layer of 150mm thick).				
		same as filling Qty	Cum	378000.00	77.25	29,200,500.00
4	31.31	Compaction test				
	31.31.1	Modified proctor	Per test	63.00	1800	113,400.00
5	2.1	Earth work excavation for Hard stones		126,000.00	257.50	32445000
6	2.10.1	Sand filling (For cement concrete block) in foundation trenches and plinth with sand		11,385.00	2860.11	32562352.35

Item. No	BPWD Item. Code/ Market rate	Description	Unit	Total Qty	Rate in Tk	Amount
		having F.M. 0.5 to 0.8 in 150mm layers including leveling, watering and compaction to achieve minimum dry density of 90% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only etc. all complete and accepted by the Engineer.				
7	2.11	50 mm downgraded picked jhama Khoa consolidation in foundation trenches by mixing the same with best quality local sand (F.M. 1.2) in (2:1) (khoa : sand) proportion to achieve minimum dry density of 90% with optimum moisture content (Modified proctor test) including breaking and screening chips, laying and spreading in 100mm layers uniformly etc. all complete and accepted by the Engineer.		11,385.00	5999.40	68303169
8	40-280-30	Supply of stone boulders at site: 30cm to 45cm size		51232.50	5649.80	289453378.5
9	3385	Labour charge in laying stone boulders		51232.50	257.5	13192368.75
10	2.8	Supply and laying 3 mm thick geo-textile of approved quality and origin /manufacturer as per manufacturer's instructions approved and accepted by the Engineer. Before commencing lying of geo-textile, the contractor must submit the method statement for carrying out this work including sample with evidence of origin and compliance certificate from independent testing laboratory for approval.		113850.00	146.06	16628931
11	40-140	Manufacturing and supplying C.C. blocks (Block size 50cmx50cmx40cm) in leanest		455400.00	1547.72	704831688

Item. No	BPWD Item. Code/ Market rate	Description	Unit	Total Qty	Rate in Tk	Amount
		mix. 1:3:6, with cement, sand (FM>=1.5) and Stone Chips (40mm downgraded), to attain a minimum 28 days cylinder strength 'of 25 Mpa including grading, washing stone chips, mixing, laying in forms; consolidation, curing for at least 21 days, including preparation of platform, shuttering and stacking in measurable stacks etc complete- including supply of all materials (steel shutter to be Used) as per direction of Engineer in charge.				
12	40-220	Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge.		51232.50	257.5	13192368.75
13	15.7	Flush pointing to CC blocks with cement sand (F.M. 1.2), mortar (1:2) with cement including raking out the joints, and necessary scaffolding curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer. (Cement: CEM-11/A-M). Ground floor.		113850.00	429.16	48859866
14	40-280-40	Supplying of local hard rock (Madhyapara) at site: 60cm and above size		63000.00	429.16	27037080
15	NTI	Manufacturing and supplying C.C. blocks in leanest mix. 1 :3:6, with cement, sand (FM>=1.5) and Stone Chips (40mm downgraded), to attain a minimum 28 days cylinder strength 'of 9.0 N/mm2 including grading, washing stone chips, mixing, laying		131250.00	2220.49	291439312.5

Item. No	BPWD Item. Code/ Market rate	Description	Unit	Total Qty	Rate in Tk	Amount
		in forms; consolidation, curing for at least 21 days, including preparation of platform, shutting and stacking in measurable stacks etc complete- including · supply of all materials (steel shutter to be Used) as per direction of Engineer in charge.				
		block size 100cmx80cmx60cm				
16		Labour charge for protective works in laying CC blocks of different sizes including preparation of base, watering and ramming of base etc. complete as per direction of Engineer in charge.	Cum	63000.00	257.9	16247700
		Total Cost in Tk				1,650,383,504.85
					Total Cost in Million Taka	1,650.38

Table 152: Cost abstract for internal road network

Description	Unit	Quantity	Rate in Taka as per SoR	Amount	Amount in Million Taka
[RHD-2/1/01] Clearing & grubbing	Sqm	249914	55.00	13,745,270.00	13.75
Earth work excavation / by mechanical means (Hydraulic Excavator)/ manual means in trenches and over areas for foundations of columns, walls, rafts, beams, steps etc., in all types of soil except hard rock requiring chiseling, blasting but including Existing building foundation dismantling, shoring, strutting, de-watering, refilling in foundations, plinth etc., wherever necessary in layers not exceeding 15cm with approved excavated soil, including watering and compaction etc., Surplus / rejected excavated material shall be disposed off to the contractor's own dump yard outside the work site or as per the requirements of local authorities or as directed by the Engineer-in-charge. - All kinds of soil	Cum	140517	144.00	20,234,383.50	20.23
[RHD-2/7/02] Preparation of Subgrade	Sqm	249914	40.00	9,996,560.00	10.00
[RHD-2/8/01] Improved Subgrade (Sand F.M >0.80)	Cum	33616	1099.00	36,944,423.60	36.94
Supplying and filling in basement with good quality earth and compacting in layers including all materials and labours as required for satisfactory completion of work and as directed.	Cum	1289.79	397.00	512,046.60	0.51
Construction of granular sub-base by providing close graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density (Aggregate type 2 as per Bangladesh SoR)	Cum	40340	5363.00	216,341,703.80	216.34

Description	Unit	Quantity	Rate in Taka as per SoR	Amount	Amount in Million Taka
Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. (Aggregate type base II as per Bangladesh SoR)	Cum	40340	7384.00	297,868,197.10	297.87
Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. (Aggregate type base I as per Bangladesh SoR)	Cum	73956	8461.00	625,742,392.90	625.74
Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base of low porosity such as WBM and WMM including including clearing of road surface and spraying primer at the rate of 1.05 kg/sqm using mechanical means. (Bitumen Emulsion = 1.05 kglsgmt.)	Sqm	134466	113.00	15,194,612.80	15.19
Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.4 kg per sqm on the prepared on granular surface cleaned with mechanical broom such as WBM and WMM surfaces treated with primer and dry and bituminous surface	Sqm	268931	50.00	13,446,560.00	13.45

Description	Unit	Quantity	Rate in Taka as per SoR	Amount	Amount in Million Taka
Providing and laying dense graded bituminous macadam 155 mm thick with 40-60 TPH HMP using crushed aggregates of specified grading, premixed with bituminous binder @ 4.25 percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction	Cum	20842	22133.00	461,299,704.30	461.30
Providing and laying bituminous concrete 40mm thick with 40-60 TPH hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder @ 5.00 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level, and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction & specification clause No.509 complete in all respects (Bitumen = 0.109 Metal = 1.36, Cement 0.0469)	Cum	5379	23295.00	125,295,046.10	125.30
Providing and fixing Pre cast solid concrete kerb stones made out of CC 1 :1.5:3 of size 450 x 200 x 400 mm and finished with CM 1 :3 plastering and finishing cutting etc., complete.	Rm	25204	317.33	7,998,069.30	8.00
Total Cost in Million Taka					1844.62

Table 153: Cost abstract for foot path

Sl. No	PWD SOR/2018	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
1	2.1.5	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in very soft / saturated / organic clayey soil / soil of semi-liquid state.	Cum	2639	217.00	572,554.50	0.57
2	2.15.4	Earth filling in foundation trenches and plinth in 150 mm layers with carted earth carried by truck or by any other means including loading and unloading at both ends, leveling, watering and compacting to achieve minimum dry density of 95% with optimum moisture content (modified proctor test) including local carriage each layer up to finished level including cost of water and test (carried from beyond 300 m) etc. all complete and accepted by the Engineer-in-charge	Cum	2638.50	393.00	1,036,930.50	1.04
3	3.4.1	Mass concrete (1:3:6) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) Mass concrete in foundation (1:3:6) with cement, brick chips and sand of F.M. 1.2	Cum	1590	6647.00	10,570,375.13	10.57
4	7.3.1	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having minimum $f'_{cr} = 30$ MPa, satisfying a specified compressive strength $f'_{c} = 25$ MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150	Cum	9909	12154.00	120,431,859.05	120.43

Sl. No	PWD SOR/2018	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
		Type – I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer machine with hopper, fed by standard measuring boxes or mixing in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and cylinders as required, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Individual & combined footing, pile cap, raft/mat, floor slab and foundation beam up to plinth level					
5	8.1.2	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, f_y (ReH)= 400 MPa but f_y not exceeding 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength f_u to yield strength f_y , shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively : up to ground floor.	Kg	1162611	82.00	95,334,102.00	95.33
6	30.28	Supplying, carrying, placing, providing of concrete Kerb stone size 600 mm x 300 mm x 100 mm approved and accepted by the Engineer-in-charge.	Rm	17590	238.00	4,186,420.00	4.19
7	30.15.2	Supplying and placing of approx. 60 mm thick coloured uni-block for paving walk way having compressive strength of 15 N/mm ² on compacted sand bed of 50 mm on stabilized soil base, and filling all interstices with sand, cleaning etc. accepted by the Engineer-in-charge.	Sqm	17590	1276.00	22,444,840.00	22.44
Total Cost in Million Taka							254.58

Table 154: Cost abstract for storm water drain

Sl. No	PWD /SOR 2018	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
1	2.1.5	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in very soft / saturated / organic clayey soil / soil of semi-liquid state.	Cum	14498.11	217.00	3146088.96	3.15
2	3.4.1	Mass concrete (1:3:6) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) Mass concrete in foundation (1:3:6) with cement, brick chips and sand of F.M. 1.2	Cum	4724.96	6647.00	31406841.47	31.41
3	7.2.1	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:2:4 having minimum $f_{cr} = 27$ MPa, satisfying a specified compressive strength $f_c = 22$ MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33, making and placing shutter in position maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper fed by standard measuring boxes or mixing in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and cylinders as required, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement	Cum	231.79	11817.00	2739064.50	2.74

Sl. No	PWD /SOR 2018	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
		and its fabrication, placing, binding etc. and the cost of shuttering & centering) Individual & combined footing, pile cap, raft/mat, floor slab and foundation beam up to plinth level					
4	8.1.2	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively : up to ground floor.	Kg	4559.63	82.00	373889.25	0.37
5	4.1	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:6) in foundation and plinth, filling the joints/interstices fully with mortar, racking out the joints, cleaning and soaking the bricks at least for 24 hours before use and curing at least for 7 days etc. all complete including cost of water, electricity and other charges and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M)	Cum	5819.22	6040.00	35148087.42	35.15
6	7.2.1	Providing and laying coping and Screed concrete with 1 :2:4 cement concrete, 40 mm thick Sqm 150.09 using broken granite metal of 20mm and down size laid to line and level in one layer and finish with a floating coat of neat cement, including cost of materials, labour, curing, complete as per specifications.	Sqm	10153.00	296.00	3005288.00	3.01
7	15.1	Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to both inner-and outer surface of wall, finishing the corner and edges including washing of sand, cleaning the surface, curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) ground floor.	Sqm	37821.99	243.00	9190744.57	9.19
8	937	Providing Weep holes using 75mm dia PVC pipes for abutments, wing walls, return walls and drain as per drawings and specification including cost of material, labour, complete as per specifications.	Nos	2032.00	133.00	270256.00	0.27

Sl. No	PWD /SOR 2018	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
9		Providing and laying non pressure NP 2 class (light duty) RCC pipes with collars jointed with stiff mixture of the cement mortor.. etc					
	1151	300mm dia RCC pipe	Rm	100.00	1895.00	189500.00	0.19
	MR	500mm dia RCC pipe	Rm	44.00	2954.00	129976.00	0.13
10	Annexure A 15. (iii)	Providing apron with 50 mm thick cement concrete (1:2:4) with cement, coarse sand and picked jhama chips including breaking chips and one layer brick flat soling at bottom with first class or picked jhama bricks including cutting earth for preparation of bed and filling the interstices with local sand (F.M. 0.8) including finishing, dressing, curing at least for 7 days etc. all complete, including cost of water, electricity, other charges accepted by the Engineer in charge.(Cement: CEM-II/A-M)	Sqm	2618.21	918.00	2403512.68	2.40
Total Cost in Million Taka							88.00

Table 155: Cost abstract for electrical infrastructure related work

Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate (BDT)	Total Amount (BDT)	Total Amount in Million BDT
REB	Internal 11 kV line	Supply, installation/construction and testing & commissioning work of double circuit 33 kV line.	km	12.3	1400000.00	17220000.00	17.22
BPDB	33 kV & 132 kV Line construction	Supply, installation/construction and testing & commissioning work of double circuit 33 kV line.	km	3.0	4000000.00	11,840,000.00	11.84
BanglCAT	Generator	Supply and installation of a 2 MVA Generator with all accessories. -Integration with existing substation	numbers	2	45,000,000.00	90,000,000.00	90
PBS-Mirsharai	33/11kV Sub-station	Supply, installation and testing & commissioning work of a complete 33/11 kV substation. Including construction of control room for 33/11 kV voltage level.	numbers	1	150,000,000.00	150,000,000.00	150
PGCB	132/33/11kV Sub-station	Supply, installation and testing & commissioning work of a complete 132/33 kV substation. excluding control room. And integration work with 132/33/11 kV substation.	numbers	1	500,000,000.00	500,000,000.00	500

Table 156: Cost abstract for street light network

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bx c
1		Cable work (through PVC pipe)	Underground wiring: Providing & laying of the following XLPE insulated & PVC sheathed cable (N2XY) with PVC insulated green/white coloured ECC wire (BYA) connecting at both ends, through PVC pipe & accessories in the following manner: All electrical contacts shall be of brass/copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to relevant IEC/BDS/ BS/ VDE standards and as per detailed specification mentioned in Annexure-A. The work shall be carried out as per direction/approval/acceptance of the Engineer. <i>With cable manufactured by M/S BRB/Paradise/Poly/Citizen/BBS/Super sign cables Ltd.</i>				
			i) In kutchra ground by cutting 45.70 cm width x 91.40 cm depth trench with necessary brick or tile protection and mending the damages good by refilling trench with proper compaction.				
			ii) In pucca floor through PVC pipe by cutting trench of necessary size and mending the damages good by brick soling, 75 mm (1:2:4) CC work with neat cement finishing etc.				
			1C-2 x 16 sq.mm (N2XY) with 35 sq.mm (BYA) ECC wire through PVC pipe of minimum inner dia 40 mm having wall thickness of 1.9 mm.				
			In kutchra ground	meter	12750.00	480.00	6120000.00

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bx c
			In pucca floor	meter	5400.00	520.00	2808000.00
2		Concealed wiring (BYM)	1C-4 x 25 sq.mm (N2XY) with 35 sq.mm (BYA) ECC wire through PVC pipe of minimum inner dia 50 mm having wall thickness of 2.59 mm. The work shall be carried out as per direction & approval of the Engineer.				
			In katcha ground	meter	6,780.00	760.00	5,152,800.00
			In pucca floor	meter	1,350.00	800.00	1,080,000.00
3		STREET LIGHT FITTINGS (LED)	Supply & fixing of LED street light fitting of the following features and model with all necessary elements such as driver, chips etc. complete. Model & sample shall be approved by the Engineer.				
			(i) GLORIA cat No- GLST. 1205 or equivalent product of ENERGY +, SUNKO, etc. (ii) Rated life : 50,000 hr (minimum) (iii) Luminux flux : 100 + 1m/w (iv) LED chips: EDISON/EPISTOR/OSRAM/PHILIPS/CR EE/BRIDGELUX. (v) Driver: MEANWELL / OSRAM / PHILIPS / IEC standard. (vi) Body: Tempered glass pure Aluminium.				
	6.A.8.(iii).(a).1		100 W	each	1,610.00	9,358.00	15,066,380.00
	6.A.8.(iii).(a).2		150 W	each	-	11,773.00	
4		GI POLE	Providing following seamless hot dip galvanized GI pole fabricated with GI pipe complete with GI sockets, MS. base plate, top cover, necessary welding as required:- The length of the bracket shall be such that the end of light fixture will be 1.5meter (approx.) from the light column. A junction				

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bx c
			box to be installed at bottom level of the pole fabricated from 2.0mm (min.) mild steel sheet and hot deep galvanized complete with cover including termination unit, circuit breaker and earthing terminal etc. The work shall be completed as per drawing and direction of the Engineer.				
	3.2.3		Total length-30'(9m),Bottom-150mm,Top-100mm, Thikness-4.0mm, Base plate-300mmx300mm with 12mm th.	each	925	24149	22337825
	3.2.4		Total length-25'(8m),Bottom-150mm,Top-100mm, Thikness-4.0mm, Base plate-300mmx300mm with 12mm th.	each	0	19319	0
5	10.1(Civil)	Anchor Bolt	Supply and fixing of galvanized anchor bolts of variable dia for rigid frame conforming to ASTM F1554 Grade 55, Galvanized to A153, Class C or equivalent with minimum yield strength of 380 MPa, as per manual of steel construction by American Institute of Steel Construction (AISC) etc. including the cost of washer & bolts, material testing etc. all complete as per drawing, specification and direction of the Engineer-in-charge. Length-400mm,Dia -20mm,Bend length-100mm ,Thred length-75mm with Nut ,Washer.	kg	5155	180	927900
6		FORMWORK (Wooden)	Centering and shuttering, including strutting, propping etc. and removal of form after hardening of the concrete for:				
	07.15.3(Civil)		Padestals, column, wall	sqm	2,964.38	429.00	1,271,716.88
7	08.1.2(Civil)	Re-Bar work	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield	kg	14920.00	82.00	1223440

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bx c
			strength, fy (ReH)= 400 MPa but fy not exceeding 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively : up to ground floor.				
8	02.1.5 (Civil)	Earth work	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in very soft / saturated / organic clayey soil / soil of semi-liquid state.	Cum	2241.88	217.00	486486.875
9	2.13 (Civil)	Back filling	Earth filling in foundation trenches and plinth in 150 mm layer with earth available within 90 m of the building site to achieve	Cum	1530.00	149.00	227970

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bxc
			minimum dry density of 95% with optimum moisture content (Modified proctor test) including carrying, watering, levelling, dressing and compacting to a specified percentage each layer up to finished level etc. all complete and accepted by Engineer-in-charge.				
10	03.4.1 (Civil)	C.C. Work	Mass concrete (1:3:6) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by the Engineer-in-charge.(Cement: CEM-II/A-M) Mass concrete in foundation (1:3:6) with cement, brick chips and sand of F.M. 1.2	Cum	70.13	6,647.00	466120.875
11	07.3.1(Civil)	RCC work	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having minimum $f_{cr} = 30$ MPa, satisfying a specified compressive strength $f_c = 25$ MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type – I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer machine with				

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bxc
			hopper, fed by standard measuring boxes or mixing in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and concrete cylinders as required, cost of all materials and other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering)				
			Individual & combined footing, pile cap, raft/mat, floor slab and foundation beam up to plinth level	cum	500.00	12154.00	6077000.00
12	PWD-EM - ANALYSIS-38	GI Pipe for light bracket	G.I pipe 50mm dia	meter	0.00	410.00	0.00
13		MCB Box	Supplying and fixing of almirah type 18 SWG metal board of depth 228mm (6") duly painted with powder coating with epoxy polyester resin on all surfaces of board (gray / off-white) having built in push type / suitable locking arrangement including metal bridges of suitable size for fixing of all electrical control devices complete with suitable anchoring arrangement in wall / column and keeping provision for cable inlets and exits as required (only front surface of the board will be considered for measurement). (Manufactured by RECO / NASCO / C&S or equivalent product of any other manufacturer)				
	4.9.2		With water tight arrangement.	sqm	5.3200	16240.00	86396.80

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bx c
		DB	Supply & installation of outdoor type distribution board made of epoxy powder coated 14 SWG sheet steel with hinge type double doors having built in flash type locking arrangement, complete with copper bus bars (phases & nentral), copper earthing bars and indicating lamps in conformity to the distribution boards ratings as detailed below. The box shall be double door type i.e. one cover door inside through which knobs of MCB/MCCB's are accessible and no live part shall be accessible to an operator. The rate shall include supply & installation of MCB/MCCB, magnetic contractor (Siemens/Dorman Smith/Schneider/Eaton), photo cell, timer etc. The work shall be complete in all respect as per specifications, drawing and direction of the Engineer-in-Charge. Sufficient gap must be maintained between bus bars and back side of the box. The item also includes the fixing of the cable lugs for distribution cables as per drawing and direction of the Engineer-in-Charge.				
			Box size : 650mm x 750mm x 150mm, Busbar: 120A SPN & E; Incoming: 63A SP/DP MCB;63A SP/DP Magnetic Contractor; Photo Cell & Timmer; Outgoing: up to 5x 36 A TP MCB (minimum 6 KA)	set	45.00	50000.00	2250000.00

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bxc
		Auto Controller	Supplying and fixing of almirah type 18 SWG metal board of depth 228mm (6") duly painted with powder coating with epoxy polyester resin on all surfaces of board (gray / off-white) having built in push type / suitable locking arrangement including metal bridges of suitable size for fixing of all electrical control devices complete with suitable anchoring arrangement in wall / column and keeping provision for cable inlets and exits as required. Magnetic contractor -38A (Ith 60A) magnetic contractor -1nos, Thermal over load Relay-24- 36A ,Photo cell -2 nos, TPMCB-50A-1 Nos, Internal wiring, Phase indicator, all complete, approved and accepted by the Engineer-in-charge. MCB-2499, MC-12225, OLR-2777, Box 1 sqm-16240.	each	2.00	50,000.00	
16		Earthing	Earthing the electrical installation with 40 mm (1.5") dia G.I. pipe (earth electrode) having 6.35 mm. dia hole across the pipe at 305 mm. interval securely bonded by soldering with 2 nos. of No-2 SWG HDBC earth leads (at the top of the electrode) with its protection by 20 mm. (3/4") dia G.I. pipe up-to plinth level run at a depth of 609.6 mm (2 ft.) below G.L up-to main board to be earthed including necessary connecting copper sockets, bolts, nuts, etc. complete for maintaining earth resistance within 1 ohm. [Fig : 4.17]				
	4.17 (vi)		Depth of bottom of main electrode at 37338 mm. (122.5 ft) from GL & length of electrode 36576 mm. (120 ft).	per set	10.00	42,261.00	422,610.00

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bxc
		Connecting wire	Providing and drawing No.2 SWG HDDB wire through 20mm (3/4") dia G.I. pipe including fitting, fixing the G.I. pipe in wall or column complete as required.	meter	100.00	614.00	61,400.00
17	4.18	Earth Pit	Construction of earthing inspection pit inside measurement 600 mm x 600 mm with 250 mm thick brick in cement mortar (1:4) with 100mm thick RCC top slab (1:2:4) with 1% re-enforcement 450 mm dia water sealed CI man-hole cover with locking arrangement including necessary earth works, site filling and one brick flat soling 75 mm thick (1:3:6) base concrete for making inlet channel & 12mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of .75 meter.	each	10.00	6,037.00	60,370.00
				for	18.761	km	66,126,416.43
				for	1.00	km	3,524,674.40
			proportionately for	for	11.0	km	38,908,880.71
Total Cost in Million Taka							38.91

Table 157: Cost abstract for security light network

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bx*c
1		Cable work (through PVC pipe)	Underground wiring: Providing & laying of the following XLPE insulated & PVC sheathed cable (N2XY) with PVC insulated green/white coloured ECC wire (BYA) connecting at both ends, through PVC pipe & accessories in the following manner: All electrical contacts shall be of brass/copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to relevant IEC/BDS/ BS/ VDE standards and as per detailed specification mentioned in Annexure-A. The work shall be carried out as per direction/approval/acceptance of the Engineer. <i>With cable manufactured by M/S BRB/Paradise/Poly/Citizen/BBS/Super sign cables Ltd.</i>				
			i) In kutchra ground by cutting 45.70 cm width x 91.40 cm depth trench with necessary brick or tile protection and mending the damages good by refilling trench with proper compaction.				
			ii) In pucca floor through PVC pipe by cutting trench of necessary size and mending the damages good by brick soling, 75 mm (1:2:4) CC work with neat cement finishing etc.				
			1C-2 x 16 sq.mm (N2XY) with 35 sq.mm (BYA) ECC wire through PVC pipe of minimum inner dia 40 mm having wall thickness of 1.9 mm.				
			In kutchra ground	meter	8000.00	1205.00	9640000.00
			In pucca floor	meter	500.00	1294.00	647000.00

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bx c
2		Concealed wiring (BYM)	1C-4 x 25 sq.mm (N2XY) with 35 sq.mm (BYA) ECC wire through PVC pipe of minimum inner dia 50 mm having wall thickness of 2.59 mm. The work shall be carried out as per direction & approval of the Engineer.				
			In katcha ground	meter	2,500.00	1,844.00	4,610,000.00
			In pucca floor	meter	200.00	1,927.00	385,400.00
3		SECURITY LIGHT FITTINGS (LED)	Supply & fixing of LED street light fitting of the following features and model with all necessary elements such as driver, chips etc. complete. Model & sample shall be approved by the Engineer.				
			(i) GLORIAcatNo-GLST.1205 or equivalent product of ENERGY +, SUNKO, etc. (ii) Rated life : 50,000 hr (minimum) (iii) Luminux flux : 100 + 1m/w (iv) LED chips: EDISON/EPISTOR/OSRAM/PHILIPS/CREE/ BRIDGELUX. (v) Driver: MEANWELL/OSRAM/PHILIPS/IEC standard. (vi) Body: Tempered glass pure Aluminium.				
	6.A.8.(iii).(a).1		100 W	each	250.00	9,358.00	2,339,500.00
	6.A.8.(iii).(a).2		150 W	each	-	11,773.00	
4		GI POLE	Providing following seamless hot dip galvanized GI pole fabricated with GI pipe complete with GI sockets, MS. base plate, top cover, necessary welding as required:-The length of the bracket shall be such that the end of light fixture will be 1.5meter (approx.) from the light column. A junction box to be installed at bottom level of the pole fabricated from 2.0mm (min.) mild steel sheet and hot deep galvanized				

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bxc
			complete with cover including termination unit, circuit breaker and earthing terminal etc. The work shall be completed as per drawing and direction of the Engineer.				
	3.2.3		Total length-30'(9m),Bottom-150mm,Top-100mm, Thikness-4.0mm, Base plate-300mmx300mm with 12mm th.	each	125	24149	3018625
	3.2.4		Total length-25'(8m),Bottom-150mm,Top-100mm, Thikness-4.0mm, Base plate-300mmx300mm with 12mm th.	each	0	19319	0
5	10.1(Civil)	Anchor Bolt	Supply and fixing of galvanized anchor bolts of variable dia for rigid frame conforming to ASTM F1554 Grade 55, Galvanized to A153, Class C or equivalent with minimum yield strength of 380 MPa, as per manual of steel construction by American Institute of Steel Construction (AISC) etc. including the cost of washer & bolts, material testing etc. all complete as per drawing, specification and direction of the Engineer-in-charge. Length-400mm, Dia -20mm,Bend length-100mm,Thred length-75mm with Nut,Washer.	kg	582	180	104760
6		FORMWORK (Wooden)	Centering and shuttering, including strutting, propping etc. and removal of form after hardening of the concrete for:				
	07.15.3(Civil)		Padestals, column, wall	sqm	334.80	429.00	143,629.20
7	08.1.2(Civil)	Re-Bar work	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI	kg	8424.00	82.00	690768

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bxc
			318, the ratio of ultimate tensile strength f_u to yield strength f_y , shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively : up to ground floor.				
8	02.1.5 (Civil)	Earth work	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in very soft / saturated / organic clayey soil / soil of semi-liquid state.	Cum	253.20	217.00	54944.4
9	2.13 (Civil)	Back filling	Earth filling in foundation trenches and plinth in 150 mm layer with earth available within 90 m of the building site to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) including carrying, watering, levelling, dressing and compacting to a specified percentage each layer up to finished level etc. all complete and accepted by Engineer-in-charge.	Cum	172.80	149.00	25747.2

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bx c
10	03.4.1 (Civil)	C.C. Work	Mass concrete (1:3:6) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by the Engineer-in-charge.(Cement: CEM-II/A-M) Mass concrete in foundation (1:3:6) with cement, brick chips and sand of F.M. 1.2	Cum	7.92	6,647.00	52644.24
11	07.3.1(Civil)	RCC work	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having minimum fcr = 30 MPa, satisfying a specified compressive strength fc = 25 MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type – I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer machine with hopper, fed by standard measuring boxes or mixing in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and concrete cylinders as required, cost of all materials and other charges etc. all complete,				

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bxc
			approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering)				
			Individual & combined footing, pile cap, raft/mat, floor slab and foundation beam up to plinth level	cum	62.50	12154.00	759625.00
12	PWD-EM - ANALYSIS-38	GI Pipe for light bracket	G.I pipe 50mm dia	meter	720.00	410.00	295200.00
13		MCB Box	Supplying and fixing of almirah type 18 SWG metal board of depth 228mm (6") duly painted with powder coating with epoxy polyester resin on all surfaces of board (gray / off-white) having built in push type / suitable locking arrangement including metal bridges of suitable size for fixing of all electrical control devices complete with suitable anchoring arrangement in wall / column and keeping provision for cable inlets and exits as required (only front surface of the board will be considered for measurement). (Manufactured by RECO / NASCO / C&S or equivalent product of any other manufacturer)				
	4.9.2		With watertight arrangement.	sqm	5.3200	16240.00	86,396.80
		DB	Supply & installation of outdoor type distribution board made of epoxy powder coated 14 SWG sheet steel with hinge type double doors having built in flash type locking arrangement, complete with copper bus bars (phases & nentral), copper earthing bars and indicating lamps in conformity to the distribution boards ratings as detailed below. The box shall be double door type i.e. one cover door				

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bxc
			inside through which knobs of MCB/MCCB's are accessible and no live part shall be accessible to an operator. The rate shall include supply & installation of MCB/MCCB, magnetic contractor (Siemens/Dorman Smith/Schneider/Eaton), photo cell, timer etc. The work shall be complete in all respect as per specifications, drawing and direction of the Engineer-in-Charge. Sufficient gap must be maintained between bus bars and back side of the box. The item also includes the fixing of the cable lugs for distribution cables as per drawing and direction of the Engineer-in-Charge.				
			Box size : 650mm x 750mm x 150mm, Busbar: 120A SPN & E;Incoming: 63A SP/DP MCB;63A SP/DP Magnetic Contractor;Photo Cell & Timmer; Outgoing: up to 5x 36 A TP MCB (minimum 6 KA)	set	4.00	50000.00	200000.00
		Auto Controller	Supplying and fixing of almirah type 18 SWG metal board of depth 228mm (6") duly painted with powder coating with epoxy polyester resin on all surfaces of board (gray / off-white) having built in push type / suitable locking arrangement including metal bridges of suitable size for fixing of all electrical control devices complete with suitable anchoring arrangement in wall / column and keeping provision for cable inlets and exits as required. Magnetic contractor -38A (Ith 60A) magnetic contractor -1nos,Tharmal over load Relay-24- 36A ,Photo cell -2 nos, TPMCB-50A-1 Nos, Internal wiring, Phase indicator, all complete, approved and accepted by the Engineer-in-charge.	each	2.00	50,000.00	100,000.00

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bxc
			MCB-2499, MC-12225, OLR-2777, Box 1 sqm-16240.				
16		Earthing	Earthing the electrical installation with 40 mm (1.5") dia G.I. pipe (earth electrode) having 6.35 mm. dia hole across the pipe at 305 mm. interval securely bonded by soldering with 2 nos. of No-2 SWG HDDB earth leads (at the top of the electrode) with its protection by 20 mm. (3/4") dia G.I. pipe up-to plinth level run at a depth of 609.6 mm (2 ft.) below G.L up-to main board to be earthed including necessary connecting copper sockets, bolts, nuts, etc. complete for maintaining earth resistance within 1 ohm.				
	4.17 (vi)		Depth of bottom of main electrode at 37338 mm. (122.5 ft) from GL & length of electrode 36576 mm. (120 ft).	per set	4.00	42,261.00	169,044.00
		Connecting wire	Providing and drawing No.2 SWG HDDB wire through 20mm (3/4") dia G.I. pipe including fitting, fixing the G.I. pipe in wall or column complete as required.	meter	15.00	614.00	9,210.00
17	4.18	Earth Pit	Construction of earthing inspection pit inside measurement 600 mm x 600 mm with 250 mm thick brick in cement mortar (1:4) with 100mm thick RCC top slab (1:2:4) with 1% re-enforcement 450 mm dia water sealed CI man-hole cover with locking	each	4.00	6,037.00	24,148.00

Item no.	Remarks/PWD SCHEDULE 2018 Item no	Item name	Description of Items	Unit	Quantity	Rate	Total Amount
				a	b	c	d=bx c
			arrangement including necessary earth works, site filling and one brick flat soling 75 mm thick (1:3:6) base concrete for making inlet channel & 12mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of .75 meter.				
				For	8.00	km	23,356,642
				for	1.00	km	2,919,580.25
			proportionately for	For	9	km	26276222.25
Total Cost in Million Taka							26.28

Table 158: Cost abstract for Water supply network

BPWD Item Code	Sl.No	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
02.1.5	1	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. Extra rate for each additional 0.5 meter depth exceeding 1.5 meter.	Cum	18971	237.00	4496021.72	4.50
02.16.1.2	2	Site development/improvement by carted earth or dredged sand, sandy silt (free from any organic, foreign, environmental hazardous substances) carried by head or truck or any other means in/c cost of cutting or by dredging of sand, sandy silt, all; in/c local carrying, placing the earth/sand, sandy silt in the designated area, maintaining slopes, breaking lumps, levelling and dressing in layers up to finished level etc. all complete as per direction and accepted by the engineer in charge.	Cum	1646	449.00	738860.93	0.74
	3	Providing and fixing 3 layer PPR pipes UV stabilised & anti - micro bial fusion welded, having thermal stability for hot & cold water supply, excluding trenching, refilling cost ..etc - External work					
MR	a)	PN - 16 40mm dia pipe	Rm	600	111.84	67106.16	0.07
MR	e)	PN - 10 110mm dia pipe	Rm	15035	582.94	8764538.98	8.76
MR	f)	PN - 10 140mm dia pipe	Rm	1074	1004.90	1079260.24	1.08
MR	g)	PN - 10 160mm dia pipe	Rm	1074	1224.35	1314950.29	1.31
MR	h)	PN - 10 200mm dia pipe	Rm	1074	1999.63	2147600.47	2.15

BPWD Item Code	Sl.No	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
MR	i)	Providing and laying S& Scentrifugally cast (spun) / Ductile iron 250mm dia pipes (classK7)	o	1074	5304.00	5696496.00	5.70
MR	j)	Providing and laying S& Scentrifugally cast (spun)/ Ductile iron 300mm dia pipes (classK7)	Rm	1074	10123.00	10872102.00	10.87
MR	k)	Providing and laying S& Scentrifugally cast (spun)/ Ductile iron 350mm dia pipes (classK7)	Rm	537	11736.00	6302232.00	6.30
MR	l)	Providing and laying S& Scentrifugally (spun) / Ductile iron 400mm dia pipes (classK7)	Rm	537	13818.00	7420266.00	7.42
	4	Providing and fixing Butterfly valve					
MR	a)	PN - 16 40mm Butterfly valve	Each	2	11115.60	22231.20	0.02
MR	f)	PN - 16 110mm Butterfly valve	Each	6	17074.80	102448.80	0.10
MR	g)	PN - 16 160mm Butterfly valve	Each	1	21513.60	21513.60	0.02
MR	h)	PN - 16 200mm Butterfly valve	Each	1	44820.00	44820.00	0.04
MR	i)	250mmdia Butterfly valve - Ductile iron	Each	1	57967.20	57967.20	0.06
MR	o)	PN - 16 110mm Air valve	Each	25	40338.00	1008450.00	1.01
MR	p)	PN - 16 160mm Air valve	Each	1	40836.00	40836.00	0.04
MR	q)	PN - 16 200mm Air valve	Each	1	41035.20	41035.20	0.04

BPWD Item Code	Sl.No	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
MR	r)	250mm dia Air valve - Ductile iron	Each	1	42240.00	42240.00	0.04
MR	s)	300mm dia Air valve - Ductile iron	Each	3	42480.00	127440.00	0.13
MR	t)	350mm dia Air valve - Ductile iron	Each	1	43320.00	43320.00	0.04
MR	u)	400mm dia Air valve - Ductile iron	Each	1	45240.00	45240.00	0.05
MR	x)	PN - 16 110mm Gate valve	Each	16	8605.20	137683.20	0.14
MR	y)	PN - 16 160mm Gate valve	Each	2	9852.00	19704.00	0.02
MR	z)	PN - 16 200mm Gate valve		2	10806.00	21612.00	0.02
MR	aa)	250mm dia Gate valve - Ductile iron	Each	2	14760.00	29520.00	0.03
MR	ab)	300mm dia Gate valve - Ductile iron	Each	4	17400.00	69600.00	0.07
MR	ac)	350mm dia Gate valve - Ductile iron	Each	1	18000.00	18000.00	0.02
MR	ad)	400mm dia Gate valve - Ductile iron	Each	1	24000.00	24000.00	0.02
MR	7	Constructing masonry chamber 120x120x100cm inside, in brickwork in cement mortar 1:4 for sluice valve with CI surface box 100mm top diameter, 160mm bottom diameter and 180mm deep inside with chain lid and RCC top slab 1:2:4 mix including necessary excavation, foundation.. etc	Each	17	2000.00	34000.00	0.03

BPWD Item Code	Sl.No	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
MR	8	Constructing masonry chamber 90x90x100cm inside,in brickwork in cement mortar 1:4 for sluice valve with CI surface box 100mmm top diameter, 160mm bottom diameter and 180mm deep inside with chain lid and RCC top slab 1:2:4 mix including necessary excavation, foundation.. etc	Each	32	1800.00	57600.00	0.06
MR	9	Constructing masonry chamber 60x60x75cm inside,in brickwork in cement mortar 1:4 for sluice valve with CI surface box 100mmm top diameter, 160mm bottom diameter and 180mm deep inside with chain lid and RCC top slab 1:2:4 mix including necessary excavation, foundation.. etc	Each	36	1600.00	57600.00	0.06
Total Cost in Million Taka							51.64

Table 159: Cost abstract for sump & overhead tank

Sl. No	BPWD Item Code	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
1	BPWD rates 2018, Annex - A	Sump - Potable - Processing	Lit	4638000	20.34	94,343,002.06	94.34
2	BPWD rates 2018, Annex - A	OHT - Potable - Processing	Lit	386000	40.95	15,805,463.10	15.81
3	BPWD rates 2018, Annex - A	Sump - Non-Potable - Processing	Lit	4582000	20.34	93,203,888.62	93.20
4	BPWD rates 2018, Annex - A	OHT - Non-Potable - Processing	Lit	374000	40.95	15,314,101.55	15.31
5	BPWD rates 2018, Annex - A	Sump - Potable - Non-Processing	Lit	55000	20.34	1,118,772.12	1.12
6	BPWD rates 2018, Annex - A	OHT - Potable - Non-Processing	Lit	5000	40.95	204,733.98	0.20
7	BPWD rates 2018, Annex - A	Sump - Non-Potable - Non-Processing	Lit	26000	20.34	528,874.10	0.53
8	BPWD rates 2018, Annex - A	OHT - Non-Potable - Non-Processing	Lit	2000	40.95	81,893.59	0.08
Total Cost in Million Taka							220.60

Table 160: Cost abstract for water distribution pumps

Sl. No	BPWD Item Code	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
1	MR	Potable water pump - Processing	nos	3.00	472728.00	1,418,184.00	1.42
2	MR	Non-Potable water pump - Processing	nos	3.00	472728.00	1,418,184.00	1.42
Total cost in Million Taka							2.84

Table 161: Cost abstract for pump room

Sl. No	BPWD Item Code	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
1	MR	Construction of pump house with 16 m x 8 m area with hand operated crane for lifting the pump as per the specification and design in drawing for potable water - Processing area	Sqm	128	70313.00	9,000,064.00	9.00
2	MR	Construction of pump house with 16 m x 8 m area with hand operated crane for lifting the pump as per the specification and design in drawing for potable water - Non processing area	sqm	128	70313.00	9,000,064.00	9.00
Total cost in Million Taka							18.00

Table 162: Cost abstract for water treatment plant

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
1	02.1.5	Earthwork excavation in all stiff clay, stiff back cotton, hard red earth, shales, murum, gravel, stoney earth and earth mixed with small size boulders and to the required depth including surveying wherever necessary with all leads and lifts for the materials as may be directed except in hard rock requiring blasting but inclusive of shoring strutting and baling out water wherever necessary, depositing the surplus earth in places shown clearing and levelling the site all complete in all respects complying with relevant standard specification and including the cost of removing shrubs, logs, roots, jungles if any, providing barricading arrangements and adequate safety measures (including refilling) 0 to 2m depth	237.00	Cum	610.40	144664.80	55.50	13153.50	27.20	6446.40	11.00	2607.00	626.66	148517.47
		Below 2m depth	155.25	Cum										
6	02.15.2	Refilling in foundation and basement and other similar works with excavated earth in layers of 150mm thickness well-watered rammed and consolidated	497.00	Cum							4.00	1988.00		

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		complying with relevant standard specifications as directed by the Departmental officers.												
2	02.16.1.2	Supplying and filling in foundation and basement with sand in layers of 150 mm thickness well-watered rammed and consolidated complying with relevant standard specifications including cost of sand and as directed by the Engineer in charge.	449.00	Cum	29.20	13110.80	2.70	1212.30	1.10	493.90	2.52	1132.83	23.58	10586.19
8	2.11	50 mm downgraded picked jhama khoa consolidation in foundation trenches by mixing the same with best quality local sand (F.M. 1.2) in 2:1 (khoa: sand) proportion to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) including breaking and screening chips, laying and spreading in 150 mm layers uniformly and compacting etc. all complete and accepted by the Engineer-in-charge.	4239.00	Cum										
3	03.4.1	Mass concrete in foundation (1:3:6) with	6647.00	Cum	29.20	194092.40	2.70	17946.90	1.10	7311.70	2.00	13294.00	23.58	156718.05

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		cement, brick chips and sand of F.M. 1.2												
10	4.1	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:6) in foundation and plinth, filling the joints/interstices fully with mortar, racking out the joints, cleaning and soaking the bricks at least for 24 hours before use and curing at least for 7 days etc. all complete including cost of water, electricity and other charges and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M)	6040.00	Cum										
12		Brick partition wall in cement mortar 1:4 (One of cement and six of sand) 115 mm thick for superstructure In Following Floors using chamber burnt second class stock bricks of size 9"X4 1/2"X.3" having minimum average crushing strength of 50Kg/sqcm. including labour for fixing the doors, windows and ventilator frames in position fixing of hold fasts scaffolding, curing etc. complete in all respects complying with relevant standard specifications and												

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		drawings and as directed by the Departmental Officers.												
a		Ground floor	598.32	Sqm										
#REF!		In First floor	607.32	Sqm										
4	07.4.1	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.25:2.5 having minimum $f_{cr} = 40$ MPa, satisfying a specified compressive strength $f'_c = 32$ MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa)/ASTM-C 150 Type - I, and adding approved high range water reducing admixture of complying specific type (generally be Type-G) under ASTM-C 494, best quality coarse sand [Sylhet sand or coarse sand of equivalent F.M. 2.2], 20 mm down well graded crushed stone chips conforming to ASTM C-33, including screening sand through proper sieves, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing												

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		reinforcement in position; mixing with standard mixer machine with hopper and fed by standard measuring boxes or mixing in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and cylinders as required, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Doses of admixture to be fixed in consultation with design office) (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc, admixture and the cost of shuttering & centering)												
a		In foundation and basement upto 1.50 Mt from Ground Level.	12451.00	Cum	341.30	4249526.30	8.80	109568.80	2.40	29882.40	3.00	37353.00	93.05	1158517.25
b		In Stilt floor	6062.82	Cum	304.56	1846493.74	10.49	63613.53	14.23	86244.82			165.85	1005513.49
5	07.2.1	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:2:4 having minimum f _{cr} = 27 MPa,	11817.00	Cum										

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		satisfying a specified compressive strength $f'c = 22$ MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type - I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33, making and placing shutter in position maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper fed by standard measuring boxes or mixing in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and cylinders as required, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of												

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering)												
6		Providing formwork for reinforced cement concrete works using M.S. or plywood shuttering of size 90x60cm and MS 10 gauge stiffened with M.S. angle of size 25mm x 25mm x 3mm for boarding laid over silver oak (C.W.) joist of size 10cm x 6.50cm (spaced about 90cm c/c) and supported by MS pipe supports/wooden props of 10cm to 13 cm dia. (spaced about 75 cm c/c) etc., including strutting up to 3 m height and removing the same after a specified period without damaging the CC works complying with relevant standard specification and as directed by the Engineer in charge												
		a) For R.C.C. works in foundation and basement such as grid beam, plinth beam, raft beam, raft slab, column base, column footings, other similar nature of works etc all complete	450.00	Sqm	71.70	32265.00	6.30	2835.00	6.80	3060.00	8.00	3600.00	39.08	17586.64
		b) For reinforced cement concrete works such as floor	500.00	Sqm	984.95	492473.02	38.30	19149.81	42.21	21105.00			54.82	27411.24

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		and roof slab, lintels, beams staircase waist and landing slab and plane surfaces and other similar works. (0-3 m)												
		c) For RCC surface of columns and in small quantities such as sunshades, parapet cum drops, window boxing in projections and other similar works.	550.00	Sqm	624.50	343475.00	41.60	22880.00	82.80	45540.00			1021.95	562072.66
23		Supplying, fitting and fixing of aluminium sliding window as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having 1.2 mm thick outer bottom (size 75.50 mm, 32mm), 1.2 mm thick outer top (size 75.50 mm, 16.80 mm), 1.2 mm thick shutter top (size 33 mm, 26.80, 22 mm), 1.2 mm thick shutter bottom (size 60mm, 24.40 mm), 1.2 mm thick outer side (size 75.50 mm, 19.90 mm), 1.2 mm thick shutter lock (size 49.20 mm 26.20 mm) and 1.2 mm thick inter lock (size 34.40 mm, 32.10 mm) sections all aluminium members (total weight kg/sqm) will be anodized to												

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		aluminium bronze/silver/ss/black colour with a coat not less than 15 microns in thickness or powder coated to any colour with a coat not less than 25 microns in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door wheel, sliding door mohair, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5 mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge.												
		Aluminum clips, handle stoppers and fixing 4mm thick plain glass lock L angles, screws including, conveyance scaffolding if any etc complete. necessary dismantling makes holes in RCC columns, beams, masonry wherever necessary power drill to extent required and made good the original condition after fixing as directed by												

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		the departmental officers and complying with relevant standard specification. The alu. surface is to be anodized with matt finish under electrically controlled condition in accordance with ISI specification 1868/1962 for an average anodic film thickness of not less than 15 (fifteen) microns. All the materials should be got approved by the SE before fixing in position.												
	14.6	a) Window	4146.00	Sqm										
8	4.25	75 mm thick cement concrete (1:3:6) flooring with cement, best quality coarse sand and 19 mm downgraded picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting, washing and screening of sand (F.M 1.2) and curing at least for 7 days etc. including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M)	507.00	Sqm									214.94	108976.53

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
#REF!														
37	6.11	Supplying, fitting and fixing country made rustic or matt finished stair tiles complying BDS ISO 13006: 2015, water absorption \leq 0.5%, modulus of rupture (MOR) \geq 27 N/mm ² , irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc. including water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEMII/ A-M). In ground floor	1935.00	Sqm										
#REF!	6.14	Supplying, fitting and fixing country made floor tiles complying BDS ISO 13006: 2015, water absorption \leq 0.5%, modulus of rupture (MOR) \geq 27 N/mm ² , irrespective of color &/or design, with adhesives in full thickness of tiles, filler/tiles grout including cutting, shaping, placing in proper level etc. all complete and accepted by	2256.00	Sqm										

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		the Engineer-in-charge. In ground floor GP mirror polished floor tiles (600 mm x 900 mm)												
39	6.16	Supplying, fitting and fixing 20mm to 25mm thick machine made cement pavement tiles having minimum compressive strength of 27 MPa, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:4) base and making the joints carefully in true straight line including cutting, laying and hire charge of machine and finishing with care etc. including water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M). In ground floor Pavement tiles of size 300 mm x 300 mm	2481.00	Cum										
43	07.17.3	Water-proofing membrane on the floor or on the horizontal surfaces with permanent protective cover & wearing coarse. (Rate is excluding the cost of protective cover and wearing coarse which to be	908.00	Sqm										

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		paid as per corresponding items in this schedule)												
9	4.3	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and socking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half brick length) accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) In ground floor	6769.00	Cum			6.00	40614.00						
10	06.6.3	Supplying, fitting and fixing country made glazed wall tiles complying BDS ISO 13006: 2015, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc.	1817.00	Sqm			27.32	49633.44						

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		including cost of water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEMII/ A-M). In ground floor Wall tiles more than 250 mm x 400 mm & less than or equal to 300 mm x 600 mm in sizes												
11	15.1	Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to both inner-and outer surface of wall, finishing the corner and edges including washing of sand, cleaning the surface, curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) ground floor.	243.00	Sqm	310.90	75548.70	7.50	1822.50	36.80	8942.40			673.21	163590.21
12		Plastering in C.M 1:3 (one of cement OPC 53 grade (Considered 35% of fly ash in replacement of cement) and three of sand) 10 mm thick for bottom of sunshade, ceiling in all floors, including	197.80	Sqm	1014.90	200747.22	64.90	12837.22	32.10	6349.38				

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		scaffolding, curing, finishing, etc complete in all respects complying with relevant standard specification and as directed by the Engineer in charge (Cement will be supplied free of cost by the Employer at project site; The contractor is to take delivery of the cement from the site. The quote should not include the cost of cement but should include all other items including fly ash)												
13	08.1.2	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively : up to ground floor.												

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		Mild steel bars/RTS bars	82000.00	MT	50.26	4121635.28	1.70	139400.00	1.800	147600.00	0.417	34194.00	18.452	1513095.83
75	30.15.2	Supplying and placing of approx. 60 mm thick coloured uni-block for paving walk way having compressive strength of 15 N/mm ² on compacted sand bed of 50 mm on stabilized soil base, and filling all interstices with sand, cleaning etc. accepted by the Engineer-in-charge.	1276.00	Sqm										
76	30.3	Supplying, carrying, placing, providing of concrete Kerb stone size 600 mm x 300 mm x 100 mm approved and accepted by the Engineer-in-charge.	238.00	Sqm										
#RE F!	26.82.1	950 mm x 950 mm x 75 mm R.C.C. pit cover with 450 mm dia C.I. manhole cover.	2280.00	Nos	3.00	6840.00			16.00	36480.00				
#RE F!		Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing and staircase railing including applying a priming coat of approved steel primer.	316.70	Rmt	40.53	12835.22							51.00	16151.70

S. No.	Reference - BPWD 2018	Description of work	Rate	Unit	Collection sump		Aeration tank		Flash mixer		Filter Press feed & Back wash return pump		Clariflocculator	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
		Total				117337.00		494667.00		399456.00		94169.00		4888738.00
		Total amount in lakhs				117.337		4.947		3.995		0.942		48.887

Table 163: Cost abstract for water treatment plant (Continuation)

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
1	02.1.5	Earthwork excavation in all stiff clay, stiff back cotton, hard red earth, shales, murum, gravel, stoney earth and earth mixed with small size boulders and to the required depth including surveying wherever necessary with all leads and lifts for the materials as may be directed except in hard rock requiring blasting but inclusive of shoring strutting and baling out water wherever necessary, depositing the	237.00	Cum	282.89	67046.06			66.90	15855.30	90.50	21448.50	63.00	14931.00	1834.05	434670.03

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		surplus earth in places shown clearing and levelling the site all complete in all respects complying with relevant standard specification and including the cost of removing shrubs, logs, roots, jungles if any, providing barricading arrangements and adequate safety measures (including refilling) o to 2m depth														
		Below 2m depth	155.25	Cum	77.80	12077.84			49.50	7684.88			50.00	7762.50	177.30	27525.21
6	02.15.2	Refilling in foundation and basement and other similar works with excavated earth in	497.00	Cum									52.00	25844.00	56.00	27832.00

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		layers of 150mm thickness well-watered rammed and consolidated complying with relevant standard specifications as directed by the Departmental officers.														
2	02.16.1.2	Supplying and filling in foundation and basement with sand in layers of 150 mm thickness well-watered rammed and consolidated complying with relevant standard specifications including cost of sand and as directed by the Engineer in charge.	449.00	Cum	10.06	4518.86			2.20	987.80	18.10	8126.90	5.00	2245.00	94.46	42414.58
8	2.11	50 mm downgraded picked jhama	4239.00	Cum												

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		khoa consolidation in foundation trenches by mixing the same with best quality local sand (F.M. 1.2) in 2:1 (khoa: sand) proportion to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) including breaking and screening chips, laying and spreading in 150 mm layers uniformly and compacting etc. all complete and accepted by the Engineer-in-charge.														

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
3	03.4.1	Mass concrete in foundation (1:3:6) with cement, brick chips and sand of F.M. 1.2	6647.00	Cum	10.06	66897.27			2.20	14623.40	18.10	120310.70	4.00	26588.00	92.94	617782.42
10	4.1	Brick works with first class bricks with cement sand (F.M. 1.2) mortar (1:6) in foundation and plinth, filling the joints/interstices fully with mortar, racking out the joints, cleaning and soaking the bricks at least for 24 hours before use and curing at least for 7 days etc. all complete including cost of water, electricity and other charges and accepted by the	6040.00	Cum												

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		Engineer-in-charge. (Cement: CEM-II/A-M)														
12		Brick partition wall in cement mortar 1:4 (One of cement and six of sand) 115 mm thick for superstructure In Following Floors using chamber burnt second class stock bricks of size 9"X4 1/2"X.3" having minimum average crushing strength of 50Kg/sqcm. including labour for fixing the doors, windows and ventilator frames in position fixing of hold fasts														

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		scaffolding, curing etc. complete in all respects complying with relevant standard specifications and drawings and as directed by the Departmental Officers.														
a		Ground floor	598.32	Sqm												
#REF!		In First floor	607.32	Sqm												
4	07.4.1	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.25:2.5 having minimum f_{cr} = 40 MPa, satisfying a specified compressive strength $f_{c'}$ = 32 MPa at 28 days on standard cylinders as														

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		per standard practice of Code ACI/BN BC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa)/ASTM-C 150 Type – I, and adding approved high range water reducing admixture of complying specific type (generally be Type-G) under ASTM-C 494, best quality coarse sand [Sylhet sand or coarse sand of equivalent F.M. 2.2], 20 mm down well graded crushed stone chips conforming to ASTM C-33, including screening sand through proper sieves,														

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer machine with hopper and fed by standard measuring boxes or mixing in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, test															

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		ing charges of materials and cylinders as required, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Doses of admixture to be fixed in consultation with design office) (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc, admixture and the cost of shuttering & centering)															
a		In foundation and basement upto 1.50 Mt from Ground Level.	12451.00	Cum	125.13				6.70	83421.70			16.00	199216.00	596.38	7425472.42	
b		In Stilt floor	6062.82	Cum					15.00	90942.29					510.13	3092807.87	
5	07.2.1	Reinforced cement	11817.00	Cum							70.20	829553.40			70.20	829553.40	

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		concrete works with minimum cement content relates to mix ratio 1:2:4 having minimum fcr = 27 MPa, satisfying a specified compressive strength f'c = 22 MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type - I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips														

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		conforming to ASTM C-33, making and placing shutter in position maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper fed by standard measuring boxes or mixing in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved;														

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		including cost of water, electricity, testing charges of materials and cylinders as required, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering)															
6		Providing formwork for reinforced cement concrete works using M.S. or plywood shuttering of size 90x60cm															

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		and MS 10 gauge stiffened with M.S. angle of size 25mm x 25mm x 3mm for boarding laid over silver oak (C.W.) joist of size 10cm x 6.50cm (spaced about 90cm c/c) and supported by MS pipe supports/wooden props of 10cm to 13 cm dia. (spaced about 75 cm c/c) etc., including strutting up to 3 m height and removing the same after a specified period without damaging the CC works complying with relevant standard specification and as directed by														

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		the Engineer in charge														
		a) For R.C.C. works in foundation and basement such as grid beam, plinth beam, raft beam, raft slab, column base, column footings, other similar nature of works etc all complete	450.00	Sqm	16.99	7646.79			6.40	2880.00	21.20	9540.00	95.00	42750.00	271.47	122163.43
		b) For reinforced cement concrete works such as floor and roof slab, lintels, beams staircase waist and landing slab and plane surfaces and other similar works. (0-3 m)	500.00	Sqm											1120.28	560139.07
		c) For RCC surface of columns and in small quantities	550.00	Sqm	222.27	122250.68			126.90	69795.00					2120.02	1166013.34

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		such as sunshades, parapet cum drops, window boxing in projections and other similar works.															
23		Supplying, fitting and fixing of aluminium sliding window as per the U.S. Architectural Aluminium Manufacturer 's Association (AAMA) standard specification and BDS 1879:2014 having 1.2 mm thick outer bottom (size 75.50 mm, 32mm), 1.2 mm thick outer top (size 75.50 mm, 16.80 mm), 1.2 mm thick shutter top (size 33															

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		mm.26.80, 22 mm), 1.2 mm thick shutter bottom (size 60mm, 24.40 mm), 1.2 mm thick outer side (size 75.50 mm,19.90 mm), 1.2 mm thick shutter lock (size 49.20 mm 26.20 mm) and 1.2 mm thick inter lock (size 34.40 mm, 32.10 mm) sections all aluminium members (total weight kg/sqm) will be anodized to aluminium bronze/silver /ss/black colour with a coat not less than 15 microns in thickness or powder coated to any colour with a coat not less															

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		than 25 microns in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door wheel, sliding door mohair, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5 mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the														

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		Engineer-in-charge.															
		Aluminum clips, handle stoppers and fixing 4mm thick plain glass lock L angles, screws including, conveyance scaffolding if any etc complete. necessary dismantling makes holes in RCC columns, beams, masonry wherever necessary power drill to extent required and made good the original condition after fixing as directed by the departmental officers and complying with relevant standard specification.															

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		The alu. surface is to be anodized with matt finish under electrically controlled condition in accordance with ISI specification 1868/1962 for an average anodic film thickness of not less than 15 (fifteen) microns. All the materials should be got approved by the SE before fixing in position.														
	14.6	a) Window	4146.00	Sqm												
8	4.25	75 mm thick cement concrete (1:3:6) flooring with cement, best quality coarse sand and 19 mm downgraded picked jhama	507.00	Sqm	83.65	42408.92			8.00	4056.00			13.00	6591.00	319.59	162032.45

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		brick chips including breaking of chips, screening, mixing, laying, compacting, washing and screening of sand (F.M 1.2) and curing at least for 7 days etc. including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M)															
#REF!																	
37	6.11	Supplying, fitting and fixing country made rustic or matt finished stair tiles complying BDS ISO 13006: 2015, water	1935.00	Sqm													

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		absorption \leq 0.5%, modulus of rupture (MOR) \geq 27 N/mm ² , irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc. including water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEMII/ A-M). In ground floor															

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
#REF!	6.14	Supplying, fitting and fixing country made floor tiles complying BDS ISO 13006: 2015, water absorption ≤ 0.5%, modulus of rupture (MOR) ≥ 27 N/mm ² , irrespective of color &/or design, with adhesives in full thickness of tiles, filler/tiles grout including cutting, shaping, placing in proper level etc. all complete and accepted by the Engineer-in-charge. In ground floor GP mirror polished floor	2256.00	Sqm												

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		tiles (600 mm x 900 mm)														
39	6.16	Supplying, fitting and fixing 20mm to 25mm thick machine made cement pavement tiles having minimum compressive strength of 27 MPa, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:4) base and making the joints carefully in true straight line including cutting, laying and hire charge of machine and finishing with care etc. including water, electricity and	2481.00	Cum												

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M). In ground floor Pavement tiles of size 300 mm x 300 mm															
43	07.17.3	Water-proofing membrane on the floor or on the horizontal surfaces with permanent protective cover & wearing coarse. (Rate is excluding the cost of protective cover and wearing coarse which to be paid as per corresponding items in this schedule)	908.00	Sqm													

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
9	4.3	Brick works with first class bricks with cement sand (F.M. 1:2) mortar (1:4) in exterior walls including filling the interstices with mortar, raking out joints, cleaning and soaking the bricks at least for 24 hours before use and washing of sand, necessary scaffolding, curing at least for 7 days etc. all complete including cost of water, electricity and other charges (measurement to given as 250 mm width for one brick length and 375 mm for one brick and a half	6769.00	Cum											6.00	40614.00

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		brick length) accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) In ground floor														
10	06.6.3	Supplying, fitting and fixing country made glazed wall tiles complying BDS ISO 13006: 2015, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc. including cost of water, electricity and	1817.00	Sqm											27.32	49633.44

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEMII/A-M). In ground floor Wall tiles more than 250 mm x 400 mm & less than or equal to 300 mm x 600 mm in sizes														
11	15.1	Minimum 12 mm thick cement sand (F.M. 1:2) plaster (1:4) with fresh cement to both inner- and outer surface of wall, finishing the corner and edges including washing of sand, cleaning the surface, curing at least for 7 days,	243.00	Sqm	194.78	47332.46			134.90	32780.70			90.00	21870.00	1448.09	351886.96

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) ground floor.															
12		Plastering in C.M 1:3 (one of cement OPC 53 grade (Considered 35% of fly ash in replacement of cement) and three of sand) 10 mm thick for bottom of sunshade, ceiling in all floors, including scaffolding, curing, finishing, etc complete in all respects	197.80	Sqm											1111.90	219933.82	

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		complying with relevant standard specification and as directed by the Engineer in charge (Cement will be supplied free of cost by the Employer at project site; The contractor is to take delivery of the cement from the site. The quote should not include the cost of cement but should include all other items including fly ash)															
13	08.1.2	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and															

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		marked according to Bangladesh standard, with minimum yield strength, f_y (ReH)= 400 MPa but f_y not exceeding 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength f_u to yield strength f_y , shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively : up to ground floor.														

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount		
		Mild steel bars/RTS bars	82000.00	MT	12.177	998487.24			1.400	114800.00			3.00	246000.00	89.21	7315212.34
75	30.15.2	Supplying and placing of approx. 60 mm thick coloured uniblock for paving walk way having compressive strength of 15 N/mm2 on compacted sand bed of 50 mm on stabilized soil base, and filling all interstices with sand, cleaning etc. accepted by the Engineer-incharge.	1276.00	Sqm												
76	30.3	Supplying, carrying, placing, providing of concrete Kerb stone size 600 mm x 300 mm x 100 mm	238.00	Sqm												

S. No.	Reference - BPW D 2018	Description of work	Rate	Unit	Filter feed tank		Valve sump		Sludge & Valve sump		Filter platform		Back wash sump		Total Qty	Amount	
					Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount			
		approved and accepted by the Engineer-in-charge.															
	26.82.1	950 mm x 950 mm x 75 mm R.C.C. pit cover with 450 mm dia C.I. manhole cover.	2280.00	Nos	3.00	6840.00									22.00	50160.00	
		Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing and staircase railing including applying a priming coat of approved steel primer.	316.70	Rmt											91.53	28986.92	
		Total				293350.00				437828.00		988980.00		593798.00		22564834.00	
		Total amount in lakhs				29.335				4.378		9.890		5.938		225.648	

Table 164: Cost abstract - WTP

S. No.	Description	Amount	Amount in Million Taka
1	Collection sump	11,733,708	11.73
2	Aeration tank	494,667	0.49
3	Flash mixer & Spillter Box	399,456	0.40
4	Clariflocculator	4,888,738	4.89
5	Filter feed tank	2,933,494	2.93
6	Sludge sump	437,828	0.44
7	Filter platform	988,980	0.99
8	Air blower/MCC control room	4,884,836	4.88
9	Chemical storage house	900,749	0.90
10	Filter Press house	2,962,088	2.96
11	Building-Internal electrification	614,910	0.61
12	Elctro mechanical cost	12,744,354	12.74
13	Back wash drain collection sump	593,798	0.59
14	Filter press drain water return pump platform	94,169	0.09
	Total	44,577,606	44.67
15	WTP Infrastructure cost (10%)		4.47
		Total cost in Lakhs	49.14
	WTP capacity	2.5	MLD
		Cost per MLD	19.66
		Cost escalation	4%
		cost per MLD in Million Taka	20.383
		Total cost for 4.7 MLD in Million Taka	95.65

Table 165: Cost abstract for fire hydrant

S. No	Reference -	Description	Unit rate (USD)	Quantity	Amount (USD)
1	MR	Supply and fixing of Fire Hydrant (From the non-potable water main line), Dry Pillar Type, 100mm Dia High Barrel Depth and angle inlet Made of Ductile Iron, (1200 mm Bury Length), with One Pumper Connection 4" BSP Threaded and Outlet with two nos. of 2.5" BSP Aluminium couplings, Rated Pressure 16 Bar, BS EN14384, LPCB Approved, complete as per direction of Engineer in Charge.	432	1	432
2	MR	Supply and fixing of Valve-Gate, Resilient Wedge OS&Y. 4" Size, Flanged X Flanged Type WP 300 PSI, FM/UL Approved, complete as per direction of Engineer in Charge.	112.75	1	112.75
3	MR	Supply and fixing of Standard Hydrant Cabinet, Self-Standing Type, Standard Accessories, Made of Full 1mm Mild Steel Red Painted, Size (800x1000x250x600Leg). Hose Synthetic Single Jacket 2.5" x 30 Mtrs. with Morris Std. Aluminium Anodized Coupling, 200psi Working Pressure, Red Color, UL Listed , BRANCH -2 Nos.(FOG NOZZLE) 2.5" MALE BS336 BRASS JET & SPRAY UL LISTED, Axe with wood/plastic handle size small -1 No, for hydrant cabinet, -1 No. Hydrant Universal Spanner -1 No. Key for Hydrant, Chrome Plated Handle	334.5	1	334.5
				Unit rate in USD	879.25
				Unit rate in in BDT	73857

Description	Unit -Nos	Unit rate in Taka	Rate in Taka	Amount in million Taka
Fire hydrant	74.00	73857	5465418	5.46

Table 166: Cost abstract for Effluent network

Sl. No.	BPWD Item Code	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
1	02.1.5	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. Extra rate for each additional 0.5 meter depth exceeding 1.5 meter.	Cum	33139.61	237.00	7854088.16	7.85
2	MR	Constructing brick masonry circular manhole 0.91m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 inside cement plaster 12mm thick in cement mortar 1:3 foundation concrete 1:3:6 mix and making .etc	Each	161.00	2371.00	381731.00	0.38
3	MR	Constructing brick masonry circular manhole 1.22m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 inside cement plaster 12mm thick in cement mortar 1:3 foundation concrete 1:3:6 mix and making .etc	Each	144.00	2534.00	364896.00	0.36
c)	MR	Effluent pipe - RCC hume pipe 150mm dia	Rm	4833	795.60	3845134.80	3.85
d)	MR	Effluent pipe - RCC hume pipe 200mm dia	Rm	2685	1216.80	3267108.00	3.27
f)	MR	Effluent pipe - RCC hume pipe 300mm dia	Rm	1611	1761.50	2837776.50	2.84
	MR	Providing, laying and jointing of pipe approved material and brand for plot connection including construction of manhole 0.91m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 inside cement plaster 12mm thick in cement mortar 1:3 foundation concrete 1:3:6 mix and making ..etc transporting to the spot, handling, lifting, etc all including jointing of pipes as per standard, testing, ancillary materials, labour all complete and as directed by the engineer-in-charge	Each	427	5500.00	2348500.00	2.35
Total Cost in Million Taka							24.76

Table 167: Cost abstract for effluent treatment plant (ETP)

S. No.	Particulars	Estimated Cost in BDT
1	Intake Tank, Raw Effluent Tank, Pump House	3749662.3
2	Elevated Receiving Chamber, Platform for Grit Dewatering, Grit Pump	672162.19
3	Grit Removal-Cum-Oil & Grease Skim, Flow Measure. Channel	834782.73
4	Equalization Tank ,Flash Mixing Tanks- 1&2	4143588.18
5	Panel Room-1	864031.59
6	Panel Room-2	864031.59
7	Aeration Tank, Return Sludge Pump Tank	13207026.68
8	Housing For Twin Lobe Air Blowers	1140294.13
9	Housing for Chlorine Tonners	579637.64
10	Shed For Chlorinators	962683.63
11	Workshop Cum Store	936351.88
12	Sludge Pump Room	1221141.09
13	WET CHEMICAL SLUDGE, BIO SLUDGE TANK	863451.35
14	Pump House (PH - 2)	1050479.1
15	Primary & Secondary Clarifier	3982983.39
16	Dry Sludge Storage Shed	1517329.11
17	Chlorine Contact Tank & Filter Feed Water Tank	5886528.67
18	Platform For Volute Press & Centrifuge, ASF & PSF	437871
19	G.A Of Chemical House	2460907.88
20	Security Room	631512.91
21	PLC Room	1144413.64
22	Office Building	4615244.16
Total (Civil Works)		51766114.84
Total civil works cost in Million Taka		51.77

S. No.	Description	Cost in Million Taka
1	Control Panel A.C. Room and Plant Room	3.3
2	Tanks	2.111
Total		5.411

S. No.	Equipment / Drive Name	Nos.	Rate	Amount
			(In Lac Taka)	(In Lac Taka)
1	Coarse Screens (mechanical operation)	1	3.5	3.5
2	Medium Screens (manual operation)	2	0.72	1.44
	Centrifugal Pumps (45m ³ / Hr), in Pump			
3	Houses PH-1 & PH-2	2	0.47	0.94
	Centrifugal Pumps (25 m ³ / Hr), in Pump			
4	Houses PH-1 & PH-2	4	0.43	1.72
	Centrifugal Pumps (35 m ³ / Hr), in RAS Pump			
5	House	2	0.68	1.36
6	Pit Dewatering Pumps, centri., 3m ³ /Hr	6	0.34	2.04
	Centrifugal Pumps (45 m ³ / Hr), in Pump			
7	House PH-4.	1	0.85	0.85
	Centrifugal Pumps (25 m ³ / Hr m ³ / Hr), in			
8	Pump House PH-4.	2	0.64	1.28
9	Grit removal devices, oil skimmers	1	2.5	2.5
10	Grit Lifting Pump	2	0.5	1
11	Air Compressor	1	1.95	1.95
12	EOT hoists	6	0.72	4.32
13	EOT hoists	1	1.5	1.5
14	Agitator- Lime Dosing Tank	2	0.46	0.92
15	Agitator- F. S. / F.A. Dosing Tank	2	0.46	0.92
16	Agitator- Poly Electrolyte Dosing Tank	1	0.46	0.46
17	Mixer - Flash Mixer Tank-1&2	2	0.65	1.3
18	Rotary Air Blower for Chem. House and sludge mixing	2	1.2	2.4
19	Mixer for Flocculation Chamber	1	1.85	1.85
20	Dosing Pumps for Lime Solution	2	0.6	1.2
21	Dosing Pumps For Fer.Sul. / F.A. Solu.	2	0.65	1.3
22	Dosing Pump For P E Solution	2	0.59	1.18
23	Primary Clarifier Mechanism	1	4.5	4.5
24	Secondary Clarifier Mechanism	1	4.5	4.5
25	Twin Lobe Air Blowers for Aeration Tanks	2	4.2	8.4
26	Sludge Feed Centri. Pumps for PH-3	2	0.23	0.46
	Sludge Feed Screw Pump to Filter Press for			
27	PH-3	2	0.48	0.96
28	Tube well & Pump (Submersible)	1	0.8	0.8
29	Centrifugal Pumps for reuse of Treated effluent in Chem. House	2	0.25	0.5

S. No.	Equipment / Drive Name	Nos.	Rate	Amount
			(In Lac Taka)	(In Lac Taka)
30	Filter Press with Hydraulic system	1	2.36	2.36
31	Filter Press without Hydraulic system- Manual operation	1	2	2
32	Centrifuge / Volute Press for bio-sludge dewatering	1	18.85	18.85
33	Pressure Sand Filters	2	2.4	4.8
34	Activated Carbon Filters	2	2.79	5.58
35	Chlorinators with Tonners before filtration.	2	4	8
36	Piping, valves, fittings, air diffusers, air pipe grid as per requirement	Lot	27.71	27.71
37	V-Notch	1	0.13	0.13
			Total Basic cost for Mechanical items	125.48
Drawing, document preparation & Approval, TPI			0.50%	0.62
Local VAT/CST/WCT/S.Tax			15%	18.82
Labor Cess.			1%	1.25
Freight			3%	3.76
Installation & Testing			4.50%	5.64
Contractor Profit			10%	12.548
Total cost for Mechanical items including Packing, transport, taxes, installation and contractor profit.			34.00%	168.12
			Total cost in Million Taka	16.81

S. No.	Equipment / Drive Name		Nos.	Rate	Amount
				(In Lac Taka)	(In Lac Taka)
1	LT Panels and accessories for all drives at various locations Pumps Houses, aeration tanks, chemical houses etc		6	1.5	9
2	HT Panels and accessories	Total Load = 200 kW	1	3	3
3	Cables, cable trays and accessories including for DG sets.	Size and materials as per requirement of standards and layout plan.	Lot.	L.S.	25
4	Electrical fixtures for lighting in buildings, on tanks and roads.	As per requirement of buildings standards and layout plan.	Lot	L.S.	12
Sub- Total for Electrical					49
INSTRUMENTATION -					
5	Level Sensors and Controllers for Pumps Houses	SS / metallic probes and copper cables.	5	0.3	1.5

		Automatic On/Off control.			
6	On-line pH meters	Sensor with Digital Display unit	1	0.15	0.15
7	On-line DO meters	Sensor with Digital Display unit, protected probes and cables.	2	1.5	3
	Controllers for aerators /blowers in Aeration tank				
8	Flow Rate and Total Flow	Electromagnetic with Digital Display	1	1	1
	Recorder				
9	Flow Rate and Total Flow	Ultrasonic, Digital Display (LCD) Flow rate range = 20 to 100cu.m/ hr.	1	4	4
	Recorder				
10	Software, Computers and PLC for ASP, On-line Real Time	Process monitoring & control Software, PLC with relays, cables etc. complete	20+20	60	60
	Monitoring Instrumentation		20		
11	Laboratory instruments, glassware and chemicals.	For testing of common and special	Lot	10	10
		parameters as per			
		CPCB /BSPCB			
	Sub- Total for Instrumentation				79.65
	Total cost In Million Taka				7.965

S. No.	Particulars	Cost (in Lacs)
1	Civil Cost	58
Electromechanical Items		
2	RO System Cost	185
3	Evaporators System Cost	
3.1	TRIPLE forced circulation evaporator system	63
3.2	Other costs	50
Total Advance Treatment Cost(excluding civil)		356
Total cost in Million Taka		35.6

S. No.	Particulars	Cost (in Million Taka)
1	Civil Cost till tertiary treatment	51.77
2	Civil Cost for Advance Treatment	5.411
3	Mechanical Cost	16.81
4	Electrical & Instrumentation Cost	15.598
7	Advance Treatment Cost for Electromechanical items	35.6
	Total Project Cost in Million Taka	125.19
	Escalation -20%	25.04
	Total Project Cost in Million Taka per MLD	150
	Total Project Cost in Million Taka for 5.4 MLD	810.00

Table 168: Cost abstract for solid waste management

Sl. No.	Description	Quantity	Unit	Rate (in Taka)	Amount (in Taka)
1.	Waste collection platform	1	No	216,533	216,533
2.	Crusher and mixing unit	1	No	43,307	43,307
3.	Primary anaerobic plant digester	1	No	690,200	690,200
4.	Secondary anaerobic plant digester	1	No	690,200	690,200
5.	Slurry pit	1	No	75,787	75,787
6.	Slurry chamber	1	No	140,747	140,747
7.	Purification unit	1	Lot	692,907	692,907
8.	Storage and dispensing unit	1	Lot	433,067	433,067
9.	Non-bio degradable waste storage shed 1 (For storing recyclable waste)	1	No	238,187	238,187
10.	Non-bio degradable waste storage shed 2 (For storing inert waste)	1	No	519,680	519,680
11.	Internal electrification for buildings	1	Lot	216,533	216,533
12.	Any other components in civil structures required for the construction of SWM plant missing out in the above	1	Lot	216,533	216,533
Total - I					4,173,680
II. SWM Plant with a capacity of 1 TPD: Electro-mechanical works					
1.	Waste collection and segregation unit				
	a) Hopper with weighing arrangement for receiving organic waste of required size	1	No	273,760	273,760
	b) Shaft less screw conveyor for transferring waste from hopper to pulper/grinder of required capacity/size	1	No	205,320	205,320
	c) Suitable crusher / pulper / shredder for crushing the organic waste of required capacity/size	1	No	342,200	342,200
2.	Primary anaerobic plant digester				
	a) Floating FRP hood	1	No	446,600	446,600
3.	Secondary anaerobic plant digester				
	a) Floating FRP hood	1	No	446,600	446,600
4.	Slurry Pit				
	a) FRP cover for slurry pit	1	No	34,220	34,220
5.	Agitator	1	No	91,253	91,253
6.	Pumps				
	a) Digester feed pump	2	No	18,251	36,501
	b) Filtrate recirculation pump	2	No	14,829	29,657
	c) Submersible mixer	4	No	22,813	91,253

Sl. No.	Description	Quantity	Unit	Rate (in Taka)	Amount (in Taka)
7.	Flaring unit – Gas flare system	1	No	22,813	22,813
8.	Bio gas engine	1	No	684,400	684,400
9.	Purification unit				
	a) Hydrogen sulphide remover	1	No	228,133	228,133
	b) Carbon-di-oxide remover	1	No	1,140,667	1,140,667
10.	Piping and valves				
	a) Interconnecting pipes with approved makes and size	1	Lot	159,693	159,693
	b) Valves: Butterfly valves, ball valves, non-return valves wherever applicable	1	Lot	68,440	68,440
11.	Storage and dispensing unit				
	a) Suitable compressor along with cylinders for storage of bio gas	1	No	1,277,547	1,277,547
12.	Electrical works including gas flow meter - MCC panel, local push buttons stations, power, control cables, cable end terminations, earthing system, electronic type gas flow meter, etc.,	1	Lot	228,133	228,133
13.	Automation with PLC system - PLC control panel, SCADA system, input waste weighing monitoring, Field Instruments, power, control, instrumentation cables, cable end terminations, earthing system, field junction box. The system should be suitable for control/monitor from the centralized control station.	1	Lot	456,267	456,267
14.	Any other electromechanical components required for the construction of SWM plant missing out in the above	1	Lot	456,267	456,267
	Total - II				6,719,725
III. SWM Plant with a capacity of 1 TPD: Common works					
1.	Road	1	Lot	135,333	135,333
2.	Fencing & gate	1	Lot	139,200	139,200
3.	Drain	1	Lot	145,000	145,000
4.	Any other common works required for the construction of SWM plant missing out in the above	1	Lot	232,000	232,000
	Total III				651,533
	Grand total (I+II+III)				11,544,939
				Cost per TPD in Taka	11,544,939
				Cost escalation	20%
				Total cost per TPD in Taka	13,853,930.00

Sl. No.	Description	Quantity	Unit	Rate (in Taka)	Amount (in Taka)
				in Million Taka	13.85393
Total SWM cost for 3.6 TPD in Million Taka					49.79

Table 169: Cost abstract for telecom duct

Sl. No.	PWD SOR/2018	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
1	2.1.5	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local benchmark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in very soft / saturated / organic clayey soil / soil of semi-liquid state.	Cum	15606	217.00	3,386,585.82	3.39
2	3.4.1	Mass concrete (1:3:6) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/A-M) Mass concrete in foundation (1:3:6) with cement, brick chips and sand of F.M. 1.2	Cum	1200	6647.00	7,979,665.34	7.98
3	7.3.1	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having minimum f _{cr} = 30 MPa, satisfying a specified compressive strength f _c = 25 MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type – I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer machine with hopper, fed	Cum	5106	12154.00	62,052,702.78	62.05

Sl. No.	PWD SOR/2018	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
		by standard measuring boxes or mixing in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and cylinders as required, other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Individual & combined footing, pile cap, raft/mat, floor slab and foundation beam up to plinth level					
4	8.1.2	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively : up to ground floor.	Kg	459498	82.00	37,678,866.75	37.68
5	7.9.2	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane, to make the concrete surface true to the designed shape and size by using necessary MS sheets of minimum 16 BWG, angles of minimum size 40 mm x 40 mm x 5 mm, flat bars etc.) and removal of form for: In raft/mat/floor slab up to plinth level	Sqm	1656	434.00	718,638.90	0.72
6	7.9.4	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane, to make the concrete surface true to the designed shape and size by using necessary MS sheets of minimum 16 BWG, angles of minimum size 40 mm x 40 mm x 5 mm, flat bars etc.) and removal of form for: Pedestal, column, column capital, lift wall and wall up to ground floor	Sqm	2070	408.00	844,483.50	0.84
7	7.9.7	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane, to make	Sqm	1380	532.00	734,093.50	0.73

Sl. No.	PWD SOR/2018	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
		the concrete surface true to the designed shape and size by using necessary MS sheets of minimum 16 BWG, angles of minimum size 40 mm x 40 mm x 5 mm, flat bars etc.) and removal of form for: Floor and roof slab up to ground floor					
Total cost in Million Taka							113.40

Table 170: Cost abstract for landscaping & greenery along road

Sl. No.	PWD SOR/2018	Description	Unit	Quantity	Rate in Taka	Amount	Amount in Million Taka
1	25.2	Preparation of ground to make ready for plantation by spading the ground to a depth of 150 mm to 230 mm beyond 38 mm deep scrapped ground by spade, breaking earth clods to powder by hammers, picking up all sorts of rubbish, unwanted grasses by suitable tools, carrying and spreading the surplus earth into low lying area including supply of tools and plants etc. all complete and accepted by the Engineer-in-charge.	Sqm	125952	20.00	2,519,030.00	2.52
2	25.5	Supply well decomposed cow dung carried by trucks or any other means including loading, unloading at both ends, stacking the same at site including supply of tools and plants etc. all complete and accepted by the Engineer-in-charge	Cum	3149	1507.00	4,745,222.76	4.75
3	25.8	Supply of lawn grass of approved quality by truck or by any other means, sorting the grass to proper size, washing the grass, dibbling the grass 6 mm to 50 mm apart, irrigation of lawn area till the grass grown at least for two months after plantation, weeding the undesirable grass, mowing the lawn grass by lawn mower up to two months after plantation, applying urea fertilizer on the lawn surface @ 1 kg per 9.29 sqm including supply of tools and plants etc. all complete and accepted by the Engineer-in-charge.	Sqm	125952	54.00	6,801,381.00	6.80
Total Cost in Million Taka							14.07

15.24. Annexure 24 – Offsite Infrastructure cost estimates

Table 171: Cost abstract for access road - Embankment

Item. No	BPWD Item. Code/ Market rate	Description	Unit	Qty	Rate in Tk	Amount
1	2.1	Earth work in excavation in all kinds of soil for foundation trenches including. layout, providing center lines, local benchmark pillars, leveling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer, subject to submit method statement of carrying out excavation work to the Engineer for approval. However, Engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract.				
	2.1.1	Layout and marking for earthwork in excavation in foundation accepted by the Engineer. [Plinth area of the structure shall be considered for measurement]				
		Formation for road embankment	Sqm	Sqm	7,200.00	
			Sqm	Sqm	7,200.00	21.77
2	LGED - 2.02.2	EFW(AE): Earth filling work with specified soil in any type of embankment including cutting, carrying, filling by throwing earth in layers not more than 150mm in each layer in proper alignment, grade, camber and side slope in all types of soil except rocky, gravelly and slushy including benching not more than 30cm in vertical and 60cm in horizontal steps along the sides while widening any embankment, etc. all complete as per the direction of E-I-C. Earth shall be arranged by the contractor at his own cost and it will include all necessary lead & lift. Payment will be made on the basis of compacted volume.	Cum			

Table 172: Cost abstract for access road

Sl. No.	Description	Unit	Quantity	Rate in Taka as per SoR	Amount	Amount in million Taka
1	[RHD-2/1/01] Clearing & grubbing	sqm	30000	55	1650000	1.65
2	(RHD-2/2/02) Roadway Excavation in Suitable soil	cum	10318	144	1485792	1.485792
3	[RHD-2/7/02] Preparation of Subgrade	sqm	30000	40	1200000	1.2
4	[RHD-2/8/01] Improved Subgrade (Sand F.M >0.80)	cum	3850	1099	4231150	4.23115
5	[RHD-2/6/02] Earth filling work. (Filling in embankment, ditches, widening at intersection & curves.) Contractors arranged land	cum	810	397	321570	0.32157
6	[RHD-03/02/01 (b)] Sub-Base (Sand F.M >1.0 and Brick Khoa <40 mm)	cum	4620	5363	24777060	24.77706
7	(MR, Based on RHD_03/03/02b) Aggregate base type-II	cum	4620	7384	34114080	34.11408
8	(RHD-03/03/01b) Aggregate base type-I	cum	3850	8461	32574850	32.57485
9	[RHD-03/06/1a] Bituminous Prime Coat (Plant Placed)	sqm	15400	113	1740200	1.7402
10	[RHD-03/07/1a] Bituminous Tack Coat (Plant Work)	sqm	30800	50	1540000	1.54
11	[RHD-03/10/1 (b)] 155 mm Dense Bituminous surfacing-base course (Plant Method) Bitumen Grade 60/70 (Coarse sand F.M >2.5, Crushed boulder/gravel aggregate <25 mm etc.	cum	2387	22133	52831471	52.831471
12	[RHD_03/10/02 (b)] 40 mm Dense bituminous surfacing wearing course (Plan method) bitumen grade 60/70	cum	616	23295	14349720	14.34972
Total Cost in Million Taka						170.815893
Total road length						1000
Cost of road per Rm						0.170815893
Description of items		Unit	Quantity	Rate (Million BDT)	Total amount (Million BDT)	
		a	b	c	d=bx c	
Construction of access road		km	0.15	170.82	25.62	

Table 173: Cost abstract for external power line

Remarks/ PWD SCHEDULE 2018 Item no	Description of items	Unit	Quantity	Rate (BDT)	Total amount (BDT)	Total amount (in million Taka)
		a	b	c	d=bxc	
BPDB	Supply, installation/ construction and testing & commissioning work of double circuit 33 kV line.	km	2	4000000.00	8,000,000.00	8.00
BPDB	Supply, installation/ construction and testing & commissioning work of double circuit 132kV transmission line.	km	2	22,000,000.00	44,000,000.00	44.00

Table 174: Cost abstract for street lighting system

Item no.	Item name	Description of items	Unit	Quantity	Rate	Total Amount	Remarks/ PWD SCHEDULE 2018 Item no
			a	b	c	d=bxc	
1	Cable work (through PVC pipe)	Underground wiring: Providing & laying of the following XLPE insulated & PVC sheathed cable (N2XY) with PVC insulated green/white coloured ECC wire (BYA) connecting at both ends, through PVC pipe & accessories in the following manner: All electrical contacts shall be of brass/copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to relevant IEC/BDS/BS/VDE standards and as per detailed specification mentioned in Annexure-A. The work shall be carried out as per direction/ approval/ acceptance of the Engineer. <i>With cable manufactured by M/S BRB/ Paradise/ Poly/ Citizen/BBS/Super sign cables Ltd.</i>					
		i) In kutchra ground by cutting 45.70 cm width x 91.40 cm depth trench with necessary brick or tile protection and mending the damages good by refilling trench with proper compaction.					
		ii) In pucca floor through PVC pipe by cutting trench of necessary size and mending the damages good by brick soling, 75 mm (1:2:4) CC work with neat cement finishing etc.					
		1C-2 x 16 sq.mm (N2XY) with 35 sq.mm (BYA) ECC wire through PVC pipe of minimum inner dia 40 mm having wall thickness of 1.9 mm.					
		In katchra ground	meter	588.00	1205.00	708540.00	
		In pucca floor	meter	245.00	1294.00	317030.00	
2	Concealed wiring (BYM)	1C-4 x 25 sq.mm (N2XY) with 35 sq.mm (BYA) ECC wire through PVC pipe of minimum inner					

Item no.	Item name	Description of items	Unit	Quantity	Rate	Total Amount	Remarks/ PWD SCHEDULE 2018 Item no
			a	b	c	d=bx c	
		dia 50 mm having wall thickness of 2.59 mm. The work shall be carried out as per direction & approval of the Engineer.					
		In katcha ground	meter	312.00	1,844.00	575,328.00	
		In pucca floor	meter	62.60	1,927.00	120,630.20	
3	STREET LIGHT FITTINGS (LED)	Supply & fixing of LED street light fitting of the following features and model with all necessary elements such as driver, chips etc. complete. Model & sample shall be approved by the Engineer.					
		(i) GLORIA cat No- GLST. 1205 or equivalent product of ENERGY +, SUNKO, etc. (ii) Rated life : 50,000 hr (minimum) (iii) Luminux flux : 100 + 1m/w (iv) LED chips: EDISON/EPISTOR/OSRAM/PHILIPS/CREE /BRIDGELUX. (v) Driver: MEANWELL/OSRAM/PHILIPS/IEC standard. (vi) Body: Tempered glass pure Aluminium.					
		100 W	each	50.00	9,358.00	467,900.00	6.A.8.(iii).(a).1
		150 W	each	10.00	11,773.00	117,730.00	6.A.8.(iii).(a).2
4	GI POLE	Providing following seamless hot dip galvanized GI pole fabricated with GI pipe complete with GI sockets, MS. base plate, top cover, necessary welding as required:-The length of the bracket shall be such that the end of light fixture will be 1.5meter (approx.) from the light column. A junction box to be installed at botton level of the pole fabricated from 2.0mm (min.) mild steel sheet and hot deep galvanized complete with cover including termination unit, circuit breaker and earthing					

Item no.	Item name	Description of items	Unit	Quantity	Rate	Total Amount	Remarks/ PWD SCHEDULE 2018 Item no
			a	b	c	d=bx c	
		terminal etc. The work shall be completed as per drawing and direction of the Engineer.					
		Total length-30'(9m), Botton-150mm, Top-100mm, Thikness-4.0mm, Base plate-300mmx300mm with 12mm th.	each	30	24149	724470	3.2.3
		Total length-25'(8m), Botton-150mm, Top-100mm, Thikness-4.0mm, Base plate-300mmx300mm with 12mm th.	each	2	19319	38638	3.2.4
5	Anchor Bolt	Supply and fixing of galvanized anchor bolts of variable dia for rigid frame conforming to ASTM F1554 Grade 55, Galvanized to A153, Class C or equivalent with minimum yield strength of 380 MPa, as per manual of steel construction by American Institute of Steel Construction (AISC) etc. including the cost of washer & bolts, material testing etc. all complete as per drawing, specification and direction of the Engineer-in-charge. Length-400mm, Dia -20mm, Bend length-100mm, Thred length-75mm with Nut, Washer.	kg	202	180	36360	10.1(Civil)
6	FORMWORK (Wooden)	Centering and shuttering, including strutting, propping etc. and removal of form after hardening of the concrete for: Padestals, column, wall					
			sqm	136.60	429.00	58,601.40	07.15.3(Civil)
7	Re-Bar work	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 450 MPa and whatever is the yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total	kg	2749.60	82.00	225467.2	08.1.2(Civil)

Item no.	Item name	Description of items	Unit	Quantity	Rate	Total Amount	Remarks/ PWD SCHEDULE 2018 Item no
			a	b	c	d=bx c	
		elongation at maximum force is 16% and 8% respectively : up to ground floor.					
8	Earth work	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing center lines, local bench-mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer-in-charge, subject to submit method statement of carrying out excavation work to the Engineer-in-charge for approval. However, engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract. Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in very soft / saturated / organic clayey soil / soil of semi-liquid state.	Cum	82.80	217.00	17967.6	02.1.5 (Civil)
9	Back filling	Earth filling in foundation trenches and plinth in 150 mm layer with earth available within 90 m of the building site to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) including carrying, watering, levelling, dressing and compacting to a specified percentage each layer up to finished level etc. all complete and accepted by Engineer-in-charge.	Cum	70.54	149.00	10510.46	2.13 (Civil)
10	C.C. Work	Mass concrete (1:3:6) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to	Cum	3.22	6,647.00	21403.34	03.4.1 (Civil)

Item no.	Item name	Description of items	Unit	Quantity	Rate	Total Amount	Remarks/ PWD SCHEDULE 2018 Item no
			a	b	c	d=bxc	
		required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by the Engineer-in-charge.(Cement: CEM-II/A-M) Mass concrete in foundation (1:3:6) with cement, brick chips and sand of F.M. 1.2					
11	RCC work	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having minimum fcr = 30 MPa, satisfying a specified compressive strength f _c = 25 MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type – I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded stone chips conforming to ASTM C-33, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer machine with hopper, fed by standard measuring boxes or mixing in batching plant, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, testing charges of materials and concrete cylinders as required, cost of all materials and other charges etc. all complete, approved and accepted by the Engineer-in-charge. (Rate is excluding the cost of reinforcement and its fabrication, placing,					07.3.1(Civil)

Item no.	Item name	Description of items	Unit	Quantity	Rate	Total Amount	Remarks/ PWD SCHEDULE 2018 Item no
			a	b	c	d=bx c	
		binding etc. and the cost of shuttering & centering)					
		Individual & combined footing, pile cap, raft/mat, floor slab and foundation beam up to plinth level	cum	15.00	12154.00	182310.00	
12	GI Pipe for light bracket	G.I pipe 50mm dia	meter	280.00	410.00	114800.00	PWD-EM - ANALYSIS-38
13	MCB Box	Supplying and fixing of almirah type 18 SWG metal board of depth 228mm (6") duly painted with powder coating with epoxy polyester resin on all surfaces of board (gray / off-white) having built in push type / suitable locking arrangement including metal bridges of suitable size for fixing of all electrical control devices complete with suitable anchoring arrangement in wall / column and keeping provision for cable inlets and exits as required (only front surface of the board will be considered for measurement). (Manufactured by RECO / NASCO / C&S or equivalent product of any other manufacturer)					
		With watertight arrangement.	sqm	5.3200	16240.00		4.9.2
	DB	Supply & installation of outdoor type distribution board made of epoxy powder coated 14 SWG sheet steel with hinge type double doors having built in flash type locking arrangement, complete with copper bus bars (phases & nentral), copper earthing bars and indicating lamps in conformity to the distribution boards ratings as detailed below. The box shall be double door type i.e. one cover door inside through which knobs of MCB/MCCB's are accessible and no live part shall be accessible to an operator. The rate shall include supply & installation of					

Item no.	Item name	Description of items	Unit	Quantity	Rate	Total Amount	Remarks/ PWD SCHEDULE 2018 Item no
			a	b	c	d=bx c	
		MCB/MCCB, magnetic contractor (Siemens/Dorman Smith/Schneider/Eaton), photo cell, timer etc. The work shall be complete in all respect as per specifications, drawing and direction of the Engineer-in-Charge. Sufficient gap must be maintained between bus bars and back side of the box. The item also includes the fixing of the cable lugs for distribution cables as per drawing and direction of the Engineer-in-Charge.					
		Box size : 650mm x 750mm x 150mm, Busbar: 120A SPN & E;Incoming: 63A SP/DP MCB;63A SP/DP Magnetic Contractor; Photo Cell & Timmer; Outgoing: up to 5x 30 A TP MCB (minimum 6 KA)	Set	1.00	50000.00	50000.00	
	Auto Controller	Supplying and fixing of almirah type 18 SWG metal board of depth 228mm (6") duly painted with powder coating with epoxy polyester resin on all surfaces of board (gray / off-white) having built in push type / suitable locking arrangement including metal bridges of suitable size for fixing of all electrical control devices complete with suitable anchoring arrangement in wall / column and keeping provision for cable inlets and exits as required. Magnatic contractor -38A (Ith 60A) magnetic contactor -1nos, Tharmal over load Relay-24-36A ,Photo cell -2 nos, TPMCB-50A-1Nos, Internal wiring,Phase indicator, all complete, approved and accepted by the Engineer-in-charge. MCB-2499,MC-12225,OLR-2777,Box 1 sqm-16240.	each	2.00	50,000.00		
16	Earthing	Earthing the electrical installation with 40 mm (1.5") dia G.I. pipe (earth electrode) having 6.35 mm. dia hole across the pipe at 305 mm.					

Item no.	Item name	Description of items	Unit	Quantity	Rate	Total Amount	Remarks/ PWD SCHEDULE 2018 Item no
			a	b	c	d=bxc	
		interval securely bonded by soldering with 2 nos. of No-2 SWG HDDB earth leads (at the top of the electrode) with its protection by 20 mm. (3/4") dia G.I. pipe up-to plinth level run at a depth of 609.6 mm (2 ft.) below G.L up-to main board to be earthed including necessary connecting copper sockets, bolts, nuts, etc. complete for maintaining earth resistance within 1 ohm.					
		Depth of bottom of main electrode at 37338 mm. (122.5 ft) from GL & length of electrode 36576 mm. (120 ft).	per set	1.00	42,261.00	42,261.00	4.17 (vi)
	Connecting wire	Providing and drawing No.2 SWG HDDB wire through 20mm (3/4") dia G.I. pipe including fitting, fixing the G.I. pipe in wall or column complete as required.	meter	25.00	614.00	15,350.00	
17	Earth Pit	Construction of earthing inspection pit inside measurement 600 mm x 600 mm with 250 mm thick brick in cement mortar (1:4) with 100mm thick RCC top slab (1:2:4) with 1% reinforcement 450 mm dia water sealed CI man-hole cover with locking arrangement including necessary earth works, site filling and one brick flat soling 75 mm thick (1:3:6) base concrete for making inlet channel & 12mm thick (1:2) cement plaster with neat finishing etc. all complete up to a depth of .75 meter.	each	1.00	6,037.00	6,037.00	4.18
						3,851,334.20	
		Road length considered	650	m			
		Road width considered	30	m			
		Carriageway width considered	7.5	m			
		Per m cost for streetlight	5,925.13				
		Description of items	Unit	Quantity	Rate (BDT)	Total amount (BDT)	Total amount in Million Taka

Item no.	Item name	Description of items	Unit	Quantity	Rate	Total Amount	Remarks/ PWD SCHEDULE 2018 Item no
			a	b	c	d=bxc	
		Supply and installation of streetlight-Approach road (Off site road)	meter	150	5925.13	888769.43	0.89

Table 175: Cost abstract for external water supply

Sl. No.	Description	Nos.	Quantity	Unit	Rate (Tk)	Amount (Tk)
1	Earth work in excavation in all kinds of soil for foundation trenches including layout, providing centre lines, local bench mark pillars, levelling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc., all complete and accepted by the Engineer, subject to submit method statement of carrying out excavation work to the Engineer for approval. However Engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract		29748	Cum	100	2,974,800.00
2	Reinstating the road surface to its original WBM condition wherever disturbed.		125256	Sqm	40	5,010,240.00
3	Supplying, Loading & Transporting Ductile Iron pipes (Class K7) and specials, unloading, lowering in trenches, laying (CI as per standards) with ordinary bedding and jointing with tyton joints, with EPDM rubber rings (Type II) flanged joints, with rubber gaskets ,pipes and specials, joints in chambers, including providing all jointing materials as per specifications, testing the pipeline for specified heads and leakages and disinfecting before commissioning complete					
	Spun D.I. pipe 200 mm diameter		19600	Rm	7,800	152,880,000.00
	Spun D.I. pipe 125 mm diameter		430	Rm	4,800	2,064,000.00
4	Providing, installing, jointing to pipelines, testing and commissioning. Butterfly Valves, Sluice Valves, Kinetic Double Air Valves with isolating Sluice Valves, Scour Valves with all jointing materials, gaskets, bolts, nuts, inclusive of dismantling pieces, washers, rubber gaskets as per standards etc. complete as per drawing and specifications provided.					
a	C.I Kinetic Double Air Valves					

Sl. No.	Description	Nos.	Quantity	Unit	Rate (Tk)	Amount (Tk)
	80mm valve on 225-350mm. Dia. Pipe, rating 10kg/cm ²		16	Nos.	50,000	800,000.00
b	C.I Sluice Valve					
	200 mm. dia. pipe rating 10 kg/cm ²		9	Nos.	30,000	270,000.00
	125 mm. dia. Pipe rating 10 kg/cm ²					
c	C.I Scour (Gate) Valve including drain pipe of diameter equivalent to that of Scour valve of about and 6 m. length					
	350 mm. dia. pipe rating 10 kg/cm ²		5	Nos.	50,000	250,000.00
d	Pressure reducing valve of diameter equivalent to that of pipe diameter at the entry point of sump		3	Nos.	40,000	120,000.00
5	Providing and constructing rectangle / square valve chambers as per drawing including bed concrete, masonry in C.M. 1:4, plaster in C.M. 1:4 rough finish on external surfaces and smooth cement finish on internal surfaces, pre-cast covers, joint for inlet and outlet in the masonry, providing RCC NP2 drain pipe 150 mm. dia. of about 6 m. length from chamber to nearest storm drain, testing for water tightness etc. complete including de-watering whenever required					
a	For air valves					
	Chamber size (Inner) 2.2 m. x 1.2 m. for air valve on pipe of dia 300 mm to 500 mm.		18	Nos.	20,000	360,000.00
b	For Sluice Valves					
	Chamber size (Inner) 2.2 m. x 1.2 m. for Sluice valve on pipe of dia. 200 to 500 mm.		7	Nos.	20,000	140,000.00
c	For Scour Valves					
	Chamber size (Inner) 2.2 m. x 1.6 m. for scour valve on pipe of dia 300 mm to 350 mm.		7	Nos.	22,000	154,000.00
d	For pressure reducing valve					
	Chamber size (Inner) 2.2 m. x 1.6 m. for pressure reducing valve on pipe of dia 300 mm to 350 mm.		1	Nos.	22,000	22,000.00
6	Providing and placing P.C.C. M-15 for thrust blocks at bends of water mains and junctions including necessary shuttering, curing etc. all complete		45	Nos.	13,000	585,000.00

Sl. No.	Description	Nos.	Quantity	Unit	Rate (Tk)	Amount (Tk)
7	Electromagnetic flow meter of suitable model with hard rubber liner, SS316 electrode, SS 304 Coil Housing, SS 316 Grounding Ring, Flanged connection with IP 68 protection with suitable electronics components for input power supply of 230 V AC and output of 4- 20 MA DC with flow indicator and totaliser of 350 mm DIA		2	Nos.	350,000	700,000.00
	One layer of brick flat soling in foundation or floor with first class brick or picked jhama bricks including preparation of bed and filling the interstices with local sand, levelling, etc., complete and accepted by engineer.		694	sqm	355	246,214.69
	Lime Soil		520	cum	3,484	1,812,310.02
	Anti-Corrosion		2694	sqm	853	2,298,572.88
	Total pumping main length		20.03	KM		
	Amount in Taka		170,687,137.59	Taka		
	Cost per KM		8,521,574.52	Taka		
		In Million	8.52	Taka		
					Unit in Km	Amount in Million Taka
Total cost for external water supply in Million Taka					1	8.52

Table 176: Cost abstract for boundary wall

Sl. no.	Item no. (BNBC)	Description	Quantity	Unit	Rate in Tk	Amount in Tk
1	9.1	Boring / drilling for cast in situ under reamed piles up to the required depth and diameter with minimum 6 m long temporary steel casing, true to vertical, providing bentonite slurry and maintaining water level in the hole, washing the hole for atleast 30 minutes, clean the bore-hole and make the bore-hole ready for placing steel cage and concreting including hire charge of rig set with winch machine, tripod stand, trimie pipe, cost of fuel, lubricant, mobilization, demobilization, maintenance, spares, stand-byes, insurance coverage, water, electricity and other charges all compete approved and accepted by the Engineer. Before commencing boring operation contractor shall submit the method statement of cast-in-situ pile work including sequence of boring and casting, disposal of spoils, test result of materials to the Engineer for approval. However, Engineer's approval shall not relieve the contractor of his responsibilities and obligations under contract.				
	9.1.1.1	400 mm dia pile	16,130.00	Meter	536.00	8645680.00
2		Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per standards to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.				
		400 mm dia pile	2,565.00	Cum	11,578.00	29697570.00
3	9.6	Labour for breaking head of hardened cast in situ bored pile/pre-cast pile up to a required length by any means but without damaging the rest and removing the dismantled materials such as concrete to a safe distance including scraps and cleaning	154.00	Cum	3,603.00	554862.00

Sl. no.	Item no. (BNBC)	Description	Quantity	Unit	Rate in Tk	Amount in Tk
		concrete from steel/M.S. rods, straightening and bending of pile bars, preparation and making platform where necessary, carrying, all sorts of handling, stacking the same properly after clearing, leveling and dressing the situ and clearing the bed etc. complete in all respects and accepted by the Engineer. (Measurement will be given for the actual pile head volume to be broken)				
4		Providing and injecting the unslaked lime slurry shall be a filled with bore. Proportion unslaked lime within the range of 1% volume of soil and closed with sand gunny bags or stone slabs including necessary tools, plants, machinery and all related operations as required to complete the work as per drawings and Specifications with all leads, lifts etc. all complete and accepted by the Engineer-in-charge.				
		38 kg perpile	122,588.00	Kg	12.00	1471056.00
5		Lime soil mix filling in foundation trenches and plinth in 150 mm layers, proportion of lime soil mix 1:4 including leveling, by ramming each layer up to finished level as per design supplied by the design office only etc. all complete and accepted by the Engineer.				
			742.50	Cum	2,918.00	2166615.00
6	9.7	Conducting static load test as per ASTM D1143 or equivalent standard for the cast - in - situ / pre - cast pile providing required scaffolding, bracing, jacks, pressure test gauge, loading, unloading, Kentledge and other plants and equipment including staging, mobilization, demobilization, hire charge, gunny bags, sand and filling sacs / gunny bags for loading, record readings and preparation of results in standard forms and other incidental charges per standard practice and procedures including submission of load test report, furnishing all graph and chart, etc., complete in all respects approved and accepted by the				

Sl. no.	Item no. (BNBC)	Description	Quantity	Unit	Rate in Tk	Amount in Tk
		Engineer (minimum two cyclic loading, one at service load and another cycle at double the load of service load then to continue loading till failure of the pile). Before commencing load test, contractor shall submit method statement for conducting load test to the Engineer for approval. However, Engineer's approval shall not relieve the contractor of his responsibilities and obligations under contract.				
		Load test and report shall be conducted under the supervision of a professional Geotechnical Engineer registered in BPERB or Geotechnical Firm registered in PWD. Boring and pouring logs / driving logs of piles and method statement shall be the part of load test report. (Rates on load test under the supervision of experts in the laboratory of universities and HBRI can be found in Chapter - 32)				
		Initial test	2.00			
		Routine test	17.00			
	9.7.1	For design load tonne 1 no. of test	19.00	Per test	53,423.00	1015037.00
			2.00			
7	2.1	Earth work in excavation in all kinds of soil for foundation trenches including. layout, providing center lines, local benchmark pillars, leveling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder, providing necessary tools and plants, protecting and maintaining the trench dry etc., stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer, subject to submit method statement of carrying out excavation work to the Engineer for approval. However, Engineer's approval shall not relieve the contractor of his responsibilities and obligations under the contract.				
	2.1.1	Layout and marking for earthwork in excavation in foundation accepted by the Engineer. [Plinth area of the structure shall be considered for measurement]				

Sl. no.	Item no. (BNBC)	Description	Quantity	Unit	Rate in Tk	Amount in Tk
			2,700.00	Sqm	11.00	29700.00
8	2.1.2	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in soft clayey soil / loose sand / silt.				
		Plinth beam	4,387.65	Cum		
			4,387.60	Cum	67.00	293969.20
9	2.10.1	Sand filling in foundation trenches and plinth with sand having F.M. 0.5 to 0.8 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 90% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only etc. all complete and accepted by the Engineer.				
		Plinth beam	675.02	Cum	602.00	406363.55
10	3.4.	Mass concrete (1:3:6) in foundation with cement, sand (F.M. 1.2) and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days including the supply of water, electricity and other charges and costs of tools and plants etc. all complete and accepted by the Engineer. (Cement: CEM-II/A-M)				
	3.4.1	Mass concrete in foundation (1:3:6) with cement, brick chips and sand of F.M.1.2				
		Plinth beam	675.02	Cum	6,319.00	4265467.18
11		Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per standards to accelerate, retard setting of				

Sl. no.	Item no. (BNBC)	Description	Quantity	Unit	Rate in Tk	Amount in Tk
		concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.				
	7.6.4	Pedestals, column, column capitals, lift walls and walls up to ground floor				
	7.6.4.1	Concrete				
		For column	2,525.96			
			2,525.96	Cum	10,626.00	26840829.71
12	7.6.4.2	Formwork/shuttering, prop and necessary supports etc. (steel)				
		For column	19,646.34	Sqm		
			19,646.34	Sqm	373.00	7328084.82
13	7.6.5	Tie beam and lintels : Ground floor				
	7.6.5.1	Concrete				
		Plinth beam	810.00	Cum		
		leveling coarse for between column @ mid of 125 mm thick brick wall	71.74	Cum		
		Reinforced coping concrete	71.74	Cum		
			953.49	Cum	10,929.00	10420640.98
14	7.6.5.2	Formwork/shuttering, prop and necessary supports etc. (steel)				
		Plinth beam	5,400.00	Sqm		
		leveling coarse for between column @ mid of 125 mm thick brick wall	1,147.88	Sqm		
		Reinforced coping concrete	1,147.88	Sqm		

Sl. no.	Item no. (BNBC)	Description	Quantity	Unit	Rate in Tk	Amount in Tk
			7,695.77	Sqm	380.00	2924390.70
15	4.16	125 mm brick works with first class bricks in cement sand (F.M. 1.2) mortar (1:4) and making bond with connected walls including necessary scaffolding, raking out joints, cleaning and soaking the bricks for at least 24 hours before use and washing of sand curing at least for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer.(Cement: CEM-II/A-M)				
		Above NGL	21,044.51			
			21,044.51	Sqm	837.00	17614257.00
16	8.1	Supplying, fabrication and fixing to details as per design deformed bar reinforcement in concrete in accordance with BDS 1313 : 1991 standard including straightening and cleaning rust, if any, bending and binding in position including supply of G.I. wires etc. complete in all respects and accepted by the Engineer.				
	8.1.2	Grade 400 (RB 400 / 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh Standard, with minimum yield strength fy (ReH) = 400 Mpa but fy not exceeding 418 MPa and whatever is the yield strength within allowable limit as per BNBCsec 8.3.3.5 / ACI 318-11 sec 21.1.5.2, the ratio ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 16% and 8% respectively : up to ground floor.				
		Pile	307,800.00	Kg		
		For column	290,485.17	Kg		
		Plinth beam	60,750.00	Kg		
		leveling coarse for between column @ mid of 125 mm thick brick wall	6,580.00	Kg		

Sl. no.	Item no. (BNBC)	Description	Quantity	Unit	Rate in Tk	Amount in Tk
		Reinforced coping concrete	6,580.00	Kg		
			672,195.17	Kg	85.00	57136589.45
17	15.1	Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to wall both inner and outer surface, finishing the corner and edges including washing of sand cleaning the surface, scaffolding and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by the Engineer.				
		For column	28,788.02	Sqm		
		For wall	46,297.93	Sqm		
			75,086.00	Sqm	214.00	16068404.00
18	16.3	Cement paint of approved quality and colour delivered from authorized local agent of the manufacturer in a sealed container, made water based powder mixed with water (1:1), applying first coat, curing the same after six hours for 24 hours, second coat applied and curing the same for 7 (seven) days etc, taking care and cleaning the surface fully from grease, oily substances, old paint, lime wash, fungus, algae etc., sand papering the surface before applying 1st and 2nd coat, complete including cost of electricity, water and other changes etc. complete in all floors and accepted by the Engineer.				
		Same as plastering quantity	75,086.00	Sqm		
			75,086.00	Sqm	128.00	9611008.00
19		Providing band course work flat 10 mm thick and 50 mm deep with cement mortar 1:3 (1 cement and 3 river sand) including				

Sl. no.	Item no. (BNBC)	Description	Quantity	Unit	Rate in Tk	Amount in Tk
		rendering smooth, curing, etc., complete as directed during execution.				
		Boundary wall top level	9,807.00	Meter	129.00	1265103.00
20	21.7	Supplying, fitting and fixing 12 BWG barbed wire (2 ply, 4 points) in fencing work @ 150 mm c/c in both horizontally and vertically, supported by 38 x 38 x 6 mm M.S. angle post (300 mm embedded in R.C.C or in brick work with a cement concrete base of 75 x 75 x 300 mm) 600 mm vertical and 450 mm inclined or as per requirement @ 2.5 m c/c including straightening, binding the joints with 18 BWG wire making holes in the angle etc. including supplying of all necessary materials complete in all respect and accepted by the Engineer. (Rate is excluding the cost of R.C.C or brick work or C.C which is to be paid as per corresponding items in the schedule)				
		Horizontal barbed wire	9,450.00	Sqm	760.00	7182000.00
21	19.5	Manufacturing, supplying, fittings and fixing G.I. pipe gate of any design and shape having 38 mm dia G.I. pipe outer frame and 19 mm dia G.I. pipe vertical member placed @ 75 mm c/c by welding at top and bottom of G.I. pipe frame, cutting the pipes in proper shape and size including making semicircular band at the corner of the outer frame without damaging the pipe, covering 50% of the gate area with 18 BWG M.S. sheet, providing also two extra horizontal 38 mm dia G.I. pipes welded with vertical post, providing 6 nos. huskle domney with R.C.C. or R.C.C core pillar with cement concrete (1:2:4) in masonry including cutting holes, mending the damages, making provision for minimum 0.61 m x 1.4 m pocket gate having its outer frame and inner vertical members made with 19 mm dia G.I pipe including necessary locking arrangements. Painting the gate with 2 (two) coats of synthetic enamel paint over a coat of anti-corrosive priming, welding as and where necessary including necessary locking arrangements and providing 2 nos. 16 mm M.S. socket bolts etc.	26.00	Sqm	9,307.00	241982.00

Sl. no.	Item no. (BNBC)	Description	Quantity	Unit	Rate in Tk	Amount in Tk
		all complete as per design and drawing and accepted by the Engineer. (Rate is excluding the cost of painting)				
22		Painting new iron work with one coat of approved primer. (ISI STD)				
		Gate	25.20			
		Fencing	617.84			
			644.00	Sqm	55.00	35420.00
					Total	205215029.58
					in Million (Tk)	205.2

Table 177: Cost abstract for gas supply network

Remarks/PWD SCHEDULE 2018 Item no	Description of items	Unit	Quantity	Rate (BDT)	Total Amount (BDT)	Amount in Million Taka
GTCL	Supply and installation of 8" dia external gas supply line	km	5	10000000.00	50000000.00	50

15.25. Annexure 25 – Financial Model Calculations – Case 1 (BEZA as the Master Developer) – Base Case

Profit and Loss Statement (BDT millions)										
Financial year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Revenue	0	0	287	205	255	377	362	461	583	571
O&M expenses	0	0	0	0	0	0	197	203	209	215
EBIDTA	0	0	287	205	255	377	166	258	374	356
Depreciation	0	0	0	0	0	329	329	329	329	329
EBIT	0	0	287	205	255	47	-164	-71	45	27
Interest	0	0	0	0	0	0	813	753	692	632
Profit before tax (PBT)	0	0	287	205	255	47	-977	-824	-648	-605
Tax	0	0	0	0	0	0	0	0	0	0
Profit after tax (PAT)	0	0	287	205	255	47	-977	-824	-648	-605

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
Revenue	644	1,080	1,190	402	446	446	446	494	494	494
O&M expenses	221	0	0	242	249	257	264	0	0	0
EBIDTA	423	1,080	1,190	160	197	189	181	494	494	494
Depreciation	329	329	329	329	329	329	329	329	329	329
EBIT	94	751	861	-169	-133	-140	-148	165	165	165
Interest	572	512	452	391	331	271	211	151	90	30

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
Profit before tax (PBT)	-478	239	409	-560	-464	-411	-359	14	75	135
Tax	0	0	0	0	0	0	0	0	0	0
Profit after tax (PAT)	-478	239	409	-560	-464	-411	-359	14	75	135

Financial year	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
Revenue	548	548	548	609	609	609	677	677	677	753
O&M expenses	0	0	0	0	0	0	0	0	0	0
EBIDTA	548	548	548	609	609	609	677	677	677	753
Depreciation	329	329	329	329	329	329	329	329	329	329
EBIT	219	219	219	280	280	280	348	348	348	424
Interest	0	0	0	0	0	0	0	0	0	0
Profit before tax (PBT)	219	219	219	280	280	280	348	348	348	424
Tax	0	0	0	0	0	0	0	0	0	0
Profit after tax (PAT)	219	219	219	280	280	280	348	348	348	424

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
Revenue	753	753	839	839	839	936	936	936	1,044	1,044
O&M expenses	0	0	0	0	0	0	0	0	0	0
EBIDTA	753	753	839	839	839	936	936	936	1,044	1,044
Depreciation	329	329	329	329	329	329	329	329	329	329

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
EBIT	424	424	510	510	510	606	606	606	715	715
Interest	0	0	0	0	0	0	0	0	0	0
Profit before tax (PBT)	424	424	510	510	510	606	606	606	715	715
Tax	0	0	0	0	0	0	0	0	0	0
Profit after tax (PAT)	424	424	510	510	510	606	606	606	715	715

Financial year	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49	Year 50
Revenue	1,044	1,167	1,167	1,167	1,306	1,306	1,306	1,463	1,463	1,463
O&M expenses	0	0	0	0	0	0	0	0	0	0
EBIDTA	1,044	1,167	1,167	1,167	1,306	1,306	1,306	1,463	1,463	1,463
Depreciation	329	329	329	329	329	329	329	329	329	329
EBIT	715	838	838	838	977	977	977	1,134	1,134	1,134
Interest	0	0	0	0	0	0	0	0	0	0
Profit before tax (PBT)	715	838	838	838	977	977	977	1,134	1,134	1,134
Tax	0	0	0	0	0	0	0	0	0	0
Profit after tax (PAT)	715	838	838	838	977	977	977	1,134	1,134	1,134

Cash Flows (BDT million)

Financial year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Cash Inflow										
PAT	0	0	287	205	255	47	-977	-824	-648	-605
Book depreciation	0	0	0	0	0	329	329	329	329	329
Equity infusion	312	1,677	831	769	511	200	0	0	0	0
Debt drawdown	727	3,914	1,939	1,795	1,193	467	0	0	0	0
Total cash inflow	1,039	5,591	3,058	2,769	1,959	1,043	-647	-495	-319	-276
Cash Outflow										
Capex	1,039	5,591	2,944	2,614	1,778	852	0	0	0	0
Dividend pay-out	0	0	0	0	0	0	0	0	0	0
Repayment (Principal)	0	0	0	0	0	669	669	669	669	669
Total cash outflow	1,039	5,591	2,944	2,614	1,778	1,521	669	669	669	669
Net Cash Generation	0	0	114	155	181	-478	-1,316	-1,164	-988	-945

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
Cash Inflow										
PAT	-478	239	409	-560	-464	-411	-359	14	75	135
Book depreciation	329	329	329	329	329	329	329	329	329	329
Equity infusion	0	0	0	0	0	0	0	0	0	0
Debt drawdown	0	0	0	0	0	0	0	0	0	0

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
Total cash inflow	-149	569	739	-231	-135	-82	-29	344	404	464
Cash Outflow										
Capex	0	0	0	0	0	0	0	0	0	0
Dividend pay-out	0	0	0	0	0	0	0	0	0	0
Repayment (Principal)	669	669	669	669	669	669	669	669	669	669
Total cash outflow	669	669	669	669	669	669	669	669	669	669
Net Cash Generation	-818	-100	70	-900	-804	-751	-698	-325	-265	-205

Financial year	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
Cash Inflow										
PAT	219	219	219	280	280	280	348	348	348	424
Book depreciation	329	329	329	329	329	329	329	329	329	329
Equity infusion	0	0	0	0	0	0	0	0	0	0
Debt drawdown	0	0	0	0	0	0	0	0	0	0
Total cash inflow	548	548	548	609	609	609	677	677	677	753
Cash Outflow										
Capex	0	0	0	0	0	0	0	0	0	0
Dividend pay-out	0	0	0	0	0	0	0	0	0	0
Repayment (Principal)	0	0	0	0	0	0	0	0	0	0
Total cash outflow	0	0	0	0	0	0	0	0	0	0
Net Cash Generation	548	548	548	609	609	609	677	677	677	753

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
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Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
Cash Inflow										
PAT	424	424	510	510	510	606	606	606	715	715
Book depreciation	329	329	329	329	329	329	329	329	329	329
Equity infusion	0	0	0	0	0	0	0	0	0	0
Debt drawdown	0	0	0	0	0	0	0	0	0	0
Total cash inflow	753	753	839	839	839	936	936	936	1,044	1,044
Cash Outflow										
Capex	0	0	0	0	0	0	0	0	0	0
Dividend pay-out	0	0	0	0	0	0	0	0	0	0
Repayment (Principal)	0	0	0	0	0	0	0	0	0	0
Total cash outflow	0	0	0	0	0	0	0	0	0	0
Net Cash Generation	753	753	839	839	839	936	936	936	1,044	1,044

Financial year	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49	Year 50
Cash Inflow										
PAT	715	838	838	838	977	977	977	1,134	1,134	1,134
Book depreciation	329	329	329	329	329	329	329	329	329	329
Equity infusion	0	0	0	0	0	0	0	0	0	0
Debt drawdown	0	0	0	0	0	0	0	0	0	0
Total cash inflow	1,044	1,167	1,167	1,167	1,306	1,306	1,306	1,463	1,463	1,463
Cash Outflow										
Capex	0	0	0	0	0	0	0	0	0	0
Dividend pay-out	0	0	0	0	0	0	0	0	0	0
Repayment (Principal)	0	0	0	0	0	0	0	0	0	0
Total cash outflow	0	0	0	0	0	0	0	0	0	0
Net Cash Generation	1,044	1,167	1,167	1,167	1,306	1,306	1,306	1,463	1,463	1,463

Balance Sheet (BDT million)

Financial year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Liabilities										
Equity	312	1,989	2,820	3,589	4,101	4,301	4,301	4,301	4,301	4,301
Reserves and Surplus	0	0	287	493	747	795	-182	-1,006	-1,654	-2,259
Long term loan	727	4,641	6,581	8,375	9,568	9,366	8,697	8,028	7,359	6,690
Total	1,039	6,630	9,688	12,457	14,416	14,461	12,815	11,322	10,006	8,732
Assets										
Net Block (long term asset- depreciation)	1,039	6,630	9,574	12,188	13,966	14,488	14,159	13,830	13,501	13,171
Cash and bank balance	0	0	114	269	450	-28	-1,344	-2,507	-3,495	-4,440
Total	1,039	6,630	9,688	12,457	14,416	14,461	12,815	11,322	10,006	8,732

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
Liabilities										
Equity	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301
Reserves and Surplus	-2,737	-2,498	-2,089	-2,649	-3,113	-3,524	-3,883	-3,868	-3,794	-3,659
Long term loan	6,021	5,352	4,683	4,014	3,345	2,676	2,007	1,338	669	0
Total	7,584	7,155	6,895	5,666	4,533	3,453	2,425	1,770	1,176	642
Assets										
Net Block (long term asset- depreciation)	12,842	12,513	12,183	11,854	11,525	11,196	10,866	10,537	10,208	9,878
Cash and bank balance	-5,258	-5,358	-5,289	-6,189	-6,992	-7,743	-8,441	-8,767	-9,032	-9,237
Total	7,584	7,155	6,895	5,666	4,533	3,453	2,425	1,770	1,176	642

Financial year	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
Liabilities										
Equity	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301
Reserves and Surplus	-3,440	-3,221	-3,001	-2,722	-2,442	-2,162	-1,814	-1,467	-1,119	-695
Long term loan	0	0	0	0	0	0	0	0	0	0
Total	861	1,080	1,299	1,579	1,859	2,139	2,486	2,834	3,182	3,606
Assets										
Net Block (long term asset- depreciation)	9,549	9,220	8,891	8,561	8,232	7,903	7,573	7,244	6,915	6,586
Cash and bank balance	-8,688	-8,140	-7,591	-6,982	-6,373	-5,764	-5,087	-4,410	-3,733	-2,980
Total	861	1,080	1,299	1,579	1,859	2,139	2,486	2,834	3,182	3,606

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
Liabilities										
Equity	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301
Reserves and Surplus	-271	154	663	1,173	1,683	2,289	2,896	3,502	4,217	4,932
Long term loan	0	0	0	0	0	0	0	0	0	0
Total	4,030	4,454	4,964	5,474	5,984	6,590	7,196	7,803	8,518	9,233
Assets										
Net Block (long term asset- depreciation)	6,256	5,927	5,598	5,269	4,939	4,610	4,281	3,951	3,622	3,293
Cash and bank balance	-2,226	-1,473	-634	205	1,044	1,980	2,916	3,851	4,896	5,940
Total	4,030	4,454	4,964	5,474	5,984	6,590	7,196	7,803	8,518	9,233

Financial year	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49	Year 50
Liabilities										
Equity	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301	4,301
Reserves and Surplus	5,648	6,486	7,324	8,161	9,138	10,115	11,092	12,226	13,360	14,494
Long term loan	0	0	0	0	0	0	0	0	0	0
Total	9,948	10,786	11,624	12,462	13,439	14,416	15,393	16,527	17,661	18,795
Assets										
Net Block (long term asset- depreciation)	2,964	2,634	2,305	1,976	1,646	1,317	988	659	329	0
Cash and bank balance	6,985	8,152	9,319	10,486	11,792	13,099	14,405	15,868	17,331	18,795
Total	9,948	10,786	11,624	12,462	13,439	14,416	15,393	16,527	17,661	18,795

FCFF Calculation (BDT million)

Financial year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
EBIT	0	0	287	205	255	47	-164	-71	45	27
Add: Depreciation	0	0	0	0	0	329	329	329	329	329
Less: IDC	-33	-242	-505	-673	-807	-852	0	0	0	0
Less: Tax paid	0	0	0	0	0	0	0	0	0	0
Less: Capex	-1,006	-5,350	-2,439	-1,941	-970	0	0	0	0	0
Free Cashflow to Fund	-1,039	-5,591	-2,657	-2,408	-1,523	-475	166	258	374	356
Retained Earnings	0	0	287	205	255	377	-647	-495	-319	-276
Cumulative Retained Earnings	0	0	287	493	747	1,124	477	-18	-337	-612
Retained Earnings used to fund opex	0	0	287	205	255	377	0	0	0	0
Retained Earnings available after funding opex	0	0	173	50	74	186	0	0	0	0
Retained Earnings used to fund project cost	0	0	173	50	74	186	0	0	0	0

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
EBIT	94	751	861	-169	-133	-140	-148	165	165	165
Add: Depreciation	329	329	329	329	329	329	329	329	329	329
Less: IDC	0	0	0	0	0	0	0	0	0	0
Less: Tax paid	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Free Cashflow to Fund	423	1,080	1,190	160	197	189	181	494	494	494
Retained Earnings	-149	569	739	-231	-135	-82	-29	344	404	464
Cumulative Retained Earnings	-761	-193	546	315	180	98	69	412	816	1,280
Retained Earnings used to fund opex	0	569	739	0	0	0	0	344	404	464
Retained Earnings available after funding opex	0	340	504	0	0	0	0	71	123	175
Retained Earnings used to fund project cost	0	340	504	0	0	0	0	71	123	175

Financial year	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
EBIT	219	219	219	280	280	280	348	348	348	424
Add: Depreciation	329	329	329	329	329	329	329	329	329	329
Less: IDC	0	0	0	0	0	0	0	0	0	0
Less: Tax paid	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Free Cashflow to Fund	548	548	548	609	609	609	677	677	677	753
Retained Earnings	548	548	548	609	609	609	677	677	677	753
Cumulative Retained Earnings	1,829	2,377	2,926	3,535	4,144	4,753	5,430	6,107	6,784	7,537
Retained Earnings used to fund opex	548	548	548	609	609	609	677	677	677	753
Retained Earnings available after funding opex	251	242	233	284	274	264	322	311	300	365
Retained Earnings used to fund project cost	251	242	233	284	274	264	322	311	300	365

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
EBIT	424	424	510	510	510	606	606	606	715	715
Add: Depreciation	329	329	329	329	329	329	329	329	329	329
Less: IDC	0	0	0	0	0	0	0	0	0	0
Less: Tax paid	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Free Cashflow to Fund	753	753	839	839	839	936	936	936	1,044	1,044
Retained Earnings	753	753	839	839	839	936	936	936	1,044	1,044
Cumulative Retained Earnings	8,291	9,044	9,883	10,722	11,562	12,497	13,433	14,368	15,413	16,457
Retained Earnings used to fund opex	753	753	839	839	839	936	936	936	1,044	1,044
Retained Earnings available after funding opex	353	341	415	402	389	472	458	444	538	523
Retained Earnings used to fund project cost	353	341	415	402	389	472	458	444	538	523

Financial year	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49	Year 50
EBIT	715	838	838	838	977	977	977	1,134	1,134	1,134
Add: Depreciation	329	329	329	329	329	329	329	329	329	329
Less: IDC	0	0	0	0	0	0	0	0	0	0
Less: Tax paid	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Free Cashflow to Fund	1,044	1,167	1,167	1,167	1,306	1,306	1,306	1,463	1,463	1,463
Retained Earnings	1,044	1,167	1,167	1,167	1,306	1,306	1,306	1,463	1,463	1,463
Cumulative Retained Earnings	17,502	18,669	19,836	21,004	22,310	23,616	24,922	26,385	27,849	29,312
Retained Earnings used to fund opex	1,044	1,167	1,167	1,167	1,306	1,306	1,306	1,463	1,463	1,463
Retained Earnings available after funding opex	507	614	597	580	701	683	664	802	783	762
Retained Earnings used to fund project cost	507	614	597	580	701	683	664	802	783	762

FCFE Calculation (BDT million)

Financial year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
EBIDTA	0	0	287	205	255	377	166	258	374	356
Less: Interest	0	0	0	0	0	0	-813	-753	-692	-632
Less: Tax	0	0	0	0	0	0	0	0	0	0
Less: Debt repayments	0	0	0	0	0	-669	-669	-669	-669	-669
Less: Capex	-1,039	-5,591	-2,770	-2,564	-1,704	-666	0	0	0	0
Add: Debt Investment	727	3,914	1,939	1,795	1,193	467	0	0	0	0
Free Cash Flow to Equity	-312	-1677	-544	-564	-257	-492	-1316	-1164	-988	-945

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
EBIDTA	423	1080	1190	160	197	189	181	494	494	494
Less: Interest	-572	-512	-452	-391	-331	-271	-211	-151	-90	-30
Less: Tax	0	0	0	0	0	0	0	0	0	0
Less: Debt repayments	-669	-669	-669	-669	-669	-669	-669	-669	-669	-669
Less: Capex	0	0	0	0	0	0	0	0	0	0
Add: Debt Investment	0	0	0	0	0	0	0	0	0	0
Free Cash Flow to Equity	-818	-100	70	-900	-804	-751	-698	-325	-265	-205

Financial year	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
EBIDTA	548	548	548	609	609	609	677	677	677	753
Less: Interest	0	0	0	0	0	0	0	0	0	0
Less: Tax	0	0	0	0	0	0	0	0	0	0
Less: Debt repayments	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Add: Debt Investment	0	0	0	0	0	0	0	0	0	0
Free Cash Flow to Equity	548	548	548	609	609	609	677	677	677	753

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
EBIDTA	753	753	839	839	839	936	936	936	1044	1044
Less: Interest	0	0	0	0	0	0	0	0	0	0
Less: Tax	0	0	0	0	0	0	0	0	0	0
Less: Debt repayments	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Add: Debt Investment	0	0	0	0	0	0	0	0	0	0
Free Cash Flow to Equity	753	753	839	839	839	936	936	936	1044	1044

Financial year	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49	Year 50
EBIDTA	1044	1167	1167	1167	1306	1306	1306	1463	1463	1463
Less: Interest	0	0	0	0	0	0	0	0	0	0
Less: Tax	0	0	0	0	0	0	0	0	0	0
Less: Debt repayments	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Add: Debt Investment	0	0	0	0	0	0	0	0	0	0
Free Cash Flow to Equity	1044	1167	1167	1167	1306	1306	1306	1463	1463	1463

15.26. Annexure 26 – Project Returns Calculations – Conservative and Aggressive scenarios – Case 1 (BEZA as the Master Developer)

Conservative case:

Scenarios	PIRR	EIRR	Avg. DSCR	BCR ³²⁸	NPV FCFF (in BDT million) #	NPV FCFE (in BDT million) #
Option 1: offsite and onsite infrastructure to be developed by BEZA	3.19%	2.55%	0.44	0.36	-7917.4	-5201.0
Option 2: offsite and onsite infrastructure to be financed by multilaterals	3.90%	4.09%	0.64	0.50	-5018.3	-3738.8
Option 3: offsite infrastructure to be developed through nodal agencies	3.46%	2.91%	0.47	0.38	-7261.8	-4703.0
Option 4: offsite infrastructure to be developed through nodal agencies and on-site infrastructure to be financed by multilaterals	4.19%	4.52%	0.68	0.52	-4370.0	-3316.2
Option 5: In addition to option 4, Cost of acquired land will not be considered in project cost	4.85%	5.45%	0.78	0.58	-3019.6	-2533.2
Option 6: offsite and onsite infrastructure to be developed through Nodal agencies	15.68%	33.29%	3.85	2.04	1839.0	1859.0

³²⁸ Weighted average cost of capital is used as discount factor in BCR calculations with cost of equity as 12%. Calculations pertaining to cost of equity of 10% and 15% have been furnished in Annexures of this report

NPV values with cost of equity as 10% and 15% have been furnished in Annexures

Aggressive case:

Scenarios	PIRR	EIRR	Avg. DSCR	BCR ³²⁹	NPV FCFF (in BDT million) #	NPV FCFE (in BDT million) #
Option 1: offsite and onsite infrastructure to be developed by BEZA	3.30%	2.87%	0.42	0.40	-7448.4	-4494.7
Option 2: offsite and onsite infrastructure to be financed by multilaterals	4.16%	4.67%	0.64	0.53	-4373.3	-3003.6
Option 3: offsite infrastructure to be developed through nodal agencies	3.59%	3.28%	0.47	0.42	-6824.4	-4033.1
Option 4: offsite infrastructure to be developed through nodal agencies and on-site infrastructure to be financed by multilaterals	4.47%	5.18%	0.69	0.56	-3743.8	-2607.3
Option 5: In addition to option 4, Cost of acquired land will not be considered in project cost	5.27%	6.47%	0.82	0.62	-2305.4	-1777.3
Option 6: offsite and onsite infrastructure to be developed through Nodal agencies	18.31%	47.50%	4.04	2.27	2305.7	2344.5

NPV values with cost of equity as 10% and 15% have been furnished in Annexures

³²⁹ Weighted average cost of capital is used as discount factor in BCR calculations with cost of equity as 12%. Calculations pertaining to cost of equity of 10% and 15% have been furnished in Annexures of this report

15.27. Annexure 27 – NPV and BCR Calculations – Case 1 (BEZA as the Master Developer)

Table 178: NPV (@ 10% cost of equity) calculations across scenarios – Case 1

Scenarios	NPV FCFF (in BDT million)			NPV FCFE (in BDT million)		
	Conservative	Base	Aggressive	Conservative	Base	Aggressive
Option 1: offsite and onsite infrastructure to be developed by BEZA	-7754.7	-7454.5	-7286.2	-5480.9	-5032.5	-4725.4
Option 2: offsite and onsite infrastructure to be financed by multilaterals	-4448.8	-3935.8	-3800.6	-3709.9	-3159.6	-2920.1
Option 3: offsite infrastructure to be developed through nodal agencies	-7085.3	-6897.5	-6646.4	-4912.2	-4572.2	-4188.0
Option 4: offsite infrastructure to be developed through nodal agencies and on-site infrastructure to be financed by multilaterals	-3787.3	-3413.1	-3156.3	-3232.5	-2799.3	-2466.5
Option 5: In addition to option 4, Cost of acquired land will not be considered in project cost	-2422.8	-1953.4	-1696.6	-2351.0	-1857.3	-1524.5
Option 6: offsite and onsite infrastructure to be developed through Nodal agencies	2196.9	2439.9	2669.5	2664.0	2936.1	3179.4

Source: Financial Model

Table 179: BCR (@ 10% cost of equity) calculations across scenarios – Case 1

Scenarios	BCR		
	Conservative	Base	Aggressive
Option 1: offsite and onsite infrastructure to be developed by BEZA	0.39	0.41	0.43
Option 2: offsite and onsite infrastructure to be financed by multilaterals	0.54	0.55	0.57
Option 3: offsite infrastructure to be developed through nodal agencies	0.41	0.43	0.45
Option 4: offsite infrastructure to be developed through nodal agencies and on-site infrastructure to be financed by multilaterals	0.56	0.58	0.60
Option 5: In addition to option 4, Cost of acquired land will not be considered in project cost	0.62	0.64	0.66
Option 6: offsite and onsite infrastructure to be developed through Nodal agencies	2.19	2.31	2.42

Source: Financial Model

Table 18o: NPV (@ 15% cost of equity) calculations across scenarios – Case 1

Scenarios	NPV FCFE (in BDT million)			NPV FCFE (in BDT million)		
	Conservative	Base	Aggressive	Conservative	Base	Aggressive
Option 1: offsite and onsite infrastructure to be developed by BEZA	-8086.9	-7790.9	-7619.1	-4661.8	-4288.3	-4028.2
Option 2: offsite and onsite infrastructure to be financed by multilaterals	-5677.6	-5188.3	-5039.8	-3547.8	-3107.8	-2892.4
Option 3: offsite infrastructure to be developed through nodal agencies	-7451.1	-7260.6	-7017.6	-4247.5	-3961.7	-3654.5
Option 4: offsite infrastructure to be developed through nodal agencies and on-site infrastructure to be financed by multilaterals	-5048.2	-4688.1	-4431.3	-3190.9	-2844.3	-2564.1
Option 5: In addition to option 4, Cost of acquired land will not be considered in project cost	-3719.4	-3281.0	-3024.2	-2523.1	-2144.0	-1863.7
Option 6: offsite and onsite infrastructure to be developed through Nodal agencies	1387.7	1622.8	1844.8	1134.8	1365.6	1573.7

Source: Financial Model

Table 181: BCR (@ 15% cost of equity) calculations across scenarios – Case 1

Scenarios	BCR		
	Conservative	Base	Aggressive
Option 1: offsite and onsite infrastructure to be developed by BEZA	0.33	0.35	0.37
Option 2: offsite and onsite infrastructure to be financed by multilaterals	0.45	0.47	0.49
Option 3: offsite infrastructure to be developed through nodal agencies	0.35	0.37	0.39
Option 4: offsite infrastructure to be developed through nodal agencies and on-site infrastructure to be financed by multilaterals	0.47	0.49	0.51
Option 5: In addition to option 4, Cost of acquired land will not be considered in project cost	0.52	0.54	0.57
Option 6: offsite and onsite infrastructure to be developed through Nodal agencies	1.84	1.96	2.07

Source: Financial Model

15.28. Annexure 28 – A Case Study on Panama Pacifico SEZ Project

Traditionally, in case of PPP projects, the developer is liable to make certain pay-outs to the regulatory authority (in this case BEZA) in order for it to recover its cost lay-out. However, globally there are precedencies of projects which have been developed through the PPP route without involvement of any pay-outs to the authorities regulating them. Since, the ultimate objective of BEZA through this project is overall socio-economic upliftment of the region through employment generation, private sector participation in such projects brings with it a plethora of advantages such as:

- Better financial discipline, since a developer has to operate efficiently to stay in business, while government agencies are protected against bankruptcy
- Rapid project implementation through better access to additional human resources and expertise
- Removal of financial constraints through better access to private finance
- Ability to change plans and resources during implementation/operations of the project to adapt to changes in market conditions and other variables affecting the project.

Thus, in order to make the proposition of developing the proposed EZ attractive BEZA may consider foregoing pay-outs for the private developer. Similar examples have been adopted in the past in developed economies to promote private sector participation in industrial projects. One such successful case in point is the Panama Pacifico SEZ project in the Republic of Panama. The following table illustrates on the parameters behind its success.

Table 182: Successful PPP project without pay-out criteria: Panama Pacifico

Project	Project Type	Location	Master Developer
Panama Pacifico	Special Economic Zone developed through PPP	Panama City, Republic of Panama	London & Regional Properties
Project Overview	The Panama Pacifico project created in 2007 transformed the former Howard U.S. Air Force base outside Panama City into a hub for international trade, logistics, services, commerce, and industry. Located in the District of Arraijan, on the west side of the Canal, Panama Pacific is mixed-use development project which aimed at economic development of the region.		
Key Components	As principal advisor to the government, IFC recommended that a private investor develop the 2,500-hectare site through the establishment of a special economic zone (SEZ) with a modern regulatory framework and administration conducive to business and direct foreign investment		
Project Structuring parameters	<ul style="list-style-type: none"> • Strict global standard eligibility criteria to target international master developers • Transaction structure for 40-year development period with exclusive development rights for 15 years and limited rights for the rest of the concession for the master developer • Pre-defined obligations for minimum investments from master developer - the winning proposal included commitments to invest a minimum of USD 405 million over the first 8 years of the project with no other pay-outs involved • Allocation of infrastructure development obligations to Government 		

	<ul style="list-style-type: none"> • Clear allocation of risks between parties, pre-defined pricing of land, minimum land takedowns by category of use, rules of land development, penalties for non-compliance, etc.
<p>Success factors</p>	<ul style="list-style-type: none"> • USD 405 millions of investment within first 8 years i.e. till 2016 • USD 300 million more of investment in the next phase • Globally reputed organizations such as Dell, 3M, CAT, Singapore Airlines, Cable & Wireless etc. investing in the SEZ • Accreditation of U.S. Green Building Council and the Clinton Climate Initiative as “Climate-positive SEZ”

Source: PwC Research

15.29. Annexure 29 – Determination of Bid parameters for the PPP developer

The following table elucidates on the results obtained from the simulations performed to determine the best combination of the above-mentioned scenarios for the Base case. Two scenarios have been evaluated in the simulations – (i) BEZA bearing costs towards land acquisition and off-site infrastructure is funded through assistance from multilaterals, and (ii) BEZA bearing costs towards both land acquisition and off-site infrastructure development.

Table 183: Simulation results to determine the best-case pay-out mode for BEZA - Base case (Case 2)

S. No.	Parameters	BEZA bearing costs only towards land acquisition	BEZA bearing costs towards land acquisition and off-site infrastructure
1	Annual Land lease mode (I)	An Annual land lease of BDT 7.7 per sq. ft. per annum will correspond to the NPV of cost being equal to that of income for BEZA	• An Annual land lease of BDT 9.7 persq. ft. per annum will correspond to the NPV of cost being equal to that of income for BEZA
2	Gross revenue share mode (II)	A Gross revenue share of 13.0% between BEZA and the PPP developer will correspond to the NPV of cost being equal to that of income for BEZA	A Gross revenue share of 16.5% between BEZA and the PPP developer will correspond to the NPV of cost being equal to that of income for BEZA
3	Upfront payment + (I)	An Upfront payment of BDT 600 million with an annual land lease of BDT 3.1/Sq. Ft will correspond to the NPV of cost being equal to that of income for BEZA	An Upfront payment of BDT 600 million with an annual land lease of BDT 5.2/sq. ft. per annum will correspond to the NPV of cost being equal to that of income for BEZA
4	Upfront payment + (II)	An Upfront payment of BDT 600 million with a Gross revenue share of 5.3% between BEZA and the PPP developer will correspond to the NPV of cost being equal to that of income for BEZA	An Upfront payment of BDT 600 million with a Gross revenue share of 8.8% between BEZA and the PPP developer will correspond to the NPV of cost being equal to that of income for BEZA

S. No.	Parameters	BEZA bearing costs only towards land acquisition	BEZA bearing costs towards land acquisition and off-site infrastructure
5	Upfront payment + (I) + (II)	An Upfront payment of BDT 600 million with an annual land lease of BDT 2 per sq. ft. per annum together with a gross revenue share of 1.9% will correspond to the NPV of cost being equal to that of income for BEZA	An Upfront payment of BDT 600 million with an annual land lease of BDT 3.60 per sq. ft. per annum together with a gross revenue share of 3.0% will correspond to the NPV of cost being equal to that of income for BEZA

Source: Financial Model

15.30. Annexure 30 – Financial Model Calculations – Case 2 (PPP Developer developing the Project) – Without Pay-outs – Base Case

Profit and Loss Statement (BDT millions)										
Financial year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Revenue	0	85	184	287	326	418	466	523	653	714
O&M expenses	0	134	192	0	222	229	236	243	0	0
EBIDTA	0	-48	-9	287	104	189	230	280	653	714
Depreciation	0	0	0	279	279	279	279	279	279	279
EBIT	0	-48	-9	8	-175	-90	-48	1	374	435
Interest	0	0	0	0	836	724	613	501	390	279
Profit before tax (PBT)	0	-48	-9	8	-1,010	-814	-661	-500	-16	157
Tax	0	0	0	0	0	0	0	0	0	0
Profit after tax (PAT)	0	-48	-9	8	-1,010	-814	-661	-500	-16	157

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
Revenue	818	1,053	1,053	1,053	1,198	1,198	1,198	1,366	1,366	1,366
O&M expenses	0	0	0	0	0	0	0	0	0	0
EBIDTA	818	1,053	1,053	1,053	1,198	1,198	1,198	1,366	1,366	1,366
Depreciation	279	279	279	279	279	279	279	279	279	279
EBIT	540	775	775	775	920	920	920	1,087	1,087	1,087

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
Interest	167	56	0	0	0	0	0	0	0	0
Profit before tax (PBT)	372	719	775	775	920	920	920	1,087	1,087	1,087
Tax	0	0	0	71	180	312	323	391	400	408
Profit after tax (PAT)	372	719	775	704	740	608	597	696	687	680

Financial year	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
Revenue	1,560	1,560	1,560	1,785	1,785	1,785	2,046	2,046	2,046	2,351
O&M expenses	0	0	0	0	0	0	0	0	0	0
EBIDTA	1,560	1,560	1,560	1,785	1,785	1,785	2,046	2,046	2,046	2,351
Depreciation	279	279	279	279	279	279	279	279	279	279
EBIT	1,281	1,281	1,281	1,506	1,506	1,506	1,768	1,768	1,768	2,072
Interest	0	0	0	0	0	0	0	0	0	0
Profit before tax (PBT)	1,281	1,281	1,281	1,506	1,506	1,506	1,768	1,768	1,768	2,072
Tax	483	489	495	579	583	587	683	686	689	798
Profit after tax (PAT)	799	792	787	928	923	919	1,085	1,082	1,079	1,274

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
Revenue	2,351	2,351	2,705	2,705	2,705	3,119	3,119	3,119	3,604	3,604
O&M expenses	0	0	0	0	0	0	0	0	0	0
EBIDTA	2,351	2,351	2,705	2,705	2,705	3,119	3,119	3,119	3,604	3,604
Depreciation	279	279	279	279	279	279	279	279	279	279

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
EBIT	2,072	2,072	2,427	2,427	2,427	2,841	2,841	2,841	3,325	3,325
Interest	0	0	0	0	0	0	0	0	0	0
Profit before tax (PBT)	2,072	2,072	2,427	2,427	2,427	2,841	2,841	2,841	3,325	3,325
Tax	801	803	929	931	932	1,079	1,080	1,081	1,252	1,253
Profit after tax (PAT)	1,271	1,269	1,498	1,496	1,494	1,762	1,761	1,759	2,073	2,072

Financial year	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49	Year 50
Revenue	3,604	4,171	4,171	4,171	4,837	4,837	4,837	5,619	5,619	5,619
O&M expenses	0	0	0	0	0	0	0	0	0	0
EBIDTA	3,604	4,171	4,171	4,171	4,837	4,837	4,837	5,619	5,619	5,619
Depreciation	279	279	279	279	279	279	279	279	279	279
EBIT	3,325	3,892	3,892	3,892	4,558	4,558	4,558	5,340	5,340	5,340
Interest	0	0	0	0	0	0	0	0	0	0
Profit before tax (PBT)	3,325	3,892	3,892	3,892	4,558	4,558	4,558	5,340	5,340	5,340
Tax	1,254	1,453	1,454	1,454	1,688	1,688	1,689	1,963	1,963	1,964
Profit after tax (PAT)	2,071	2,440	2,439	2,438	2,870	2,870	2,869	3,377	3,377	3,377

Cash Flows (BDT million)

Financial year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Cash Inflow										
PAT	0	-48	-9	8	-1,010	-814	-661	-500	-16	157
Book depreciation	0	0	0	279	279	279	279	279	279	279
Equity infusion	1,641	938	1,006	235	0	0	0	0	0	0
Debt drawdown	3,830	2,189	2,348	549	0	0	0	0	0	0
Total cash inflow	5,471	3,079	3,345	1,071	-732	-536	-383	-222	263	435
Cash Outflow										
Capex	5,471	3,127	3,354	864	0	0	0	0	0	0
Dividend pay-out	0	0	0	0	0	0	0	0	0	0
Repayment (Principal)	0	0	0	0	1,114	1,114	1,114	1,114	1,114	1,114
Total cash outflow	5,471	3,127	3,354	864	1,114	1,114	1,114	1,114	1,114	1,114
Net Cash Generation	0	-48	-9	207	-1,846	-1,650	-1,497	-1,336	-851	-679

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
Cash Inflow										
PAT	372	719	775	704	740	608	597	696	687	680
Book depreciation	279	279	279	279	279	279	279	279	279	279
Equity infusion	0	0	0	0	0	0	0	0	0	0
Debt drawdown	0	0	0	0	0	0	0	0	0	0
Total cash inflow	651	998	1,053	982	1,018	886	875	975	966	958
Cash Outflow										
Capex	0	0	0	0	0	0	0	0	0	0
Dividend pay-out	0	0	0	0	0	0	0	0	0	0

Repayment (Principal)	1,114	1,114	0	0	0	0	0	0	0	0
Total cash outflow	1,114	1,114	0	0	0	0	0	0	0	0
Net Cash Generation	-463	-117	1,053	982	1,018	886	875	975	966	958

Financial year	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
Cash Inflow										
PAT	799	792	787	928	923	919	1,085	1,082	1,079	1,274
Book depreciation	279	279	279	279	279	279	279	279	279	279
Equity infusion	0	0	0	0	0	0	0	0	0	0
Debt drawdown	0	0	0	0	0	0	0	0	0	0
Total cash inflow	1,077	1,071	1,065	1,206	1,202	1,198	1,364	1,360	1,357	1,552
Cash Outflow										
Capex	0	0	0	0	0	0	0	0	0	0
Dividend pay-out	0	0	0	0	0	0	0	0	0	0
Repayment (Principal)	0	0	0	0	0	0	0	0	0	0
Total cash outflow	0	0	0	0	0	0	0	0	0	0
Net Cash Generation	1,077	1,071	1,065	1,206	1,202	1,198	1,364	1,360	1,357	1,552

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
Cash Inflow										
PAT	1,271	1,269	1,498	1,496	1,494	1,762	1,761	1,759	2,073	2,072
Book depreciation	279	279	279	279	279	279	279	279	279	279
Equity infusion	0	0	0	0	0	0	0	0	0	0
Debt drawdown	0	0	0	0	0	0	0	0	0	0
Total cash inflow	1,550	1,548	1,776	1,774	1,773	2,041	2,039	2,038	2,352	2,351

Cash Outflow										
Capex	0	0	0	0	0	0	0	0	0	0
Dividend pay-out	0	0	0	0	0	0	0	0	0	0
Repayment (Principal)	0	0	0	0	0	0	0	0	0	0
Total cash outflow	0	0	0	0	0	0	0	0	0	0
Net Cash Generation	1,550	1,548	1,776	1,774	1,773	2,041	2,039	2,038	2,352	2,351

Financial year	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49	Year 50
Cash Inflow										
PAT	2,071	2,440	2,439	2,438	2,870	2,870	2,869	3,377	3,377	3,377
Book depreciation	279	279	279	279	279	279	279	279	279	279
Equity infusion	0	0	0	0	0	0	0	0	0	0
Debt drawdown	0	0	0	0	0	0	0	0	0	0
Total cash inflow	2,350	2,718	2,717	2,717	3,149	3,148	3,148	3,656	3,655	3,655
Cash Outflow										
Capex	0	0	0	0	0	0	0	0	0	0
Dividend pay-out	0	0	0	0	0	0	0	0	0	0
Repayment (Principal)	0	0	0	0	0	0	0	0	0	0
Total cash outflow	0	0	0	0	0	0	0	0	0	0
Net Cash Generation	2,350	2,718	2,717	2,717	3,149	3,148	3,148	3,656	3,655	3,655

Balance Sheet (BDT million)

Financial year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Liabilities										
Equity	1,641	2,579	3,586	3,821	3,821	3,821	3,821	3,821	3,821	3,821
Reserves and Surplus	0	-48	-57	-49	-1,059	-1,874	-2,535	-3,035	-3,051	-2,894
Long term loan	3,830	6,019	8,366	8,915	7,801	6,686	5,572	4,458	3,343	2,229
Total	5,471	8,549	11,895	12,687	10,562	8,634	6,858	5,243	4,113	3,155
Assets										
Net Block (long term asset- depreciation)	5,471	8,598	11,952	12,537	12,259	11,980	11,701	11,423	11,144	10,866
Cash and bank balance	0	-48	-57	150	-1,696	-3,346	-4,844	-6,179	-7,031	-7,710
Total	5,471	8,549	11,895	12,687	10,562	8,634	6,858	5,243	4,113	3,155

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
Liabilities										
Equity	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821
Reserves and Surplus	-2,522	-1,803	-1,028	-325	415	1,022	1,619	2,315	3,003	3,682
Long term loan	1,114	0	0	0	0	0	0	0	0	0
Total	2,413	2,018	2,793	3,496	4,236	4,843	5,440	6,136	6,824	7,503
Assets										
Net Block (long term asset- depreciation)	10,587	10,308	10,030	9,751	9,473	9,194	8,915	8,637	8,358	8,080
Cash and bank balance	-8,174	-8,291	-7,237	-6,255	-5,237	-4,351	-3,475	-2,501	-1,535	-576
Total	2,413	2,018	2,793	3,496	4,236	4,843	5,440	6,136	6,824	7,503

Financial year	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
Liabilities										
Equity	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821
Reserves and Surplus	4,481	5,273	6,060	6,988	7,911	8,830	9,915	10,997	12,075	13,349
Long term loan	0	0	0	0	0	0	0	0	0	0
Total	8,302	9,094	9,881	10,808	11,732	12,650	13,736	14,817	15,896	17,170
Assets										
Net Block (long term asset- depreciation)	7,801	7,522	7,244	6,965	6,687	6,408	6,129	5,851	5,572	5,294
Cash and bank balance	501	1,572	2,637	3,843	5,045	6,243	7,606	8,967	10,324	11,876
Total	8,302	9,094	9,881	10,808	11,732	12,650	13,736	14,817	15,896	17,170

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
Liabilities										
Equity	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821
Reserves and Surplus	14,620	15,889	17,387	18,883	20,377	22,139	23,900	25,659	27,733	29,805
Long term loan	0	0	0	0	0	0	0	0	0	0
Total	18,441	19,710	21,208	22,704	24,198	25,960	27,721	29,480	31,553	33,626
Assets										
Net Block (long term asset- depreciation)	5,015	4,736	4,458	4,179	3,900	3,622	3,343	3,065	2,786	2,507
Cash and bank balance	13,426	14,974	16,750	18,525	20,298	22,338	24,377	26,415	28,767	31,118
Total	18,441	19,710	21,208	22,704	24,198	25,960	27,721	29,480	31,553	33,626

Financial year	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49	Year 50
Liabilities										
Equity	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821	3,821
Reserves and Surplus	31,876	34,316	36,755	39,193	42,063	44,933	47,802	51,179	54,556	57,933
Long term loan	0	0	0	0	0	0	0	0	0	0
Total	35,697	38,137	40,576	43,014	45,884	48,754	51,623	55,000	58,377	61,754
Assets										
Net Block (long term asset- depreciation)	2,229	1,950	1,672	1,393	1,114	836	557	279	0	0
Cash and bank balance	33,468	36,186	38,904	41,621	44,770	47,918	51,066	54,722	58,377	62,032
Total	35,697	38,137	40,576	43,014	45,884	48,754	51,623	55,000	58,377	62,032

FCFF Calculation (BDT million)

Financial year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
EBIT	0	-48	-9	8	-175	-90	-48	1	374	435
Add: Depreciation	0	0	0	279	279	279	279	279	279	279
Less: IDC	-191	-492	-719	-864	0	0	0	0	0	0
Less: Tax paid	0	0	0	0	0	0	0	0	0	0
Less: Dividend payout	0	0	0	0	0	0	0	0	0	0
Less: Capex	-5,279	-2,635	-2,635	0	0	0	0	0	0	0
Free Cashflow to Fund	-5,471	-3,176	-3,362	-577	104	189	230	280	653	714
Retained Earnings	0	-48	-9	287	-732	-536	-383	-222	263	435
Cumulative Retained Earnings	0	-48	-57	230	-502	-1,038	-1,421	-1,642	-1,379	-944
Retained Earnings used to fund opex	0	0	0	287	0	0	0	0	263	435
Retained Earnings available after funding opex	0	0	0	80	0	0	0	0	13	178
Retained Earnings used to fund project cost	0	0	0	80	0	0	0	0	13	178

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
EBIT	540	775	775	775	920	920	920	1,087	1,087	1,087
Add: Depreciation	279	279	279	279	279	279	279	279	279	279
Less: IDC	0	0	0	0	0	0	0	0	0	0
Less: Tax paid	0	0	0	-71	-180	-312	-323	-391	-400	-408
Less: Dividend payout	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Free Cashflow to Fund	818	1,053	1,053	982	1,018	886	875	975	966	958
Retained Earnings	651	998	1,053	982	1,018	886	875	975	966	958

Cumulative Retained Earnings	-293	705	1,758	2,740	3,758	4,644	5,520	6,494	7,460	8,419
Retained Earnings used to fund opex	651	998	1,053	982	1,018	886	875	975	966	958
Retained Earnings available after funding opex	386	724	772	693	720	579	559	649	630	612
Retained Earnings used to fund project cost	386	724	772	693	720	579	559	649	630	612

Financial year	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
EBIT	1,281	1,281	1,281	1,506	1,506	1,506	1,768	1,768	1,768	2,072
Add: Depreciation	279	279	279	279	279	279	279	279	279	279
Less: IDC	0	0	0	0	0	0	0	0	0	0
Less: Tax paid	-483	-489	-495	-579	-583	-587	-683	-686	-689	-798
Less: Dividend payout	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Free Cashflow to Fund	1,077	1,071	1,065	1,206	1,202	1,198	1,364	1,360	1,357	1,552
Retained Earnings	1,077	1,071	1,065	1,206	1,202	1,198	1,364	1,360	1,357	1,552
Cumulative Retained Earnings	9,496	10,567	11,632	12,838	14,040	15,238	16,601	17,962	19,319	20,871
Retained Earnings used to fund opex	1,077	1,071	1,065	1,206	1,202	1,198	1,364	1,360	1,357	1,552
Retained Earnings available after funding opex	721	704	687	817	801	784	938	922	906	1087
Retained Earnings used to fund project cost	721	704	687	817	801	784	938	922	906	1087

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
EBIT	2,072	2,072	2,427	2,427	2,427	2,841	2,841	2,841	3,325	3,325
Add: Depreciation	279	279	279	279	279	279	279	279	279	279
Less: IDC	0	0	0	0	0	0	0	0	0	0
Less: Tax paid	-801	-803	-929	-931	-932	-1,079	-1,080	-1,081	-1,252	-1,253
Less: Dividend payout	0	0	0	0	0	0	0	0	0	0

Less: Capex	0	0	0	0	0	0	0	0	0	0
Free Cashflow to Fund	1,550	1,548	1,776	1,774	1,773	2,041	2,039	2,038	2,352	2,351
Retained Earnings	1,550	1,548	1,776	1,774	1,773	2,041	2,039	2,038	2,352	2,351
Cumulative Retained Earnings	22,421	23,969	25,745	27,520	29,293	31,333	33,372	35,411	37,762	40,113
Retained Earnings used to fund opex	1,550	1,548	1,776	1,774	1,773	2,041	2,039	2,038	2,352	2,351
Retained Earnings available after funding opex	1071	1054	1268	1251	1234	1485	1467	1449	1745	1726
Retained Earnings used to fund project cost	1071	1054	1268	1251	1234	1485	1467	1449	1745	1726

Financial year	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49	Year 50
EBIT	3,325	3,892	3,892	3,892	4,558	4,558	4,558	5,340	5,340	5,340
Add: Depreciation	279	279	279	279	279	279	279	279	279	279
Less: IDC	0	0	0	0	0	0	0	0	0	0
Less: Tax paid	-1,254	-1,453	-1,454	-1,454	-1,688	-1,688	-1,689	-1,963	-1,963	-1,964
Less: Dividend payout	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Free Cashflow to Fund	2,350	2,718	2,717	2,717	3,149	3,148	3,148	3,656	3,655	3,655
Retained Earnings	2,350	2,718	2,717	2,717	3,149	3,148	3,148	3,656	3,655	3,655
Cumulative Retained Earnings	42,463	45,182	47,899	50,616	53,765	56,913	60,061	63,717	67,372	71,027
Retained Earnings used to fund opex	2,350	2,718	2,717	2,717	3,149	3,148	3,148	3,656	3,655	3,655
Retained Earnings available after funding opex	1707	2055	2035	2014	2425	2402	2379	2864	2840	2815
Retained Earnings used to fund project cost	1707	2055	2035	2014	2425	2402	2379	2864	2840	2815

FCFE Calculation (BDT million)

Financial year	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
EBIDTA	0	-48	-9	287	104	189	230	280	653	714
Less: Dividend payout	0	0	0	0	0	0	0	0	0	0
Less: Interest	0	0	0	0	-836	-724	-613	-501	-390	-279
Less: Tax	0	0	0	0	0	0	0	0	0	0
Less: Debt repayments	0	0	0	0	-1,114	-1,114	-1,114	-1,114	-1,114	-1,114
Less: Capex	-5,471	-3,127	-3,354	-784	0	0	0	0	0	0
Add: Debt Investment	3,830	2,189	2,348	549	0	0	0	0	0	0
Free Cash Flow to Equity	-1641	-987	-1015	51	-1846	-1650	-1497	-1336	-851	-679

Financial year	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
EBIDTA	818	1053	1053	1053	1198	1198	1198	1366	1366	1366
Less: Dividend payout	0	0	0	0	0	0	0	0	0	0
Less: Interest	-167	-56	0	0	0	0	0	0	0	0
Less: Tax	0	0	0	-71	-180	-312	-323	-391	-400	-408
Less: Debt repayments	-1,114	-1,114	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Add: Debt Investment	0	0	0	0	0	0	0	0	0	0
Free Cash Flow to Equity	-463	-117	1053	982	1018	886	875	975	966	958

Financial year	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
EBIDTA	1560	1560	1560	1785	1785	1785	2046	2046	2046	2351
Less: Dividend payout	0	0	0	0	0	0	0	0	0	0

Less: Interest	0	0	0	0	0	0	0	0	0	0
Less: Tax	-483	-489	-495	-579	-583	-587	-683	-686	-689	-798
Less: Debt repayments	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Add: Debt Investment	0	0	0	0	0	0	0	0	0	0
Free Cash Flow to Equity	1077	1071	1065	1206	1202	1198	1364	1360	1357	1552

Financial year	Year 31	Year 32	Year 33	Year 34	Year 35	Year 36	Year 37	Year 38	Year 39	Year 40
EBIDTA	2351	2351	2705	2705	2705	3119	3119	3119	3604	3604
Less: Dividend payout	0	0	0	0	0	0	0	0	0	0
Less: Interest	0	0	0	0	0	0	0	0	0	0
Less: Tax	-801	-803	-929	-931	-932	-1,079	-1,080	-1,081	-1,252	-1,253
Less: Debt repayments	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Add: Debt Investment	0	0	0	0	0	0	0	0	0	0
Free Cash Flow to Equity	1550	1548	1776	1774	1773	2041	2039	2038	2352	2351

Financial year	Year 41	Year 42	Year 43	Year 44	Year 45	Year 46	Year 47	Year 48	Year 49	Year 50
EBIDTA	3604	4171	4171	4171	4837	4837	4837	5619	5619	5619
Less: Dividend payout	0	0	0	0	0	0	0	0	0	0
Less: Interest	0	0	0	0	0	0	0	0	0	0
Less: Tax	-1,254	-1,453	-1,454	-1,454	-1,688	-1,688	-1,689	-1,963	-1,963	-1,964
Less: Debt repayments	0	0	0	0	0	0	0	0	0	0
Less: Capex	0	0	0	0	0	0	0	0	0	0
Add: Debt Investment	0	0	0	0	0	0	0	0	0	0
Free Cash Flow to Equity	2350	2718	2717	2717	3149	3148	3148	3656	3655	3655

15.31. Annexure 31 – Project Returns Calculations – Conservative and Aggressive scenarios – Case 2 (PPP developer as the Master Developer)

Conservative scenario

Scenarios	PIRR	EIRR	Avg. DSCR	BCR ³³⁰	NPV FCFF (in BDT million)	NPV FCFE (in BDT million)
Without Pay-out to BEZA approach	6.33%	6.48%	0.30	0.86	-5909.9	-4580.1
Conventional approach	5.63%	5.61%	0.25	0.83	-7236.7	-5845.8

Aggressive scenario

Scenarios	PIRR	EIRR	Avg. DSCR	BCR ³³¹	NPV FCFF (in BDT million)	NPV FCFE (in BDT million)
Without Pay-out to BEZA approach	6.72%	7.01%	0.41	0.92	-5192.1	-3894.2
Conventional approach	5.97%	6.04%	0.36	0.88	-6540.5	-5187.9

³³⁰ Weighted average cost of capital is used as discount factor in BCR calculations with cost of equity as 12%. Calculations pertaining to cost of equity of 10% and 15% have been furnished in Annexures of this report

³³¹ Weighted average cost of capital is used as discount factor in BCR calculations with cost of equity as 12%. Calculations pertaining to cost of equity of 10% and 15% have been furnished in Annexures of this report

15.32. Annexure 32 – NPV and BCR Calculations – Case 2 (PPP Developer developing the Project) – Base case

Table 184: NPV (@ 10% cost of equity) calculations across scenarios – Case 2

Scenarios	NPV FCFF (in BDT million)			NPV FCFE (in BDT million)		
	Conservative	Base	Aggressive	Conservative	Base	Aggressive
Without Pay-out to BEZA approach	-5471.2	-5115.4	-4725.1	-3886.8	-3517.8	-3108.0
Conventional approach	-6847.0	-6464.9	-6122.5	-5302.6	-4909.3	-4552.9

Source: Financial Model

Table 185: BCR (@ 10% cost of equity) calculations across scenarios – Case 2

Scenarios	BCR		
	Conservative	Base	Aggressive
Without Pay-out to BEZA approach	0.92	0.96	0.99
Conventional approach	0.89	0.92	0.95

Source: Financial Model

Table 186: NPV (@ 15% cost of equity) calculations across scenarios – Case 2

Scenarios	NPV FCFF (in BDT million)			NPV FCFE (in BDT million)		
	Conservative	Base	Aggressive	Conservative	Base	Aggressive
Without Pay-out to BEZA approach	-6435.5	-6117.7	-5757.6	-4854.9	-4598.6	-4282.5
Conventional approach	-7697.7	-7348.0	-7041.3	-5964.0	-5668.3	-5418.6

Source: Financial Model

Table 187: BCR (@ 15% cost of equity) calculations across scenarios – Case 2

Scenarios	BCR		
	Conservative	Base	Aggressive
Without Pay-out to BEZA approach	0.77	0.80	0.83
Conventional approach	0.74	0.77	0.80

Source: Financial Model

15.33. Annexure 33 – Mechanisms to improve returns of the project in case of PPP developer developing the project in case of the Conventional approach

In order to improve the returns and debt serviceability of the project, the following avenues could be explored which would eventually benefit both the private entity and BEZA.

Funding the Project through a combination of Commercial and Concessional Loan

As explained earlier, in case of a PPP developer, commercial loan from financial institutions and banks become a realistic source of obtaining debt in order to fund similar projects according to prevalent infrastructure funding environment in Bangladesh. However, concessional borrowing, if obtained, through support from BEZA and GoB could improve project returns for any private player developing the project and thus enhance attractiveness of the project. This could depend on various factors such as project potential, market reputation, balance sheet exposure, occupancy risk of the project etc. Keeping cognizance of the same, even if the project is funded through a combination of commercial and concessional borrowing in the ratio of 35%:35% respectively (with Debt: Equity as 70%:30%), **the project returns still remain unattractive.**

Modifying the pre-determined Bid Parameters below desired levels

As mentioned earlier, a combination of **upfront payment, together with an annual land lease charge and a revenue share to BEZA** emerges as a suitable option for BEZA in case it embarks on the conventional PPP approach. This combination of bid parameters enables BEZA to recover its cost outlay in terms of land acquisition and off-site infrastructure development. However, as demonstrated in the Financial Modelling chapter, the project returns for the private developer under such a scenario remain unattractive. This further diminishes the private developer's chances of obtaining commercial debts to fund the project. In order to improve the same, BEZA may forego or modify the bid parameters determined above. In lieu of the same, **a reduction in the annual land lease to BDT 1 per sq. ft. per annum together with a waiver on revenue share (to BEZA), improves the PIRR to ~7.11% but still fails to render the project attractive for private developers.**

Similarly, in case BEZA decides to forego the pre-determined bid parameters in return of having an equity share in the project corresponding to 15%, **the PIRR improves only to ~7.14%** which is still unattractive from the perspective of private developers.

Through the infusion of Financial Stimuli

An effective and prevalent project structuring mechanism to make a PPP project financially attractive and bankable for private developers could be through imbining financial stimuli over existing fiscal incentives provided by BEZA. These financial stimuli could be in the form of Capital subsidy or Viability Gap Funding (VGF) or Opex subsidy or Annuity or a combination of both.

Capital subsidy or Viability Gap Funding (VGF)

Viability Gap Funding or VGF is a measure by Govt. authorities to make a PPP project profitable. It refers to a grant to support projects that are economically justified but not financially viable. Such a grant under VGF is provided as a capital subsidy to attract the private sector players to participate in PPP projects that are otherwise financially unviable. Projects may not be commercially viable because of long gestation period and small revenue flows in future. This grant or capital subsidy is generally provided as a one-time payment to meet the capex lay-out of the project and thus making it financially attractive for private bidders. Similar precedence is also prevalent in Bangladesh, where the government extends financial support towards financially unviable but socially and economically beneficial PPP projects to maximize value for money and to imbibe private sector efficiency. GoB has mandated that the VGF in the form of capital grant shall be limited to 40% of the total

estimated capital cost of the project.³³² In countries such as India, VGF has been mostly limited to hard core infrastructure such as roads and highways sector but also extendable to power, urban transport, SEZs, etc. As per prevalent norms, the total Viability Gap Funding will not exceed 20% of total project cost, provided that the Government or statutory entity that owns the project may, if it so decides, provide additional grants out of its budget, but not exceeding a further 20% of the total project cost. In India, similar schemes are also exercised at the State level, such as in the state of Assam, VGF is provided by the State Govt. mostly in roads sector and the amount of VGF shall be equivalent to the lowest bid for capital subsidy, but subject to a maximum of 20% of the total project cost. Similarly, under the UDAN scheme proposed by the Govt. of Maharashtra, 50% seats in airplanes are offered at concessional rates to passengers in order to make air travel affordable. In case of vacant seats, the State Govt. shall offer capital subsidy in the form of VGF to the airline operator to compensate the loss.

Table 188: Case study on f VGF³³³

Project	Project Type	Location
Panvel - Indapur Highway project	Highway project Build, Operate, Transfer (BOT) mode	Maharashtra, India

Supreme Infra's 84km Panvel-Indapur highway project in Maharashtra was stuck for years due to lack of land clearances, hurting the firm as costs shot up. The project, estimated to cost INR 1,206 crore, was targeting a completion date of June 2017. However, inefficiencies in land acquisition caused delay.

In order to cater to the needs of the project, NHAI extended a VGF of INR 500 crore towards the project. With 60% of the project already completed this provided an impetus to the private developer who went on to complete the phase I & II of the project as per previous expectations thus preventing further delay.

Source: PwC Research

Although there is no precedence of VGF in the economic zone space in Bangladesh but as per VGF rules referred above, it is permissible. An extension of **VGF equal to high as 40% with conventional approach** of the total project cost although **improves the project returns (with PIRR of ~8.73%) which is still not attractive for a private investor.**

Opex subsidy or Annuity

In addition to capital subsidy, government also extends support in the form of operational subsidy or annuity for a period of time thus helping private developers suffice their operational expenses. Although, this mode of financial support is more prevalent in hardcore infrastructure projects mainly highway projects in countries such as India but as per the guidelines of GoB³³⁴, annuity is disbursed on a periodic basis during the period when the Project Company provides service under the PPP project after commencement of operations and it is deemed applicable for all kinds of PPP projects including priority projects. In India, the extension of annuity is almost entirely limited to roads and highway projects where revenues from tolling are uncertain or will be insufficient to attract BOT operators. The Govt. of India thus devised Engineering, Procurement and Construction (EPC) contracts which entail little or no risk on the part of the private sector. To fill this gap, NHAI has developed the Annuity Concession model. To date, approximately 8% of the length of roadways subject to NHDP funding has been commissioned using the Annuity model.³³⁵ Similarly, Opex subsidy, which can also be considered as annuity, is also extended by the State Govt. in India. For example, the State of Gujarat provides an Opex subsidy of a maximum amount of INR 2.5 million for a period of 10 years to support MSMEs in the State.

³³² http://www.pppo.gov.bd/download/ppp_office/Rules-for-VGF-for-PPP-Projects-2018.pdf

³³³ <https://www.moneycontrol.com/news/business/companies/nhai-to-infuse-rs-500cr-vgfpanvel-project-supreme-infra-981577.html>

³³⁴ http://www.pppo.gov.bd/download/ppp_office/Rules-for-VGF-for-PPP-Projects-2018.pdf

³³⁵ <https://ppiaf.org/sites/ppiaf.org/files/documents/toolkits/highwaystoolkit/6/pdf-version/india.pdf>

Although there is no precedence of annuity or Opex subsidy being extended in the economic zone space in Bangladesh but as per VGF rules referred above, it is permissible. **Annuity as high as 40% of the O&M cost (for a period of 15 years from start of operations of the proposed EZ) fails to improve the project returns (with PIRR of ~7.30%) above desired levels. However, VGF to the tune of 40% in case of conventional approach combined with Annuity pay-out improve the PIRR only to ~9.31% which is still moderately unattractive for private investor.**

15.34. Annexure 34 – Economic Model Calculations

Total Economic Benefits (conservative)

Financial year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Net Economic Value Addition by Industries	0	0	26	43	61	86	110	138	171	199
Employment Generation	146	146	295	390	344	482	617	782	973	1134
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	146	146	321	433	406	568	727	921	1145	1333

Financial year	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
Net Economic Value Addition by Industries	231	291	406	438	438	438	438	438	438	438
Employment Generation	1318	1672	2345	2535	2535	2535	2535	2535	2535	2535
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	1548	1963	2750	2973	2973	2973	2973	2973	2973	2973

Financial year	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
Net Economic Value Addition by Industries	438	438	438	438	438	438	438	438	438	438
Employment Generation	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	2973	2973	2973	2973	2973	2973	2973	2973	2973	2973

Financial year	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064
Net Economic Value Addition by Industries	438	438	438	438	438	438	438	438	438	438
Employment Generation	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	2973	2973	2973	2973	2973	2973	2973	2973	2973	2973

Financial year	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074
Net Economic Value Addition by Industries	438	438	438	438	438	438	438	438	438	438
Employment Generation	2535	2535	2535	2535	2535	2535	2535	2535	2535	2535
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	2973	2973	2973	2973	2973	2973	2973	2973	2973	2973

Total Economic Benefits (Base)										
Financial year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Net Economic Value Addition by Industries	0	0	32	54	78	110	140	176	217	253
Employment Generation	146	146	326	453	440	614	787	994	1231	1441
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0

Total Economic Benefits	146	146	358	507	518	724	927	1170	1447	1694
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Financial year	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
Net Economic Value Addition by Industries	294	365	438	438	438	438	438	438	438	438
Employment Generation	1680	2095	2520	2520	2520	2520	2520	2520	2520	2520
Tax Incentive Aailed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	1974	2460	2958	2958	2958	2958	2958	2958	2958	2958

Financial year	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
Net Economic Value Addition by Industries	438	438	438	438	438	438	438	438	438	438
Employment Generation	2520	2520	2520	2520	2520	2520	2520	2520	2520	2520
Tax Incentive Aailed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	2958	2958	2958	2958	2958	2958	2958	2958	2958	2958

Financial year	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064
Net Economic Value Addition by Industries	438	438	438	438	438	438	438	438	438	438
Employment Generation	2520	2520	2520	2520	2520	2520	2520	2520	2520	2520
Tax Incentive Aailed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0

Financial year	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	2958	2958	2958	2958	2958	2958	2958	2958	2958	2958

Financial year	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074
Net Economic Value Addition by Industries	438	438	438	438	438	438	438	438	438	438
Employment Generation	2520	2520	2520	2520	2520	2520	2520	2520	2520	2520
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	2958	2958	2958	2958	2958	2958	2958	2958	2958	2958

Total Economic Benefits (aggressive)										
Financial year	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Net Economic Value Addition by Industries	0	0	38	66	96	134	172	215	265	310
Employment Generation	146	146	358	519	541	754	967	1218	1503	1766
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	146	146	396	584	637	888	1139	1433	1767	2077

Financial year	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
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Net Economic Value Addition by Industries	361	437	437	437	437	437	437	437	437	437
Employment Generation	2063	2506	2506	2506	2506	2506	2506	2506	2506	2506
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	2425	2943	2943	2943	2943	2943	2943	2943	2943	2943

Financial year	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
Net Economic Value Addition by Industries	437	437	437	437	437	437	437	437	437	437
Employment Generation	2506	2506	2506	2506	2506	2506	2506	2506	2506	2506
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	2943	2943	2943	2943	2943	2943	2943	2943	2943	2943

Financial year	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064
Net Economic Value Addition by Industries	437	437	437	437	437	437	437	437	437	437
Employment Generation	2506	2506	2506	2506	2506	2506	2506	2506	2506	2506
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	2943	2943	2943	2943	2943	2943	2943	2943	2943	2943

Financial year	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074
Net Economic Value Addition by Industries	437	437	437	437	437	437	437	437	437	437
Employment Generation	2506	2506	2506	2506	2506	2506	2506	2506	2506	2506
Tax Incentive Availed by the Developer (Loss for Exchequer)	0	0	0	0	0	0	0	0	0	0
Tax Paid by the Developer (Gain for Exchequer)	0	0	0	0	0	0	0	0	0	0
Total Economic Benefits	2943	2943	2943	2943	2943	2943	2943	2943	2943	2943
Financial year	437	437	437	437	437	437	437	437	437	437

All figures are in BDT million

15.35. Annexure 35 – Information Regarding Private EZs

লাইসেন্সপ্রাপ্ত বেসরকারি অর্থনৈতিক অঞ্চল-এর হালনাগাদ তথ্য

ক্র: নং	অর্থনৈতিক অঞ্চলের নাম	জমির পরিমাণ (একর)	নীতমালার অনুচ্ছেদ ৫ (২) মোতাবেক পত্রিকায় প্রকাশের তারিখ গেজেটে প্রকাশের তারিখ	প্রাক-যোগ্যতাপত্র প্রদানের তারিখ	ফিজিবিলিটি স্ট্যাডি রিপোর্ট সংশ্লিষ্ট কমিটি কর্তৃক সুপারিশ প্রদানের তারিখ	মান্ডার প্ল্যান রিপোর্ট সংশ্লিষ্ট কমিটি কর্তৃক সুপারিশ প্রদানের তারিখ	পরিবেশগত ছাড়পত্র প্রদান (EIA অনুমোদন)-এর তারিখ	বেসরকারি অর্থনৈতিক অঞ্চল ঘোষণা সংক্রান্ত গেজেট প্রকাশের তারিখ	লাইসেন্স প্রদানের তারিখ	মেয়াদ উত্তীর্ণের তারিখ
১	২	৩	৪	৫	৬	৭	৮	৯	১০	১১
১	মেঘনা ইকোনমিক জোন জেলা: নারায়নগঞ্জ উপজেলা: সোনারগাঁও মৌজা: চররমজান সোনউল্লাহ	৬৭. ৯১৬৩	৩০/০৭/২০১৫ ০৩/০৮/২০১৫	১৮/১০/২০১৫	২৪/০৩/২০১৬	৩০/০৩/২০১৬	২৭/০৩/২০১৬	১৮/০৮/২০১৬	২৩/০৮/২০১৬	২২/০৮/২০৩১
২	আবদুল মোনেম অর্থনৈতিক অঞ্চল জেলা: মুন্সিগঞ্জ উপজেলা: গজারিয়া মৌজা: চর বাউশিয়া, চর জাজিরা	১৮৯.৯৪	২৯/০৪/২০১৬ ১২/০৫/২০১৫	১৬/০৫/২০১৫	১০/০৪/২০১৬	২৪/০৩/২০১৬	১১/০৮/২০১৬	২৯/১২/২০১৬	০৩/০১/১৭	০২/০১/২০৩২
৩	আমান ইকোনমিক জোন জেলা: নারায়নগঞ্জ উপজেলা: সোনারগাঁও মৌজা: সোনাময়ী, ছোটদেওভোগ ও হাড়িয়া	৮৩.১৩৯৪	৯/১২/২০১৫	১৫/০২/২০১৬	৩১/০৭/২০১৬	১৭/১০/২০১৬	২৮/৬/২০১৬	০৮/০৩/২০১৭	১৬/০৩/১৭	১৫/০৩/২০৩২
৪	'বে' ইকোনমিক জোন জেলা: গাজীপুর উপজেলা: কালিয়াকৈর মৌজা: কৌচাকুরি, বাঘিয়া, মিরপুর	৩৫.০০৭৭	১২/০১/২০১৬	১১/০২/২০১৬	০২/০৫/২০১৬	২৩/০৬/২০১৬	০৩/১১/২০১৬	০৯/০৪/২০১৭	২৪/০৪/১৭	২৩/০৪/২০৩২
৫	মেঘনা ইন্ডাস্ট্রিয়াল ইকোনমিক জোন, সোনারগাঁ নারায়নগঞ্জ মৌজা: ছোটশীলামান্দি, মল্লিকের পাড়া, রুগড়াখোলা, কামারগাঁও, শীলামান্দি, জগৎদী, সতরাজদী, মিঠাদী ও রতনদী	৭১.৯০২০	২৫/১১/২০১৬	১৯/০১/২০১৭	২০/৯/২০১৭	২০/৯/২০১৭	১/১১/২০১৬	১৩/০৯/২০১৭	২১/০৯/১৭	২০/৯/২০৩৩
৬	সিটি ইকোনমিক জোন রুপগঞ্জ, নারায়নগঞ্জ মৌজা: উত্তর রুপসী, গর্দ্ববপুর ও চর গর্দ্ববপুর	৭৭.৯৬৫৫	১১/০৮/২০১৬	২২/০৫/২০১৭	২৬/১২/২০১৭	২৬/১২/২০১৭	০৫/০৯/২০১৭	১৮/০১/২০১৮	২৩/০১/২০১৮	২২/০১/২০৩৩

৭	সিরাজগঞ্জ ইকোনমিক জোন জেলা: সিরাজগঞ্জ উপজেলা: বেলকুচী ও সিরাজগঞ্জ মৌজা: সয়দাবাদ, বড়শিমুল পঞ্চসোনা, খাসবড়শিমুল, বিরহাটি, চকবয়রা, বয়রা মাসুম, বড়বেড়া খারুয়া	১০৩৫.৯৩	-----	২০/০৬/২০১৭	০৬/০৩/২০১৮	০৬/০৩/২০১৮	২৬/১১/২০১৭	১৯/০৬/২০১৮	০৪/১০/২০১৮	৩/১০/২০১৩
৮	কর্ণফুলী ড্রাই ডক স্পেশাল ইকোনমিক জোন জেলা: চট্টগ্রাম উপজেলা: আনোয়ারা মৌজা: বাদলপুরা	১৬.০৮৬১	১৭/০৯/২০১৭	১৭/০৯/২০১৭	২৫/০৪/২০১৮	২৫/০৪/২০১৮	১৪/০২/২০১৮	২৪/০১/২০১৯	৭/০২/২০১৯	৬/০২/২০১৪
৯	কিশোরগঞ্জ ইকোনমিক জোন জেলা: কিশোরগঞ্জ উপজেলা: পাকুন্দিয়া মৌজা: মাইজহাটি	৯১.৬৩	২৮/০৫/২০১৭	০৩/০৭/২০১৭	১৯/০৭/২০১৮	১৯/০৭/২০১৮	২৭/০৩/২০১৮	১৪/০১/২০১৯	১৮/০২/২০১৯	১৭/০২/২০১৪
১০	ইন্স্ট ওয়েন্ট স্পেশাল ইকোনমিক জোন জেলা : ঢাকা উপজেলা: কেরানীগঞ্জ মৌজা: হাজারীবাগ, আইত্তা	১০২.৬৯৯২	২২/০৬/২০১৬	২৮/০৭/২০১৬ সংশোধিত ১০/০৪/২০১৮	৯/১০/২০১৮	৯/১০/২০১৮	৯/০৮/২০১৮	১৩/০২/২০১৯	২৫/০২/২০১৯	২৪/০২/২০১৪
১১	হোসেন্দী ইকোনমিক জোন জেলা: মুন্সিগঞ্জ উপজেলা: গজারিয়া মৌজা: চর বেতাকী, ভবানীপুর, রঘুর চর, হোসেন্দী	১০৮.০৫৭০	০৫/১২/২০১৮	০৭/০১/২০১৯	১৭/০৬/২০১৯	১৭/০৬/২০১৯	০৭/০৪/২০১৯	১৯.১২.২০১৯	০১.০১.২০২০	৩১.১২.২০১৫

প্রাক-যোগ্যতাপত্রপ্রাপ্ত বেসরকারি অর্থনৈতিক অঞ্চল-এর হালনাগাদ তথ্য

ক্র: নং	অর্থনৈতিক অঞ্চলের নাম	জমির পরিমাণ (একর)	নীতমানার অনুচ্ছেদ ৫ (২) মোতাবেক পত্রিকায় প্রকাশের তারিখ গেজেটে প্রকাশের তারিখ	প্রাক-যোগ্যতাপত্র প্রদানের তারিখ	ফিজিবিলাটি স্ট্যাডি রিপোর্ট অনুমোদনের তারিখ	মাস্টার প্ল্যান অনুমোদনের তারিখ	পরিবেশগত ছাড়পত্র প্রদান (EIA অনুমোদন)-এর তারিখ	মেয়াদ উত্তীর্ণের তারিখ
				বর্ধিত সময়				
১	২	৩	৪	৫	৬	৭	৮	৯
১	এ কে খান বেসরকারি অর্থনৈতিক অঞ্চল জেলা: নরসিংদী উপজেলা: পলাশ মৌজা: কাঁজের ও কাজিরচর	২০০	২৬/১২/২০১৪- ১১/০১/২০১৫	১০/০২/২০১৫ ০৯/০৫/২০১৬ ০৮/১১/২০১৬	২১/০৬/২০১৬	২১/০৬/২০১৬ জমা প্রদান করা হয়েছে শংশোধনের কাজ চলছে	২০/০৪/২০১৭	০৮/১১/২০১৭
২	আরিশা বেসরকারি অর্থনৈতিক অঞ্চল জেলা: ঢাকা উপজেলা: কেরানীগঞ্জ, সাভার মৌজা: ঘাটারচর, ওয়াশপুর, শ্যামলাপুর	৫০.৮১২১	০৫/০২/২০১৬	১৪/০৩/২০১৬ ১৪/০৩/২০১৭ ১৪/০৩/২০১৮	সংশোধিত ফিজিবিলাটি রিপোর্ট জমা দেওয়া হয়েছে		২২/০২/২০১৭	১৩/০৩/২০১৯
৩	ইউনাইটেড সিটি IT Park লি: জেলা: ঢাকা উপজেলা: বাড্ডা ও ভাটারা মৌজা: সাতারকুল	২.৪৪৩২	২৬/১২/২০১৪	১৮/০৭/২০১৬	ফিজিবিলাটি রিপোর্ট জমা দেওয়া হয়েছে		EIA রিপোর্ট জমা দেওয়া হয়েছে	১৭/০৭/২০১৮
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মোট জমির পরিমাণ: লাইসেন্স প্রাপ্ত-১৮৮২.২৭৩২ একর এবং প্রাক-যোগ্যতাপত্র প্রাপ্ত-৭৩০.৯৬৪৫ একর মোট (১৮৮২.২৭৩২ + ৭৩০.৯৬৪৫)=২৬১৩.২৩৭৭ একর

15.36. Annexure 36 – Baseline Monitoring report

JAMALPUR ECONOMIC ZONE

Environmental Baseline Report



(January, 2021)



BANGLADESH ENVIRONMENTAL ENGINEERING TRAINING & LAB SERVICES LTD.

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EXECUTIVE SUMMARY

Bangladesh has been depicting sound growth with Gross Domestic Product (GDP) growth rate ranging over 6% in the last decade. The country is taking rapid strides towards shaping up as a “developed economy” by 2041. The country aims to become efficiency driven economy in the future by focusing on efficient process and technology enablement to produce specialized products and to obviate the import dependency. For the economic development of nation of a country, investment is a crucial component that cannot be overlooked. Bangladesh has a broad market oriented economy and offers the most investor friendly regulatory regime in South Asia. The country provides trainable, enthusiastic, hardworking and competent labor force for labor intensive industries. Bangladesh is a highly populated country. Economic growth will enhance the purchasing power of that population and make the country a significantly big market. Bangladesh is endowed with abundant supply of natural gas, water, and its soil is very fertile. The Geographical location of the country is ideal for global trade with very convenient access to international sea and air route. Current government has targeted to make Bangladesh a middle income country within 2021 by creating economic zones in different investment sectors under the constitution of Bangladesh Economic Zone Authority (BEZA).

Jamalpur Economic Zone is such an initiatives is going to be located at Jamalpur district of Mymensingh Division. It is located between 24°34' and 25°26' North and between 89°40' and 90°12' East. It shares an international border with the Indian state of Meghalaya in the North East, while being surrounded by Kurigram and Sherpur districts in the North, Tangail district in the South, Mymensingh and Sherpur districts in the East, Jamuna River, Bogra, Sirajganj and Gaibandha districts in the West. Total land area of the economic one is 436 acres. **BEZA's Target from Jamalpur Economic Zone** is developing a planned industrial hub in the northern region utilizing agricultural potentials and Leasing out 245 acres of land to potential investors and ensuring direct/ indirect employment of nearly 100 thousand people within next 15 years. In this consequences the potential investment sector will be Agro based industries, Food Processing, Jute and Jute based products, Apparel/RMG, Pharmaceuticals.

Air Quality Monitoring

The condition of environmental quality in the locality of project site serves as the basis for identification, prediction and evaluation of impacts. The environmental quality was assessed

through extensive field visits within the project impact zone for various components of the environment and in order to depict the existing physical environment in the project area.

The result found for ambient air quality monitoring shows concentrations of the SPM, SO₂ and NO₂ in the ambient air. From the results it is discernible that all the parameters are within the permissible limits.

Monitoring of Noise Level

Noise is an important environmental physical pollutant. A survey by the U S. Federal Council of Science and Technology has revealed that noise is a technology generated problem and that the overall loudness of environmental noise doubles every ten years in pace with our social and industrial progress. This geometric progression wise growth of noise could be mind-boggling in view of the ever-increasing pace of technological growth. Noise quality has been measured instantly on the site by Noise level meter. At each location Leq data was taken uninterruptedly for 8 hours. At the time of measurement, whenever there was an interfering effect was also recorded. According to the Department of Environment (ECR-1997), the standard for ambient noise level in the industrial zone is 75 decibels at day & 70 decibels at night. In that case all the results were found within the limit as per DoE Standards.

Monitoring of Surface & Ground Water

Water quality is one of the important indicators of the environment. Surface and Groundwater samples were collected from the water body (old Brahmaputra River) adjacent to the proposed EZ and a tube well respectively to understand the baseline condition of the water quality in the study area. Major physicochemical parameters such as pH, EC and TDS, of the surface water quality were measured in-situ during the field visit while the rests were measured in the lab. For the groundwater, water sample was collected from the tube-wells at the identified area and tested in BEETLSL Environmental Laboratory. All of the parameters of surface and ground water were found within the DoE standard.

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ABBREVIATIONS AND NOTATIONS

ASTM	:	American Society for Testing and Materials
AASHTO	:	American Association of State Highway Transportation Official
BNBC	:	Bangladesh National Building Code
API		American Petroleum Institute
B.M	:	Bench Mark
EGL	:	Existing Ground Level
F.M	:	Fineness Modulus
SBC	:	Safe Bearing Capacity
FoS	:	Factor of Safety
GWT	:	Ground Water Table
KN	:	Kilo Newton
LL	:	Liquid Limit
MN	:	Mega Newton
MPa	:	Mega Pascal
NBC	:	Net Bearing Capacity
TBM	:	Temporary Bench Mark
USCS	:	Unified Soil Classification System
UCT	:	Unconfined Compression Test
UD	:	Undisturbed Sample
Cc	:	Compression index
Cr	:	Recompression index
Cs	;	Swelling index
Cz	:	Coefficient of curvature
Cu	:	Coefficient of uniformity
cu	:	Undrained shear strength
c	:	Apparent cohesion
F	:	Silt factor
Fb	:	Unit end bearing



F_s	:	Unit skin friction
N_c	:	Bearing capacity factor
Q_{ult}	:	Ultimate load bearing capacity
Q_s	:	Friction or shaft friction or side shear of the pile
Q_b	:	Base or tip of the pile
q_u	:	Unconfined compression strength
σ'_z	:	Effective stress
σ	:	Normal stress
τ	:	Shearing stress
ϵ	:	Strain

1 INTRODUCTION

1.1 Project Background

Jamalpur Economic Zone is going to be a government approved multi-sector Economic Zone in the country. Jamalpur is a part of Mymensingh Division and located between 24°34' and 25°26' North and between 89°40' and 90°12' East. It shares an international border with the Indian state of Meghalaya in the North East, while being surrounded by Kurigram and Sherpur districts in the North, Tangail district in the South, Mymensingh and Sherpur districts in the East, Jamuna River, Bogra, Sirajganj and Gaibandha districts in the West. The main town is situated on the bank of the river Brahmaputra, only 140 km (87 mi) north of Dhaka, the national capital and the Jamalpur Economic Zone only 13 KM from the Jamalpur main city. Jamalpur district has comparative advantage in terms of abundant agriculture and livestock resources along with extensive presence of low cost manpower. The Government has strategically proposed an Economic Zone in Jamalpur in order to utilize this resource potential of Jamalpur and other neighboring districts to boost the economic development in this region.

Total land area of the economic one is 436 acres. BEZA's Target from Jamalpur Economic Zone is developing a planned industrial hub in the northern region utilizing agricultural potentials and Leasing out 245 acres of land to potential investors and ensuring direct/ indirect employment of nearly 100 thousand people within next 15 years. In this consequences the potential investment sector will be Agro based industries, Food Processing, Jute and Jute based products, Apparel/RMG, Pharmaceuticals.

1.2 Purpose of the Report

The main purpose of this Environmental Baseline Monitoring Report is to understand the current conditions of the area, and how the project needs to be implemented considering these conditions. Second, it helps us assess and predict the possible environmental changes that could occur, once the project is underway.

1.3 Locations of the Project Areas

Jamalpur is located between 24°34' and 25°26' North and between 89°40' and 90°12' East. It shares an international border with the Indian state of Meghalaya in the North East, while being surrounded by Kurigram and Sherpur districts in the North, Tangail district in the South, Mymensingh and Sherpur districts in the East, Jamuna River, Bogra, Sirajganj and Gaibandha districts in the West.



Figure 1.1: Project location

1.4 Scope of Works

BEETLSL has been engaged by PricewaterhouseCoopers Private Limited (“PwC”) for preparing Environmental Baseline monitoring report of Jamalpur Economic Zone. A baseline study is essential in order to be able to determine the level of impact expected and to enable the monitoring of impacts after the development has occurred. According to the Technical specification, the environmental baseline report of this project includes following scope of work:

- Conducting primary monitoring for ambient air, ambient noise, groundwater and surface water as per the below scope in accordance to Bangladesh DoE, WHO, etc. guidelines;

- Baseline Monitoring report by elaborating sampling, preservation technique, transportation and analysis methodology for each and every parameters;
- The baseline monitoring report must explain results with proper inferences and compare with prevailing standards of DoE-Bangladesh, WHO, etc. and
- Photographs and GPS coordinates for all the monitoring / sampling locations must be taken and should be presented in the report.

Table 1.1: Primary monitoring for ambient air, ambient noise, groundwater and surface water

Environmental Component	Parameters/Activities
Air Quality	SO ₂ , NO ₂ , SPM.
Noise Measurement	(Leq) (8 hours average days and nights as per DoE requirement)
Surface Water Quality	pH, Total Dissolved Solids (TDS), EC, BOD ₅ day, COD, Chlorine.
Groundwater Quality	Total Dissolved Solid (TDS), BOD ₅ , COD, Turbidity, Total Coliform, Fecal Coliform, Total Iron.

2 LEGISLATIVE, REGULATION AND POLICY CONSIDERATION

2.1 The Bangladesh Environment Conservation Act of 1995 (ECA, 1995)

The Bangladesh Environment Conservation Act of 1995 (ECA, 1995) is the key legislation in relation to environment protection in Bangladesh. This Act is promulgated for environment conservation, standards, development, pollution control, and abatement. It has repealed the Environment Pollution Control Ordinance of 1977. The Act has been amended in 2000, 2002, 2007 and 2010. This law governs all environmental degradation and pollution management issues including impacts management due to implementation of any development projects as well.

The main objectives of the Act are:

- Conservation and improvement of the environment; and
- Control and mitigation of pollution of the environment.

The main strategies of the Act can be summarized as:

- Declaration of ecologically critical areas and restriction on the operations and processes, which can or cannot be carried/initiated in the ecologically critical areas;
- Regulations in respect of vehicles emitting smoke harmful for the environment;
- Environmental clearance;
- Regulation of the industries and other development activities' discharge permits;
- Promulgation of standards of ECR (1997) and also IFC HES standards guidelines (whichever is stringent) for quality of air, water, noise and soil for different areas for different purposes;
- Promulgation of a IFC HES thermal power plant standard limit for discharging and emitting waste; and
- Formulation and declaration of environmental guidelines (ECR, 1997).

2.2 The Bangladesh Environment Conservation Act (Amendment), 2000 Focuses on

(1) Ascertaining responsibility for Compensation in cases of damage to ecosystems, (2) increased provision of punitive measures both for fines and imprisonment and (3) fixing authority on cognizance of offences.

2.3 The Bangladesh Environment Conservation Act (Amendment), 2002 Elaborates on

(1) restriction on polluting automobiles, (2) restriction on the sale and production of environmentally harmful items like polythene bags, (3) assistance from law enforcement agencies for environmental actions, (4) break up of punitive measures and (5) authority to try environmental cases.

2.4 The Bangladesh Environment Conservation Act (Amendment), 2010

This act introduces new rules & restriction on: a) Ensure proper management of hazardous wastes to prevent environmental pollution and Health Risk, b) No remarked water body cannot be filled up/changed; in case of national interest; it can be done after getting clearance from the respective department; and c) Emitter of any activities/incident will be bound to control emission of environmental pollutants that exceeds the existing emission standards (d) Government may declare any ecosystem as “Ecologically Critical Area(ECA)” if it appears to be degraded or expected to be degraded and take all precaution measures to protect that ecosystem. In addition, Government shall stop any ongoing activities and will not allow any new developments in the ecosystem after declaration of “Ecologically Critical Area”.

2.5 The Bangladesh Environment Conservation Rules, 1997

This is the first set of rules, promulgated under the ECA, 95 (so far there have been three amendments to this set of rules – February and August 2002 and April 2003). The Environment Conservation Rules of 1997 has provided categorization of industries and Projects and identified types of environmental assessments needed against respective categories of industries or Projects.

Among other things, these rules set (i) the National Environmental Quality Standards for ambient air, various types of water, industrial effluent, emission, noise, vehicular exhaust etc., (ii) the requirement for and procedures to obtain environmental clearance, and (iii) the

requirement for IEE and EIA's according to categories of industrial and other development interventions.

2.6 Noise Pollution (Control) Rules, 2006

Noise Pollution (Control) Rules, 2006 gives the authority to all the Union Councils, Paurasabhas, City Corporations, City Development Authority (i.e. RAJUK, CDA, KDA, RDA etc.) to mark off the areas under their jurisdiction as silent, residential, mixed, commercial or industrial. They should also put signs to mark those areas. The act also describes the approved standard limit of sound in the added schedule 1 and 2. In the schedule 1, silent area means area up-to a radius of 100 meters around hospitals or educational institutions or special institutions/ establishments identified/to be identified by the government. In the silent area it is prohibited to use any kind of horns of vehicles, audio signals and loudspeakers.

2.7 The Bangladesh Water Act 2013

The Bangladesh Water Act. 2013 was passed by the Government on 6 November 2013 to ensure "integrated development, management, abstraction, distribution, use, protection and conservation of water resources". By virtue of this Act, all rights over surface water, ground water, sea water rain water and water in the atmosphere is vested on the State. Notwithstanding the above, "rights over the surface water on any private land shall remain with the owners of such land", and such right to use the water shall be subject to the provision of the Act. Furthermore, under the provisions of this Act, "right to potable water, and to water for hygiene and sanitation shall be treated as the highest priority right".

The Act makes a provision for constituting a National Water Resources Council headed by the Prime Minister. The Council is the highest decision making body and is empowered to make policies, give instructions to develop National Water Resources Plan for integrated development and safe abstraction of water and its proper use to ensure protection and conservation of water resources. The Council is also mandated to approve the National Water Resources Plan and ensure its implementation, as well as give advice to the Government to enter into agreement through signing memorandum of understanding and/or signing conventions and treaty with any Government and international or regional organization to

undertake joint survey, exchange data/information with respect to common water resources and its abstraction and development and undertaking joint measures to prevent pollution of common water resources.

The Act also makes a provision for approving national water resources plan prepared in accordance with the Water Resources Planning Act, 1992 containing among others the following matters namely:

- Analysis of economic , natural, social, political, environmental, and ecological and institutional elements, characteristics and impact of water resources;
- Integrated use of surface and ground water emphasizing the highest possible use of rain water;
- Determination of water quality standard;
- Fixation of priority of water use.

The Act also makes further provision for:

- declaration of water stress area and management thereof;
- preferential use of water in the water stress area and exemption thereof;
- fixing the lowest safe yield level of aquifer and restrictions on abstracting groundwater; and
- Protection of flood control embankment, which states “to ensure the sustainability of the flood control embankment, no person shall, without the permission of the appropriate authority, be allowed to construct any house, establishment or any other structure on, or on the slope of such embankment.”

Finally, if anybody deliberately violates or ignore the responsibility or protection under this Act, in that case, under the provisions of sub-section (2), she/he will get maximum of 5 years imprisonment or maximum Tk. 10,000 as financial punishment or both the punishments.

2.8 IFC Safeguard Policies

The International Finance Corporation (IFC) developed its Sustainability Framework in 2006, which articulates its strategic commitment to sustainable development. The IFC's Environmental and Social Performance Standards, part of the overall Sustainability Framework, have been adopted by many as an international benchmark for identifying and managing environmental and social risks within the private sector.

3 METHODOLOGY

3.1 Sampling Details

Sampling location for primary monitoring for ambient air, ambient noise, ground-water and surface water are given below:

Table 3.1: Sampling locations for primary monitoring of ambient air, ambient noise, groundwater and surface water

Environmental Component	Number of Sample	Geographical Location	
		Latitude	Longitude
Air Quality	01	24° 55' 30.846"	89° 58' 29.9994"
Noise Measurement	01	24° 55' 30.6732"	89° 58' 29.7906"
Groundwater Quality	01	24° 55' 11.4528"	89° 58' 37.362"
Surface Water Quality	01	24° 55' 24.2466"	89° 58' 33.5928"



Figure 3.1: Location map of the Sample Collection Point

Sample were collected with following time duration:

Table 3.2: Time Duration of Sample Collection

Date & Time	Day Time (January 16, 2021) AM										Night Time (January 16, 2021) PM						Night Time (January 17, 2021) AM					Day Time (January 17, 2021) PM		
	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04		05	06
Air Quality																								
Noise Measurement																								
Groundwater Quality																								
Surface Water Quality																								

3.2 Methodology of Determining Air Quality Parameters

Ambient air sample is collected from the site using Respirable Dust Sampler Lata Envirotech APM-860 for SPM with an attachment APM 411TE to measure ambient gaseous compounds (SO₂, NO₂). The APM 860 system is a manual method for sampling SPM and is based on impactor designs standardized by USEPA for ambient air quality monitoring. The collected samples are analyzed as per standard procedure to determine all parameters in the BEETLSL laboratory.

3.2.1 SPM (Suspended Particulate Matter) Gravimetric Method

*Filter Preparation –Expose each filter to the light source and inspect for pinholes, particles and other imperfection s hall not are used. A small brush is useful for removing particles. Equilibrate the filters in the filter conditioning environment for 24 hours. Weigh the filters to the nearest milligram; record tare and filter identification number. Do not bend or fold the filter before collection of the sample.

*Sample Collection: Open the shelter. Loosen the wing nuts, and remove the face plate from the filter holder. Install the numbered, pre-weighed, glass-fiber filter in position (rough side up). Replace the face plate without disturbing the filter and fasten securely under tightening will allow air leakage. Over tightening will damage the sponge-rubber face plate gasket. A very light application of talcum powder may be used on the sponge-rubber face-plate gasket to prevent the filter from sticking. During inclement weather the sampler may be removed to a protected area for filter change.

*Close the roof of the shelter run the sampler for about 5 minutes, connect the rotameter to the nipple on the lock of the sampler and lead the rotameter ball with rotameter in the vertical position. Estimate to the nearest whole number. If the ball is fluctuating rapidly, tap the rotameter and slowly straighten it until the ball gives a constant reading. Disconnect the rotameter from the nipple; record the initial rotameter reading and the starting time and date on the filter holder. Note – The rotameter should never be connected to the sampler except when the flow is being measured.

*Collect the sample for 24 hours and take a final rotameter reading. Record the final rotameter reading and ending time and date on the filter holder. Remove the face-plate as described above and carefully remove the filter from the holder, touching only the outer edges. Fold the filter lengthways so that only surfaces with collected particulate are in contact and place in special folder. Record on the folder the filter number. Location and any other factors, such as meteorological conditions or razing of nearby buildings that might affect the results.

3.2.2 Sulfur Dioxide (SO₂): Principle of west-geake method:

When air containing SO₂ is bubbled through potassium tetrachloromercurate solution (absorbent) taken in the impinge, SO₂ forms a stable dichlorosulphitomercurate complex (DCSM). This complex is not oxidized by the oxygen of air of that remains dissolved in the absorbent containing DCSM is then treated with pararosaniline and formaldehyde to form an intense red-violet color . The intensity of this occurrence is directly related to the amount of SO₂ absorbed and is measured colorimetrically by spectrophotometer . The quantity of SO₂ is then obtained from a calibration curve prepared earlier. The absorbed are relatively stable. Losses of

SO₂ from the sample may occur at a rate of one percent per day at 22°C. No measurable loss is found to occur when stored at 5°C for 30 days.

3.2.3 Nitrogen Dioxide (NO₂):

Measurement of Nitrogen Dioxide in Ambient Air:

Principle: NO₂ is absorbed in an alkaline solution (NaOH-sodium arsenite solution) where it forms sodium nitrite which is quite stable. The solution is then freed of possible SO₂ interference, by treatment with H₂O₂ and acidified. The nitrite ion reacts with sulphanilamide phosphoric acid solution to form a diazonium salt which couples with NEDA to form a deep colored azo dye. Absorbance due to this color is measured in spectrophotometer against a blank. **Analysis Procedure:**

- At the end of the stipulated sampling period note the flowmeter reading and switch off the air pump.
- Make up the exposed absorbent volume to 20 ml with distilled water to compensate for any loss of water due to evaporation during sampling.
- Transfer by pipetting 10 ml of the exposed absorbent into a test tube. Add 1.0 ml of H₂O₂ solution, 10.0 of sulphanilamide solution and 1.4 ml of NEDA with thorough mixing after the addition of each reagent. A 10ml unexposed absorbent taken in another test tube and treated similarly serves as the reagent blank for colorimetry.
- After 10 min color development period, the absorbance/transmittance of the exposed sample is measured with a spectrophotometer at 540nm against the reagent blank, microgram of NO₂ per ml is read from the calibration curve. .



Figure 3.2: Air Quality Test

3.3 Methodology of Noise Level Analysis

The noise levels were measured with the help of a portable precision digital sound level meter (Model-SI-4033DS, made in Taiwan). The instrument calibration was achieved using manufacturer supplied pistaphone calibrator capable of producing known sound pressure level. Sampling was done to measure the Sound Level for day time and night time of the Jamalpur Economic Zone.

During the sampling procedure, the instruction stated in the Work Instruction **EN-N_00** was followed.

Instrument Specification is given below:

Table 3.3: Instrument Specification for Noise Level

Instrument Name	Resolution	Measuring Range	Accuracy
Digital Sound Level Meter	0.1 dB.	35 to 130 dB.	± 5 dB.



Figure 3.3: Noise Inspection

3.4 Methodology of Surface water quality Test:

Surface water quality parameters such as, pH, Total Dissolved Solids (TDS), EC, BOD₅, COD, Chlorine were measure among which major physicochemical properties such as pH, EC, TDS were measure in-situ during the field visit while the rests were measured in the laboratory. Values of different parameters of the surface water quality with reference to the DoE standard are given in result and discussion part. For Surface water quality test APHA22ndEDN.2012 guideline was followed.



Figure 3.4: Surface Water Sample Collection

3.5 Methodology of Ground water Quality Test:

Groundwater samples have been collected from the tube wells of the nearby community of the study area to understand the groundwater quality. The sample has been investigated from laboratory test. For Ground water quality test APHA 22nd EDN.2012 guideline was followed.



Figure 3.5: Ground Water Sample Collection

4 RESULT AND DISCUSSION:

4.1 Ambient Air Quality Monitoring Result:

Project Name	Jamalpur Economic Zone
Project Location	Satpakiya Purbopara, ChaorPakhimari Union , Sherpur Sador, Sherpur.
Geographical Location	24° 55' 30.846" & 89° 58' 29.9994"
Sampling Date	December 30, 2021 (8.00 AM) to December 31, 2021 (7.59 AM)
Reporting Date	January 24, 2021
Sample Collector	BEETLSL Team

Table 4.1: Test Result of Ambient Air Quality Analysis

Paramet er	Unit	Concentration Presentat AQ 1 (Longitude: 91.412643° Latitude: 22.783037°)	IFC Standard mg/m ³	Bangladesh Standard**	Duration (hours)	Method Analysis	of
SPM	µg/m ³	176	-	200	24 Hr	Gravimetric	
SO ₂	µg/m ³	34	125	365	24 Hr	West- Geake	
NO ₂	µg/m ³	45	200 (1 Hr)	NYS	24 Hr	Jacob and Hochheiser	

Note:

- The Bangladesh National Ambient Air Quality Standards have been taken from the Environmental Conservation Rules, 1997 which was amended on 19th July 2005 vide S.R.O. No. 220-Law/2005.



- WHO Ambient Air Quality Guideline Values (2005 and 2000), which are also being referred in the World Bank and IFC's General EHS Guidelines (2007)
- NYS: Not Yet Standardized

Description of the Surrounding Environment

Table 4.2: Description of the Surrounding Environment

Location	Sample site description
Jamalpur Economic Zone	<ul style="list-style-type: none"> ➤ Weather Condition: <ul style="list-style-type: none"> • Weather: Sunny • Temperature 24° C, • Wind: 5 km/h • Humidity: 67% ➤ Sampling site was open area. ➤ No traffic congestion were observed in there. ➤ Very low people movement was observed in there.

Comments: Air sample has been carried out by high volume dust sampler at the identified geographical location of the Jamalpur Economic Zone. Approved analytical methods have been applied for estimation of air pollutants. The level of concentrations of air pollutants were within the limit of Environmental Conservation Rules 1997 of Bangladesh (Amendment 2005) and IFC's General EHS Guidelines (2007).

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4.2 Noise Inspection Results:

Project Name	Jamalpur Economic Zone
Project Location	Satpakiya Purbopara, ChaorPakhimari Union , Sherpur Sador, Sherpur.
Geographical Location	24° 55' 30.6732" & 89° 58' 29.7906"
Sampling Date	December 30, 2021 (9.00 AM) to December 31, 2021 (2.00 AM)
Reporting Date	January 24, 2020
Sample Collector	BEETLSL Team

Test Method:

The noise levels were measured with the help of a portable precision digital sound level meter (Model-SI-4033DS, made in Taiwan). The instrument calibration was achieved using manufacturer supplied pistaphone calibrator capable of producing known sound pressure level.

Instrument's Specifications:

Instrument Name	Digital Sound Level Meter	Resolution	0.1 dB.
Measuring Range	35 to 130 dB.	Accuracy	± 5 dB.

Table 4.3: Inspection Result of Noise Level

Sample ID	Sample Location	Land Use Category	Time				Noise Level (dBA) (LAeq)	
			Day		Night		Day	Night
			Start	End	Start	End		
N1	Jamalpur Economic Zone	Industrial Zone	8.00 AM	3.59 PM	5.00 PM	12.59 AM	67.8	49.9
Noise level standard:								
Bangladesh ECR - 1997 Standard for			Day Time		Night Time			
Industrial area			75		70			
Commercial			70		60			
Mixed area			60		50			
Residential area			55		45			
World Bank / IFC Standard			Day Time		Night Time			
Industrial area			70		70			
Residential; Intuitional; Educational			55		45			

Notes:

- Land use category is based on the classification provided in the Noise Pollution Control Rules (2006)
- Abbreviation: NM- Noise Measurement, dB- decibel

Location	Sample site description
Jamalpur Economic Zone	<ul style="list-style-type: none"> ➤ Weather Condition: <ul style="list-style-type: none"> • Weather: Sunny • Temperature 24° C, • Wind: 5 km/h • Humidity: 67% ➤ Sampling site was open area. ➤ No traffic congestion were observed in there. ➤ Very low people movement was observed in there

Comments: In-situ noise levels for both day and night time have collected from the sample locations of the Jamalpur Economic Zone. **LAeq** data of 8 hours represent that the noise levels were found below the standard limit of Department of Environment, Govt. of Bangladesh and IFC/WB standard.

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4.3 Surface Water Quality test result

Sample Ref. No : 2020.12.SW-30		Delivery Date : 24.01.2021	
Sample Location : Jamalpur Economic Zone		Address: Satpakiya Purbopara, ChaorPakhimari Union , Sherpur Sador, Sherpur.	
Sample Collected by : BEETLSL Team		Sampling Date : 30.12.2021	
Client Rf. No. & Date: 2020.12-BEETLSL-30; 24.01. 2021		Geographical Location: 24°55'11.4528" & 89° 58' 37.362"	
Name of Test :	Physical/ Chemical/ Biological Analysis of Surface Water		

Table 4.4: Test Report of Surface Water (River Water)

SL No.	Surface Water Upstream	Concentration Present	Unit	ECR 1997 Standard for Surface Water	Methods of Analysis
1.	P ^H	7.6	mg/L	6-9	APHA 22 nd EDN.2012 (4500H+B)
2.	Electrical Conductivity (EC)	135	μS/cm	1200	APHA22 nd EDN.2012 (2510 B)
3.	Total Dissolved Solids (TDS)	68	mg/L	2100	APHA 22 nd EDN.2012 (2540C)
4.	BOD ₅	25.8	mg/L	50	APHA 22 nd EDN.2012



					(5210 B)
5.	COD	37.9	mg/L	200	APHA 22 nd EDN.2012 (5220 B)
6.	Chloride (Cl) ⁻	27	mg/L	600	APHA22 nd EDN.2012 (4500 Cl ⁻)

Comment:

Surface water samples were collected on 30th December, 2020. The locations along with results are given in Table 4.3. The test result shows that all the tested parameters are within the national standard set by government of Bangladesh.

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4.4 Ground Water Quality test result

Sample Ref. No : 2020.12.DW-30		Delivery Date : 24.01.2021	
Sample Location : Jamalpur Economic Zone		Address: Satpakiya Purbopara, ChaurPakhimari Union , Sherpur Sador, Sherpur.	
Sample Collected by : BEETLSL Team		Sampling Date : 30.12.2021	
Client Rf. No. & Date: 2020.12-BEETLSL-30; 24.01. 2021		Geographic Location: 24° 55' 24.2466" & 89° 58' 33.5928"	
Name of Test :	Physical/ Chemical/ Biological Analysis of Ground Water.		

Table 4.5: Test Report of Ground Water (Tubewell Water)

SL No.	Ground Water Upstream	Concentration Present	Unit	ECR 1997 Standard for Drinking Water	Methods of Analysis
1.	Total Dissolved Solids (TDS)	97	mg/L	1000	APHA22nd EDN.2012 (2540C)
2.	BOD	0.1	mg/L	0.2	APHA22nd EDN.2012 (5210 B)
3.	COD	1.5	mg/L	4	APHA22nd EDN.2012

					(5220 B)
4.	Turbidity	2.6	NTU	10	APHA22nd EDN.2012 (2130 B)
5.	Total Coliform(TC)	00	CFU/100 ml	0.00	APHA22nd EDN.2012 (9222H)
6.	Fecal Coliform(FC)	00	CFU/100 ml	0.00	APHA22nd EDN.2012 (9222B)
7.	Total Iron (Fe)	0.6	mg/L	0.3-1.0	APHA22nd EDN.2012 (3500- Fe)

Comment:

Ground water samples were collected from project area on 30th January, 2020. The locations along with results are given in Table 4.4. The test result shows that all of the tested parameters are within the national standard set by government of Bangladesh.

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5 INTERPRETATION

5.1 Air Quality Monitoring Report:

Particulate Matter (SPM):

Particulate matter is the general term used to describe a mixture of solid and liquid particles in air including dust, soot, smoke, and dirt. Normally SPM is partial matter less than 100 micron, Exposure of this SPM can cause respiratory morbidity, impaired lung function and irritation. It may also be carcinogenic. This pollution is sometimes referred to as “black carbon pollution”. Ambient air quality report reflects that SPM is within the standard according the Bangladesh Ambient Air Quality Standard ECR 1997, Schedule 2 so that it can be interpret that the air is good for human health and other living thing.

Gaseous Pollutant NO₂ :

Oxides of Nitrogen are a noxious gas. It's highly reactive and formed when fuel is burned at high temperature. The main sources are motor vehicles, engine water vessel with, generator and industrial fuel burning instruments. Nitrogen dioxide can cause respiratory problems. It can also take part in the chemical reactions in the atmosphere to form corrosive nitric acid and can also react with sunlight to form ground level ozone Long term exposure can decrease lung function, increase the risk of respiratory conditions and increases the response to allergens. Results revealed that concentration of NO₂ is within the standard of WHO Ambient Air Quality Guideline Values (2005 and 2000), which are also being referred in the World Bank and IFC's General EHS Guidelines (2007) On the other hand DoE yet not set any standard on it.

Gaseous Pollutant SO₂:

Sulfur dioxide (SO_x) is a gas that is often produced in the burning of fossil fuels containing Sulphur. It can cause respiratory problems and damage vegetation. Sulfur dioxide dissolves easily in water and therefore can contribute to acid rain, once it released into the atmosphere. To know the concentration of SO₂ ambient air quality was tested. Results revealed that

concentration of SO₂ is within the standard of according the Bangladesh Ambient Air Quality Standard ECR 1997, Schedule 2 so that it can be interpret that the air is good for human health, agriculture and other living thing. As well as it will not contribute to create acid rain.

5.2 Interpretation on Noise Inspection Report:

Exposure to loud noise can also cause high blood pressure, heart disease, sleep disturbances, and stress. Noise pollution also impacts the environmental health and well-being of wildlife. Study area falls on industrial area. Day time and night time data was monitored. Results revealed that noise level is within the standard of according the ECR 1997, Schedule 4 so that it can be interpret that present sound level is good for human health and other living thing. However during construction period noise level may increase.

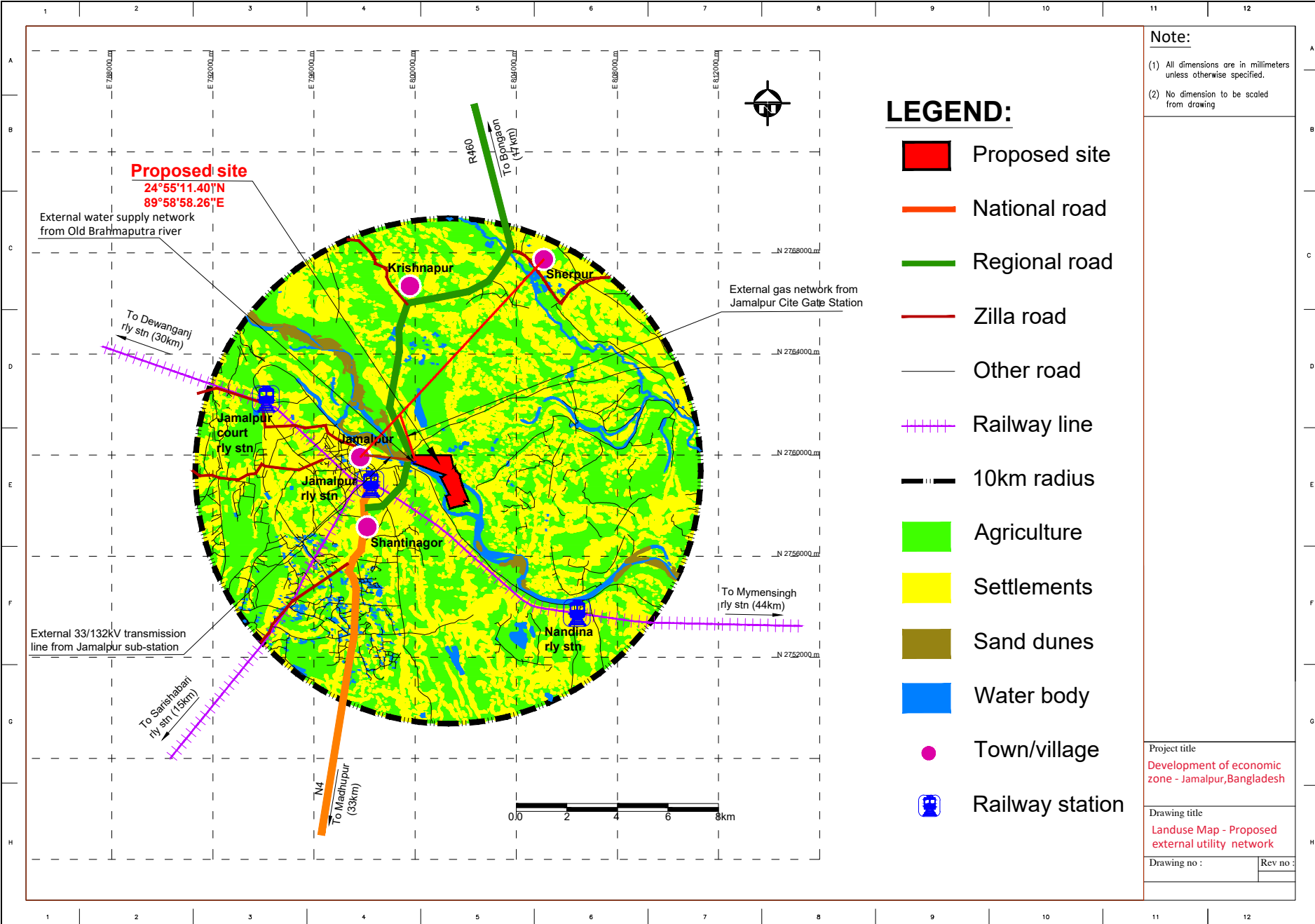
5.3 Interpretation on Ground water Test Report:

Ground water samples were collected from project area. The locations along with results are given in Table 4.4. The test result shows that all the tested parameters are within the national standard set by government of Bangladesh. This results indicates that ground water is not polluted with any types of pollutants and it is safe for human health.

5.4 Interpretation on Surface Water Test Report:

Surface water samples were collected from the project site. The locations along with results are given in Table 4.3. The test result shows that all the tested parameters are within the national standard set by government of Bangladesh. This results indicates that this surface water is safe for aquatic biodiversity.

15.37. Annexure 37 – Land Use Map for 10kms radius from the proposed EZ



LEGEND:

- Proposed site
- National road
- Regional road
- Zilla road
- Other road
- Railway line
- 10km radius
- Agriculture
- Settlements
- Sand dunes
- Water body
- Town/village
- Railway station

Note:
 (1) All dimensions are in millimeters unless otherwise specified.
 (2) No dimension to be scaled from drawing

Project title	
Development of economic zone - Jamalpur, Bangladesh	
Drawing title	
Landuse Map - Proposed external utility network	
Drawing no :	Rev no :

15.38. Annexure 38 – High Flood Level data of the region

River	StationID	Station Name	Date	WL(m)
Old Brahmaputra	SW225	Jamalpur	01-Jan-50	12.19
Old Brahmaputra	SW225	Jamalpur	02-Jan-50	12.19
Old Brahmaputra	SW225	Jamalpur	03-Jan-50	12.19
Old Brahmaputra	SW225	Jamalpur	04-Jan-50	12.19
Old Brahmaputra	SW225	Jamalpur	05-Jan-50	12.18
Old Brahmaputra	SW225	Jamalpur	06-Jan-50	12.18
Old Brahmaputra	SW225	Jamalpur	07-Jan-50	12.18
Old Brahmaputra	SW225	Jamalpur	08-Jan-50	12.16
Old Brahmaputra	SW225	Jamalpur	09-Jan-50	12.16
Old Brahmaputra	SW225	Jamalpur	10-Jan-50	12.16
Old Brahmaputra	SW225	Jamalpur	11-Jan-50	12.15
Old Brahmaputra	SW225	Jamalpur	12-Jan-50	12.15
Old Brahmaputra	SW225	Jamalpur	13-Jan-50	12.15
Old Brahmaputra	SW225	Jamalpur	14-Jan-50	12.15
Old Brahmaputra	SW225	Jamalpur	15-Jan-50	12.13
Old Brahmaputra	SW225	Jamalpur	16-Jan-50	12.13
Old Brahmaputra	SW225	Jamalpur	17-Jan-50	12.13
Old Brahmaputra	SW225	Jamalpur	18-Jan-50	12.13
Old Brahmaputra	SW225	Jamalpur	19-Jan-50	12.13
Old Brahmaputra	SW225	Jamalpur	20-Jan-50	12.13
Old Brahmaputra	SW225	Jamalpur	21-Jan-50	12.13
Old Brahmaputra	SW225	Jamalpur	22-Jan-50	12.11
Old Brahmaputra	SW225	Jamalpur	23-Jan-50	12.11
Old Brahmaputra	SW225	Jamalpur	24-Jan-50	12.11
Old Brahmaputra	SW225	Jamalpur	25-Jan-50	12.1
Old Brahmaputra	SW225	Jamalpur	26-Jan-50	12.1
Old Brahmaputra	SW225	Jamalpur	27-Jan-50	12.1
Old Brahmaputra	SW225	Jamalpur	28-Jan-50	12.09
Old Brahmaputra	SW225	Jamalpur	29-Jan-50	12.07
Old Brahmaputra	SW225	Jamalpur	30-Jan-50	12.07
Old Brahmaputra	SW225	Jamalpur	31-Jan-50	12.07
Old Brahmaputra	SW225	Jamalpur	01-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	02-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	03-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	04-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	05-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	06-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	07-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	08-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	09-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	10-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	11-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	12-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	13-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	14-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	15-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	16-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	17-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	18-Feb-50	12.07

Old Brahmaputra	SW225	Jamalpur	19-Feb-50	12.07
Old Brahmaputra	SW225	Jamalpur	20-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	21-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	22-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	23-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	24-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	25-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	26-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	27-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	28-Feb-50	12.06
Old Brahmaputra	SW225	Jamalpur	01-Mar-50	12.04
Old Brahmaputra	SW225	Jamalpur	02-Mar-50	12.02
Old Brahmaputra	SW225	Jamalpur	03-Mar-50	11.98
Old Brahmaputra	SW225	Jamalpur	04-Mar-50	11.98
Old Brahmaputra	SW225	Jamalpur	05-Mar-50	11.95
Old Brahmaputra	SW225	Jamalpur	06-Mar-50	11.94
Old Brahmaputra	SW225	Jamalpur	07-Mar-50	11.92
Old Brahmaputra	SW225	Jamalpur	08-Mar-50	11.9
Old Brahmaputra	SW225	Jamalpur	09-Mar-50	11.89
Old Brahmaputra	SW225	Jamalpur	10-Mar-50	11.85
Old Brahmaputra	SW225	Jamalpur	11-Mar-50	11.78
Old Brahmaputra	SW225	Jamalpur	12-Mar-50	11.73
Old Brahmaputra	SW225	Jamalpur	13-Mar-50	11.72
Old Brahmaputra	SW225	Jamalpur	14-Mar-50	11.7
Old Brahmaputra	SW225	Jamalpur	15-Mar-50	11.7
Old Brahmaputra	SW225	Jamalpur	16-Mar-50	11.7
Old Brahmaputra	SW225	Jamalpur	17-Mar-50	11.7
Old Brahmaputra	SW225	Jamalpur	18-Mar-50	11.7
Old Brahmaputra	SW225	Jamalpur	19-Mar-50	11.7
Old Brahmaputra	SW225	Jamalpur	20-Mar-50	11.7
Old Brahmaputra	SW225	Jamalpur	21-Mar-50	11.72
Old Brahmaputra	SW225	Jamalpur	22-Mar-50	11.73
Old Brahmaputra	SW225	Jamalpur	23-Mar-50	11.76
Old Brahmaputra	SW225	Jamalpur	24-Mar-50	11.82
Old Brahmaputra	SW225	Jamalpur	25-Mar-50	11.85
Old Brahmaputra	SW225	Jamalpur	26-Mar-50	11.9
Old Brahmaputra	SW225	Jamalpur	27-Mar-50	11.92
Old Brahmaputra	SW225	Jamalpur	28-Mar-50	11.95
Old Brahmaputra	SW225	Jamalpur	29-Mar-50	11.95
Old Brahmaputra	SW225	Jamalpur	30-Mar-50	11.94
Old Brahmaputra	SW225	Jamalpur	31-Mar-50	11.31
Old Brahmaputra	SW225	Jamalpur	01-Apr-50	11.89
Old Brahmaputra	SW225	Jamalpur	02-Apr-50	11.89
Old Brahmaputra	SW225	Jamalpur	03-Apr-50	11.89
Old Brahmaputra	SW225	Jamalpur	04-Apr-50	11.88
Old Brahmaputra	SW225	Jamalpur	05-Apr-50	11.85
Old Brahmaputra	SW225	Jamalpur	06-Apr-50	11.84
Old Brahmaputra	SW225	Jamalpur	07-Apr-50	11.82
Old Brahmaputra	SW225	Jamalpur	08-Apr-50	11.82
Old Brahmaputra	SW225	Jamalpur	09-Apr-50	11.8

Old Brahmaputra	SW225	Jamalpur	10-Apr-50	11.65
Old Brahmaputra	SW225	Jamalpur	11-Apr-50	11.8
Old Brahmaputra	SW225	Jamalpur	12-Apr-50	11.78
Old Brahmaputra	SW225	Jamalpur	13-Apr-50	11.78
Old Brahmaputra	SW225	Jamalpur	14-Apr-50	11.78
Old Brahmaputra	SW225	Jamalpur	15-Apr-50	11.78
Old Brahmaputra	SW225	Jamalpur	16-Apr-50	11.78
Old Brahmaputra	SW225	Jamalpur	17-Apr-50	11.78
Old Brahmaputra	SW225	Jamalpur	18-Apr-50	11.78
Old Brahmaputra	SW225	Jamalpur	19-Apr-50	11.78
Old Brahmaputra	SW225	Jamalpur	20-Apr-50	11.78
Old Brahmaputra	SW225	Jamalpur	21-Apr-50	11.77
Old Brahmaputra	SW225	Jamalpur	22-Apr-50	11.77
Old Brahmaputra	SW225	Jamalpur	23-Apr-50	11.78
Old Brahmaputra	SW225	Jamalpur	24-Apr-50	11.78
Old Brahmaputra	SW225	Jamalpur	25-Apr-50	11.8
Old Brahmaputra	SW225	Jamalpur	26-Apr-50	11.84
Old Brahmaputra	SW225	Jamalpur	27-Apr-50	12.01
Old Brahmaputra	SW225	Jamalpur	28-Apr-50	12.17
Old Brahmaputra	SW225	Jamalpur	29-Apr-50	12.4
Old Brahmaputra	SW225	Jamalpur	30-Apr-50	12.27
Old Brahmaputra	SW225	Jamalpur	01-May-50	12.31
Old Brahmaputra	SW225	Jamalpur	02-May-50	12.32
Old Brahmaputra	SW225	Jamalpur	03-May-50	12.36
Old Brahmaputra	SW225	Jamalpur	04-May-50	12.39
Old Brahmaputra	SW225	Jamalpur	05-May-50	12.4
Old Brahmaputra	SW225	Jamalpur	06-May-50	12.44
Old Brahmaputra	SW225	Jamalpur	07-May-50	12.47
Old Brahmaputra	SW225	Jamalpur	08-May-50	12.49
Old Brahmaputra	SW225	Jamalpur	09-May-50	12.75
Old Brahmaputra	SW225	Jamalpur	10-May-50	12.98
Old Brahmaputra	SW225	Jamalpur	11-May-50	13.05
Old Brahmaputra	SW225	Jamalpur	12-May-50	12.95
Old Brahmaputra	SW225	Jamalpur	13-May-50	12.89
Old Brahmaputra	SW225	Jamalpur	14-May-50	12.81
Old Brahmaputra	SW225	Jamalpur	15-May-50	12.8
Old Brahmaputra	SW225	Jamalpur	16-May-50	12.8
Old Brahmaputra	SW225	Jamalpur	17-May-50	12.76
Old Brahmaputra	SW225	Jamalpur	18-May-50	12.71
Old Brahmaputra	SW225	Jamalpur	19-May-50	12.69
Old Brahmaputra	SW225	Jamalpur	20-May-50	12.65
Old Brahmaputra	SW225	Jamalpur	21-May-50	12.61
Old Brahmaputra	SW225	Jamalpur	22-May-50	12.59
Old Brahmaputra	SW225	Jamalpur	23-May-50	12.57
Old Brahmaputra	SW225	Jamalpur	24-May-50	12.56
Old Brahmaputra	SW225	Jamalpur	25-May-50	12.56
Old Brahmaputra	SW225	Jamalpur	26-May-50	12.66
Old Brahmaputra	SW225	Jamalpur	27-May-50	12.81
Old Brahmaputra	SW225	Jamalpur	28-May-50	12.98
Old Brahmaputra	SW225	Jamalpur	29-May-50	13.16

Old Brahmaputra	SW225	Jamalpur	30-May-50	13.42
Old Brahmaputra	SW225	Jamalpur	31-May-50	13.49
Old Brahmaputra	SW225	Jamalpur	01-Jun-50	13.52
Old Brahmaputra	SW225	Jamalpur	02-Jun-50	13.55
Old Brahmaputra	SW225	Jamalpur	03-Jun-50	13.52
Old Brahmaputra	SW225	Jamalpur	04-Jun-50	13.52
Old Brahmaputra	SW225	Jamalpur	05-Jun-50	13.52
Old Brahmaputra	SW225	Jamalpur	06-Jun-50	13.49
Old Brahmaputra	SW225	Jamalpur	07-Jun-50	13.56
Old Brahmaputra	SW225	Jamalpur	08-Jun-50	13.72
Old Brahmaputra	SW225	Jamalpur	09-Jun-50	13.91
Old Brahmaputra	SW225	Jamalpur	10-Jun-50	13.98
Old Brahmaputra	SW225	Jamalpur	11-Jun-50	14.02
Old Brahmaputra	SW225	Jamalpur	12-Jun-50	14.2
Old Brahmaputra	SW225	Jamalpur	13-Jun-50	14.47
Old Brahmaputra	SW225	Jamalpur	14-Jun-50	14.76
Old Brahmaputra	SW225	Jamalpur	15-Jun-50	14.97
Old Brahmaputra	SW225	Jamalpur	16-Jun-50	15.1
Old Brahmaputra	SW225	Jamalpur	17-Jun-50	15.19
Old Brahmaputra	SW225	Jamalpur	18-Jun-50	15.21
Old Brahmaputra	SW225	Jamalpur	19-Jun-50	15.19
Old Brahmaputra	SW225	Jamalpur	20-Jun-50	15.19
Old Brahmaputra	SW225	Jamalpur	21-Jun-50	15.18
Old Brahmaputra	SW225	Jamalpur	22-Jun-50	15.26
Old Brahmaputra	SW225	Jamalpur	23-Jun-50	15.26
Old Brahmaputra	SW225	Jamalpur	24-Jun-50	15.28
Old Brahmaputra	SW225	Jamalpur	25-Jun-50	15.3
Old Brahmaputra	SW225	Jamalpur	26-Jun-50	15.32
Old Brahmaputra	SW225	Jamalpur	27-Jun-50	15.38
Old Brahmaputra	SW225	Jamalpur	28-Jun-50	15.41
Old Brahmaputra	SW225	Jamalpur	29-Jun-50	15.47
Old Brahmaputra	SW225	Jamalpur	30-Jun-50	15.44
Old Brahmaputra	SW225	Jamalpur	01-Jul-50	15.43
Old Brahmaputra	SW225	Jamalpur	02-Jul-50	15.44
Old Brahmaputra	SW225	Jamalpur	03-Jul-50	15.48
Old Brahmaputra	SW225	Jamalpur	04-Jul-50	15.53
Old Brahmaputra	SW225	Jamalpur	05-Jul-50	15.59
Old Brahmaputra	SW225	Jamalpur	06-Jul-50	15.65
Old Brahmaputra	SW225	Jamalpur	07-Jul-50	15.7
Old Brahmaputra	SW225	Jamalpur	08-Jul-50	15.77
Old Brahmaputra	SW225	Jamalpur	09-Jul-50	15.84
Old Brahmaputra	SW225	Jamalpur	10-Jul-50	15.89
Old Brahmaputra	SW225	Jamalpur	11-Jul-50	15.91
Old Brahmaputra	SW225	Jamalpur	12-Jul-50	15.91
Old Brahmaputra	SW225	Jamalpur	13-Jul-50	15.89
Old Brahmaputra	SW225	Jamalpur	14-Jul-50	15.86
Old Brahmaputra	SW225	Jamalpur	15-Jul-50	15.85
Old Brahmaputra	SW225	Jamalpur	16-Jul-50	15.85
Old Brahmaputra	SW225	Jamalpur	17-Jul-50	15.83
Old Brahmaputra	SW225	Jamalpur	18-Jul-50	15.78

Old Brahmaputra	SW225	Jamalpur	19-Jul-50	15.75
Old Brahmaputra	SW225	Jamalpur	20-Jul-50	15.72
Old Brahmaputra	SW225	Jamalpur	21-Jul-50	15.7
Old Brahmaputra	SW225	Jamalpur	22-Jul-50	15.65
Old Brahmaputra	SW225	Jamalpur	23-Jul-50	15.61
Old Brahmaputra	SW225	Jamalpur	24-Jul-50	15.56
Old Brahmaputra	SW225	Jamalpur	25-Jul-50	15.53
Old Brahmaputra	SW225	Jamalpur	26-Jul-50	15.48
Old Brahmaputra	SW225	Jamalpur	27-Jul-50	15.43
Old Brahmaputra	SW225	Jamalpur	28-Jul-50	15.38
Old Brahmaputra	SW225	Jamalpur	29-Jul-50	15.31
Old Brahmaputra	SW225	Jamalpur	30-Jul-50	15.21
Old Brahmaputra	SW225	Jamalpur	31-Jul-50	15.1
Old Brahmaputra	SW225	Jamalpur	01-Aug-50	15.01
Old Brahmaputra	SW225	Jamalpur	02-Aug-50	14.96
Old Brahmaputra	SW225	Jamalpur	03-Aug-50	14.93
Old Brahmaputra	SW225	Jamalpur	04-Aug-50	14.9
Old Brahmaputra	SW225	Jamalpur	05-Aug-50	14.85
Old Brahmaputra	SW225	Jamalpur	06-Aug-50	14.83
Old Brahmaputra	SW225	Jamalpur	07-Aug-50	14.81
Old Brahmaputra	SW225	Jamalpur	08-Aug-50	14.8
Old Brahmaputra	SW225	Jamalpur	09-Aug-50	14.74
Old Brahmaputra	SW225	Jamalpur	10-Aug-50	14.72
Old Brahmaputra	SW225	Jamalpur	11-Aug-50	14.65
Old Brahmaputra	SW225	Jamalpur	12-Aug-50	14.59
Old Brahmaputra	SW225	Jamalpur	13-Aug-50	14.52
Old Brahmaputra	SW225	Jamalpur	14-Aug-50	14.48
Old Brahmaputra	SW225	Jamalpur	15-Aug-50	14.4
Old Brahmaputra	SW225	Jamalpur	16-Aug-50	14.45
Old Brahmaputra	SW225	Jamalpur	17-Aug-50	14.55
Old Brahmaputra	SW225	Jamalpur	18-Aug-50	14.75
Old Brahmaputra	SW225	Jamalpur	19-Aug-50	14.99
Old Brahmaputra	SW225	Jamalpur	20-Aug-50	15.19
Old Brahmaputra	SW225	Jamalpur	21-Aug-50	15.41
Old Brahmaputra	SW225	Jamalpur	22-Aug-50	15.6
Old Brahmaputra	SW225	Jamalpur	23-Aug-50	15.73
Old Brahmaputra	SW225	Jamalpur	24-Aug-50	15.81
Old Brahmaputra	SW225	Jamalpur	25-Aug-50	15.85
Old Brahmaputra	SW225	Jamalpur	26-Aug-50	15.85
Old Brahmaputra	SW225	Jamalpur	27-Aug-50	15.85
Old Brahmaputra	SW225	Jamalpur	28-Aug-50	15.83
Old Brahmaputra	SW225	Jamalpur	29-Aug-50	15.83
Old Brahmaputra	SW225	Jamalpur	30-Aug-50	15.85
Old Brahmaputra	SW225	Jamalpur	31-Aug-50	15.86
Old Brahmaputra	SW225	Jamalpur	01-Sep-50	15.88
Old Brahmaputra	SW225	Jamalpur	02-Sep-50	15.9
Old Brahmaputra	SW225	Jamalpur	03-Sep-50	15.88
Old Brahmaputra	SW225	Jamalpur	04-Sep-50	15.83
Old Brahmaputra	SW225	Jamalpur	05-Sep-50	15.77
Old Brahmaputra	SW225	Jamalpur	06-Sep-50	15.71

Old Brahmaputra	SW225	Jamalpur	07-Sep-50	15.69
Old Brahmaputra	SW225	Jamalpur	08-Sep-50	15.69
Old Brahmaputra	SW225	Jamalpur	09-Sep-50	15.69
Old Brahmaputra	SW225	Jamalpur	10-Sep-50	15.72
Old Brahmaputra	SW225	Jamalpur	11-Sep-50	15.73
Old Brahmaputra	SW225	Jamalpur	12-Sep-50	15.73
Old Brahmaputra	SW225	Jamalpur	13-Sep-50	15.71
Old Brahmaputra	SW225	Jamalpur	14-Sep-50	15.69
Old Brahmaputra	SW225	Jamalpur	15-Sep-50	15.61
Old Brahmaputra	SW225	Jamalpur	16-Sep-50	15.59
Old Brahmaputra	SW225	Jamalpur	17-Sep-50	15.53
Old Brahmaputra	SW225	Jamalpur	18-Sep-50	15.44
Old Brahmaputra	SW225	Jamalpur	19-Sep-50	15.31
Old Brahmaputra	SW225	Jamalpur	20-Sep-50	15.18
Old Brahmaputra	SW225	Jamalpur	21-Sep-50	15.06
Old Brahmaputra	SW225	Jamalpur	22-Sep-50	14.98
Old Brahmaputra	SW225	Jamalpur	23-Sep-50	14.89
Old Brahmaputra	SW225	Jamalpur	24-Sep-50	14.82
Old Brahmaputra	SW225	Jamalpur	25-Sep-50	14.79
Old Brahmaputra	SW225	Jamalpur	26-Sep-50	14.77
Old Brahmaputra	SW225	Jamalpur	27-Sep-50	14.76
Old Brahmaputra	SW225	Jamalpur	28-Sep-50	14.73
Old Brahmaputra	SW225	Jamalpur	29-Sep-50	14.66
Old Brahmaputra	SW225	Jamalpur	30-Sep-50	14.6
Old Brahmaputra	SW225	Jamalpur	01-Oct-50	14.57
Old Brahmaputra	SW225	Jamalpur	02-Oct-50	14.56
Old Brahmaputra	SW225	Jamalpur	03-Oct-50	14.56
Old Brahmaputra	SW225	Jamalpur	04-Oct-50	14.5
Old Brahmaputra	SW225	Jamalpur	05-Oct-50	14.41
Old Brahmaputra	SW225	Jamalpur	06-Oct-50	14.31
Old Brahmaputra	SW225	Jamalpur	07-Oct-50	14.22
Old Brahmaputra	SW225	Jamalpur	08-Oct-50	14.13
Old Brahmaputra	SW225	Jamalpur	09-Oct-50	14.03
Old Brahmaputra	SW225	Jamalpur	10-Oct-50	13.98
Old Brahmaputra	SW225	Jamalpur	11-Oct-50	13.91
Old Brahmaputra	SW225	Jamalpur	12-Oct-50	13.85
Old Brahmaputra	SW225	Jamalpur	13-Oct-50	13.77
Old Brahmaputra	SW225	Jamalpur	14-Oct-50	13.7
Old Brahmaputra	SW225	Jamalpur	15-Oct-50	13.64
Old Brahmaputra	SW225	Jamalpur	16-Oct-50	13.58
Old Brahmaputra	SW225	Jamalpur	17-Oct-50	13.52
Old Brahmaputra	SW225	Jamalpur	18-Oct-50	13.47
Old Brahmaputra	SW225	Jamalpur	19-Oct-50	13.51
Old Brahmaputra	SW225	Jamalpur	20-Oct-50	13.65
Old Brahmaputra	SW225	Jamalpur	21-Oct-50	13.77
Old Brahmaputra	SW225	Jamalpur	22-Oct-50	13.78
Old Brahmaputra	SW225	Jamalpur	23-Oct-50	13.69
Old Brahmaputra	SW225	Jamalpur	24-Oct-50	13.63
Old Brahmaputra	SW225	Jamalpur	25-Oct-50	13.63
Old Brahmaputra	SW225	Jamalpur	26-Oct-50	13.78

Old Brahmaputra	SW225	Jamalpur	27-Oct-50	13.85
Old Brahmaputra	SW225	Jamalpur	28-Oct-50	13.83
Old Brahmaputra	SW225	Jamalpur	29-Oct-50	13.91
Old Brahmaputra	SW225	Jamalpur	30-Oct-50	13.69
Old Brahmaputra	SW225	Jamalpur	31-Oct-50	13.52
Old Brahmaputra	SW225	Jamalpur	01-Nov-50	13.43
Old Brahmaputra	SW225	Jamalpur	02-Nov-50	13.36
Old Brahmaputra	SW225	Jamalpur	03-Nov-50	13.3
Old Brahmaputra	SW225	Jamalpur	04-Nov-50	13.26
Old Brahmaputra	SW225	Jamalpur	05-Nov-50	13.19
Old Brahmaputra	SW225	Jamalpur	06-Nov-50	13.12
Old Brahmaputra	SW225	Jamalpur	07-Nov-50	13.04
Old Brahmaputra	SW225	Jamalpur	08-Nov-50	12.97
Old Brahmaputra	SW225	Jamalpur	09-Nov-50	12.91
Old Brahmaputra	SW225	Jamalpur	10-Nov-50	12.87
Old Brahmaputra	SW225	Jamalpur	11-Nov-50	12.84
Old Brahmaputra	SW225	Jamalpur	12-Nov-50	12.73
Old Brahmaputra	SW225	Jamalpur	13-Nov-50	12.66
Old Brahmaputra	SW225	Jamalpur	14-Nov-50	12.57
Old Brahmaputra	SW225	Jamalpur	15-Nov-50	12.51
Old Brahmaputra	SW225	Jamalpur	16-Nov-50	12.43
Old Brahmaputra	SW225	Jamalpur	17-Nov-50	12.4
Old Brahmaputra	SW225	Jamalpur	18-Nov-50	12.39
Old Brahmaputra	SW225	Jamalpur	19-Nov-50	12.36
Old Brahmaputra	SW225	Jamalpur	20-Nov-50	12.33
Old Brahmaputra	SW225	Jamalpur	21-Nov-50	12.24
Old Brahmaputra	SW225	Jamalpur	22-Nov-50	12.19
Old Brahmaputra	SW225	Jamalpur	23-Nov-50	12.15
Old Brahmaputra	SW225	Jamalpur	24-Nov-50	12.15
Old Brahmaputra	SW225	Jamalpur	25-Nov-50	12.15
Old Brahmaputra	SW225	Jamalpur	26-Nov-50	12.15
Old Brahmaputra	SW225	Jamalpur	27-Nov-50	12.16
Old Brahmaputra	SW225	Jamalpur	28-Nov-50	12.16
Old Brahmaputra	SW225	Jamalpur	29-Nov-50	12.14
Old Brahmaputra	SW225	Jamalpur	30-Nov-50	12.09
Old Brahmaputra	SW225	Jamalpur	01-Dec-50	12.03
Old Brahmaputra	SW225	Jamalpur	02-Dec-50	11.98
Old Brahmaputra	SW225	Jamalpur	03-Dec-50	11.94
Old Brahmaputra	SW225	Jamalpur	04-Dec-50	11.91
Old Brahmaputra	SW225	Jamalpur	05-Dec-50	11.88
Old Brahmaputra	SW225	Jamalpur	06-Dec-50	11.81
Old Brahmaputra	SW225	Jamalpur	07-Dec-50	11.77
Old Brahmaputra	SW225	Jamalpur	08-Dec-50	11.72
Old Brahmaputra	SW225	Jamalpur	09-Dec-50	11.67
Old Brahmaputra	SW225	Jamalpur	10-Dec-50	11.63
Old Brahmaputra	SW225	Jamalpur	11-Dec-50	11.63
Old Brahmaputra	SW225	Jamalpur	12-Dec-50	11.6
Old Brahmaputra	SW225	Jamalpur	13-Dec-50	11.56
Old Brahmaputra	SW225	Jamalpur	14-Dec-50	11.53
Old Brahmaputra	SW225	Jamalpur	15-Dec-50	11.51

Old Brahmaputra	SW225	Jamalpur	16-Dec-50	11.5
Old Brahmaputra	SW225	Jamalpur	17-Dec-50	11.47
Old Brahmaputra	SW225	Jamalpur	18-Dec-50	11.41
Old Brahmaputra	SW225	Jamalpur	19-Dec-50	11.38
Old Brahmaputra	SW225	Jamalpur	20-Dec-50	11.37
Old Brahmaputra	SW225	Jamalpur	21-Dec-50	11.35
Old Brahmaputra	SW225	Jamalpur	22-Dec-50	11.33
Old Brahmaputra	SW225	Jamalpur	23-Dec-50	11.31
Old Brahmaputra	SW225	Jamalpur	24-Dec-50	11.3
Old Brahmaputra	SW225	Jamalpur	25-Dec-50	11.28
Old Brahmaputra	SW225	Jamalpur	26-Dec-50	11.26
Old Brahmaputra	SW225	Jamalpur	27-Dec-50	11.24
Old Brahmaputra	SW225	Jamalpur	28-Dec-50	11.23
Old Brahmaputra	SW225	Jamalpur	29-Dec-50	11.21
Old Brahmaputra	SW225	Jamalpur	30-Dec-50	11.19
Old Brahmaputra	SW225	Jamalpur	31-Dec-50	11.17
Old Brahmaputra	SW225	Jamalpur	01-Jan-51	11.15
Old Brahmaputra	SW225	Jamalpur	02-Jan-51	11.14
Old Brahmaputra	SW225	Jamalpur	03-Jan-51	11.14
Old Brahmaputra	SW225	Jamalpur	04-Jan-51	11.12
Old Brahmaputra	SW225	Jamalpur	05-Jan-51	11.1
Old Brahmaputra	SW225	Jamalpur	06-Jan-51	11.08
Old Brahmaputra	SW225	Jamalpur	07-Jan-51	11.06
Old Brahmaputra	SW225	Jamalpur	08-Jan-51	11.05
Old Brahmaputra	SW225	Jamalpur	09-Jan-51	11.03
Old Brahmaputra	SW225	Jamalpur	10-Jan-51	11.01
Old Brahmaputra	SW225	Jamalpur	11-Jan-51	10.99
Old Brahmaputra	SW225	Jamalpur	12-Jan-51	10.98
Old Brahmaputra	SW225	Jamalpur	13-Jan-51	10.98
Old Brahmaputra	SW225	Jamalpur	14-Jan-51	10.98
Old Brahmaputra	SW225	Jamalpur	15-Jan-51	10.96
Old Brahmaputra	SW225	Jamalpur	16-Jan-51	10.95
Old Brahmaputra	SW225	Jamalpur	17-Jan-51	10.94
Old Brahmaputra	SW225	Jamalpur	18-Jan-51	10.93
Old Brahmaputra	SW225	Jamalpur	19-Jan-51	10.91
Old Brahmaputra	SW225	Jamalpur	20-Jan-51	10.91
Old Brahmaputra	SW225	Jamalpur	21-Jan-51	10.9
Old Brahmaputra	SW225	Jamalpur	22-Jan-51	10.9
Old Brahmaputra	SW225	Jamalpur	23-Jan-51	10.88
Old Brahmaputra	SW225	Jamalpur	24-Jan-51	10.88
Old Brahmaputra	SW225	Jamalpur	25-Jan-51	10.86
Old Brahmaputra	SW225	Jamalpur	26-Jan-51	10.86
Old Brahmaputra	SW225	Jamalpur	27-Jan-51	10.86
Old Brahmaputra	SW225	Jamalpur	28-Jan-51	10.85
Old Brahmaputra	SW225	Jamalpur	29-Jan-51	10.85
Old Brahmaputra	SW225	Jamalpur	30-Jan-51	10.84
Old Brahmaputra	SW225	Jamalpur	31-Jan-51	10.82
Old Brahmaputra	SW225	Jamalpur	01-Feb-51	10.82
Old Brahmaputra	SW225	Jamalpur	02-Feb-51	10.82
Old Brahmaputra	SW225	Jamalpur	03-Feb-51	10.82

Old Brahmaputra	SW225	Jamalpur	26-Mar-51	10.73
Old Brahmaputra	SW225	Jamalpur	27-Mar-51	10.73
Old Brahmaputra	SW225	Jamalpur	28-Mar-51	10.73
Old Brahmaputra	SW225	Jamalpur	29-Mar-51	10.77
Old Brahmaputra	SW225	Jamalpur	30-Mar-51	10.81
Old Brahmaputra	SW225	Jamalpur	31-Mar-51	10.9
Old Brahmaputra	SW225	Jamalpur	01-Apr-51	10.88
Old Brahmaputra	SW225	Jamalpur	02-Apr-51	10.85
Old Brahmaputra	SW225	Jamalpur	03-Apr-51	10.88
Old Brahmaputra	SW225	Jamalpur	04-Apr-51	10.96
Old Brahmaputra	SW225	Jamalpur	05-Apr-51	11.03
Old Brahmaputra	SW225	Jamalpur	06-Apr-51	11.06
Old Brahmaputra	SW225	Jamalpur	07-Apr-51	11.2
Old Brahmaputra	SW225	Jamalpur	08-Apr-51	11.41
Old Brahmaputra	SW225	Jamalpur	09-Apr-51	11.52
Old Brahmaputra	SW225	Jamalpur	10-Apr-51	11.51
Old Brahmaputra	SW225	Jamalpur	11-Apr-51	11.51
Old Brahmaputra	SW225	Jamalpur	12-Apr-51	11.5
Old Brahmaputra	SW225	Jamalpur	13-Apr-51	11.49
Old Brahmaputra	SW225	Jamalpur	14-Apr-51	11.49
Old Brahmaputra	SW225	Jamalpur	15-Apr-51	11.49
Old Brahmaputra	SW225	Jamalpur	16-Apr-51	11.52
Old Brahmaputra	SW225	Jamalpur	17-Apr-51	11.52
Old Brahmaputra	SW225	Jamalpur	18-Apr-51	11.5
Old Brahmaputra	SW225	Jamalpur	19-Apr-51	11.47
Old Brahmaputra	SW225	Jamalpur	20-Apr-51	11.43
Old Brahmaputra	SW225	Jamalpur	21-Apr-51	11.4
Old Brahmaputra	SW225	Jamalpur	22-Apr-51	11.36
Old Brahmaputra	SW225	Jamalpur	23-Apr-51	11.33
Old Brahmaputra	SW225	Jamalpur	24-Apr-51	11.3
Old Brahmaputra	SW225	Jamalpur	25-Apr-51	11.55
Old Brahmaputra	SW225	Jamalpur	26-Apr-51	11.84
Old Brahmaputra	SW225	Jamalpur	27-Apr-51	12.06
Old Brahmaputra	SW225	Jamalpur	28-Apr-51	12.36
Old Brahmaputra	SW225	Jamalpur	29-Apr-51	12.52
Old Brahmaputra	SW225	Jamalpur	30-Apr-51	12.46
Old Brahmaputra	SW225	Jamalpur	01-May-51	12.44
Old Brahmaputra	SW225	Jamalpur	02-May-51	12.42
Old Brahmaputra	SW225	Jamalpur	03-May-51	12.4
Old Brahmaputra	SW225	Jamalpur	04-May-51	12.47
Old Brahmaputra	SW225	Jamalpur	05-May-51	12.64
Old Brahmaputra	SW225	Jamalpur	06-May-51	12.9
Old Brahmaputra	SW225	Jamalpur	07-May-51	12.85
Old Brahmaputra	SW225	Jamalpur	08-May-51	12.9
Old Brahmaputra	SW225	Jamalpur	09-May-51	12.85
Old Brahmaputra	SW225	Jamalpur	10-May-51	12.69
Old Brahmaputra	SW225	Jamalpur	11-May-51	12.6
Old Brahmaputra	SW225	Jamalpur	12-May-51	12.57
Old Brahmaputra	SW225	Jamalpur	13-May-51	12.57
Old Brahmaputra	SW225	Jamalpur	14-May-51	12.85

Old Brahmaputra	SW225	Jamalpur	15-May-51	12.53
Old Brahmaputra	SW225	Jamalpur	16-May-51	12.49
Old Brahmaputra	SW225	Jamalpur	17-May-51	12.49
Old Brahmaputra	SW225	Jamalpur	18-May-51	12.53
Old Brahmaputra	SW225	Jamalpur	19-May-51	12.65
Old Brahmaputra	SW225	Jamalpur	20-May-51	12.78
Old Brahmaputra	SW225	Jamalpur	21-May-51	12.83
Old Brahmaputra	SW225	Jamalpur	22-May-51	12.85
Old Brahmaputra	SW225	Jamalpur	23-May-51	13.03
Old Brahmaputra	SW225	Jamalpur	24-May-51	13.41
Old Brahmaputra	SW225	Jamalpur	25-May-51	13.63
Old Brahmaputra	SW225	Jamalpur	26-May-51	13.49
Old Brahmaputra	SW225	Jamalpur	27-May-51	13.4
Old Brahmaputra	SW225	Jamalpur	28-May-51	13.27
Old Brahmaputra	SW225	Jamalpur	29-May-51	13.15
Old Brahmaputra	SW225	Jamalpur	30-May-51	13.07
Old Brahmaputra	SW225	Jamalpur	01-Jun-51	13.02
Old Brahmaputra	SW225	Jamalpur	02-Jun-51	12.95
Old Brahmaputra	SW225	Jamalpur	03-Jun-51	12.93
Old Brahmaputra	SW225	Jamalpur	04-Jun-51	12.89
Old Brahmaputra	SW225	Jamalpur	05-Jun-51	12.86
Old Brahmaputra	SW225	Jamalpur	06-Jun-51	12.91
Old Brahmaputra	SW225	Jamalpur	07-Jun-51	13
Old Brahmaputra	SW225	Jamalpur	08-Jun-51	13.09
Old Brahmaputra	SW225	Jamalpur	09-Jun-51	13.15
Old Brahmaputra	SW225	Jamalpur	10-Jun-51	13.6
Old Brahmaputra	SW225	Jamalpur	11-Jun-51	13.89
Old Brahmaputra	SW225	Jamalpur	12-Jun-51	14.19
Old Brahmaputra	SW225	Jamalpur	13-Jun-51	14.59
Old Brahmaputra	SW225	Jamalpur	14-Jun-51	14.95
Old Brahmaputra	SW225	Jamalpur	15-Jun-51	15.02
Old Brahmaputra	SW225	Jamalpur	16-Jun-51	15.1
Old Brahmaputra	SW225	Jamalpur	17-Jun-51	15.15
Old Brahmaputra	SW225	Jamalpur	18-Jun-51	15.15
Old Brahmaputra	SW225	Jamalpur	19-Jun-51	15.15
Old Brahmaputra	SW225	Jamalpur	20-Jun-51	15.15
Old Brahmaputra	SW225	Jamalpur	21-Jun-51	15.15
Old Brahmaputra	SW225	Jamalpur	22-Jun-51	15.15
Old Brahmaputra	SW225	Jamalpur	23-Jun-51	15.15
Old Brahmaputra	SW225	Jamalpur	24-Jun-51	15.16
Old Brahmaputra	SW225	Jamalpur	25-Jun-51	15.19
Old Brahmaputra	SW225	Jamalpur	26-Jun-51	15.23
Old Brahmaputra	SW225	Jamalpur	27-Jun-51	15.28
Old Brahmaputra	SW225	Jamalpur	28-Jun-51	15.32
Old Brahmaputra	SW225	Jamalpur	29-Jun-51	15.33
Old Brahmaputra	SW225	Jamalpur	30-Jun-51	15.31
Old Brahmaputra	SW225	Jamalpur	01-Jul-51	15.33
Old Brahmaputra	SW225	Jamalpur	02-Jul-51	15.52
Old Brahmaputra	SW225	Jamalpur	03-Jul-51	15.52
Old Brahmaputra	SW225	Jamalpur	04-Jul-51	15.54

Old Brahmaputra	SW225	Jamalpur	05-Jul-51	15.59
Old Brahmaputra	SW225	Jamalpur	06-Jul-51	15.66
Old Brahmaputra	SW225	Jamalpur	07-Jul-51	15.7
Old Brahmaputra	SW225	Jamalpur	08-Jul-51	15.73
Old Brahmaputra	SW225	Jamalpur	09-Jul-51	15.73
Old Brahmaputra	SW225	Jamalpur	10-Jul-51	15.73
Old Brahmaputra	SW225	Jamalpur	11-Jul-51	15.79
Old Brahmaputra	SW225	Jamalpur	12-Jul-51	15.77
Old Brahmaputra	SW225	Jamalpur	13-Jul-51	15.81
Old Brahmaputra	SW225	Jamalpur	14-Jul-51	15.86
Old Brahmaputra	SW225	Jamalpur	15-Jul-51	16.06
Old Brahmaputra	SW225	Jamalpur	16-Jul-51	16.2
Old Brahmaputra	SW225	Jamalpur	17-Jul-51	16.37
Old Brahmaputra	SW225	Jamalpur	18-Jul-51	16.48
Old Brahmaputra	SW225	Jamalpur	19-Jul-51	16.5
Old Brahmaputra	SW225	Jamalpur	20-Jul-51	16.53
Old Brahmaputra	SW225	Jamalpur	21-Jul-51	16.55
Old Brahmaputra	SW225	Jamalpur	22-Jul-51	16.53
Old Brahmaputra	SW225	Jamalpur	23-Jul-51	16.48
Old Brahmaputra	SW225	Jamalpur	24-Jul-51	16.44
Old Brahmaputra	SW225	Jamalpur	25-Jul-51	16.35
Old Brahmaputra	SW225	Jamalpur	26-Jul-51	16.25
Old Brahmaputra	SW225	Jamalpur	27-Jul-51	16.18
Old Brahmaputra	SW225	Jamalpur	28-Jul-51	16.14
Old Brahmaputra	SW225	Jamalpur	29-Jul-51	16.07
Old Brahmaputra	SW225	Jamalpur	30-Jul-51	16.01
Old Brahmaputra	SW225	Jamalpur	31-Jul-51	15.93
Old Brahmaputra	SW225	Jamalpur	01-Aug-51	15.86
Old Brahmaputra	SW225	Jamalpur	02-Aug-51	15.81
Old Brahmaputra	SW225	Jamalpur	03-Aug-51	15.74
Old Brahmaputra	SW225	Jamalpur	04-Aug-51	15.66
Old Brahmaputra	SW225	Jamalpur	05-Aug-51	15.59
Old Brahmaputra	SW225	Jamalpur	06-Aug-51	15.5
Old Brahmaputra	SW225	Jamalpur	07-Aug-51	15.47
Old Brahmaputra	SW225	Jamalpur	08-Aug-51	15.41
Old Brahmaputra	SW225	Jamalpur	09-Aug-51	15.39
Old Brahmaputra	SW225	Jamalpur	10-Aug-51	15.35
Old Brahmaputra	SW225	Jamalpur	11-Aug-51	15.35
Old Brahmaputra	SW225	Jamalpur	12-Aug-51	15.32
Old Brahmaputra	SW225	Jamalpur	13-Aug-51	15.26
Old Brahmaputra	SW225	Jamalpur	14-Aug-51	15.12
Old Brahmaputra	SW225	Jamalpur	15-Aug-51	14.99
Old Brahmaputra	SW225	Jamalpur	16-Aug-51	14.85
Old Brahmaputra	SW225	Jamalpur	17-Aug-51	14.74
Old Brahmaputra	SW225	Jamalpur	18-Aug-51	14.68
Old Brahmaputra	SW225	Jamalpur	19-Aug-51	14.61
Old Brahmaputra	SW225	Jamalpur	20-Aug-51	14.54
Old Brahmaputra	SW225	Jamalpur	21-Aug-51	14.45
Old Brahmaputra	SW225	Jamalpur	22-Aug-51	14.32
Old Brahmaputra	SW225	Jamalpur	23-Aug-51	14.35

Old Brahmaputra	SW225	Jamalpur	24-Aug-51	14.5
Old Brahmaputra	SW225	Jamalpur	25-Aug-51	14.49
Old Brahmaputra	SW225	Jamalpur	26-Aug-51	14.84
Old Brahmaputra	SW225	Jamalpur	27-Aug-51	14.98
Old Brahmaputra	SW225	Jamalpur	28-Aug-51	15.19
Old Brahmaputra	SW225	Jamalpur	29-Aug-51	15.33
Old Brahmaputra	SW225	Jamalpur	30-Aug-51	15.52
Old Brahmaputra	SW225	Jamalpur	31-Aug-51	15.72
Old Brahmaputra	SW225	Jamalpur	01-Sep-51	15.82
Old Brahmaputra	SW225	Jamalpur	02-Sep-51	15.88
Old Brahmaputra	SW225	Jamalpur	03-Sep-51	15.88
Old Brahmaputra	SW225	Jamalpur	04-Sep-51	15.88
Old Brahmaputra	SW225	Jamalpur	05-Sep-51	15.83
Old Brahmaputra	SW225	Jamalpur	06-Sep-51	15.77
Old Brahmaputra	SW225	Jamalpur	07-Sep-51	15.69
Old Brahmaputra	SW225	Jamalpur	08-Sep-51	15.59
Old Brahmaputra	SW225	Jamalpur	09-Sep-51	15.45
Old Brahmaputra	SW225	Jamalpur	10-Sep-51	15.28
Old Brahmaputra	SW225	Jamalpur	11-Sep-51	15.12
Old Brahmaputra	SW225	Jamalpur	12-Sep-51	14.94
Old Brahmaputra	SW225	Jamalpur	13-Sep-51	14.83
Old Brahmaputra	SW225	Jamalpur	14-Sep-51	14.79
Old Brahmaputra	SW225	Jamalpur	15-Sep-51	14.78
Old Brahmaputra	SW225	Jamalpur	16-Sep-51	14.92
Old Brahmaputra	SW225	Jamalpur	17-Sep-51	15.15
Old Brahmaputra	SW225	Jamalpur	18-Sep-51	15.21
Old Brahmaputra	SW225	Jamalpur	19-Sep-51	15.33
Old Brahmaputra	SW225	Jamalpur	20-Sep-51	15.48
Old Brahmaputra	SW225	Jamalpur	21-Sep-51	15.77
Old Brahmaputra	SW225	Jamalpur	22-Sep-51	16.02
Old Brahmaputra	SW225	Jamalpur	23-Sep-51	16.18
Old Brahmaputra	SW225	Jamalpur	24-Sep-51	16.29
Old Brahmaputra	SW225	Jamalpur	25-Sep-51	16.31
Old Brahmaputra	SW225	Jamalpur	26-Sep-51	16.27
Old Brahmaputra	SW225	Jamalpur	27-Sep-51	16.19
Old Brahmaputra	SW225	Jamalpur	28-Sep-51	16.04
Old Brahmaputra	SW225	Jamalpur	29-Sep-51	15.88
Old Brahmaputra	SW225	Jamalpur	30-Sep-51	15.64
Old Brahmaputra	SW225	Jamalpur	01-Oct-51	15.3
Old Brahmaputra	SW225	Jamalpur	02-Oct-51	15.02
Old Brahmaputra	SW225	Jamalpur	03-Oct-51	14.73
Old Brahmaputra	SW225	Jamalpur	04-Oct-51	14.3
Old Brahmaputra	SW225	Jamalpur	05-Oct-51	14.18
Old Brahmaputra	SW225	Jamalpur	06-Oct-51	14.06
Old Brahmaputra	SW225	Jamalpur	07-Oct-51	14.01
Old Brahmaputra	SW225	Jamalpur	08-Oct-51	13.94
Old Brahmaputra	SW225	Jamalpur	09-Oct-51	13.99
Old Brahmaputra	SW225	Jamalpur	10-Oct-51	14.18
Old Brahmaputra	SW225	Jamalpur	11-Oct-51	14.27
Old Brahmaputra	SW225	Jamalpur	12-Oct-51	14.32

Old Brahmaputra	SW225	Jamalpur	13-Oct-51	14.32
Old Brahmaputra	SW225	Jamalpur	14-Oct-51	14.23
Old Brahmaputra	SW225	Jamalpur	15-Oct-51	14.11
Old Brahmaputra	SW225	Jamalpur	16-Oct-51	13.99
Old Brahmaputra	SW225	Jamalpur	17-Oct-51	13.91
Old Brahmaputra	SW225	Jamalpur	18-Oct-51	13.96
Old Brahmaputra	SW225	Jamalpur	19-Oct-51	13.94
Old Brahmaputra	SW225	Jamalpur	20-Oct-51	13.84
Old Brahmaputra	SW225	Jamalpur	21-Oct-51	13.73
Old Brahmaputra	SW225	Jamalpur	22-Oct-51	13.65
Old Brahmaputra	SW225	Jamalpur	23-Oct-51	13.64
Old Brahmaputra	SW225	Jamalpur	24-Oct-51	13.64
Old Brahmaputra	SW225	Jamalpur	25-Oct-51	13.63
Old Brahmaputra	SW225	Jamalpur	26-Oct-51	13.51
Old Brahmaputra	SW225	Jamalpur	27-Oct-51	13.38
Old Brahmaputra	SW225	Jamalpur	28-Oct-51	13.23
Old Brahmaputra	SW225	Jamalpur	29-Oct-51	13.16
Old Brahmaputra	SW225	Jamalpur	30-Oct-51	13.12
Old Brahmaputra	SW225	Jamalpur	31-Oct-51	13.02
Old Brahmaputra	SW225	Jamalpur	01-Nov-51	12.91
Old Brahmaputra	SW225	Jamalpur	02-Nov-51	12.85
Old Brahmaputra	SW225	Jamalpur	03-Nov-51	12.8
Old Brahmaputra	SW225	Jamalpur	04-Nov-51	12.8
Old Brahmaputra	SW225	Jamalpur	05-Nov-51	12.77
Old Brahmaputra	SW225	Jamalpur	06-Nov-51	12.75
Old Brahmaputra	SW225	Jamalpur	07-Nov-51	12.71
Old Brahmaputra	SW225	Jamalpur	08-Nov-51	12.66
Old Brahmaputra	SW225	Jamalpur	09-Nov-51	12.65
Old Brahmaputra	SW225	Jamalpur	10-Nov-51	12.63
Old Brahmaputra	SW225	Jamalpur	11-Nov-51	12.6
Old Brahmaputra	SW225	Jamalpur	12-Nov-51	12.59
Old Brahmaputra	SW225	Jamalpur	13-Nov-51	12.59
Old Brahmaputra	SW225	Jamalpur	14-Nov-51	12.57
Old Brahmaputra	SW225	Jamalpur	15-Nov-51	12.57
Old Brahmaputra	SW225	Jamalpur	16-Nov-51	12.56
Old Brahmaputra	SW225	Jamalpur	17-Nov-51	12.53
Old Brahmaputra	SW225	Jamalpur	18-Nov-51	12.51
Old Brahmaputra	SW225	Jamalpur	19-Nov-51	12.48
Old Brahmaputra	SW225	Jamalpur	20-Nov-51	12.46
Old Brahmaputra	SW225	Jamalpur	21-Nov-51	12.43
Old Brahmaputra	SW225	Jamalpur	22-Nov-51	12.4
Old Brahmaputra	SW225	Jamalpur	23-Nov-51	12.37
Old Brahmaputra	SW225	Jamalpur	24-Nov-51	12.35
Old Brahmaputra	SW225	Jamalpur	25-Nov-51	12.32
Old Brahmaputra	SW225	Jamalpur	26-Nov-51	12.31
Old Brahmaputra	SW225	Jamalpur	27-Nov-51	12.3
Old Brahmaputra	SW225	Jamalpur	28-Nov-51	12.3
Old Brahmaputra	SW225	Jamalpur	29-Nov-51	12.3
Old Brahmaputra	SW225	Jamalpur	30-Nov-51	12.28
Old Brahmaputra	SW225	Jamalpur	01-Dec-51	12.28

Old Brahmaputra	SW225	Jamalpur	02-Dec-51	12.27
Old Brahmaputra	SW225	Jamalpur	03-Dec-51	12.27
Old Brahmaputra	SW225	Jamalpur	04-Dec-51	12.24
Old Brahmaputra	SW225	Jamalpur	05-Dec-51	12.24
Old Brahmaputra	SW225	Jamalpur	06-Dec-51	12.22
Old Brahmaputra	SW225	Jamalpur	07-Dec-51	12.22
Old Brahmaputra	SW225	Jamalpur	08-Dec-51	12.22
Old Brahmaputra	SW225	Jamalpur	09-Dec-51	12.19
Old Brahmaputra	SW225	Jamalpur	10-Dec-51	12.18
Old Brahmaputra	SW225	Jamalpur	11-Dec-51	12.18
Old Brahmaputra	SW225	Jamalpur	12-Dec-51	12.18
Old Brahmaputra	SW225	Jamalpur	13-Dec-51	12.17
Old Brahmaputra	SW225	Jamalpur	14-Dec-51	12.16
Old Brahmaputra	SW225	Jamalpur	15-Dec-51	12.16
Old Brahmaputra	SW225	Jamalpur	16-Dec-51	12.16
Old Brahmaputra	SW225	Jamalpur	17-Dec-51	12.15
Old Brahmaputra	SW225	Jamalpur	18-Dec-51	12.14
Old Brahmaputra	SW225	Jamalpur	19-Dec-51	12.13
Old Brahmaputra	SW225	Jamalpur	20-Dec-51	12.11
Old Brahmaputra	SW225	Jamalpur	21-Dec-51	12.1
Old Brahmaputra	SW225	Jamalpur	22-Dec-51	12.09
Old Brahmaputra	SW225	Jamalpur	23-Dec-51	12.07
Old Brahmaputra	SW225	Jamalpur	24-Dec-51	12.06
Old Brahmaputra	SW225	Jamalpur	25-Dec-51	12.05
Old Brahmaputra	SW225	Jamalpur	26-Dec-51	12.03
Old Brahmaputra	SW225	Jamalpur	27-Dec-51	12.02
Old Brahmaputra	SW225	Jamalpur	28-Dec-51	12.01
Old Brahmaputra	SW225	Jamalpur	29-Dec-51	11.99
Old Brahmaputra	SW225	Jamalpur	30-Dec-51	11.98
Old Brahmaputra	SW225	Jamalpur	31-Dec-51	11.98
Old Brahmaputra	SW225	Jamalpur	01-Jan-52	11.98
Old Brahmaputra	SW225	Jamalpur	02-Jan-52	11.98
Old Brahmaputra	SW225	Jamalpur	03-Jan-52	11.97
Old Brahmaputra	SW225	Jamalpur	04-Jan-52	11.97
Old Brahmaputra	SW225	Jamalpur	05-Jan-52	11.97
Old Brahmaputra	SW225	Jamalpur	06-Jan-52	11.97
Old Brahmaputra	SW225	Jamalpur	07-Jan-52	11.97
Old Brahmaputra	SW225	Jamalpur	08-Jan-52	11.97
Old Brahmaputra	SW225	Jamalpur	09-Jan-52	11.97
Old Brahmaputra	SW225	Jamalpur	10-Jan-52	11.95
Old Brahmaputra	SW225	Jamalpur	11-Jan-52	11.95
Old Brahmaputra	SW225	Jamalpur	12-Jan-52	11.95
Old Brahmaputra	SW225	Jamalpur	13-Jan-52	11.95
Old Brahmaputra	SW225	Jamalpur	14-Jan-52	11.95
Old Brahmaputra	SW225	Jamalpur	15-Jan-52	11.95
Old Brahmaputra	SW225	Jamalpur	16-Jan-52	11.95
Old Brahmaputra	SW225	Jamalpur	17-Jan-52	11.95
Old Brahmaputra	SW225	Jamalpur	18-Jan-52	11.95
Old Brahmaputra	SW225	Jamalpur	19-Jan-52	11.95
Old Brahmaputra	SW225	Jamalpur	20-Jan-52	11.94

Old Brahmaputra	SW225	Jamalpur	11-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	12-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	13-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	14-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	15-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	16-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	17-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	18-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	19-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	20-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	21-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	22-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	23-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	24-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	25-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	26-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	27-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	28-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	29-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	30-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	31-Mar-52	11.89
Old Brahmaputra	SW225	Jamalpur	01-Apr-52	11.89
Old Brahmaputra	SW225	Jamalpur	02-Apr-52	11.89
Old Brahmaputra	SW225	Jamalpur	03-Apr-52	11.91
Old Brahmaputra	SW225	Jamalpur	04-Apr-52	11.94
Old Brahmaputra	SW225	Jamalpur	05-Apr-52	11.97
Old Brahmaputra	SW225	Jamalpur	06-Apr-52	11.95
Old Brahmaputra	SW225	Jamalpur	07-Apr-52	11.95
Old Brahmaputra	SW225	Jamalpur	08-Apr-52	11.97
Old Brahmaputra	SW225	Jamalpur	09-Apr-52	11.98
Old Brahmaputra	SW225	Jamalpur	10-Apr-52	11.98
Old Brahmaputra	SW225	Jamalpur	11-Apr-52	11.98
Old Brahmaputra	SW225	Jamalpur	12-Apr-52	11.98
Old Brahmaputra	SW225	Jamalpur	13-Apr-52	11.99
Old Brahmaputra	SW225	Jamalpur	14-Apr-52	12.01
Old Brahmaputra	SW225	Jamalpur	15-Apr-52	12.01
Old Brahmaputra	SW225	Jamalpur	16-Apr-52	12.01
Old Brahmaputra	SW225	Jamalpur	17-Apr-52	12.02
Old Brahmaputra	SW225	Jamalpur	18-Apr-52	12.04
Old Brahmaputra	SW225	Jamalpur	19-Apr-52	12.04
Old Brahmaputra	SW225	Jamalpur	20-Apr-52	12.06
Old Brahmaputra	SW225	Jamalpur	21-Apr-52	12.08
Old Brahmaputra	SW225	Jamalpur	22-Apr-52	12.09
Old Brahmaputra	SW225	Jamalpur	23-Apr-52	12.07
Old Brahmaputra	SW225	Jamalpur	24-Apr-52	12.07
Old Brahmaputra	SW225	Jamalpur	25-Apr-52	12.07
Old Brahmaputra	SW225	Jamalpur	26-Apr-52	12.07
Old Brahmaputra	SW225	Jamalpur	27-Apr-52	12.07
Old Brahmaputra	SW225	Jamalpur	28-Apr-52	12.07
Old Brahmaputra	SW225	Jamalpur	29-Apr-52	12.08

Old Brahmaputra	SW225	Jamalpur	30-Apr-52	12.09
Old Brahmaputra	SW225	Jamalpur	01-May-52	12.09
Old Brahmaputra	SW225	Jamalpur	02-May-52	12.09
Old Brahmaputra	SW225	Jamalpur	03-May-52	12.1
Old Brahmaputra	SW225	Jamalpur	04-May-52	12.11
Old Brahmaputra	SW225	Jamalpur	05-May-52	12.14
Old Brahmaputra	SW225	Jamalpur	06-May-52	12.15
Old Brahmaputra	SW225	Jamalpur	07-May-52	12.17
Old Brahmaputra	SW225	Jamalpur	08-May-52	12.2
Old Brahmaputra	SW225	Jamalpur	09-May-52	12.49
Old Brahmaputra	SW225	Jamalpur	10-May-52	12.7
Old Brahmaputra	SW225	Jamalpur	11-May-52	12.68
Old Brahmaputra	SW225	Jamalpur	12-May-52	12.6
Old Brahmaputra	SW225	Jamalpur	13-May-52	12.49
Old Brahmaputra	SW225	Jamalpur	14-May-52	12.44
Old Brahmaputra	SW225	Jamalpur	15-May-52	12.42
Old Brahmaputra	SW225	Jamalpur	16-May-52	12.37
Old Brahmaputra	SW225	Jamalpur	17-May-52	12.35
Old Brahmaputra	SW225	Jamalpur	18-May-52	12.33
Old Brahmaputra	SW225	Jamalpur	19-May-52	12.33
Old Brahmaputra	SW225	Jamalpur	20-May-52	12.34
Old Brahmaputra	SW225	Jamalpur	21-May-52	12.39
Old Brahmaputra	SW225	Jamalpur	22-May-52	12.55
Old Brahmaputra	SW225	Jamalpur	23-May-52	12.91
Old Brahmaputra	SW225	Jamalpur	24-May-52	12.93
Old Brahmaputra	SW225	Jamalpur	25-May-52	12.97
Old Brahmaputra	SW225	Jamalpur	26-May-52	13.06
Old Brahmaputra	SW225	Jamalpur	27-May-52	13.23
Old Brahmaputra	SW225	Jamalpur	28-May-52	13.69
Old Brahmaputra	SW225	Jamalpur	29-May-52	13.99
Old Brahmaputra	SW225	Jamalpur	30-May-52	14.1
Old Brahmaputra	SW225	Jamalpur	31-May-52	14.27
Old Brahmaputra	SW225	Jamalpur	01-Jun-52	14.37
Old Brahmaputra	SW225	Jamalpur	02-Jun-52	14.43
Old Brahmaputra	SW225	Jamalpur	03-Jun-52	14.43
Old Brahmaputra	SW225	Jamalpur	04-Jun-52	14.47
Old Brahmaputra	SW225	Jamalpur	05-Jun-52	14.65
Old Brahmaputra	SW225	Jamalpur	06-Jun-52	14.88
Old Brahmaputra	SW225	Jamalpur	07-Jun-52	15.02
Old Brahmaputra	SW225	Jamalpur	08-Jun-52	15.02
Old Brahmaputra	SW225	Jamalpur	09-Jun-52	14.94
Old Brahmaputra	SW225	Jamalpur	10-Jun-52	14.83
Old Brahmaputra	SW225	Jamalpur	11-Jun-52	14.57
Old Brahmaputra	SW225	Jamalpur	12-Jun-52	14.32
Old Brahmaputra	SW225	Jamalpur	13-Jun-52	14.2
Old Brahmaputra	SW225	Jamalpur	14-Jun-52	14.06
Old Brahmaputra	SW225	Jamalpur	15-Jun-52	14.02
Old Brahmaputra	SW225	Jamalpur	16-Jun-52	13.97
Old Brahmaputra	SW225	Jamalpur	17-Jun-52	14.06
Old Brahmaputra	SW225	Jamalpur	18-Jun-52	14.31

Old Brahmaputra	SW225	Jamalpur	19-Jun-52	14.32
Old Brahmaputra	SW225	Jamalpur	20-Jun-52	14.34
Old Brahmaputra	SW225	Jamalpur	21-Jun-52	14.35
Old Brahmaputra	SW225	Jamalpur	22-Jun-52	14.38
Old Brahmaputra	SW225	Jamalpur	23-Jun-52	14.43
Old Brahmaputra	SW225	Jamalpur	24-Jun-52	14.49
Old Brahmaputra	SW225	Jamalpur	25-Jun-52	14.66
Old Brahmaputra	SW225	Jamalpur	26-Jun-52	14.95
Old Brahmaputra	SW225	Jamalpur	27-Jun-52	14.96
Old Brahmaputra	SW225	Jamalpur	28-Jun-52	14.96
Old Brahmaputra	SW225	Jamalpur	29-Jun-52	15.01
Old Brahmaputra	SW225	Jamalpur	30-Jun-52	15.32
Old Brahmaputra	SW225	Jamalpur	01-Jul-52	14.99
Old Brahmaputra	SW225	Jamalpur	02-Jul-52	15.02
Old Brahmaputra	SW225	Jamalpur	03-Jul-52	15.11
Old Brahmaputra	SW225	Jamalpur	04-Jul-52	15.33
Old Brahmaputra	SW225	Jamalpur	05-Jul-52	15.44
Old Brahmaputra	SW225	Jamalpur	06-Jul-52	15.56
Old Brahmaputra	SW225	Jamalpur	07-Jul-52	15.62
Old Brahmaputra	SW225	Jamalpur	08-Jul-52	15.66
Old Brahmaputra	SW225	Jamalpur	09-Jul-52	15.69
Old Brahmaputra	SW225	Jamalpur	10-Jul-52	15.73
Old Brahmaputra	SW225	Jamalpur	11-Jul-52	15.77
Old Brahmaputra	SW225	Jamalpur	12-Jul-52	15.81
Old Brahmaputra	SW225	Jamalpur	13-Jul-52	15.88
Old Brahmaputra	SW225	Jamalpur	14-Jul-52	16.03
Old Brahmaputra	SW225	Jamalpur	15-Jul-52	16.39
Old Brahmaputra	SW225	Jamalpur	16-Jul-52	17.07
Old Brahmaputra	SW225	Jamalpur	17-Jul-52	17.31
Old Brahmaputra	SW225	Jamalpur	18-Jul-52	17.22
Old Brahmaputra	SW225	Jamalpur	19-Jul-52	17.11
Old Brahmaputra	SW225	Jamalpur	20-Jul-52	17
Old Brahmaputra	SW225	Jamalpur	21-Jul-52	16.82
Old Brahmaputra	SW225	Jamalpur	22-Jul-52	16.7
Old Brahmaputra	SW225	Jamalpur	23-Jul-52	16.59
Old Brahmaputra	SW225	Jamalpur	24-Jul-52	16.43
Old Brahmaputra	SW225	Jamalpur	25-Jul-52	16.25
Old Brahmaputra	SW225	Jamalpur	26-Jul-52	16.05
Old Brahmaputra	SW225	Jamalpur	27-Jul-52	15.86
Old Brahmaputra	SW225	Jamalpur	28-Jul-52	15.71
Old Brahmaputra	SW225	Jamalpur	29-Jul-52	15.52
Old Brahmaputra	SW225	Jamalpur	30-Jul-52	15.39
Old Brahmaputra	SW225	Jamalpur	31-Jul-52	15.3
Old Brahmaputra	SW225	Jamalpur	01-Aug-52	15.22
Old Brahmaputra	SW225	Jamalpur	02-Aug-52	15.14
Old Brahmaputra	SW225	Jamalpur	03-Aug-52	15.04
Old Brahmaputra	SW225	Jamalpur	04-Aug-52	14.99
Old Brahmaputra	SW225	Jamalpur	05-Aug-52	14.99
Old Brahmaputra	SW225	Jamalpur	06-Aug-52	14.97
Old Brahmaputra	SW225	Jamalpur	07-Aug-52	14.98

Old Brahmaputra	SW225	Jamalpur	08-Aug-52	14.98
Old Brahmaputra	SW225	Jamalpur	09-Aug-52	15.01
Old Brahmaputra	SW225	Jamalpur	10-Aug-52	15.06
Old Brahmaputra	SW225	Jamalpur	11-Aug-52	15.12
Old Brahmaputra	SW225	Jamalpur	12-Aug-52	15.13
Old Brahmaputra	SW225	Jamalpur	13-Aug-52	15.12
Old Brahmaputra	SW225	Jamalpur	14-Aug-52	15.13
Old Brahmaputra	SW225	Jamalpur	15-Aug-52	15.15
Old Brahmaputra	SW225	Jamalpur	16-Aug-52	15.18
Old Brahmaputra	SW225	Jamalpur	17-Aug-52	15.22
Old Brahmaputra	SW225	Jamalpur	18-Aug-52	15.27
Old Brahmaputra	SW225	Jamalpur	19-Aug-52	15.31
Old Brahmaputra	SW225	Jamalpur	20-Aug-52	15.39
Old Brahmaputra	SW225	Jamalpur	21-Aug-52	15.49
Old Brahmaputra	SW225	Jamalpur	22-Aug-52	15.55
Old Brahmaputra	SW225	Jamalpur	23-Aug-52	15.6
Old Brahmaputra	SW225	Jamalpur	24-Aug-52	15.62
Old Brahmaputra	SW225	Jamalpur	25-Aug-52	15.68
Old Brahmaputra	SW225	Jamalpur	26-Aug-52	15.75
Old Brahmaputra	SW225	Jamalpur	27-Aug-52	15.84
Old Brahmaputra	SW225	Jamalpur	28-Aug-52	15.95
Old Brahmaputra	SW225	Jamalpur	29-Aug-52	16.05
Old Brahmaputra	SW225	Jamalpur	30-Aug-52	16.16
Old Brahmaputra	SW225	Jamalpur	31-Aug-52	16.39
Old Brahmaputra	SW225	Jamalpur	01-Sep-52	16.46
Old Brahmaputra	SW225	Jamalpur	02-Sep-52	16.51
Old Brahmaputra	SW225	Jamalpur	03-Sep-52	16.55
Old Brahmaputra	SW225	Jamalpur	04-Sep-52	16.57
Old Brahmaputra	SW225	Jamalpur	05-Sep-52	16.55
Old Brahmaputra	SW225	Jamalpur	06-Sep-52	16.55
Old Brahmaputra	SW225	Jamalpur	07-Sep-52	16.55
Old Brahmaputra	SW225	Jamalpur	08-Sep-52	16.53
Old Brahmaputra	SW225	Jamalpur	09-Sep-52	16.52
Old Brahmaputra	SW225	Jamalpur	10-Sep-52	16.53
Old Brahmaputra	SW225	Jamalpur	11-Sep-52	16.52
Old Brahmaputra	SW225	Jamalpur	12-Sep-52	16.5
Old Brahmaputra	SW225	Jamalpur	13-Sep-52	16.5
Old Brahmaputra	SW225	Jamalpur	14-Sep-52	16.5
Old Brahmaputra	SW225	Jamalpur	15-Sep-52	16.5
Old Brahmaputra	SW225	Jamalpur	16-Sep-52	16.49
Old Brahmaputra	SW225	Jamalpur	17-Sep-52	16.47
Old Brahmaputra	SW225	Jamalpur	18-Sep-52	16.57
Old Brahmaputra	SW225	Jamalpur	19-Sep-52	16.35
Old Brahmaputra	SW225	Jamalpur	20-Sep-52	16.28
Old Brahmaputra	SW225	Jamalpur	21-Sep-52	16.25
Old Brahmaputra	SW225	Jamalpur	22-Sep-52	16.26
Old Brahmaputra	SW225	Jamalpur	23-Sep-52	16.28
Old Brahmaputra	SW225	Jamalpur	24-Sep-52	16.39
Old Brahmaputra	SW225	Jamalpur	25-Sep-52	16.49
Old Brahmaputra	SW225	Jamalpur	26-Sep-52	16.63

Old Brahmaputra	SW225	Jamalpur	27-Sep-52	16.77
Old Brahmaputra	SW225	Jamalpur	28-Sep-52	16.77
Old Brahmaputra	SW225	Jamalpur	29-Sep-52	16.67
Old Brahmaputra	SW225	Jamalpur	30-Sep-52	16.57
Old Brahmaputra	SW225	Jamalpur	01-Oct-52	16.42
Old Brahmaputra	SW225	Jamalpur	02-Oct-52	16.29
Old Brahmaputra	SW225	Jamalpur	03-Oct-52	16.14
Old Brahmaputra	SW225	Jamalpur	04-Oct-52	16.04
Old Brahmaputra	SW225	Jamalpur	05-Oct-52	16
Old Brahmaputra	SW225	Jamalpur	06-Oct-52	15.88
Old Brahmaputra	SW225	Jamalpur	07-Oct-52	15.81
Old Brahmaputra	SW225	Jamalpur	08-Oct-52	15.74
Old Brahmaputra	SW225	Jamalpur	09-Oct-52	15.69
Old Brahmaputra	SW225	Jamalpur	10-Oct-52	15.68
Old Brahmaputra	SW225	Jamalpur	11-Oct-52	15.69
Old Brahmaputra	SW225	Jamalpur	12-Oct-52	15.65
Old Brahmaputra	SW225	Jamalpur	13-Oct-52	15.68
Old Brahmaputra	SW225	Jamalpur	14-Oct-52	15.71
Old Brahmaputra	SW225	Jamalpur	15-Oct-52	15.77
Old Brahmaputra	SW225	Jamalpur	16-Oct-52	15.84
Old Brahmaputra	SW225	Jamalpur	17-Oct-52	15.93
Old Brahmaputra	SW225	Jamalpur	18-Oct-52	15.97
Old Brahmaputra	SW225	Jamalpur	19-Oct-52	16
Old Brahmaputra	SW225	Jamalpur	20-Oct-52	15.99
Old Brahmaputra	SW225	Jamalpur	21-Oct-52	15.94
Old Brahmaputra	SW225	Jamalpur	22-Oct-52	15.82
Old Brahmaputra	SW225	Jamalpur	23-Oct-52	15.69
Old Brahmaputra	SW225	Jamalpur	24-Oct-52	15.57
Old Brahmaputra	SW225	Jamalpur	25-Oct-52	15.43
Old Brahmaputra	SW225	Jamalpur	26-Oct-52	15.3
Old Brahmaputra	SW225	Jamalpur	27-Oct-52	15.14
Old Brahmaputra	SW225	Jamalpur	28-Oct-52	14.99
Old Brahmaputra	SW225	Jamalpur	29-Oct-52	14.87
Old Brahmaputra	SW225	Jamalpur	30-Oct-52	14.8
Old Brahmaputra	SW225	Jamalpur	31-Oct-52	14.7
Old Brahmaputra	SW225	Jamalpur	01-Dec-52	12.14
Old Brahmaputra	SW225	Jamalpur	02-Dec-52	12.1
Old Brahmaputra	SW225	Jamalpur	03-Dec-52	12.08
Old Brahmaputra	SW225	Jamalpur	04-Dec-52	12.05
Old Brahmaputra	SW225	Jamalpur	05-Dec-52	12.02
Old Brahmaputra	SW225	Jamalpur	06-Dec-52	11.99
Old Brahmaputra	SW225	Jamalpur	07-Dec-52	11.98
Old Brahmaputra	SW225	Jamalpur	08-Dec-52	11.95
Old Brahmaputra	SW225	Jamalpur	09-Dec-52	11.94
Old Brahmaputra	SW225	Jamalpur	10-Dec-52	11.91
Old Brahmaputra	SW225	Jamalpur	11-Dec-52	11.89
Old Brahmaputra	SW225	Jamalpur	12-Dec-52	11.87
Old Brahmaputra	SW225	Jamalpur	13-Dec-52	11.85
Old Brahmaputra	SW225	Jamalpur	14-Dec-52	11.84
Old Brahmaputra	SW225	Jamalpur	15-Dec-52	11.82

Old Brahmaputra	SW225	Jamalpur	16-Dec-52	11.82
Old Brahmaputra	SW225	Jamalpur	17-Dec-52	11.81
Old Brahmaputra	SW225	Jamalpur	18-Dec-52	11.77
Old Brahmaputra	SW225	Jamalpur	19-Dec-52	11.78
Old Brahmaputra	SW225	Jamalpur	20-Dec-52	11.78
Old Brahmaputra	SW225	Jamalpur	21-Dec-52	11.77
Old Brahmaputra	SW225	Jamalpur	22-Dec-52	11.77
Old Brahmaputra	SW225	Jamalpur	23-Dec-52	11.77
Old Brahmaputra	SW225	Jamalpur	24-Dec-52	11.76
Old Brahmaputra	SW225	Jamalpur	25-Dec-52	11.75
Old Brahmaputra	SW225	Jamalpur	26-Dec-52	11.73
Old Brahmaputra	SW225	Jamalpur	27-Dec-52	11.72
Old Brahmaputra	SW225	Jamalpur	28-Dec-52	11.7
Old Brahmaputra	SW225	Jamalpur	29-Dec-52	11.69
Old Brahmaputra	SW225	Jamalpur	30-Dec-52	11.68
Old Brahmaputra	SW225	Jamalpur	31-Dec-52	11.68
Old Brahmaputra	SW225	Jamalpur	01-Jan-53	11.68
Old Brahmaputra	SW225	Jamalpur	02-Jan-53	11.68
Old Brahmaputra	SW225	Jamalpur	03-Jan-53	11.68
Old Brahmaputra	SW225	Jamalpur	04-Jan-53	11.66
Old Brahmaputra	SW225	Jamalpur	05-Jan-53	11.66
Old Brahmaputra	SW225	Jamalpur	06-Jan-53	11.66
Old Brahmaputra	SW225	Jamalpur	07-Jan-53	11.66
Old Brahmaputra	SW225	Jamalpur	08-Jan-53	11.66
Old Brahmaputra	SW225	Jamalpur	09-Jan-53	11.65
Old Brahmaputra	SW225	Jamalpur	10-Jan-53	11.65
Old Brahmaputra	SW225	Jamalpur	11-Jan-53	11.65
Old Brahmaputra	SW225	Jamalpur	12-Jan-53	11.63
Old Brahmaputra	SW225	Jamalpur	13-Jan-53	11.63
Old Brahmaputra	SW225	Jamalpur	14-Jan-53	11.63
Old Brahmaputra	SW225	Jamalpur	15-Jan-53	11.61
Old Brahmaputra	SW225	Jamalpur	16-Jan-53	11.61
Old Brahmaputra	SW225	Jamalpur	17-Jan-53	11.61
Old Brahmaputra	SW225	Jamalpur	18-Jan-53	11.61
Old Brahmaputra	SW225	Jamalpur	19-Jan-53	11.61
Old Brahmaputra	SW225	Jamalpur	20-Jan-53	11.61
Old Brahmaputra	SW225	Jamalpur	21-Jan-53	11.61
Old Brahmaputra	SW225	Jamalpur	22-Jan-53	11.61
Old Brahmaputra	SW225	Jamalpur	23-Jan-53	11.6
Old Brahmaputra	SW225	Jamalpur	24-Jan-53	11.6
Old Brahmaputra	SW225	Jamalpur	25-Jan-53	11.6
Old Brahmaputra	SW225	Jamalpur	26-Jan-53	11.6
Old Brahmaputra	SW225	Jamalpur	27-Jan-53	11.58
Old Brahmaputra	SW225	Jamalpur	28-Jan-53	11.58
Old Brahmaputra	SW225	Jamalpur	29-Jan-53	11.58
Old Brahmaputra	SW225	Jamalpur	30-Jan-53	11.58
Old Brahmaputra	SW225	Jamalpur	31-Jan-53	11.58
Old Brahmaputra	SW225	Jamalpur	01-Feb-53	11.58
Old Brahmaputra	SW225	Jamalpur	02-Feb-53	11.58
Old Brahmaputra	SW225	Jamalpur	03-Feb-53	11.58

Old Brahmaputra	SW225	Jamalpur	04-Feb-53	11.58
Old Brahmaputra	SW225	Jamalpur	05-Feb-53	11.58
Old Brahmaputra	SW225	Jamalpur	06-Feb-53	11.58
Old Brahmaputra	SW225	Jamalpur	07-Feb-53	11.58
Old Brahmaputra	SW225	Jamalpur	08-Feb-53	11.58
Old Brahmaputra	SW225	Jamalpur	09-Feb-53	11.58
Old Brahmaputra	SW225	Jamalpur	10-Feb-53	11.56
Old Brahmaputra	SW225	Jamalpur	11-Feb-53	11.56
Old Brahmaputra	SW225	Jamalpur	12-Feb-53	11.56
Old Brahmaputra	SW225	Jamalpur	13-Feb-53	11.56
Old Brahmaputra	SW225	Jamalpur	14-Feb-53	11.56
Old Brahmaputra	SW225	Jamalpur	15-Feb-53	11.56
Old Brahmaputra	SW225	Jamalpur	16-Feb-53	11.56
Old Brahmaputra	SW225	Jamalpur	17-Feb-53	11.55
Old Brahmaputra	SW225	Jamalpur	18-Feb-53	11.55
Old Brahmaputra	SW225	Jamalpur	19-Feb-53	11.55
Old Brahmaputra	SW225	Jamalpur	20-Feb-53	11.55
Old Brahmaputra	SW225	Jamalpur	21-Feb-53	11.55
Old Brahmaputra	SW225	Jamalpur	22-Feb-53	11.53
Old Brahmaputra	SW225	Jamalpur	23-Feb-53	11.53
Old Brahmaputra	SW225	Jamalpur	24-Feb-53	11.53
Old Brahmaputra	SW225	Jamalpur	25-Feb-53	11.53
Old Brahmaputra	SW225	Jamalpur	26-Feb-53	11.53
Old Brahmaputra	SW225	Jamalpur	27-Feb-53	11.55
Old Brahmaputra	SW225	Jamalpur	28-Feb-53	11.55
Old Brahmaputra	SW225	Jamalpur	01-Mar-53	11.55
Old Brahmaputra	SW225	Jamalpur	02-Mar-53	11.55
Old Brahmaputra	SW225	Jamalpur	03-Mar-53	11.55
Old Brahmaputra	SW225	Jamalpur	04-Mar-53	11.53
Old Brahmaputra	SW225	Jamalpur	05-Mar-53	11.53
Old Brahmaputra	SW225	Jamalpur	06-Mar-53	11.53
Old Brahmaputra	SW225	Jamalpur	07-Mar-53	11.53
Old Brahmaputra	SW225	Jamalpur	08-Mar-53	11.55
Old Brahmaputra	SW225	Jamalpur	09-Mar-53	11.55
Old Brahmaputra	SW225	Jamalpur	10-Mar-53	11.55
Old Brahmaputra	SW225	Jamalpur	11-Mar-53	11.56
Old Brahmaputra	SW225	Jamalpur	12-Mar-53	11.56
Old Brahmaputra	SW225	Jamalpur	13-Mar-53	11.56
Old Brahmaputra	SW225	Jamalpur	14-Mar-53	11.55
Old Brahmaputra	SW225	Jamalpur	15-Mar-53	11.55
Old Brahmaputra	SW225	Jamalpur	16-Mar-53	11.53
Old Brahmaputra	SW225	Jamalpur	17-Mar-53	11.53
Old Brahmaputra	SW225	Jamalpur	18-Mar-53	11.52
Old Brahmaputra	SW225	Jamalpur	19-Mar-53	11.52
Old Brahmaputra	SW225	Jamalpur	20-Mar-53	11.51
Old Brahmaputra	SW225	Jamalpur	21-Mar-53	11.51
Old Brahmaputra	SW225	Jamalpur	22-Mar-53	11.51
Old Brahmaputra	SW225	Jamalpur	23-Mar-53	11.49
Old Brahmaputra	SW225	Jamalpur	24-Mar-53	11.49
Old Brahmaputra	SW225	Jamalpur	25-Mar-53	11.49

Old Brahmaputra	SW225	Jamalpur	26-Mar-53	11.48
Old Brahmaputra	SW225	Jamalpur	27-Mar-53	11.48
Old Brahmaputra	SW225	Jamalpur	28-Mar-53	11.48
Old Brahmaputra	SW225	Jamalpur	29-Mar-53	11.48
Old Brahmaputra	SW225	Jamalpur	30-Mar-53	11.48
Old Brahmaputra	SW225	Jamalpur	31-Mar-53	11.48
Old Brahmaputra	SW225	Jamalpur	01-Apr-53	11.46
Old Brahmaputra	SW225	Jamalpur	02-Apr-53	11.46
Old Brahmaputra	SW225	Jamalpur	03-Apr-53	11.46
Old Brahmaputra	SW225	Jamalpur	04-Apr-53	11.46
Old Brahmaputra	SW225	Jamalpur	05-Apr-53	11.46
Old Brahmaputra	SW225	Jamalpur	06-Apr-53	11.46
Old Brahmaputra	SW225	Jamalpur	07-Apr-53	11.46
Old Brahmaputra	SW225	Jamalpur	08-Apr-53	11.46
Old Brahmaputra	SW225	Jamalpur	09-Apr-53	11.48
Old Brahmaputra	SW225	Jamalpur	10-Apr-53	11.48
Old Brahmaputra	SW225	Jamalpur	11-Apr-53	11.48
Old Brahmaputra	SW225	Jamalpur	12-Apr-53	11.48
Old Brahmaputra	SW225	Jamalpur	13-Apr-53	11.46
Old Brahmaputra	SW225	Jamalpur	14-Apr-53	11.46
Old Brahmaputra	SW225	Jamalpur	15-Apr-53	11.48
Old Brahmaputra	SW225	Jamalpur	16-Apr-53	11.48
Old Brahmaputra	SW225	Jamalpur	17-Apr-53	11.48
Old Brahmaputra	SW225	Jamalpur	18-Apr-53	11.52
Old Brahmaputra	SW225	Jamalpur	19-Apr-53	11.55
Old Brahmaputra	SW225	Jamalpur	20-Apr-53	11.8
Old Brahmaputra	SW225	Jamalpur	21-Apr-53	12.13
Old Brahmaputra	SW225	Jamalpur	22-Apr-53	12.3
Old Brahmaputra	SW225	Jamalpur	23-Apr-53	12.6
Old Brahmaputra	SW225	Jamalpur	24-Apr-53	12.74
Old Brahmaputra	SW225	Jamalpur	25-Apr-53	12.51
Old Brahmaputra	SW225	Jamalpur	26-Apr-53	12.38
Old Brahmaputra	SW225	Jamalpur	27-Apr-53	12.45
Old Brahmaputra	SW225	Jamalpur	28-Apr-53	12.71
Old Brahmaputra	SW225	Jamalpur	29-Apr-53	12.68
Old Brahmaputra	SW225	Jamalpur	30-Apr-53	12.48
Old Brahmaputra	SW225	Jamalpur	01-May-53	12.2
Old Brahmaputra	SW225	Jamalpur	02-May-53	12.03
Old Brahmaputra	SW225	Jamalpur	03-May-53	11.82
Old Brahmaputra	SW225	Jamalpur	04-May-53	11.77
Old Brahmaputra	SW225	Jamalpur	05-May-53	11.72
Old Brahmaputra	SW225	Jamalpur	06-May-53	11.56
Old Brahmaputra	SW225	Jamalpur	07-May-53	11.52
Old Brahmaputra	SW225	Jamalpur	08-May-53	11.45
Old Brahmaputra	SW225	Jamalpur	09-May-53	11.41
Old Brahmaputra	SW225	Jamalpur	10-May-53	11.4
Old Brahmaputra	SW225	Jamalpur	11-May-53	11.44
Old Brahmaputra	SW225	Jamalpur	12-May-53	11.49
Old Brahmaputra	SW225	Jamalpur	13-May-53	11.5
Old Brahmaputra	SW225	Jamalpur	14-May-53	11.47

Old Brahmaputra	SW225	Jamalpur	15-May-53	11.45
Old Brahmaputra	SW225	Jamalpur	16-May-53	11.44
Old Brahmaputra	SW225	Jamalpur	17-May-53	11.43
Old Brahmaputra	SW225	Jamalpur	18-May-53	11.43
Old Brahmaputra	SW225	Jamalpur	19-May-53	11.43
Old Brahmaputra	SW225	Jamalpur	20-May-53	11.44
Old Brahmaputra	SW225	Jamalpur	21-May-53	11.63
Old Brahmaputra	SW225	Jamalpur	22-May-53	12.89
Old Brahmaputra	SW225	Jamalpur	23-May-53	13.74
Old Brahmaputra	SW225	Jamalpur	24-May-53	14.19
Old Brahmaputra	SW225	Jamalpur	25-May-53	14.35
Old Brahmaputra	SW225	Jamalpur	26-May-53	14.43
Old Brahmaputra	SW225	Jamalpur	27-May-53	14.4
Old Brahmaputra	SW225	Jamalpur	28-May-53	14.3
Old Brahmaputra	SW225	Jamalpur	29-May-53	14.12
Old Brahmaputra	SW225	Jamalpur	30-May-53	14.02
Old Brahmaputra	SW225	Jamalpur	31-May-53	14.02
Old Brahmaputra	SW225	Jamalpur	01-Jun-53	14.11
Old Brahmaputra	SW225	Jamalpur	02-Jun-53	14.27
Old Brahmaputra	SW225	Jamalpur	03-Jun-53	14.43
Old Brahmaputra	SW225	Jamalpur	04-Jun-53	14.6
Old Brahmaputra	SW225	Jamalpur	05-Jun-53	14.99
Old Brahmaputra	SW225	Jamalpur	06-Jun-53	15.09
Old Brahmaputra	SW225	Jamalpur	07-Jun-53	15.06
Old Brahmaputra	SW225	Jamalpur	08-Jun-53	15.07
Old Brahmaputra	SW225	Jamalpur	09-Jun-53	15.07
Old Brahmaputra	SW225	Jamalpur	10-Jun-53	15.04
Old Brahmaputra	SW225	Jamalpur	11-Jun-53	15.02
Old Brahmaputra	SW225	Jamalpur	12-Jun-53	15.01
Old Brahmaputra	SW225	Jamalpur	13-Jun-53	14.98
Old Brahmaputra	SW225	Jamalpur	14-Jun-53	14.93
Old Brahmaputra	SW225	Jamalpur	15-Jun-53	14.88
Old Brahmaputra	SW225	Jamalpur	16-Jun-53	14.8
Old Brahmaputra	SW225	Jamalpur	17-Jun-53	14.74
Old Brahmaputra	SW225	Jamalpur	18-Jun-53	14.7
Old Brahmaputra	SW225	Jamalpur	19-Jun-53	14.69
Old Brahmaputra	SW225	Jamalpur	20-Jun-53	14.66
Old Brahmaputra	SW225	Jamalpur	21-Jun-53	14.56
Old Brahmaputra	SW225	Jamalpur	22-Jun-53	14.52
Old Brahmaputra	SW225	Jamalpur	23-Jun-53	14.45
Old Brahmaputra	SW225	Jamalpur	24-Jun-53	14.47
Old Brahmaputra	SW225	Jamalpur	25-Jun-53	14.47
Old Brahmaputra	SW225	Jamalpur	26-Jun-53	14.57
Old Brahmaputra	SW225	Jamalpur	27-Jun-53	14.69
Old Brahmaputra	SW225	Jamalpur	28-Jun-53	14.89
Old Brahmaputra	SW225	Jamalpur	29-Jun-53	15.18
Old Brahmaputra	SW225	Jamalpur	30-Jun-53	15.4
Old Brahmaputra	SW225	Jamalpur	01-Jul-53	15.59
Old Brahmaputra	SW225	Jamalpur	02-Jul-53	15.73
Old Brahmaputra	SW225	Jamalpur	03-Jul-53	15.86

Old Brahmaputra	SW225	Jamalpur	04-Jul-53	15.97
Old Brahmaputra	SW225	Jamalpur	05-Jul-53	16.13
Old Brahmaputra	SW225	Jamalpur	06-Jul-53	16.23
Old Brahmaputra	SW225	Jamalpur	07-Jul-53	16.25
Old Brahmaputra	SW225	Jamalpur	08-Jul-53	16.25
Old Brahmaputra	SW225	Jamalpur	09-Jul-53	16.25
Old Brahmaputra	SW225	Jamalpur	10-Jul-53	16.25
Old Brahmaputra	SW225	Jamalpur	11-Jul-53	16.25
Old Brahmaputra	SW225	Jamalpur	12-Jul-53	16.24
Old Brahmaputra	SW225	Jamalpur	13-Jul-53	16.22
Old Brahmaputra	SW225	Jamalpur	14-Jul-53	16.24
Old Brahmaputra	SW225	Jamalpur	15-Jul-53	16.28
Old Brahmaputra	SW225	Jamalpur	16-Jul-53	16.34
Old Brahmaputra	SW225	Jamalpur	17-Jul-53	16.44
Old Brahmaputra	SW225	Jamalpur	18-Jul-53	16.53
Old Brahmaputra	SW225	Jamalpur	19-Jul-53	16.59
Old Brahmaputra	SW225	Jamalpur	20-Jul-53	16.66
Old Brahmaputra	SW225	Jamalpur	21-Jul-53	16.72
Old Brahmaputra	SW225	Jamalpur	22-Jul-53	16.78
Old Brahmaputra	SW225	Jamalpur	23-Jul-53	16.81
Old Brahmaputra	SW225	Jamalpur	24-Jul-53	16.82
Old Brahmaputra	SW225	Jamalpur	25-Jul-53	16.86
Old Brahmaputra	SW225	Jamalpur	26-Jul-53	16.9
Old Brahmaputra	SW225	Jamalpur	27-Jul-53	16.94
Old Brahmaputra	SW225	Jamalpur	28-Jul-53	16.98
Old Brahmaputra	SW225	Jamalpur	29-Jul-53	17
Old Brahmaputra	SW225	Jamalpur	30-Jul-53	17.03
Old Brahmaputra	SW225	Jamalpur	31-Jul-53	17.07
Old Brahmaputra	SW225	Jamalpur	01-Aug-53	17.01
Old Brahmaputra	SW225	Jamalpur	02-Aug-53	17.07
Old Brahmaputra	SW225	Jamalpur	03-Aug-53	17.07
Old Brahmaputra	SW225	Jamalpur	04-Aug-53	17.01
Old Brahmaputra	SW225	Jamalpur	05-Aug-53	16.97
Old Brahmaputra	SW225	Jamalpur	06-Aug-53	16.94
Old Brahmaputra	SW225	Jamalpur	07-Aug-53	16.87
Old Brahmaputra	SW225	Jamalpur	08-Aug-53	16.81
Old Brahmaputra	SW225	Jamalpur	09-Aug-53	16.74
Old Brahmaputra	SW225	Jamalpur	10-Aug-53	16.66
Old Brahmaputra	SW225	Jamalpur	11-Aug-53	16.59
Old Brahmaputra	SW225	Jamalpur	12-Aug-53	16.53
Old Brahmaputra	SW225	Jamalpur	13-Aug-53	16.48
Old Brahmaputra	SW225	Jamalpur	14-Aug-53	16.41
Old Brahmaputra	SW225	Jamalpur	15-Aug-53	16.27
Old Brahmaputra	SW225	Jamalpur	16-Aug-53	16.23
Old Brahmaputra	SW225	Jamalpur	17-Aug-53	16.09
Old Brahmaputra	SW225	Jamalpur	18-Aug-53	15.94
Old Brahmaputra	SW225	Jamalpur	19-Aug-53	15.84
Old Brahmaputra	SW225	Jamalpur	20-Aug-53	15.74
Old Brahmaputra	SW225	Jamalpur	21-Aug-53	15.69
Old Brahmaputra	SW225	Jamalpur	22-Aug-53	15.65

Old Brahmaputra	SW225	Jamalpur	23-Aug-53	15.56
Old Brahmaputra	SW225	Jamalpur	24-Aug-53	15.44
Old Brahmaputra	SW225	Jamalpur	25-Aug-53	15.44
Old Brahmaputra	SW225	Jamalpur	26-Aug-53	15.5
Old Brahmaputra	SW225	Jamalpur	27-Aug-53	15.57
Old Brahmaputra	SW225	Jamalpur	28-Aug-53	15.66
Old Brahmaputra	SW225	Jamalpur	29-Aug-53	15.74
Old Brahmaputra	SW225	Jamalpur	30-Aug-53	15.76
Old Brahmaputra	SW225	Jamalpur	31-Aug-53	15.79
Old Brahmaputra	SW225	Jamalpur	01-Sep-53	15.81
Old Brahmaputra	SW225	Jamalpur	02-Sep-53	15.8
Old Brahmaputra	SW225	Jamalpur	03-Sep-53	15.77
Old Brahmaputra	SW225	Jamalpur	04-Sep-53	15.73
Old Brahmaputra	SW225	Jamalpur	05-Sep-53	15.65
Old Brahmaputra	SW225	Jamalpur	06-Sep-53	15.55
Old Brahmaputra	SW225	Jamalpur	07-Sep-53	15.41
Old Brahmaputra	SW225	Jamalpur	08-Sep-53	15.32
Old Brahmaputra	SW225	Jamalpur	09-Sep-53	15.31
Old Brahmaputra	SW225	Jamalpur	10-Sep-53	15.31
Old Brahmaputra	SW225	Jamalpur	11-Sep-53	15.45
Old Brahmaputra	SW225	Jamalpur	12-Sep-53	15.68
Old Brahmaputra	SW225	Jamalpur	13-Sep-53	16.07
Old Brahmaputra	SW225	Jamalpur	14-Sep-53	16.37
Old Brahmaputra	SW225	Jamalpur	15-Sep-53	16.52
Old Brahmaputra	SW225	Jamalpur	16-Sep-53	16.63
Old Brahmaputra	SW225	Jamalpur	17-Sep-53	16.72
Old Brahmaputra	SW225	Jamalpur	18-Sep-53	16.8
Old Brahmaputra	SW225	Jamalpur	19-Sep-53	16.85
Old Brahmaputra	SW225	Jamalpur	20-Sep-53	16.87
Old Brahmaputra	SW225	Jamalpur	21-Sep-53	16.84
Old Brahmaputra	SW225	Jamalpur	22-Sep-53	16.78
Old Brahmaputra	SW225	Jamalpur	23-Sep-53	16.72
Old Brahmaputra	SW225	Jamalpur	24-Sep-53	16.58
Old Brahmaputra	SW225	Jamalpur	25-Sep-53	16.5
Old Brahmaputra	SW225	Jamalpur	26-Sep-53	16.44
Old Brahmaputra	SW225	Jamalpur	27-Sep-53	16.35
Old Brahmaputra	SW225	Jamalpur	28-Sep-53	16.25
Old Brahmaputra	SW225	Jamalpur	29-Sep-53	16.1
Old Brahmaputra	SW225	Jamalpur	30-Sep-53	15.95
Old Brahmaputra	SW225	Jamalpur	01-Oct-53	15.76
Old Brahmaputra	SW225	Jamalpur	02-Oct-53	15.76
Old Brahmaputra	SW225	Jamalpur	03-Oct-53	15.74
Old Brahmaputra	SW225	Jamalpur	04-Oct-53	15.77
Old Brahmaputra	SW225	Jamalpur	05-Oct-53	15.82
Old Brahmaputra	SW225	Jamalpur	06-Oct-53	15.93
Old Brahmaputra	SW225	Jamalpur	07-Oct-53	15.98
Old Brahmaputra	SW225	Jamalpur	08-Oct-53	16.08
Old Brahmaputra	SW225	Jamalpur	09-Oct-53	16.2
Old Brahmaputra	SW225	Jamalpur	10-Oct-53	16.25
Old Brahmaputra	SW225	Jamalpur	11-Oct-53	16.23

Old Brahmaputra	SW225	Jamalpur	12-Oct-53	16.2
Old Brahmaputra	SW225	Jamalpur	13-Oct-53	16.14
Old Brahmaputra	SW225	Jamalpur	14-Oct-53	16.01
Old Brahmaputra	SW225	Jamalpur	15-Oct-53	15.81
Old Brahmaputra	SW225	Jamalpur	16-Oct-53	15.57
Old Brahmaputra	SW225	Jamalpur	17-Oct-53	15.39
Old Brahmaputra	SW225	Jamalpur	18-Oct-53	15.15
Old Brahmaputra	SW225	Jamalpur	19-Oct-53	14.9
Old Brahmaputra	SW225	Jamalpur	20-Oct-53	14.75
Old Brahmaputra	SW225	Jamalpur	21-Oct-53	14.65
Old Brahmaputra	SW225	Jamalpur	22-Oct-53	14.45
Old Brahmaputra	SW225	Jamalpur	23-Oct-53	14.3
Old Brahmaputra	SW225	Jamalpur	24-Oct-53	14.19
Old Brahmaputra	SW225	Jamalpur	25-Oct-53	14.06
Old Brahmaputra	SW225	Jamalpur	26-Oct-53	13.95
Old Brahmaputra	SW225	Jamalpur	27-Oct-53	13.78
Old Brahmaputra	SW225	Jamalpur	28-Oct-53	13.74
Old Brahmaputra	SW225	Jamalpur	29-Oct-53	13.7
Old Brahmaputra	SW225	Jamalpur	30-Oct-53	13.61
Old Brahmaputra	SW225	Jamalpur	31-Oct-53	13.56
Old Brahmaputra	SW225	Jamalpur	01-Nov-53	13.51
Old Brahmaputra	SW225	Jamalpur	02-Nov-53	13.44
Old Brahmaputra	SW225	Jamalpur	03-Nov-53	13.4
Old Brahmaputra	SW225	Jamalpur	04-Nov-53	13.31
Old Brahmaputra	SW225	Jamalpur	05-Nov-53	13.22
Old Brahmaputra	SW225	Jamalpur	06-Nov-53	13.16
Old Brahmaputra	SW225	Jamalpur	07-Nov-53	13.13
Old Brahmaputra	SW225	Jamalpur	08-Nov-53	13.1
Old Brahmaputra	SW225	Jamalpur	09-Nov-53	13.06
Old Brahmaputra	SW225	Jamalpur	10-Nov-53	13
Old Brahmaputra	SW225	Jamalpur	11-Nov-53	12.94
Old Brahmaputra	SW225	Jamalpur	12-Nov-53	12.89
Old Brahmaputra	SW225	Jamalpur	13-Nov-53	12.84
Old Brahmaputra	SW225	Jamalpur	14-Nov-53	12.8
Old Brahmaputra	SW225	Jamalpur	15-Nov-53	12.77
Old Brahmaputra	SW225	Jamalpur	16-Nov-53	12.7
Old Brahmaputra	SW225	Jamalpur	17-Nov-53	12.66
Old Brahmaputra	SW225	Jamalpur	18-Nov-53	12.63
Old Brahmaputra	SW225	Jamalpur	19-Nov-53	12.58
Old Brahmaputra	SW225	Jamalpur	20-Nov-53	12.55
Old Brahmaputra	SW225	Jamalpur	21-Nov-53	12.52
Old Brahmaputra	SW225	Jamalpur	22-Nov-53	12.51
Old Brahmaputra	SW225	Jamalpur	23-Nov-53	12.49
Old Brahmaputra	SW225	Jamalpur	24-Nov-53	12.48
Old Brahmaputra	SW225	Jamalpur	25-Nov-53	12.48
Old Brahmaputra	SW225	Jamalpur	26-Nov-53	12.44
Old Brahmaputra	SW225	Jamalpur	27-Nov-53	12.42
Old Brahmaputra	SW225	Jamalpur	28-Nov-53	12.4
Old Brahmaputra	SW225	Jamalpur	29-Nov-53	12.38
Old Brahmaputra	SW225	Jamalpur	30-Nov-53	12.36

Old Brahmaputra	SW225	Jamalpur	01-Dec-53	12.35
Old Brahmaputra	SW225	Jamalpur	02-Dec-53	12.33
Old Brahmaputra	SW225	Jamalpur	03-Dec-53	12.31
Old Brahmaputra	SW225	Jamalpur	04-Dec-53	12.3
Old Brahmaputra	SW225	Jamalpur	05-Dec-53	12.28
Old Brahmaputra	SW225	Jamalpur	06-Dec-53	12.27
Old Brahmaputra	SW225	Jamalpur	07-Dec-53	12.26
Old Brahmaputra	SW225	Jamalpur	08-Dec-53	12.26
Old Brahmaputra	SW225	Jamalpur	09-Dec-53	12.24
Old Brahmaputra	SW225	Jamalpur	10-Dec-53	12.24
Old Brahmaputra	SW225	Jamalpur	11-Dec-53	12.24
Old Brahmaputra	SW225	Jamalpur	12-Dec-53	12.24
Old Brahmaputra	SW225	Jamalpur	13-Dec-53	12.22
Old Brahmaputra	SW225	Jamalpur	14-Dec-53	12.22
Old Brahmaputra	SW225	Jamalpur	15-Dec-53	12.22
Old Brahmaputra	SW225	Jamalpur	16-Dec-53	12.22
Old Brahmaputra	SW225	Jamalpur	17-Dec-53	12.2
Old Brahmaputra	SW225	Jamalpur	18-Dec-53	12.19
Old Brahmaputra	SW225	Jamalpur	19-Dec-53	12.19
Old Brahmaputra	SW225	Jamalpur	20-Dec-53	12.19
Old Brahmaputra	SW225	Jamalpur	21-Dec-53	12.19
Old Brahmaputra	SW225	Jamalpur	22-Dec-53	12.18
Old Brahmaputra	SW225	Jamalpur	23-Dec-53	12.18
Old Brahmaputra	SW225	Jamalpur	24-Dec-53	12.18
Old Brahmaputra	SW225	Jamalpur	25-Dec-53	12.16
Old Brahmaputra	SW225	Jamalpur	26-Dec-53	12.16
Old Brahmaputra	SW225	Jamalpur	27-Dec-53	12.16
Old Brahmaputra	SW225	Jamalpur	28-Dec-53	12.16
Old Brahmaputra	SW225	Jamalpur	29-Dec-53	12.15
Old Brahmaputra	SW225	Jamalpur	30-Dec-53	12.15
Old Brahmaputra	SW225	Jamalpur	31-Dec-53	12.13
Old Brahmaputra	SW225	Jamalpur	01-Jan-54	12.13
Old Brahmaputra	SW225	Jamalpur	02-Jan-54	12.13
Old Brahmaputra	SW225	Jamalpur	03-Jan-54	12.13
Old Brahmaputra	SW225	Jamalpur	04-Jan-54	12.11
Old Brahmaputra	SW225	Jamalpur	05-Jan-54	12.11
Old Brahmaputra	SW225	Jamalpur	06-Jan-54	12.1
Old Brahmaputra	SW225	Jamalpur	07-Jan-54	12.1
Old Brahmaputra	SW225	Jamalpur	08-Jan-54	12.1
Old Brahmaputra	SW225	Jamalpur	09-Jan-54	12.09
Old Brahmaputra	SW225	Jamalpur	10-Jan-54	12.09
Old Brahmaputra	SW225	Jamalpur	11-Jan-54	12.09
Old Brahmaputra	SW225	Jamalpur	12-Jan-54	12.09
Old Brahmaputra	SW225	Jamalpur	13-Jan-54	12.07
Old Brahmaputra	SW225	Jamalpur	14-Jan-54	12.07
Old Brahmaputra	SW225	Jamalpur	15-Jan-54	12.07
Old Brahmaputra	SW225	Jamalpur	16-Jan-54	12.07
Old Brahmaputra	SW225	Jamalpur	17-Jan-54	12.07
Old Brahmaputra	SW225	Jamalpur	18-Jan-54	12.07
Old Brahmaputra	SW225	Jamalpur	19-Jan-54	12.07

Old Brahmaputra	SW225	Jamalpur	20-Jan-54	12.07
Old Brahmaputra	SW225	Jamalpur	21-Jan-54	12.07
Old Brahmaputra	SW225	Jamalpur	22-Jan-54	12.06
Old Brahmaputra	SW225	Jamalpur	23-Jan-54	12.06
Old Brahmaputra	SW225	Jamalpur	24-Jan-54	12.06
Old Brahmaputra	SW225	Jamalpur	25-Jan-54	12.06
Old Brahmaputra	SW225	Jamalpur	26-Jan-54	12.06
Old Brahmaputra	SW225	Jamalpur	27-Jan-54	12.04
Old Brahmaputra	SW225	Jamalpur	28-Jan-54	12.04
Old Brahmaputra	SW225	Jamalpur	29-Jan-54	12.04
Old Brahmaputra	SW225	Jamalpur	30-Jan-54	12.02
Old Brahmaputra	SW225	Jamalpur	31-Jan-54	12.02
Old Brahmaputra	SW225	Jamalpur	01-Feb-54	12.02
Old Brahmaputra	SW225	Jamalpur	02-Feb-54	12.02
Old Brahmaputra	SW225	Jamalpur	03-Feb-54	12.02
Old Brahmaputra	SW225	Jamalpur	04-Feb-54	12.01
Old Brahmaputra	SW225	Jamalpur	05-Feb-54	12.01
Old Brahmaputra	SW225	Jamalpur	06-Feb-54	11.99
Old Brahmaputra	SW225	Jamalpur	07-Feb-54	11.99
Old Brahmaputra	SW225	Jamalpur	08-Feb-54	11.99
Old Brahmaputra	SW225	Jamalpur	09-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	10-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	11-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	12-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	13-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	14-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	15-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	16-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	17-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	18-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	19-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	20-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	21-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	22-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	23-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	24-Feb-54	11.98
Old Brahmaputra	SW225	Jamalpur	25-Feb-54	12.01
Old Brahmaputra	SW225	Jamalpur	26-Feb-54	12.02
Old Brahmaputra	SW225	Jamalpur	27-Feb-54	12.04
Old Brahmaputra	SW225	Jamalpur	28-Feb-54	12.04
Old Brahmaputra	SW225	Jamalpur	01-Mar-54	12.06
Old Brahmaputra	SW225	Jamalpur	02-Mar-54	12.06
Old Brahmaputra	SW225	Jamalpur	03-Mar-54	12.06
Old Brahmaputra	SW225	Jamalpur	04-Mar-54	12.06
Old Brahmaputra	SW225	Jamalpur	05-Mar-54	12.06
Old Brahmaputra	SW225	Jamalpur	06-Mar-54	12.06
Old Brahmaputra	SW225	Jamalpur	07-Mar-54	12.04
Old Brahmaputra	SW225	Jamalpur	08-Mar-54	12.04
Old Brahmaputra	SW225	Jamalpur	09-Mar-54	12.04
Old Brahmaputra	SW225	Jamalpur	10-Mar-54	12.04

Old Brahmaputra	SW225	Jamalpur	11-Mar-54	12.04
Old Brahmaputra	SW225	Jamalpur	12-Mar-54	12.04
Old Brahmaputra	SW225	Jamalpur	13-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	14-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	15-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	16-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	17-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	18-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	19-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	20-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	21-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	22-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	23-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	24-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	25-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	26-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	27-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	28-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	29-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	30-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	31-Mar-54	12.02
Old Brahmaputra	SW225	Jamalpur	01-Apr-54	12.02
Old Brahmaputra	SW225	Jamalpur	02-Apr-54	12.02
Old Brahmaputra	SW225	Jamalpur	03-Apr-54	12.02
Old Brahmaputra	SW225	Jamalpur	04-Apr-54	12.02
Old Brahmaputra	SW225	Jamalpur	05-Apr-54	12.02
Old Brahmaputra	SW225	Jamalpur	06-Apr-54	12.02
Old Brahmaputra	SW225	Jamalpur	07-Apr-54	12.02
Old Brahmaputra	SW225	Jamalpur	08-Apr-54	12.03
Old Brahmaputra	SW225	Jamalpur	09-Apr-54	12.06
Old Brahmaputra	SW225	Jamalpur	10-Apr-54	12.07
Old Brahmaputra	SW225	Jamalpur	11-Apr-54	12.07
Old Brahmaputra	SW225	Jamalpur	12-Apr-54	12.07
Old Brahmaputra	SW225	Jamalpur	13-Apr-54	12.07
Old Brahmaputra	SW225	Jamalpur	14-Apr-54	12.07
Old Brahmaputra	SW225	Jamalpur	15-Apr-54	12.09
Old Brahmaputra	SW225	Jamalpur	16-Apr-54	12.09
Old Brahmaputra	SW225	Jamalpur	17-Apr-54	12.1
Old Brahmaputra	SW225	Jamalpur	18-Apr-54	12.1
Old Brahmaputra	SW225	Jamalpur	19-Apr-54	12.11
Old Brahmaputra	SW225	Jamalpur	20-Apr-54	12.2
Old Brahmaputra	SW225	Jamalpur	21-Apr-54	12.48
Old Brahmaputra	SW225	Jamalpur	22-Apr-54	12.71
Old Brahmaputra	SW225	Jamalpur	23-Apr-54	12.78
Old Brahmaputra	SW225	Jamalpur	24-Apr-54	12.78
Old Brahmaputra	SW225	Jamalpur	25-Apr-54	12.69
Old Brahmaputra	SW225	Jamalpur	26-Apr-54	12.65
Old Brahmaputra	SW225	Jamalpur	27-Apr-54	12.68
Old Brahmaputra	SW225	Jamalpur	28-Apr-54	12.9
Old Brahmaputra	SW225	Jamalpur	29-Apr-54	12.93

Old Brahmaputra	SW225	Jamalpur	30-Apr-54	12.9
Old Brahmaputra	SW225	Jamalpur	01-May-54	12.9
Old Brahmaputra	SW225	Jamalpur	02-May-54	12.91
Old Brahmaputra	SW225	Jamalpur	03-May-54	13.47
Old Brahmaputra	SW225	Jamalpur	04-May-54	13.63
Old Brahmaputra	SW225	Jamalpur	05-May-54	13.67
Old Brahmaputra	SW225	Jamalpur	06-May-54	13.72
Old Brahmaputra	SW225	Jamalpur	07-May-54	13.68
Old Brahmaputra	SW225	Jamalpur	08-May-54	13.53
Old Brahmaputra	SW225	Jamalpur	09-May-54	13.41
Old Brahmaputra	SW225	Jamalpur	10-May-54	13.36
Old Brahmaputra	SW225	Jamalpur	11-May-54	13.31
Old Brahmaputra	SW225	Jamalpur	12-May-54	13.26
Old Brahmaputra	SW225	Jamalpur	13-May-54	13.4
Old Brahmaputra	SW225	Jamalpur	14-May-54	13.81
Old Brahmaputra	SW225	Jamalpur	15-May-54	14.13
Old Brahmaputra	SW225	Jamalpur	16-May-54	14.35
Old Brahmaputra	SW225	Jamalpur	17-May-54	14.51
Old Brahmaputra	SW225	Jamalpur	18-May-54	14.7
Old Brahmaputra	SW225	Jamalpur	19-May-54	14.78
Old Brahmaputra	SW225	Jamalpur	20-May-54	14.77
Old Brahmaputra	SW225	Jamalpur	21-May-54	14.73
Old Brahmaputra	SW225	Jamalpur	22-May-54	14.59
Old Brahmaputra	SW225	Jamalpur	23-May-54	14.37
Old Brahmaputra	SW225	Jamalpur	24-May-54	14.19
Old Brahmaputra	SW225	Jamalpur	25-May-54	14.26
Old Brahmaputra	SW225	Jamalpur	26-May-54	14.34
Old Brahmaputra	SW225	Jamalpur	27-May-54	14.56
Old Brahmaputra	SW225	Jamalpur	28-May-54	14.97
Old Brahmaputra	SW225	Jamalpur	29-May-54	15.15
Old Brahmaputra	SW225	Jamalpur	30-May-54	15.22
Old Brahmaputra	SW225	Jamalpur	31-May-54	15.23
Old Brahmaputra	SW225	Jamalpur	01-Jun-54	15.33
Old Brahmaputra	SW225	Jamalpur	02-Jun-54	15.55
Old Brahmaputra	SW225	Jamalpur	03-Jun-54	15.5
Old Brahmaputra	SW225	Jamalpur	04-Jun-54	15.56
Old Brahmaputra	SW225	Jamalpur	05-Jun-54	15.45
Old Brahmaputra	SW225	Jamalpur	06-Jun-54	15.31
Old Brahmaputra	SW225	Jamalpur	07-Jun-54	15.12
Old Brahmaputra	SW225	Jamalpur	08-Jun-54	14.97
Old Brahmaputra	SW225	Jamalpur	09-Jun-54	14.76
Old Brahmaputra	SW225	Jamalpur	10-Jun-54	14.65
Old Brahmaputra	SW225	Jamalpur	11-Jun-54	14.63
Old Brahmaputra	SW225	Jamalpur	12-Jun-54	14.66
Old Brahmaputra	SW225	Jamalpur	13-Jun-54	14.78
Old Brahmaputra	SW225	Jamalpur	14-Jun-54	15.02
Old Brahmaputra	SW225	Jamalpur	15-Jun-54	15.35
Old Brahmaputra	SW225	Jamalpur	16-Jun-54	15.47
Old Brahmaputra	SW225	Jamalpur	17-Jun-54	15.85
Old Brahmaputra	SW225	Jamalpur	18-Jun-54	16.07

Old Brahmaputra	SW225	Jamalpur	19-Jun-54	16.18
Old Brahmaputra	SW225	Jamalpur	20-Jun-54	16.31
Old Brahmaputra	SW225	Jamalpur	21-Jun-54	16.42
Old Brahmaputra	SW225	Jamalpur	22-Jun-54	16.5
Old Brahmaputra	SW225	Jamalpur	23-Jun-54	16.61
Old Brahmaputra	SW225	Jamalpur	24-Jun-54	16.72
Old Brahmaputra	SW225	Jamalpur	25-Jun-54	16.8
Old Brahmaputra	SW225	Jamalpur	26-Jun-54	16.87
Old Brahmaputra	SW225	Jamalpur	27-Jun-54	16.93
Old Brahmaputra	SW225	Jamalpur	28-Jun-54	16.96
Old Brahmaputra	SW225	Jamalpur	29-Jun-54	16.96
Old Brahmaputra	SW225	Jamalpur	30-Jun-54	16.97
Old Brahmaputra	SW225	Jamalpur	01-Jul-54	17.04
Old Brahmaputra	SW225	Jamalpur	02-Jul-54	17.19
Old Brahmaputra	SW225	Jamalpur	03-Jul-54	17.32
Old Brahmaputra	SW225	Jamalpur	04-Jul-54	17.42
Old Brahmaputra	SW225	Jamalpur	05-Jul-54	17.46
Old Brahmaputra	SW225	Jamalpur	06-Jul-54	17.44
Old Brahmaputra	SW225	Jamalpur	07-Jul-54	17.36
Old Brahmaputra	SW225	Jamalpur	08-Jul-54	17.3
Old Brahmaputra	SW225	Jamalpur	09-Jul-54	17.2
Old Brahmaputra	SW225	Jamalpur	10-Jul-54	17.15
Old Brahmaputra	SW225	Jamalpur	11-Jul-54	17.07
Old Brahmaputra	SW225	Jamalpur	12-Jul-54	17
Old Brahmaputra	SW225	Jamalpur	13-Jul-54	16.98
Old Brahmaputra	SW225	Jamalpur	14-Jul-54	16.93
Old Brahmaputra	SW225	Jamalpur	15-Jul-54	16.89
Old Brahmaputra	SW225	Jamalpur	16-Jul-54	16.84
Old Brahmaputra	SW225	Jamalpur	17-Jul-54	16.89
Old Brahmaputra	SW225	Jamalpur	18-Jul-54	17
Old Brahmaputra	SW225	Jamalpur	19-Jul-54	17.07
Old Brahmaputra	SW225	Jamalpur	20-Jul-54	17.13
Old Brahmaputra	SW225	Jamalpur	21-Jul-54	17.17
Old Brahmaputra	SW225	Jamalpur	22-Jul-54	17.25
Old Brahmaputra	SW225	Jamalpur	23-Jul-54	17.36
Old Brahmaputra	SW225	Jamalpur	24-Jul-54	17.43
Old Brahmaputra	SW225	Jamalpur	25-Jul-54	17.47
Old Brahmaputra	SW225	Jamalpur	26-Jul-54	17.54
Old Brahmaputra	SW225	Jamalpur	27-Jul-54	17.7
Old Brahmaputra	SW225	Jamalpur	28-Jul-54	17.78
Old Brahmaputra	SW225	Jamalpur	29-Jul-54	17.87
Old Brahmaputra	SW225	Jamalpur	30-Jul-54	17.94
Old Brahmaputra	SW225	Jamalpur	31-Jul-54	17.99
Old Brahmaputra	SW225	Jamalpur	01-Aug-54	17.98
Old Brahmaputra	SW225	Jamalpur	02-Aug-54	17.92
Old Brahmaputra	SW225	Jamalpur	03-Aug-54	17.89
Old Brahmaputra	SW225	Jamalpur	04-Aug-54	17.87
Old Brahmaputra	SW225	Jamalpur	05-Aug-54	17.8
Old Brahmaputra	SW225	Jamalpur	06-Aug-54	17.69
Old Brahmaputra	SW225	Jamalpur	07-Aug-54	17.61

Old Brahmaputra	SW225	Jamalpur	08-Aug-54	17.57
Old Brahmaputra	SW225	Jamalpur	09-Aug-54	17.5
Old Brahmaputra	SW225	Jamalpur	10-Aug-54	17.42
Old Brahmaputra	SW225	Jamalpur	11-Aug-54	17.34
Old Brahmaputra	SW225	Jamalpur	12-Aug-54	17.15
Old Brahmaputra	SW225	Jamalpur	13-Aug-54	17.2
Old Brahmaputra	SW225	Jamalpur	14-Aug-54	17.11
Old Brahmaputra	SW225	Jamalpur	15-Aug-54	17.04
Old Brahmaputra	SW225	Jamalpur	16-Aug-54	16.98
Old Brahmaputra	SW225	Jamalpur	17-Aug-54	17.01
Old Brahmaputra	SW225	Jamalpur	18-Aug-54	17.07
Old Brahmaputra	SW225	Jamalpur	19-Aug-54	17.07
Old Brahmaputra	SW225	Jamalpur	20-Aug-54	17.08
Old Brahmaputra	SW225	Jamalpur	21-Aug-54	17.15
Old Brahmaputra	SW225	Jamalpur	22-Aug-54	17.22
Old Brahmaputra	SW225	Jamalpur	23-Aug-54	17.23
Old Brahmaputra	SW225	Jamalpur	24-Aug-54	17.22
Old Brahmaputra	SW225	Jamalpur	25-Aug-54	17.34
Old Brahmaputra	SW225	Jamalpur	26-Aug-54	17.59
Old Brahmaputra	SW225	Jamalpur	27-Aug-54	17.76
Old Brahmaputra	SW225	Jamalpur	28-Aug-54	17.78
Old Brahmaputra	SW225	Jamalpur	29-Aug-54	17.73
Old Brahmaputra	SW225	Jamalpur	30-Aug-54	17.67
Old Brahmaputra	SW225	Jamalpur	31-Aug-54	17.61
Old Brahmaputra	SW225	Jamalpur	01-Sep-54	17.58
Old Brahmaputra	SW225	Jamalpur	02-Sep-54	17.49
Old Brahmaputra	SW225	Jamalpur	03-Sep-54	17.35
Old Brahmaputra	SW225	Jamalpur	04-Sep-54	17.17
Old Brahmaputra	SW225	Jamalpur	05-Sep-54	16.98
Old Brahmaputra	SW225	Jamalpur	06-Sep-54	16.77
Old Brahmaputra	SW225	Jamalpur	07-Sep-54	16.58
Old Brahmaputra	SW225	Jamalpur	08-Sep-54	16.42
Old Brahmaputra	SW225	Jamalpur	09-Sep-54	16.23
Old Brahmaputra	SW225	Jamalpur	10-Sep-54	16.07
Old Brahmaputra	SW225	Jamalpur	11-Sep-54	15.91
Old Brahmaputra	SW225	Jamalpur	12-Sep-54	15.78
Old Brahmaputra	SW225	Jamalpur	13-Sep-54	15.69
Old Brahmaputra	SW225	Jamalpur	14-Sep-54	15.68
Old Brahmaputra	SW225	Jamalpur	15-Sep-54	15.69
Old Brahmaputra	SW225	Jamalpur	16-Sep-54	15.71
Old Brahmaputra	SW225	Jamalpur	17-Sep-54	15.71
Old Brahmaputra	SW225	Jamalpur	18-Sep-54	15.69
Old Brahmaputra	SW225	Jamalpur	19-Sep-54	15.68
Old Brahmaputra	SW225	Jamalpur	20-Sep-54	15.68
Old Brahmaputra	SW225	Jamalpur	21-Sep-54	15.68
Old Brahmaputra	SW225	Jamalpur	22-Sep-54	15.69
Old Brahmaputra	SW225	Jamalpur	23-Sep-54	15.69
Old Brahmaputra	SW225	Jamalpur	24-Sep-54	15.65
Old Brahmaputra	SW225	Jamalpur	25-Sep-54	15.59
Old Brahmaputra	SW225	Jamalpur	26-Sep-54	15.5

Old Brahmaputra	SW225	Jamalpur	27-Sep-54	15.41
Old Brahmaputra	SW225	Jamalpur	28-Sep-54	15.35
Old Brahmaputra	SW225	Jamalpur	29-Sep-54	15.32
Old Brahmaputra	SW225	Jamalpur	30-Sep-54	15.3
Old Brahmaputra	SW225	Jamalpur	01-Oct-54	15.35
Old Brahmaputra	SW225	Jamalpur	02-Oct-54	15.41
Old Brahmaputra	SW225	Jamalpur	03-Oct-54	15.51
Old Brahmaputra	SW225	Jamalpur	04-Oct-54	15.73
Old Brahmaputra	SW225	Jamalpur	05-Oct-54	15.91
Old Brahmaputra	SW225	Jamalpur	06-Oct-54	16.07
Old Brahmaputra	SW225	Jamalpur	07-Oct-54	16.16
Old Brahmaputra	SW225	Jamalpur	08-Oct-54	16.2
Old Brahmaputra	SW225	Jamalpur	09-Oct-54	16.14
Old Brahmaputra	SW225	Jamalpur	10-Oct-54	16.05
Old Brahmaputra	SW225	Jamalpur	11-Oct-54	15.95
Old Brahmaputra	SW225	Jamalpur	12-Oct-54	15.9
Old Brahmaputra	SW225	Jamalpur	13-Oct-54	15.9
Old Brahmaputra	SW225	Jamalpur	14-Oct-54	15.95
Old Brahmaputra	SW225	Jamalpur	15-Oct-54	16.01
Old Brahmaputra	SW225	Jamalpur	16-Oct-54	16.01
Old Brahmaputra	SW225	Jamalpur	17-Oct-54	15.94
Old Brahmaputra	SW225	Jamalpur	18-Oct-54	15.82
Old Brahmaputra	SW225	Jamalpur	19-Oct-54	15.66
Old Brahmaputra	SW225	Jamalpur	20-Oct-54	15.48
Old Brahmaputra	SW225	Jamalpur	21-Oct-54	15.28
Old Brahmaputra	SW225	Jamalpur	22-Oct-54	15.12
Old Brahmaputra	SW225	Jamalpur	23-Oct-54	14.94
Old Brahmaputra	SW225	Jamalpur	24-Oct-54	14.8
Old Brahmaputra	SW225	Jamalpur	25-Oct-54	14.66
Old Brahmaputra	SW225	Jamalpur	26-Oct-54	14.56
Old Brahmaputra	SW225	Jamalpur	27-Oct-54	14.47
Old Brahmaputra	SW225	Jamalpur	28-Oct-54	14.4
Old Brahmaputra	SW225	Jamalpur	29-Oct-54	14.34
Old Brahmaputra	SW225	Jamalpur	30-Oct-54	14.25
Old Brahmaputra	SW225	Jamalpur	31-Oct-54	14.16
Old Brahmaputra	SW225	Jamalpur	01-Nov-54	14.1
Old Brahmaputra	SW225	Jamalpur	02-Nov-54	14.08
Old Brahmaputra	SW225	Jamalpur	03-Nov-54	14.07
Old Brahmaputra	SW225	Jamalpur	04-Nov-54	14.01
Old Brahmaputra	SW225	Jamalpur	05-Nov-54	13.91
Old Brahmaputra	SW225	Jamalpur	06-Nov-54	13.83
Old Brahmaputra	SW225	Jamalpur	07-Nov-54	13.73
Old Brahmaputra	SW225	Jamalpur	08-Nov-54	13.64
Old Brahmaputra	SW225	Jamalpur	09-Nov-54	13.55
Old Brahmaputra	SW225	Jamalpur	10-Nov-54	13.45
Old Brahmaputra	SW225	Jamalpur	11-Nov-54	13.4
Old Brahmaputra	SW225	Jamalpur	12-Nov-54	13.34
Old Brahmaputra	SW225	Jamalpur	13-Nov-54	13.27
Old Brahmaputra	SW225	Jamalpur	14-Nov-54	13.2
Old Brahmaputra	SW225	Jamalpur	15-Nov-54	13.12

Old Brahmaputra	SW225	Jamalpur	16-Nov-54	13.07
Old Brahmaputra	SW225	Jamalpur	17-Nov-54	13.02
Old Brahmaputra	SW225	Jamalpur	18-Nov-54	12.97
Old Brahmaputra	SW225	Jamalpur	19-Nov-54	12.91
Old Brahmaputra	SW225	Jamalpur	20-Nov-54	12.88
Old Brahmaputra	SW225	Jamalpur	21-Nov-54	12.82
Old Brahmaputra	SW225	Jamalpur	22-Nov-54	12.78
Old Brahmaputra	SW225	Jamalpur	23-Nov-54	12.74
Old Brahmaputra	SW225	Jamalpur	24-Nov-54	12.73
Old Brahmaputra	SW225	Jamalpur	25-Nov-54	12.7
Old Brahmaputra	SW225	Jamalpur	26-Nov-54	12.66
Old Brahmaputra	SW225	Jamalpur	27-Nov-54	12.65
Old Brahmaputra	SW225	Jamalpur	28-Nov-54	12.61
Old Brahmaputra	SW225	Jamalpur	29-Nov-54	12.6
Old Brahmaputra	SW225	Jamalpur	30-Nov-54	12.58
Old Brahmaputra	SW225	Jamalpur	01-Dec-54	12.55
Old Brahmaputra	SW225	Jamalpur	02-Dec-54	12.52
Old Brahmaputra	SW225	Jamalpur	03-Dec-54	12.49
Old Brahmaputra	SW225	Jamalpur	04-Dec-54	12.48
Old Brahmaputra	SW225	Jamalpur	05-Dec-54	12.46
Old Brahmaputra	SW225	Jamalpur	06-Dec-54	12.44
Old Brahmaputra	SW225	Jamalpur	07-Dec-54	12.42
Old Brahmaputra	SW225	Jamalpur	08-Dec-54	12.41
Old Brahmaputra	SW225	Jamalpur	09-Dec-54	12.4
Old Brahmaputra	SW225	Jamalpur	10-Dec-54	12.39
Old Brahmaputra	SW225	Jamalpur	11-Dec-54	12.38
Old Brahmaputra	SW225	Jamalpur	12-Dec-54	12.38
Old Brahmaputra	SW225	Jamalpur	13-Dec-54	12.38
Old Brahmaputra	SW225	Jamalpur	14-Dec-54	12.38
Old Brahmaputra	SW225	Jamalpur	15-Dec-54	12.38
Old Brahmaputra	SW225	Jamalpur	16-Dec-54	12.36
Old Brahmaputra	SW225	Jamalpur	17-Dec-54	12.36
Old Brahmaputra	SW225	Jamalpur	18-Dec-54	12.35
Old Brahmaputra	SW225	Jamalpur	19-Dec-54	12.33
Old Brahmaputra	SW225	Jamalpur	20-Dec-54	12.33
Old Brahmaputra	SW225	Jamalpur	21-Dec-54	12.31
Old Brahmaputra	SW225	Jamalpur	22-Dec-54	12.3
Old Brahmaputra	SW225	Jamalpur	23-Dec-54	12.3
Old Brahmaputra	SW225	Jamalpur	24-Dec-54	12.28
Old Brahmaputra	SW225	Jamalpur	25-Dec-54	12.28
Old Brahmaputra	SW225	Jamalpur	26-Dec-54	12.27
Old Brahmaputra	SW225	Jamalpur	27-Dec-54	12.27
Old Brahmaputra	SW225	Jamalpur	28-Dec-54	12.27
Old Brahmaputra	SW225	Jamalpur	29-Dec-54	12.27
Old Brahmaputra	SW225	Jamalpur	30-Dec-54	12.26
Old Brahmaputra	SW225	Jamalpur	31-Dec-54	12.26
Old Brahmaputra	SW225	Jamalpur	01-Jan-55	12.26
Old Brahmaputra	SW225	Jamalpur	02-Jan-55	12.24
Old Brahmaputra	SW225	Jamalpur	03-Jan-55	12.24
Old Brahmaputra	SW225	Jamalpur	04-Jan-55	12.22

Old Brahmaputra	SW225	Jamalpur	05-Jan-55	12.22
Old Brahmaputra	SW225	Jamalpur	06-Jan-55	12.2
Old Brahmaputra	SW225	Jamalpur	07-Jan-55	12.19
Old Brahmaputra	SW225	Jamalpur	08-Jan-55	12.18
Old Brahmaputra	SW225	Jamalpur	09-Jan-55	12.16
Old Brahmaputra	SW225	Jamalpur	10-Jan-55	12.16
Old Brahmaputra	SW225	Jamalpur	11-Jan-55	12.16
Old Brahmaputra	SW225	Jamalpur	12-Jan-55	12.16
Old Brahmaputra	SW225	Jamalpur	13-Jan-55	12.16
Old Brahmaputra	SW225	Jamalpur	14-Jan-55	12.15
Old Brahmaputra	SW225	Jamalpur	15-Jan-55	12.15
Old Brahmaputra	SW225	Jamalpur	16-Jan-55	12.15
Old Brahmaputra	SW225	Jamalpur	17-Jan-55	12.15
Old Brahmaputra	SW225	Jamalpur	18-Jan-55	12.13
Old Brahmaputra	SW225	Jamalpur	19-Jan-55	12.13
Old Brahmaputra	SW225	Jamalpur	20-Jan-55	12.13
Old Brahmaputra	SW225	Jamalpur	21-Jan-55	12.13
Old Brahmaputra	SW225	Jamalpur	22-Jan-55	12.13
Old Brahmaputra	SW225	Jamalpur	23-Jan-55	12.11
Old Brahmaputra	SW225	Jamalpur	24-Jan-55	12.11
Old Brahmaputra	SW225	Jamalpur	25-Jan-55	12.11
Old Brahmaputra	SW225	Jamalpur	26-Jan-55	12.11
Old Brahmaputra	SW225	Jamalpur	27-Jan-55	12.11
Old Brahmaputra	SW225	Jamalpur	28-Jan-55	12.1
Old Brahmaputra	SW225	Jamalpur	29-Jan-55	12.1
Old Brahmaputra	SW225	Jamalpur	30-Jan-55	12.1
Old Brahmaputra	SW225	Jamalpur	31-Jan-55	12.1
Old Brahmaputra	SW225	Jamalpur	01-Feb-55	12.09
Old Brahmaputra	SW225	Jamalpur	02-Feb-55	12.09
Old Brahmaputra	SW225	Jamalpur	03-Feb-55	12.09
Old Brahmaputra	SW225	Jamalpur	04-Feb-55	12.09
Old Brahmaputra	SW225	Jamalpur	05-Feb-55	12.09
Old Brahmaputra	SW225	Jamalpur	06-Feb-55	12.09
Old Brahmaputra	SW225	Jamalpur	07-Feb-55	12.07
Old Brahmaputra	SW225	Jamalpur	08-Feb-55	12.07
Old Brahmaputra	SW225	Jamalpur	09-Feb-55	12.07
Old Brahmaputra	SW225	Jamalpur	10-Feb-55	12.07
Old Brahmaputra	SW225	Jamalpur	11-Feb-55	12.06
Old Brahmaputra	SW225	Jamalpur	12-Feb-55	12.06
Old Brahmaputra	SW225	Jamalpur	13-Feb-55	12.06
Old Brahmaputra	SW225	Jamalpur	14-Feb-55	12.06
Old Brahmaputra	SW225	Jamalpur	15-Feb-55	12.06
Old Brahmaputra	SW225	Jamalpur	16-Feb-55	12.06
Old Brahmaputra	SW225	Jamalpur	17-Feb-55	12.06
Old Brahmaputra	SW225	Jamalpur	18-Feb-55	12.06
Old Brahmaputra	SW225	Jamalpur	19-Feb-55	12.06
Old Brahmaputra	SW225	Jamalpur	20-Feb-55	12.06
Old Brahmaputra	SW225	Jamalpur	21-Feb-55	12.04
Old Brahmaputra	SW225	Jamalpur	22-Feb-55	12.04
Old Brahmaputra	SW225	Jamalpur	23-Feb-55	12.04

Old Brahmaputra	SW225	Jamalpur	24-Feb-55	12.04
Old Brahmaputra	SW225	Jamalpur	25-Feb-55	12.04
Old Brahmaputra	SW225	Jamalpur	26-Feb-55	12.04
Old Brahmaputra	SW225	Jamalpur	27-Feb-55	12.02
Old Brahmaputra	SW225	Jamalpur	28-Feb-55	12.02
Old Brahmaputra	SW225	Jamalpur	01-Mar-55	12.02
Old Brahmaputra	SW225	Jamalpur	02-Mar-55	12.02
Old Brahmaputra	SW225	Jamalpur	03-Mar-55	12.02
Old Brahmaputra	SW225	Jamalpur	04-Mar-55	12.02
Old Brahmaputra	SW225	Jamalpur	05-Mar-55	12.02
Old Brahmaputra	SW225	Jamalpur	06-Mar-55	12.02
Old Brahmaputra	SW225	Jamalpur	07-Mar-55	12.02
Old Brahmaputra	SW225	Jamalpur	08-Mar-55	12.02
Old Brahmaputra	SW225	Jamalpur	09-Mar-55	12.01
Old Brahmaputra	SW225	Jamalpur	10-Mar-55	12.01
Old Brahmaputra	SW225	Jamalpur	11-Mar-55	12.01
Old Brahmaputra	SW225	Jamalpur	12-Mar-55	12.01
Old Brahmaputra	SW225	Jamalpur	13-Mar-55	12.01
Old Brahmaputra	SW225	Jamalpur	14-Mar-55	12.01
Old Brahmaputra	SW225	Jamalpur	15-Mar-55	11.99
Old Brahmaputra	SW225	Jamalpur	16-Mar-55	11.99
Old Brahmaputra	SW225	Jamalpur	17-Mar-55	11.99
Old Brahmaputra	SW225	Jamalpur	18-Mar-55	11.99
Old Brahmaputra	SW225	Jamalpur	19-Mar-55	11.99
Old Brahmaputra	SW225	Jamalpur	20-Mar-55	11.99
Old Brahmaputra	SW225	Jamalpur	21-Mar-55	11.99
Old Brahmaputra	SW225	Jamalpur	22-Mar-55	11.98
Old Brahmaputra	SW225	Jamalpur	23-Mar-55	11.98
Old Brahmaputra	SW225	Jamalpur	24-Mar-55	11.98
Old Brahmaputra	SW225	Jamalpur	25-Mar-55	11.98
Old Brahmaputra	SW225	Jamalpur	26-Mar-55	11.98
Old Brahmaputra	SW225	Jamalpur	27-Mar-55	11.98
Old Brahmaputra	SW225	Jamalpur	28-Mar-55	11.98
Old Brahmaputra	SW225	Jamalpur	29-Mar-55	11.98
Old Brahmaputra	SW225	Jamalpur	30-Mar-55	11.98
Old Brahmaputra	SW225	Jamalpur	31-Mar-55	11.98
Old Brahmaputra	SW225	Jamalpur	01-Apr-55	11.97
Old Brahmaputra	SW225	Jamalpur	02-Apr-55	11.98
Old Brahmaputra	SW225	Jamalpur	03-Apr-55	12.07
Old Brahmaputra	SW225	Jamalpur	04-Apr-55	12.27
Old Brahmaputra	SW225	Jamalpur	05-Apr-55	12.4
Old Brahmaputra	SW225	Jamalpur	06-Apr-55	12.39
Old Brahmaputra	SW225	Jamalpur	07-Apr-55	12.33
Old Brahmaputra	SW225	Jamalpur	08-Apr-55	12.27
Old Brahmaputra	SW225	Jamalpur	09-Apr-55	12.22
Old Brahmaputra	SW225	Jamalpur	10-Apr-55	12.16
Old Brahmaputra	SW225	Jamalpur	11-Apr-55	12.14
Old Brahmaputra	SW225	Jamalpur	12-Apr-55	12.13
Old Brahmaputra	SW225	Jamalpur	13-Apr-55	12.11
Old Brahmaputra	SW225	Jamalpur	14-Apr-55	12.09

Old Brahmaputra	SW225	Jamalpur	15-Apr-55	12.07
Old Brahmaputra	SW225	Jamalpur	16-Apr-55	12.05
Old Brahmaputra	SW225	Jamalpur	17-Apr-55	12.03
Old Brahmaputra	SW225	Jamalpur	18-Apr-55	12.02
Old Brahmaputra	SW225	Jamalpur	19-Apr-55	12.01
Old Brahmaputra	SW225	Jamalpur	20-Apr-55	11.99
Old Brahmaputra	SW225	Jamalpur	21-Apr-55	11.98
Old Brahmaputra	SW225	Jamalpur	22-Apr-55	11.98
Old Brahmaputra	SW225	Jamalpur	23-Apr-55	11.98
Old Brahmaputra	SW225	Jamalpur	24-Apr-55	11.98
Old Brahmaputra	SW225	Jamalpur	25-Apr-55	11.98
Old Brahmaputra	SW225	Jamalpur	26-Apr-55	11.97
Old Brahmaputra	SW225	Jamalpur	27-Apr-55	11.97
Old Brahmaputra	SW225	Jamalpur	28-Apr-55	11.95
Old Brahmaputra	SW225	Jamalpur	29-Apr-55	11.95
Old Brahmaputra	SW225	Jamalpur	30-Apr-55	11.95
Old Brahmaputra	SW225	Jamalpur	01-May-55	11.95
Old Brahmaputra	SW225	Jamalpur	02-May-55	11.95
Old Brahmaputra	SW225	Jamalpur	03-May-55	11.95
Old Brahmaputra	SW225	Jamalpur	04-May-55	11.97
Old Brahmaputra	SW225	Jamalpur	05-May-55	11.97
Old Brahmaputra	SW225	Jamalpur	06-May-55	11.98
Old Brahmaputra	SW225	Jamalpur	07-May-55	12.01
Old Brahmaputra	SW225	Jamalpur	08-May-55	12.31
Old Brahmaputra	SW225	Jamalpur	09-May-55	12.57
Old Brahmaputra	SW225	Jamalpur	10-May-55	12.6
Old Brahmaputra	SW225	Jamalpur	11-May-55	12.56
Old Brahmaputra	SW225	Jamalpur	12-May-55	12.56
Old Brahmaputra	SW225	Jamalpur	13-May-55	12.58
Old Brahmaputra	SW225	Jamalpur	14-May-55	12.6
Old Brahmaputra	SW225	Jamalpur	15-May-55	12.61
Old Brahmaputra	SW225	Jamalpur	16-May-55	12.63
Old Brahmaputra	SW225	Jamalpur	17-May-55	12.68
Old Brahmaputra	SW225	Jamalpur	18-May-55	12.78
Old Brahmaputra	SW225	Jamalpur	19-May-55	13.07
Old Brahmaputra	SW225	Jamalpur	20-May-55	13.4
Old Brahmaputra	SW225	Jamalpur	21-May-55	13.65
Old Brahmaputra	SW225	Jamalpur	22-May-55	13.64
Old Brahmaputra	SW225	Jamalpur	23-May-55	13.48
Old Brahmaputra	SW225	Jamalpur	24-May-55	13.35
Old Brahmaputra	SW225	Jamalpur	25-May-55	13.29
Old Brahmaputra	SW225	Jamalpur	26-May-55	13.33
Old Brahmaputra	SW225	Jamalpur	27-May-55	13.64
Old Brahmaputra	SW225	Jamalpur	28-May-55	14.11
Old Brahmaputra	SW225	Jamalpur	29-May-55	14.32
Old Brahmaputra	SW225	Jamalpur	30-May-55	14.27
Old Brahmaputra	SW225	Jamalpur	31-May-55	14.11
Old Brahmaputra	SW225	Jamalpur	01-Jun-55	13.94
Old Brahmaputra	SW225	Jamalpur	02-Jun-55	13.85
Old Brahmaputra	SW225	Jamalpur	03-Jun-55	13.89

Old Brahmaputra	SW225	Jamalpur	04-Jun-55	14.05
Old Brahmaputra	SW225	Jamalpur	05-Jun-55	14.41
Old Brahmaputra	SW225	Jamalpur	06-Jun-55	14.72
Old Brahmaputra	SW225	Jamalpur	07-Jun-55	14.83
Old Brahmaputra	SW225	Jamalpur	08-Jun-55	14.97
Old Brahmaputra	SW225	Jamalpur	09-Jun-55	14.98
Old Brahmaputra	SW225	Jamalpur	10-Jun-55	14.9
Old Brahmaputra	SW225	Jamalpur	11-Jun-55	14.8
Old Brahmaputra	SW225	Jamalpur	12-Jun-55	14.81
Old Brahmaputra	SW225	Jamalpur	13-Jun-55	14.92
Old Brahmaputra	SW225	Jamalpur	14-Jun-55	14.99
Old Brahmaputra	SW225	Jamalpur	15-Jun-55	15.21
Old Brahmaputra	SW225	Jamalpur	16-Jun-55	15.35
Old Brahmaputra	SW225	Jamalpur	17-Jun-55	15.43
Old Brahmaputra	SW225	Jamalpur	18-Jun-55	15.41
Old Brahmaputra	SW225	Jamalpur	19-Jun-55	15.4
Old Brahmaputra	SW225	Jamalpur	20-Jun-55	15.44
Old Brahmaputra	SW225	Jamalpur	21-Jun-55	15.52
Old Brahmaputra	SW225	Jamalpur	22-Jun-55	15.65
Old Brahmaputra	SW225	Jamalpur	23-Jun-55	15.85
Old Brahmaputra	SW225	Jamalpur	24-Jun-55	16.05
Old Brahmaputra	SW225	Jamalpur	25-Jun-55	16.18
Old Brahmaputra	SW225	Jamalpur	26-Jun-55	16.33
Old Brahmaputra	SW225	Jamalpur	27-Jun-55	16.42
Old Brahmaputra	SW225	Jamalpur	28-Jun-55	16.47
Old Brahmaputra	SW225	Jamalpur	29-Jun-55	16.49
Old Brahmaputra	SW225	Jamalpur	30-Jun-55	16.47
Old Brahmaputra	SW225	Jamalpur	01-Jul-55	16.44
Old Brahmaputra	SW225	Jamalpur	02-Jul-55	16.39
Old Brahmaputra	SW225	Jamalpur	03-Jul-55	16.32
Old Brahmaputra	SW225	Jamalpur	04-Jul-55	16.31
Old Brahmaputra	SW225	Jamalpur	05-Jul-55	16.31
Old Brahmaputra	SW225	Jamalpur	06-Jul-55	16.33
Old Brahmaputra	SW225	Jamalpur	07-Jul-55	16.41
Old Brahmaputra	SW225	Jamalpur	08-Jul-55	16.52
Old Brahmaputra	SW225	Jamalpur	09-Jul-55	16.65
Old Brahmaputra	SW225	Jamalpur	10-Jul-55	16.76
Old Brahmaputra	SW225	Jamalpur	11-Jul-55	16.83
Old Brahmaputra	SW225	Jamalpur	12-Jul-55	16.89
Old Brahmaputra	SW225	Jamalpur	13-Jul-55	16.94
Old Brahmaputra	SW225	Jamalpur	14-Jul-55	17
Old Brahmaputra	SW225	Jamalpur	15-Jul-55	17.01
Old Brahmaputra	SW225	Jamalpur	16-Jul-55	17.03
Old Brahmaputra	SW225	Jamalpur	17-Jul-55	17.05
Old Brahmaputra	SW225	Jamalpur	18-Jul-55	17.04
Old Brahmaputra	SW225	Jamalpur	19-Jul-55	17.05
Old Brahmaputra	SW225	Jamalpur	20-Jul-55	17.11
Old Brahmaputra	SW225	Jamalpur	21-Jul-55	17.14
Old Brahmaputra	SW225	Jamalpur	22-Jul-55	17.14
Old Brahmaputra	SW225	Jamalpur	23-Jul-55	17.11

Old Brahmaputra	SW225	Jamalpur	24-Jul-55	17.02
Old Brahmaputra	SW225	Jamalpur	25-Jul-55	17
Old Brahmaputra	SW225	Jamalpur	26-Jul-55	17.15
Old Brahmaputra	SW225	Jamalpur	27-Jul-55	17.34
Old Brahmaputra	SW225	Jamalpur	28-Jul-55	17.58
Old Brahmaputra	SW225	Jamalpur	29-Jul-55	17.77
Old Brahmaputra	SW225	Jamalpur	30-Jul-55	17.85
Old Brahmaputra	SW225	Jamalpur	31-Jul-55	17.86
Old Brahmaputra	SW225	Jamalpur	01-Aug-55	17.89
Old Brahmaputra	SW225	Jamalpur	02-Aug-55	17.93
Old Brahmaputra	SW225	Jamalpur	03-Aug-55	17.92
Old Brahmaputra	SW225	Jamalpur	04-Aug-55	17.88
Old Brahmaputra	SW225	Jamalpur	05-Aug-55	17.84
Old Brahmaputra	SW225	Jamalpur	06-Aug-55	17.89
Old Brahmaputra	SW225	Jamalpur	07-Aug-55	17.9
Old Brahmaputra	SW225	Jamalpur	08-Aug-55	17.87
Old Brahmaputra	SW225	Jamalpur	09-Aug-55	17.83
Old Brahmaputra	SW225	Jamalpur	10-Aug-55	17.83
Old Brahmaputra	SW225	Jamalpur	11-Aug-55	17.75
Old Brahmaputra	SW225	Jamalpur	12-Aug-55	17.67
Old Brahmaputra	SW225	Jamalpur	13-Aug-55	17.64
Old Brahmaputra	SW225	Jamalpur	14-Aug-55	17.65
Old Brahmaputra	SW225	Jamalpur	15-Aug-55	17.66
Old Brahmaputra	SW225	Jamalpur	16-Aug-55	17.67
Old Brahmaputra	SW225	Jamalpur	17-Aug-55	17.64
Old Brahmaputra	SW225	Jamalpur	18-Aug-55	17.56
Old Brahmaputra	SW225	Jamalpur	19-Aug-55	17.43
Old Brahmaputra	SW225	Jamalpur	20-Aug-55	17.33
Old Brahmaputra	SW225	Jamalpur	21-Aug-55	17.17
Old Brahmaputra	SW225	Jamalpur	22-Aug-55	17
Old Brahmaputra	SW225	Jamalpur	23-Aug-55	16.82
Old Brahmaputra	SW225	Jamalpur	24-Aug-55	16.68
Old Brahmaputra	SW225	Jamalpur	25-Aug-55	16.57
Old Brahmaputra	SW225	Jamalpur	26-Aug-55	16.49
Old Brahmaputra	SW225	Jamalpur	27-Aug-55	16.39
Old Brahmaputra	SW225	Jamalpur	28-Aug-55	16.27
Old Brahmaputra	SW225	Jamalpur	29-Aug-55	16.16
Old Brahmaputra	SW225	Jamalpur	30-Aug-55	16.05
Old Brahmaputra	SW225	Jamalpur	31-Aug-55	15.97
Old Brahmaputra	SW225	Jamalpur	01-Sep-55	15.88
Old Brahmaputra	SW225	Jamalpur	02-Sep-55	15.74
Old Brahmaputra	SW225	Jamalpur	03-Sep-55	15.62
Old Brahmaputra	SW225	Jamalpur	04-Sep-55	15.56
Old Brahmaputra	SW225	Jamalpur	05-Sep-55	15.5
Old Brahmaputra	SW225	Jamalpur	06-Sep-55	15.43
Old Brahmaputra	SW225	Jamalpur	07-Sep-55	15.37
Old Brahmaputra	SW225	Jamalpur	08-Sep-55	15.34
Old Brahmaputra	SW225	Jamalpur	09-Sep-55	15.38
Old Brahmaputra	SW225	Jamalpur	10-Sep-55	15.47
Old Brahmaputra	SW225	Jamalpur	11-Sep-55	15.55

Old Brahmaputra	SW225	Jamalpur	12-Sep-55	15.73
Old Brahmaputra	SW225	Jamalpur	13-Sep-55	15.9
Old Brahmaputra	SW225	Jamalpur	14-Sep-55	16.13
Old Brahmaputra	SW225	Jamalpur	15-Sep-55	16.08
Old Brahmaputra	SW225	Jamalpur	16-Sep-55	16.08
Old Brahmaputra	SW225	Jamalpur	17-Sep-55	16.17
Old Brahmaputra	SW225	Jamalpur	18-Sep-55	16.18
Old Brahmaputra	SW225	Jamalpur	19-Sep-55	16.18
Old Brahmaputra	SW225	Jamalpur	20-Sep-55	16.12
Old Brahmaputra	SW225	Jamalpur	21-Sep-55	16.02
Old Brahmaputra	SW225	Jamalpur	22-Sep-55	15.95
Old Brahmaputra	SW225	Jamalpur	23-Sep-55	15.88
Old Brahmaputra	SW225	Jamalpur	24-Sep-55	15.76
Old Brahmaputra	SW225	Jamalpur	25-Sep-55	15.65
Old Brahmaputra	SW225	Jamalpur	26-Sep-55	15.55
Old Brahmaputra	SW225	Jamalpur	27-Sep-55	15.41
Old Brahmaputra	SW225	Jamalpur	28-Sep-55	15.3
Old Brahmaputra	SW225	Jamalpur	29-Sep-55	15.15
Old Brahmaputra	SW225	Jamalpur	30-Sep-55	15.03
Old Brahmaputra	SW225	Jamalpur	01-Oct-55	14.95
Old Brahmaputra	SW225	Jamalpur	02-Oct-55	14.86
Old Brahmaputra	SW225	Jamalpur	03-Oct-55	14.8
Old Brahmaputra	SW225	Jamalpur	04-Oct-55	14.73
Old Brahmaputra	SW225	Jamalpur	05-Oct-55	14.66
Old Brahmaputra	SW225	Jamalpur	06-Oct-55	14.6
Old Brahmaputra	SW225	Jamalpur	07-Oct-55	14.57
Old Brahmaputra	SW225	Jamalpur	08-Oct-55	14.6
Old Brahmaputra	SW225	Jamalpur	09-Oct-55	14.67
Old Brahmaputra	SW225	Jamalpur	10-Oct-55	14.67
Old Brahmaputra	SW225	Jamalpur	11-Oct-55	14.63
Old Brahmaputra	SW225	Jamalpur	12-Oct-55	14.56
Old Brahmaputra	SW225	Jamalpur	13-Oct-55	14.47
Old Brahmaputra	SW225	Jamalpur	14-Oct-55	14.37
Old Brahmaputra	SW225	Jamalpur	15-Oct-55	14.27
Old Brahmaputra	SW225	Jamalpur	16-Oct-55	14.19
Old Brahmaputra	SW225	Jamalpur	17-Oct-55	14.16
Old Brahmaputra	SW225	Jamalpur	18-Oct-55	14.22
Old Brahmaputra	SW225	Jamalpur	19-Oct-55	14.27
Old Brahmaputra	SW225	Jamalpur	20-Oct-55	14.31
Old Brahmaputra	SW225	Jamalpur	21-Oct-55	14.31
Old Brahmaputra	SW225	Jamalpur	22-Oct-55	14.32
Old Brahmaputra	SW225	Jamalpur	23-Oct-55	14.31
Old Brahmaputra	SW225	Jamalpur	24-Oct-55	14.22
Old Brahmaputra	SW225	Jamalpur	25-Oct-55	14.16
Old Brahmaputra	SW225	Jamalpur	26-Oct-55	14.11
Old Brahmaputra	SW225	Jamalpur	27-Oct-55	14.16
Old Brahmaputra	SW225	Jamalpur	28-Oct-55	14.25
Old Brahmaputra	SW225	Jamalpur	29-Oct-55	14.34
Old Brahmaputra	SW225	Jamalpur	30-Oct-55	14.35
Old Brahmaputra	SW225	Jamalpur	31-Oct-55	14.35

Old Brahmaputra	SW225	Jamalpur	01-Nov-55	14.32
Old Brahmaputra	SW225	Jamalpur	02-Nov-55	14.27
Old Brahmaputra	SW225	Jamalpur	03-Nov-55	14.16
Old Brahmaputra	SW225	Jamalpur	04-Nov-55	14.05
Old Brahmaputra	SW225	Jamalpur	05-Nov-55	13.93
Old Brahmaputra	SW225	Jamalpur	06-Nov-55	13.77
Old Brahmaputra	SW225	Jamalpur	07-Nov-55	13.65
Old Brahmaputra	SW225	Jamalpur	08-Nov-55	13.55
Old Brahmaputra	SW225	Jamalpur	09-Nov-55	13.44
Old Brahmaputra	SW225	Jamalpur	10-Nov-55	13.36
Old Brahmaputra	SW225	Jamalpur	11-Nov-55	13.3
Old Brahmaputra	SW225	Jamalpur	12-Nov-55	13.22
Old Brahmaputra	SW225	Jamalpur	13-Nov-55	13.16
Old Brahmaputra	SW225	Jamalpur	14-Nov-55	13.14
Old Brahmaputra	SW225	Jamalpur	15-Nov-55	13.14
Old Brahmaputra	SW225	Jamalpur	16-Nov-55	13.13
Old Brahmaputra	SW225	Jamalpur	17-Nov-55	13.1
Old Brahmaputra	SW225	Jamalpur	18-Nov-55	13.07
Old Brahmaputra	SW225	Jamalpur	19-Nov-55	13.04
Old Brahmaputra	SW225	Jamalpur	20-Nov-55	12.99
Old Brahmaputra	SW225	Jamalpur	21-Nov-55	12.95
Old Brahmaputra	SW225	Jamalpur	22-Nov-55	12.91
Old Brahmaputra	SW225	Jamalpur	23-Nov-55	12.85
Old Brahmaputra	SW225	Jamalpur	24-Nov-55	12.81
Old Brahmaputra	SW225	Jamalpur	25-Nov-55	12.77
Old Brahmaputra	SW225	Jamalpur	26-Nov-55	12.74
Old Brahmaputra	SW225	Jamalpur	27-Nov-55	12.74
Old Brahmaputra	SW225	Jamalpur	28-Nov-55	12.73
Old Brahmaputra	SW225	Jamalpur	29-Nov-55	12.71
Old Brahmaputra	SW225	Jamalpur	30-Nov-55	12.71
Old Brahmaputra	SW225	Jamalpur	01-Dec-55	12.68
Old Brahmaputra	SW225	Jamalpur	02-Dec-55	12.66
Old Brahmaputra	SW225	Jamalpur	03-Dec-55	12.65
Old Brahmaputra	SW225	Jamalpur	04-Dec-55	12.64
Old Brahmaputra	SW225	Jamalpur	05-Dec-55	12.62
Old Brahmaputra	SW225	Jamalpur	06-Dec-55	12.6
Old Brahmaputra	SW225	Jamalpur	07-Dec-55	12.59
Old Brahmaputra	SW225	Jamalpur	08-Dec-55	12.59
Old Brahmaputra	SW225	Jamalpur	09-Dec-55	12.57
Old Brahmaputra	SW225	Jamalpur	10-Dec-55	12.57
Old Brahmaputra	SW225	Jamalpur	11-Dec-55	12.56
Old Brahmaputra	SW225	Jamalpur	12-Dec-55	12.55
Old Brahmaputra	SW225	Jamalpur	13-Dec-55	12.55
Old Brahmaputra	SW225	Jamalpur	14-Dec-55	12.52
Old Brahmaputra	SW225	Jamalpur	15-Dec-55	12.52
Old Brahmaputra	SW225	Jamalpur	16-Dec-55	12.51
Old Brahmaputra	SW225	Jamalpur	17-Dec-55	12.49
Old Brahmaputra	SW225	Jamalpur	18-Dec-55	12.49
Old Brahmaputra	SW225	Jamalpur	19-Dec-55	12.48
Old Brahmaputra	SW225	Jamalpur	20-Dec-55	12.48

Old Brahmaputra	SW225	Jamalpur	21-Dec-55	12.48
Old Brahmaputra	SW225	Jamalpur	22-Dec-55	12.47
Old Brahmaputra	SW225	Jamalpur	23-Dec-55	12.47
Old Brahmaputra	SW225	Jamalpur	24-Dec-55	12.45
Old Brahmaputra	SW225	Jamalpur	25-Dec-55	12.45
Old Brahmaputra	SW225	Jamalpur	26-Dec-55	12.45
Old Brahmaputra	SW225	Jamalpur	27-Dec-55	12.44
Old Brahmaputra	SW225	Jamalpur	28-Dec-55	12.44
Old Brahmaputra	SW225	Jamalpur	29-Dec-55	12.44
Old Brahmaputra	SW225	Jamalpur	30-Dec-55	12.44
Old Brahmaputra	SW225	Jamalpur	31-Dec-55	12.44
Old Brahmaputra	SW225	Jamalpur	15-May-56	15.1
Old Brahmaputra	SW225	Jamalpur	16-May-56	14.94
Old Brahmaputra	SW225	Jamalpur	17-May-56	14.83
Old Brahmaputra	SW225	Jamalpur	18-May-56	14.77
Old Brahmaputra	SW225	Jamalpur	19-May-56	14.88
Old Brahmaputra	SW225	Jamalpur	20-May-56	15.19
Old Brahmaputra	SW225	Jamalpur	21-May-56	15.56
Old Brahmaputra	SW225	Jamalpur	22-May-56	15.86
Old Brahmaputra	SW225	Jamalpur	23-May-56	16.07
Old Brahmaputra	SW225	Jamalpur	24-May-56	16.18
Old Brahmaputra	SW225	Jamalpur	25-May-56	16.3
Old Brahmaputra	SW225	Jamalpur	26-May-56	16.23
Old Brahmaputra	SW225	Jamalpur	27-May-56	16.31
Old Brahmaputra	SW225	Jamalpur	28-May-56	15.86
Old Brahmaputra	SW225	Jamalpur	29-May-56	15.45
Old Brahmaputra	SW225	Jamalpur	30-May-56	15.28
Old Brahmaputra	SW225	Jamalpur	31-May-56	15.16
Old Brahmaputra	SW225	Jamalpur	01-Jun-56	15.1
Old Brahmaputra	SW225	Jamalpur	02-Jun-56	14.99
Old Brahmaputra	SW225	Jamalpur	03-Jun-56	14.9
Old Brahmaputra	SW225	Jamalpur	04-Jun-56	14.75
Old Brahmaputra	SW225	Jamalpur	05-Jun-56	14.52
Old Brahmaputra	SW225	Jamalpur	06-Jun-56	14.52
Old Brahmaputra	SW225	Jamalpur	07-Jun-56	14.45
Old Brahmaputra	SW225	Jamalpur	08-Jun-56	14.51
Old Brahmaputra	SW225	Jamalpur	09-Jun-56	14.66
Old Brahmaputra	SW225	Jamalpur	10-Jun-56	14.99
Old Brahmaputra	SW225	Jamalpur	11-Jun-56	15.08
Old Brahmaputra	SW225	Jamalpur	12-Jun-56	15.14
Old Brahmaputra	SW225	Jamalpur	13-Jun-56	15.16
Old Brahmaputra	SW225	Jamalpur	14-Jun-56	15.35
Old Brahmaputra	SW225	Jamalpur	15-Jun-56	15.59
Old Brahmaputra	SW225	Jamalpur	16-Jun-56	15.85
Old Brahmaputra	SW225	Jamalpur	17-Jun-56	16.36
Old Brahmaputra	SW225	Jamalpur	18-Jun-56	16.68
Old Brahmaputra	SW225	Jamalpur	19-Jun-56	16.89
Old Brahmaputra	SW225	Jamalpur	20-Jun-56	17
Old Brahmaputra	SW225	Jamalpur	21-Jun-56	17.05
Old Brahmaputra	SW225	Jamalpur	22-Jun-56	17.15

Old Brahmaputra	SW225	Jamalpur	23-Jun-56	17.32
Old Brahmaputra	SW225	Jamalpur	24-Jun-56	17.37
Old Brahmaputra	SW225	Jamalpur	25-Jun-56	17.33
Old Brahmaputra	SW225	Jamalpur	26-Jun-56	17.26
Old Brahmaputra	SW225	Jamalpur	27-Jun-56	17.19
Old Brahmaputra	SW225	Jamalpur	28-Jun-56	17.11
Old Brahmaputra	SW225	Jamalpur	29-Jun-56	17.08
Old Brahmaputra	SW225	Jamalpur	30-Jun-56	17.06
Old Brahmaputra	SW225	Jamalpur	01-Jul-56	17.01
Old Brahmaputra	SW225	Jamalpur	02-Jul-56	16.96
Old Brahmaputra	SW225	Jamalpur	03-Jul-56	16.93
Old Brahmaputra	SW225	Jamalpur	04-Jul-56	16.88
Old Brahmaputra	SW225	Jamalpur	05-Jul-56	16.81
Old Brahmaputra	SW225	Jamalpur	06-Jul-56	16.75
Old Brahmaputra	SW225	Jamalpur	07-Jul-56	16.64
Old Brahmaputra	SW225	Jamalpur	08-Jul-56	16.49
Old Brahmaputra	SW225	Jamalpur	09-Jul-56	16.33
Old Brahmaputra	SW225	Jamalpur	10-Jul-56	16.17
Old Brahmaputra	SW225	Jamalpur	11-Jul-56	16.03
Old Brahmaputra	SW225	Jamalpur	12-Jul-56	15.92
Old Brahmaputra	SW225	Jamalpur	13-Jul-56	15.85
Old Brahmaputra	SW225	Jamalpur	14-Jul-56	15.79
Old Brahmaputra	SW225	Jamalpur	15-Jul-56	15.76
Old Brahmaputra	SW225	Jamalpur	16-Jul-56	15.76
Old Brahmaputra	SW225	Jamalpur	17-Jul-56	15.77
Old Brahmaputra	SW225	Jamalpur	18-Jul-56	15.73
Old Brahmaputra	SW225	Jamalpur	19-Jul-56	15.66
Old Brahmaputra	SW225	Jamalpur	20-Jul-56	15.56
Old Brahmaputra	SW225	Jamalpur	21-Jul-56	15.43
Old Brahmaputra	SW225	Jamalpur	22-Jul-56	15.44
Old Brahmaputra	SW225	Jamalpur	23-Jul-56	15.45
Old Brahmaputra	SW225	Jamalpur	24-Jul-56	15.6
Old Brahmaputra	SW225	Jamalpur	25-Jul-56	15.79
Old Brahmaputra	SW225	Jamalpur	26-Jul-56	15.93
Old Brahmaputra	SW225	Jamalpur	27-Jul-56	16.16
Old Brahmaputra	SW225	Jamalpur	28-Jul-56	16.29
Old Brahmaputra	SW225	Jamalpur	29-Jul-56	16.35
Old Brahmaputra	SW225	Jamalpur	30-Jul-56	16.27
Old Brahmaputra	SW225	Jamalpur	31-Jul-56	16.15
Old Brahmaputra	SW225	Jamalpur	01-Aug-56	16.01
Old Brahmaputra	SW225	Jamalpur	02-Aug-56	15.94
Old Brahmaputra	SW225	Jamalpur	03-Aug-56	15.81
Old Brahmaputra	SW225	Jamalpur	04-Aug-56	15.68
Old Brahmaputra	SW225	Jamalpur	05-Aug-56	15.53
Old Brahmaputra	SW225	Jamalpur	06-Aug-56	15.36
Old Brahmaputra	SW225	Jamalpur	07-Aug-56	15.25
Old Brahmaputra	SW225	Jamalpur	08-Aug-56	15.1
Old Brahmaputra	SW225	Jamalpur	09-Aug-56	14.98
Old Brahmaputra	SW225	Jamalpur	10-Aug-56	14.87
Old Brahmaputra	SW225	Jamalpur	11-Aug-56	14.81

Old Brahmaputra	SW225	Jamalpur	12-Aug-56	14.76
Old Brahmaputra	SW225	Jamalpur	13-Aug-56	14.73
Old Brahmaputra	SW225	Jamalpur	14-Aug-56	14.78
Old Brahmaputra	SW225	Jamalpur	15-Aug-56	14.93
Old Brahmaputra	SW225	Jamalpur	16-Aug-56	15.03
Old Brahmaputra	SW225	Jamalpur	17-Aug-56	15.26
Old Brahmaputra	SW225	Jamalpur	18-Aug-56	15.76
Old Brahmaputra	SW225	Jamalpur	19-Aug-56	15.93
Old Brahmaputra	SW225	Jamalpur	20-Aug-56	15.97
Old Brahmaputra	SW225	Jamalpur	21-Aug-56	15.98
Old Brahmaputra	SW225	Jamalpur	22-Aug-56	15.93
Old Brahmaputra	SW225	Jamalpur	23-Aug-56	15.86
Old Brahmaputra	SW225	Jamalpur	24-Aug-56	15.81
Old Brahmaputra	SW225	Jamalpur	25-Aug-56	15.81
Old Brahmaputra	SW225	Jamalpur	26-Aug-56	15.91
Old Brahmaputra	SW225	Jamalpur	27-Aug-56	16.18
Old Brahmaputra	SW225	Jamalpur	28-Aug-56	16.49
Old Brahmaputra	SW225	Jamalpur	29-Aug-56	16.67
Old Brahmaputra	SW225	Jamalpur	30-Aug-56	16.75
Old Brahmaputra	SW225	Jamalpur	31-Aug-56	16.76
Old Brahmaputra	SW225	Jamalpur	01-Sep-56	16.81
Old Brahmaputra	SW225	Jamalpur	02-Sep-56	16.85
Old Brahmaputra	SW225	Jamalpur	03-Sep-56	16.85
Old Brahmaputra	SW225	Jamalpur	04-Sep-56	16.8
Old Brahmaputra	SW225	Jamalpur	05-Sep-56	16.67
Old Brahmaputra	SW225	Jamalpur	06-Sep-56	16.53
Old Brahmaputra	SW225	Jamalpur	07-Sep-56	16.35
Old Brahmaputra	SW225	Jamalpur	08-Sep-56	16.19
Old Brahmaputra	SW225	Jamalpur	09-Sep-56	16.08
Old Brahmaputra	SW225	Jamalpur	10-Sep-56	16.04
Old Brahmaputra	SW225	Jamalpur	11-Sep-56	16.05
Old Brahmaputra	SW225	Jamalpur	12-Sep-56	16.11
Old Brahmaputra	SW225	Jamalpur	13-Sep-56	16.18
Old Brahmaputra	SW225	Jamalpur	14-Sep-56	16.23
Old Brahmaputra	SW225	Jamalpur	15-Sep-56	16.31
Old Brahmaputra	SW225	Jamalpur	16-Sep-56	16.44
Old Brahmaputra	SW225	Jamalpur	17-Sep-56	16.59
Old Brahmaputra	SW225	Jamalpur	18-Sep-56	16.72
Old Brahmaputra	SW225	Jamalpur	19-Sep-56	16.77
Old Brahmaputra	SW225	Jamalpur	20-Sep-56	16.75
Old Brahmaputra	SW225	Jamalpur	21-Sep-56	16.68
Old Brahmaputra	SW225	Jamalpur	22-Sep-56	16.55
Old Brahmaputra	SW225	Jamalpur	23-Sep-56	16.37
Old Brahmaputra	SW225	Jamalpur	24-Sep-56	16.2
Old Brahmaputra	SW225	Jamalpur	25-Sep-56	15.95
Old Brahmaputra	SW225	Jamalpur	26-Sep-56	15.73
Old Brahmaputra	SW225	Jamalpur	27-Sep-56	15.74
Old Brahmaputra	SW225	Jamalpur	28-Sep-56	15.26
Old Brahmaputra	SW225	Jamalpur	29-Sep-56	15.06
Old Brahmaputra	SW225	Jamalpur	30-Sep-56	14.9

Old Brahmaputra	SW225	Jamalpur	01-Oct-56	14.75
Old Brahmaputra	SW225	Jamalpur	02-Oct-56	14.63
Old Brahmaputra	SW225	Jamalpur	03-Oct-56	14.55
Old Brahmaputra	SW225	Jamalpur	04-Oct-56	14.45
Old Brahmaputra	SW225	Jamalpur	05-Oct-56	14.4
Old Brahmaputra	SW225	Jamalpur	06-Oct-56	14.4
Old Brahmaputra	SW225	Jamalpur	07-Oct-56	14.34
Old Brahmaputra	SW225	Jamalpur	08-Oct-56	14.52
Old Brahmaputra	SW225	Jamalpur	09-Oct-56	14.48
Old Brahmaputra	SW225	Jamalpur	10-Oct-56	14.47
Old Brahmaputra	SW225	Jamalpur	11-Oct-56	14.54
Old Brahmaputra	SW225	Jamalpur	12-Oct-56	14.65
Old Brahmaputra	SW225	Jamalpur	13-Oct-56	14.77
Old Brahmaputra	SW225	Jamalpur	14-Oct-56	14.86
Old Brahmaputra	SW225	Jamalpur	15-Oct-56	14.93
Old Brahmaputra	SW225	Jamalpur	16-Oct-56	14.97
Old Brahmaputra	SW225	Jamalpur	17-Oct-56	14.96
Old Brahmaputra	SW225	Jamalpur	18-Oct-56	14.97
Old Brahmaputra	SW225	Jamalpur	19-Oct-56	14.85
Old Brahmaputra	SW225	Jamalpur	20-Oct-56	14.8
Old Brahmaputra	SW225	Jamalpur	21-Oct-56	14.89
Old Brahmaputra	SW225	Jamalpur	22-Oct-56	14.93
Old Brahmaputra	SW225	Jamalpur	23-Oct-56	14.86
Old Brahmaputra	SW225	Jamalpur	24-Oct-56	14.75
Old Brahmaputra	SW225	Jamalpur	25-Oct-56	14.63
Old Brahmaputra	SW225	Jamalpur	26-Oct-56	14.48
Old Brahmaputra	SW225	Jamalpur	27-Oct-56	14.31
Old Brahmaputra	SW225	Jamalpur	28-Oct-56	14.15
Old Brahmaputra	SW225	Jamalpur	29-Oct-56	14.03
Old Brahmaputra	SW225	Jamalpur	30-Oct-56	13.93
Old Brahmaputra	SW225	Jamalpur	31-Oct-56	13.87
Old Brahmaputra	SW225	Jamalpur	01-Nov-56	13.82
Old Brahmaputra	SW225	Jamalpur	02-Nov-56	13.76
Old Brahmaputra	SW225	Jamalpur	03-Nov-56	13.6
Old Brahmaputra	SW225	Jamalpur	04-Nov-56	13.64
Old Brahmaputra	SW225	Jamalpur	05-Nov-56	13.56
Old Brahmaputra	SW225	Jamalpur	06-Nov-56	13.48
Old Brahmaputra	SW225	Jamalpur	07-Nov-56	13.44
Old Brahmaputra	SW225	Jamalpur	08-Nov-56	13.41
Old Brahmaputra	SW225	Jamalpur	09-Nov-56	13.42
Old Brahmaputra	SW225	Jamalpur	10-Nov-56	13.45
Old Brahmaputra	SW225	Jamalpur	11-Nov-56	13.43
Old Brahmaputra	SW225	Jamalpur	12-Nov-56	13.36
Old Brahmaputra	SW225	Jamalpur	13-Nov-56	13.29
Old Brahmaputra	SW225	Jamalpur	14-Nov-56	13.23
Old Brahmaputra	SW225	Jamalpur	15-Nov-56	13.19
Old Brahmaputra	SW225	Jamalpur	16-Nov-56	13.12
Old Brahmaputra	SW225	Jamalpur	17-Nov-56	13.06
Old Brahmaputra	SW225	Jamalpur	18-Nov-56	12.98
Old Brahmaputra	SW225	Jamalpur	19-Nov-56	12.93

Old Brahmaputra	SW225	Jamalpur	20-Nov-56	12.87
Old Brahmaputra	SW225	Jamalpur	21-Nov-56	12.81
Old Brahmaputra	SW225	Jamalpur	22-Nov-56	12.77
Old Brahmaputra	SW225	Jamalpur	23-Nov-56	12.73
Old Brahmaputra	SW225	Jamalpur	24-Nov-56	12.68
Old Brahmaputra	SW225	Jamalpur	25-Nov-56	12.66
Old Brahmaputra	SW225	Jamalpur	26-Nov-56	12.63
Old Brahmaputra	SW225	Jamalpur	27-Nov-56	12.6
Old Brahmaputra	SW225	Jamalpur	28-Nov-56	12.56
Old Brahmaputra	SW225	Jamalpur	29-Nov-56	12.53
Old Brahmaputra	SW225	Jamalpur	30-Nov-56	12.51
Old Brahmaputra	SW225	Jamalpur	01-Dec-56	12.48
Old Brahmaputra	SW225	Jamalpur	02-Dec-56	12.46
Old Brahmaputra	SW225	Jamalpur	03-Dec-56	12.43
Old Brahmaputra	SW225	Jamalpur	04-Dec-56	12.4
Old Brahmaputra	SW225	Jamalpur	05-Dec-56	12.37
Old Brahmaputra	SW225	Jamalpur	06-Dec-56	12.35
Old Brahmaputra	SW225	Jamalpur	07-Dec-56	12.33
Old Brahmaputra	SW225	Jamalpur	08-Dec-56	12.31
Old Brahmaputra	SW225	Jamalpur	09-Dec-56	12.27
Old Brahmaputra	SW225	Jamalpur	10-Dec-56	12.26
Old Brahmaputra	SW225	Jamalpur	11-Dec-56	12.23
Old Brahmaputra	SW225	Jamalpur	12-Dec-56	12.2
Old Brahmaputra	SW225	Jamalpur	13-Dec-56	12.19
Old Brahmaputra	SW225	Jamalpur	14-Dec-56	12.18
Old Brahmaputra	SW225	Jamalpur	15-Dec-56	12.16
Old Brahmaputra	SW225	Jamalpur	16-Dec-56	12.15
Old Brahmaputra	SW225	Jamalpur	17-Dec-56	12.13
Old Brahmaputra	SW225	Jamalpur	18-Dec-56	12.13
Old Brahmaputra	SW225	Jamalpur	19-Dec-56	12.11
Old Brahmaputra	SW225	Jamalpur	20-Dec-56	12.1
Old Brahmaputra	SW225	Jamalpur	21-Dec-56	12.08
Old Brahmaputra	SW225	Jamalpur	22-Dec-56	12.06
Old Brahmaputra	SW225	Jamalpur	23-Dec-56	12.04
Old Brahmaputra	SW225	Jamalpur	24-Dec-56	12.04
Old Brahmaputra	SW225	Jamalpur	25-Dec-56	12.02
Old Brahmaputra	SW225	Jamalpur	26-Dec-56	12.01
Old Brahmaputra	SW225	Jamalpur	27-Dec-56	12.01
Old Brahmaputra	SW225	Jamalpur	28-Dec-56	11.99
Old Brahmaputra	SW225	Jamalpur	29-Dec-56	11.98
Old Brahmaputra	SW225	Jamalpur	30-Dec-56	11.98
Old Brahmaputra	SW225	Jamalpur	31-Dec-56	11.98
Old Brahmaputra	SW225	Jamalpur	01-Jan-57	11.97
Old Brahmaputra	SW225	Jamalpur	02-Jan-57	11.97
Old Brahmaputra	SW225	Jamalpur	03-Jan-57	11.95
Old Brahmaputra	SW225	Jamalpur	04-Jan-57	11.95
Old Brahmaputra	SW225	Jamalpur	05-Jan-57	11.94
Old Brahmaputra	SW225	Jamalpur	06-Jan-57	11.92
Old Brahmaputra	SW225	Jamalpur	07-Jan-57	11.94
Old Brahmaputra	SW225	Jamalpur	08-Jan-57	11.98

Old Brahmaputra	SW225	Jamalpur	09-Jan-57	12.02
Old Brahmaputra	SW225	Jamalpur	10-Jan-57	12.09
Old Brahmaputra	SW225	Jamalpur	11-Jan-57	12.13
Old Brahmaputra	SW225	Jamalpur	12-Jan-57	12.13
Old Brahmaputra	SW225	Jamalpur	13-Jan-57	12.13
Old Brahmaputra	SW225	Jamalpur	14-Jan-57	12.13
Old Brahmaputra	SW225	Jamalpur	15-Jan-57	12.11
Old Brahmaputra	SW225	Jamalpur	16-Jan-57	12.06
Old Brahmaputra	SW225	Jamalpur	17-Jan-57	12.02
Old Brahmaputra	SW225	Jamalpur	18-Jan-57	11.98
Old Brahmaputra	SW225	Jamalpur	19-Jan-57	11.95
Old Brahmaputra	SW225	Jamalpur	20-Jan-57	11.93
Old Brahmaputra	SW225	Jamalpur	21-Jan-57	11.92
Old Brahmaputra	SW225	Jamalpur	22-Jan-57	11.92
Old Brahmaputra	SW225	Jamalpur	23-Jan-57	11.9
Old Brahmaputra	SW225	Jamalpur	24-Jan-57	11.89
Old Brahmaputra	SW225	Jamalpur	25-Jan-57	11.89
Old Brahmaputra	SW225	Jamalpur	26-Jan-57	11.87
Old Brahmaputra	SW225	Jamalpur	27-Jan-57	11.87
Old Brahmaputra	SW225	Jamalpur	28-Jan-57	11.85
Old Brahmaputra	SW225	Jamalpur	29-Jan-57	11.85
Old Brahmaputra	SW225	Jamalpur	30-Jan-57	11.84
Old Brahmaputra	SW225	Jamalpur	31-Jan-57	11.84
Old Brahmaputra	SW225	Jamalpur	01-Feb-57	11.82
Old Brahmaputra	SW225	Jamalpur	02-Feb-57	11.81
Old Brahmaputra	SW225	Jamalpur	03-Feb-57	11.81
Old Brahmaputra	SW225	Jamalpur	04-Feb-57	11.8
Old Brahmaputra	SW225	Jamalpur	05-Feb-57	11.8
Old Brahmaputra	SW225	Jamalpur	06-Feb-57	11.79
Old Brahmaputra	SW225	Jamalpur	07-Feb-57	11.78
Old Brahmaputra	SW225	Jamalpur	08-Feb-57	11.77
Old Brahmaputra	SW225	Jamalpur	09-Feb-57	11.77
Old Brahmaputra	SW225	Jamalpur	10-Feb-57	11.76
Old Brahmaputra	SW225	Jamalpur	11-Feb-57	11.75
Old Brahmaputra	SW225	Jamalpur	12-Feb-57	11.74
Old Brahmaputra	SW225	Jamalpur	13-Feb-57	11.73
Old Brahmaputra	SW225	Jamalpur	14-Feb-57	11.73
Old Brahmaputra	SW225	Jamalpur	15-Feb-57	11.72
Old Brahmaputra	SW225	Jamalpur	16-Feb-57	11.72
Old Brahmaputra	SW225	Jamalpur	17-Feb-57	11.7
Old Brahmaputra	SW225	Jamalpur	18-Feb-57	11.7
Old Brahmaputra	SW225	Jamalpur	19-Feb-57	11.7
Old Brahmaputra	SW225	Jamalpur	20-Feb-57	11.7
Old Brahmaputra	SW225	Jamalpur	21-Feb-57	11.69
Old Brahmaputra	SW225	Jamalpur	22-Feb-57	11.69
Old Brahmaputra	SW225	Jamalpur	23-Feb-57	11.69
Old Brahmaputra	SW225	Jamalpur	24-Feb-57	11.69
Old Brahmaputra	SW225	Jamalpur	25-Feb-57	11.68
Old Brahmaputra	SW225	Jamalpur	26-Feb-57	11.68
Old Brahmaputra	SW225	Jamalpur	27-Feb-57	11.66

Old Brahmaputra	SW225	Jamalpur	28-Feb-57	11.66
Old Brahmaputra	SW225	Jamalpur	01-Mar-57	11.66
Old Brahmaputra	SW225	Jamalpur	02-Mar-57	11.66
Old Brahmaputra	SW225	Jamalpur	03-Mar-57	11.65
Old Brahmaputra	SW225	Jamalpur	04-Mar-57	11.65
Old Brahmaputra	SW225	Jamalpur	05-Mar-57	11.64
Old Brahmaputra	SW225	Jamalpur	06-Mar-57	11.63
Old Brahmaputra	SW225	Jamalpur	07-Mar-57	11.63
Old Brahmaputra	SW225	Jamalpur	08-Mar-57	11.63
Old Brahmaputra	SW225	Jamalpur	09-Mar-57	11.63
Old Brahmaputra	SW225	Jamalpur	10-Mar-57	11.61
Old Brahmaputra	SW225	Jamalpur	11-Mar-57	11.61
Old Brahmaputra	SW225	Jamalpur	12-Mar-57	11.61
Old Brahmaputra	SW225	Jamalpur	13-Mar-57	11.61
Old Brahmaputra	SW225	Jamalpur	14-Mar-57	11.6
Old Brahmaputra	SW225	Jamalpur	15-Mar-57	11.6
Old Brahmaputra	SW225	Jamalpur	16-Mar-57	11.6
Old Brahmaputra	SW225	Jamalpur	17-Mar-57	11.6
Old Brahmaputra	SW225	Jamalpur	18-Mar-57	11.6
Old Brahmaputra	SW225	Jamalpur	19-Mar-57	11.6
Old Brahmaputra	SW225	Jamalpur	20-Mar-57	11.58
Old Brahmaputra	SW225	Jamalpur	21-Mar-57	11.58
Old Brahmaputra	SW225	Jamalpur	22-Mar-57	11.58
Old Brahmaputra	SW225	Jamalpur	23-Mar-57	11.58
Old Brahmaputra	SW225	Jamalpur	24-Mar-57	11.58
Old Brahmaputra	SW225	Jamalpur	25-Mar-57	11.58
Old Brahmaputra	SW225	Jamalpur	26-Mar-57	11.56
Old Brahmaputra	SW225	Jamalpur	27-Mar-57	11.56
Old Brahmaputra	SW225	Jamalpur	28-Mar-57	11.56
Old Brahmaputra	SW225	Jamalpur	29-Mar-57	11.56
Old Brahmaputra	SW225	Jamalpur	30-Mar-57	11.56
Old Brahmaputra	SW225	Jamalpur	31-Mar-57	11.56
Old Brahmaputra	SW225	Jamalpur	01-Apr-57	11.56
Old Brahmaputra	SW225	Jamalpur	02-Apr-57	11.55
Old Brahmaputra	SW225	Jamalpur	03-Apr-57	11.55
Old Brahmaputra	SW225	Jamalpur	04-Apr-57	11.55
Old Brahmaputra	SW225	Jamalpur	05-Apr-57	11.55
Old Brahmaputra	SW225	Jamalpur	06-Apr-57	11.55
Old Brahmaputra	SW225	Jamalpur	07-Apr-57	11.55
Old Brahmaputra	SW225	Jamalpur	08-Apr-57	11.53
Old Brahmaputra	SW225	Jamalpur	09-Apr-57	11.53
Old Brahmaputra	SW225	Jamalpur	10-Apr-57	11.53
Old Brahmaputra	SW225	Jamalpur	11-Apr-57	11.53
Old Brahmaputra	SW225	Jamalpur	12-Apr-57	11.53
Old Brahmaputra	SW225	Jamalpur	13-Apr-57	11.52
Old Brahmaputra	SW225	Jamalpur	14-Apr-57	11.52
Old Brahmaputra	SW225	Jamalpur	15-Apr-57	11.52
Old Brahmaputra	SW225	Jamalpur	16-Apr-57	11.52
Old Brahmaputra	SW225	Jamalpur	17-Apr-57	11.52
Old Brahmaputra	SW225	Jamalpur	18-Apr-57	11.52

Old Brahmaputra	SW225	Jamalpur	19-Apr-57	11.52
Old Brahmaputra	SW225	Jamalpur	20-Apr-57	11.52
Old Brahmaputra	SW225	Jamalpur	21-Apr-57	11.5
Old Brahmaputra	SW225	Jamalpur	22-Apr-57	11.49
Old Brahmaputra	SW225	Jamalpur	23-Apr-57	11.49
Old Brahmaputra	SW225	Jamalpur	24-Apr-57	11.5
Old Brahmaputra	SW225	Jamalpur	25-Apr-57	11.56
Old Brahmaputra	SW225	Jamalpur	26-Apr-57	11.66
Old Brahmaputra	SW225	Jamalpur	27-Apr-57	11.8
Old Brahmaputra	SW225	Jamalpur	28-Apr-57	12.24
Old Brahmaputra	SW225	Jamalpur	29-Apr-57	12.65
Old Brahmaputra	SW225	Jamalpur	30-Apr-57	12.8
Old Brahmaputra	SW225	Jamalpur	01-May-57	12.88
Old Brahmaputra	SW225	Jamalpur	02-May-57	12.8
Old Brahmaputra	SW225	Jamalpur	03-May-57	12.71
Old Brahmaputra	SW225	Jamalpur	04-May-57	12.86
Old Brahmaputra	SW225	Jamalpur	05-May-57	13.02
Old Brahmaputra	SW225	Jamalpur	06-May-57	13.07
Old Brahmaputra	SW225	Jamalpur	07-May-57	13.06
Old Brahmaputra	SW225	Jamalpur	08-May-57	12.91
Old Brahmaputra	SW225	Jamalpur	09-May-57	12.8
Old Brahmaputra	SW225	Jamalpur	10-May-57	12.77
Old Brahmaputra	SW225	Jamalpur	11-May-57	12.83
Old Brahmaputra	SW225	Jamalpur	12-May-57	13.24
Old Brahmaputra	SW225	Jamalpur	13-May-57	13.61
Old Brahmaputra	SW225	Jamalpur	14-May-57	14.2
Old Brahmaputra	SW225	Jamalpur	15-May-57	14.15
Old Brahmaputra	SW225	Jamalpur	16-May-57	13.99
Old Brahmaputra	SW225	Jamalpur	17-May-57	13.85
Old Brahmaputra	SW225	Jamalpur	18-May-57	13.82
Old Brahmaputra	SW225	Jamalpur	19-May-57	13.9
Old Brahmaputra	SW225	Jamalpur	20-May-57	14.06
Old Brahmaputra	SW225	Jamalpur	21-May-57	14.22
Old Brahmaputra	SW225	Jamalpur	22-May-57	14.26
Old Brahmaputra	SW225	Jamalpur	23-May-57	14.2
Old Brahmaputra	SW225	Jamalpur	24-May-57	14.18
Old Brahmaputra	SW225	Jamalpur	25-May-57	14.16
Old Brahmaputra	SW225	Jamalpur	26-May-57	14.37
Old Brahmaputra	SW225	Jamalpur	27-May-57	14.54
Old Brahmaputra	SW225	Jamalpur	28-May-57	14.54
Old Brahmaputra	SW225	Jamalpur	29-May-57	14.39
Old Brahmaputra	SW225	Jamalpur	30-May-57	14.32
Old Brahmaputra	SW225	Jamalpur	31-May-57	14.3
Old Brahmaputra	SW225	Jamalpur	01-Jun-57	14.35
Old Brahmaputra	SW225	Jamalpur	02-Jun-57	14.56
Old Brahmaputra	SW225	Jamalpur	03-Jun-57	14.65
Old Brahmaputra	SW225	Jamalpur	04-Jun-57	14.6
Old Brahmaputra	SW225	Jamalpur	05-Jun-57	14.51
Old Brahmaputra	SW225	Jamalpur	06-Jun-57	14.35
Old Brahmaputra	SW225	Jamalpur	07-Jun-57	14.4

Old Brahmaputra	SW225	Jamalpur	08-Jun-57	14.19
Old Brahmaputra	SW225	Jamalpur	09-Jun-57	14.13
Old Brahmaputra	SW225	Jamalpur	10-Jun-57	14.1
Old Brahmaputra	SW225	Jamalpur	11-Jun-57	14.08
Old Brahmaputra	SW225	Jamalpur	12-Jun-57	14.1
Old Brahmaputra	SW225	Jamalpur	13-Jun-57	14.16
Old Brahmaputra	SW225	Jamalpur	14-Jun-57	14.15
Old Brahmaputra	SW225	Jamalpur	15-Jun-57	14.11
Old Brahmaputra	SW225	Jamalpur	16-Jun-57	14.03
Old Brahmaputra	SW225	Jamalpur	17-Jun-57	13.99
Old Brahmaputra	SW225	Jamalpur	18-Jun-57	14.05
Old Brahmaputra	SW225	Jamalpur	19-Jun-57	14.32
Old Brahmaputra	SW225	Jamalpur	20-Jun-57	14.49
Old Brahmaputra	SW225	Jamalpur	21-Jun-57	14.7
Old Brahmaputra	SW225	Jamalpur	22-Jun-57	14.85
Old Brahmaputra	SW225	Jamalpur	23-Jun-57	15.01
Old Brahmaputra	SW225	Jamalpur	24-Jun-57	15.28
Old Brahmaputra	SW225	Jamalpur	25-Jun-57	15.52
Old Brahmaputra	SW225	Jamalpur	26-Jun-57	15.64
Old Brahmaputra	SW225	Jamalpur	27-Jun-57	15.91
Old Brahmaputra	SW225	Jamalpur	28-Jun-57	16.07
Old Brahmaputra	SW225	Jamalpur	29-Jun-57	16.15
Old Brahmaputra	SW225	Jamalpur	30-Jun-57	16.29
Old Brahmaputra	SW225	Jamalpur	01-Jul-57	16.4
Old Brahmaputra	SW225	Jamalpur	02-Jul-57	16.48
Old Brahmaputra	SW225	Jamalpur	03-Jul-57	16.47
Old Brahmaputra	SW225	Jamalpur	04-Jul-57	16.42
Old Brahmaputra	SW225	Jamalpur	05-Jul-57	16.33
Old Brahmaputra	SW225	Jamalpur	06-Jul-57	16.22
Old Brahmaputra	SW225	Jamalpur	07-Jul-57	16.14
Old Brahmaputra	SW225	Jamalpur	08-Jul-57	16
Old Brahmaputra	SW225	Jamalpur	09-Jul-57	15.9
Old Brahmaputra	SW225	Jamalpur	10-Jul-57	15.9
Old Brahmaputra	SW225	Jamalpur	11-Jul-57	15.98
Old Brahmaputra	SW225	Jamalpur	12-Jul-57	16.09
Old Brahmaputra	SW225	Jamalpur	13-Jul-57	16.25
Old Brahmaputra	SW225	Jamalpur	14-Jul-57	16.37
Old Brahmaputra	SW225	Jamalpur	15-Jul-57	16.49
Old Brahmaputra	SW225	Jamalpur	16-Jul-57	16.59
Old Brahmaputra	SW225	Jamalpur	17-Jul-57	16.64
Old Brahmaputra	SW225	Jamalpur	18-Jul-57	16.62
Old Brahmaputra	SW225	Jamalpur	19-Jul-57	16.59
Old Brahmaputra	SW225	Jamalpur	20-Jul-57	16.55
Old Brahmaputra	SW225	Jamalpur	21-Jul-57	16.52
Old Brahmaputra	SW225	Jamalpur	22-Jul-57	16.53
Old Brahmaputra	SW225	Jamalpur	23-Jul-57	16.57
Old Brahmaputra	SW225	Jamalpur	24-Jul-57	16.63
Old Brahmaputra	SW225	Jamalpur	25-Jul-57	16.69
Old Brahmaputra	SW225	Jamalpur	26-Jul-57	16.7
Old Brahmaputra	SW225	Jamalpur	27-Jul-57	16.68

Old Brahmaputra	SW225	Jamalpur	28-Jul-57	16.67
Old Brahmaputra	SW225	Jamalpur	29-Jul-57	16.62
Old Brahmaputra	SW225	Jamalpur	30-Jul-57	16.68
Old Brahmaputra	SW225	Jamalpur	31-Jul-57	16.8
Old Brahmaputra	SW225	Jamalpur	01-Aug-57	16.89
Old Brahmaputra	SW225	Jamalpur	02-Aug-57	17
Old Brahmaputra	SW225	Jamalpur	03-Aug-57	17.05
Old Brahmaputra	SW225	Jamalpur	04-Aug-57	17.07
Old Brahmaputra	SW225	Jamalpur	05-Aug-57	17.11
Old Brahmaputra	SW225	Jamalpur	06-Aug-57	17.11
Old Brahmaputra	SW225	Jamalpur	07-Aug-57	17.16
Old Brahmaputra	SW225	Jamalpur	08-Aug-57	17.24
Old Brahmaputra	SW225	Jamalpur	09-Aug-57	17.28
Old Brahmaputra	SW225	Jamalpur	10-Aug-57	17.28
Old Brahmaputra	SW225	Jamalpur	11-Aug-57	17.34
Old Brahmaputra	SW225	Jamalpur	12-Aug-57	17.41
Old Brahmaputra	SW225	Jamalpur	13-Aug-57	17.41
Old Brahmaputra	SW225	Jamalpur	14-Aug-57	17.41
Old Brahmaputra	SW225	Jamalpur	15-Aug-57	17.38
Old Brahmaputra	SW225	Jamalpur	16-Aug-57	17.27
Old Brahmaputra	SW225	Jamalpur	17-Aug-57	17.28
Old Brahmaputra	SW225	Jamalpur	18-Aug-57	17.28
Old Brahmaputra	SW225	Jamalpur	19-Aug-57	16.85
Old Brahmaputra	SW225	Jamalpur	20-Aug-57	16.72
Old Brahmaputra	SW225	Jamalpur	21-Aug-57	16.57
Old Brahmaputra	SW225	Jamalpur	22-Aug-57	16.39
Old Brahmaputra	SW225	Jamalpur	23-Aug-57	16.2
Old Brahmaputra	SW225	Jamalpur	24-Aug-57	16
Old Brahmaputra	SW225	Jamalpur	25-Aug-57	15.86
Old Brahmaputra	SW225	Jamalpur	26-Aug-57	15.74
Old Brahmaputra	SW225	Jamalpur	27-Aug-57	15.65
Old Brahmaputra	SW225	Jamalpur	28-Aug-57	15.53
Old Brahmaputra	SW225	Jamalpur	29-Aug-57	15.45
Old Brahmaputra	SW225	Jamalpur	30-Aug-57	15.47
Old Brahmaputra	SW225	Jamalpur	31-Aug-57	15.48
Old Brahmaputra	SW225	Jamalpur	01-Sep-57	15.48
Old Brahmaputra	SW225	Jamalpur	02-Sep-57	15.44
Old Brahmaputra	SW225	Jamalpur	03-Sep-57	15.38
Old Brahmaputra	SW225	Jamalpur	04-Sep-57	15.31
Old Brahmaputra	SW225	Jamalpur	05-Sep-57	15.25
Old Brahmaputra	SW225	Jamalpur	06-Sep-57	15.14
Old Brahmaputra	SW225	Jamalpur	07-Sep-57	15.06
Old Brahmaputra	SW225	Jamalpur	08-Sep-57	14.99
Old Brahmaputra	SW225	Jamalpur	09-Sep-57	14.96
Old Brahmaputra	SW225	Jamalpur	10-Sep-57	14.93
Old Brahmaputra	SW225	Jamalpur	11-Sep-57	14.9
Old Brahmaputra	SW225	Jamalpur	12-Sep-57	14.86
Old Brahmaputra	SW225	Jamalpur	13-Sep-57	14.78
Old Brahmaputra	SW225	Jamalpur	14-Sep-57	14.75
Old Brahmaputra	SW225	Jamalpur	15-Sep-57	14.73

Old Brahmaputra	SW225	Jamalpur	16-Sep-57	14.7
Old Brahmaputra	SW225	Jamalpur	17-Sep-57	14.69
Old Brahmaputra	SW225	Jamalpur	18-Sep-57	14.69
Old Brahmaputra	SW225	Jamalpur	19-Sep-57	14.69
Old Brahmaputra	SW225	Jamalpur	20-Sep-57	14.83
Old Brahmaputra	SW225	Jamalpur	21-Sep-57	15.04
Old Brahmaputra	SW225	Jamalpur	22-Sep-57	15.18
Old Brahmaputra	SW225	Jamalpur	23-Sep-57	15.22
Old Brahmaputra	SW225	Jamalpur	24-Sep-57	15.15
Old Brahmaputra	SW225	Jamalpur	25-Sep-57	15.04
Old Brahmaputra	SW225	Jamalpur	26-Sep-57	14.89
Old Brahmaputra	SW225	Jamalpur	27-Sep-57	14.73
Old Brahmaputra	SW225	Jamalpur	28-Sep-57	14.68
Old Brahmaputra	SW225	Jamalpur	29-Sep-57	14.6
Old Brahmaputra	SW225	Jamalpur	30-Sep-57	14.63
Old Brahmaputra	SW225	Jamalpur	01-Oct-57	14.77
Old Brahmaputra	SW225	Jamalpur	02-Oct-57	14.98
Old Brahmaputra	SW225	Jamalpur	03-Oct-57	15.28
Old Brahmaputra	SW225	Jamalpur	04-Oct-57	15.31
Old Brahmaputra	SW225	Jamalpur	05-Oct-57	15.34
Old Brahmaputra	SW225	Jamalpur	06-Oct-57	15.22
Old Brahmaputra	SW225	Jamalpur	07-Oct-57	15.03
Old Brahmaputra	SW225	Jamalpur	08-Oct-57	14.81
Old Brahmaputra	SW225	Jamalpur	09-Oct-57	14.67
Old Brahmaputra	SW225	Jamalpur	10-Oct-57	14.54
Old Brahmaputra	SW225	Jamalpur	11-Oct-57	14.41
Old Brahmaputra	SW225	Jamalpur	12-Oct-57	14.38
Old Brahmaputra	SW225	Jamalpur	13-Oct-57	14.35
Old Brahmaputra	SW225	Jamalpur	14-Oct-57	14.38
Old Brahmaputra	SW225	Jamalpur	15-Oct-57	14.34
Old Brahmaputra	SW225	Jamalpur	16-Oct-57	14.16
Old Brahmaputra	SW225	Jamalpur	17-Oct-57	14
Old Brahmaputra	SW225	Jamalpur	18-Oct-57	13.86
Old Brahmaputra	SW225	Jamalpur	19-Oct-57	13.81
Old Brahmaputra	SW225	Jamalpur	20-Oct-57	13.69
Old Brahmaputra	SW225	Jamalpur	21-Oct-57	13.57
Old Brahmaputra	SW225	Jamalpur	22-Oct-57	13.48
Old Brahmaputra	SW225	Jamalpur	23-Oct-57	13.44
Old Brahmaputra	SW225	Jamalpur	24-Oct-57	13.39
Old Brahmaputra	SW225	Jamalpur	25-Oct-57	13.35
Old Brahmaputra	SW225	Jamalpur	26-Oct-57	13.31
Old Brahmaputra	SW225	Jamalpur	27-Oct-57	13.22
Old Brahmaputra	SW225	Jamalpur	28-Oct-57	13.06
Old Brahmaputra	SW225	Jamalpur	29-Oct-57	12.95
Old Brahmaputra	SW225	Jamalpur	30-Oct-57	12.93
Old Brahmaputra	SW225	Jamalpur	31-Oct-57	12.93
Old Brahmaputra	SW225	Jamalpur	01-Nov-57	12.9
Old Brahmaputra	SW225	Jamalpur	02-Nov-57	12.85
Old Brahmaputra	SW225	Jamalpur	03-Nov-57	12.81
Old Brahmaputra	SW225	Jamalpur	04-Nov-57	12.78

Old Brahmaputra	SW225	Jamalpur	05-Nov-57	12.73
Old Brahmaputra	SW225	Jamalpur	06-Nov-57	12.68
Old Brahmaputra	SW225	Jamalpur	07-Nov-57	12.64
Old Brahmaputra	SW225	Jamalpur	08-Nov-57	12.58
Old Brahmaputra	SW225	Jamalpur	09-Nov-57	12.56
Old Brahmaputra	SW225	Jamalpur	10-Nov-57	12.53
Old Brahmaputra	SW225	Jamalpur	11-Nov-57	12.49
Old Brahmaputra	SW225	Jamalpur	12-Nov-57	12.48
Old Brahmaputra	SW225	Jamalpur	13-Nov-57	12.44
Old Brahmaputra	SW225	Jamalpur	14-Nov-57	12.45
Old Brahmaputra	SW225	Jamalpur	15-Nov-57	12.45
Old Brahmaputra	SW225	Jamalpur	16-Nov-57	12.44
Old Brahmaputra	SW225	Jamalpur	17-Nov-57	12.44
Old Brahmaputra	SW225	Jamalpur	18-Nov-57	12.42
Old Brahmaputra	SW225	Jamalpur	19-Nov-57	12.4
Old Brahmaputra	SW225	Jamalpur	20-Nov-57	12.4
Old Brahmaputra	SW225	Jamalpur	21-Nov-57	12.39
Old Brahmaputra	SW225	Jamalpur	22-Nov-57	12.37
Old Brahmaputra	SW225	Jamalpur	23-Nov-57	12.34
Old Brahmaputra	SW225	Jamalpur	24-Nov-57	12.31
Old Brahmaputra	SW225	Jamalpur	25-Nov-57	12.31
Old Brahmaputra	SW225	Jamalpur	26-Nov-57	12.31
Old Brahmaputra	SW225	Jamalpur	27-Nov-57	12.27
Old Brahmaputra	SW225	Jamalpur	28-Nov-57	12.24
Old Brahmaputra	SW225	Jamalpur	29-Nov-57	12.22
Old Brahmaputra	SW225	Jamalpur	30-Nov-57	12.2
Old Brahmaputra	SW225	Jamalpur	01-Dec-57	12.31
Old Brahmaputra	SW225	Jamalpur	02-Dec-57	12.31
Old Brahmaputra	SW225	Jamalpur	03-Dec-57	12.31
Old Brahmaputra	SW225	Jamalpur	04-Dec-57	12.24
Old Brahmaputra	SW225	Jamalpur	05-Dec-57	12.18
Old Brahmaputra	SW225	Jamalpur	06-Dec-57	12.18
Old Brahmaputra	SW225	Jamalpur	07-Dec-57	12.16
Old Brahmaputra	SW225	Jamalpur	08-Dec-57	12.15
Old Brahmaputra	SW225	Jamalpur	09-Dec-57	12.14
Old Brahmaputra	SW225	Jamalpur	10-Dec-57	12.13
Old Brahmaputra	SW225	Jamalpur	11-Dec-57	12.11
Old Brahmaputra	SW225	Jamalpur	12-Dec-57	12.11
Old Brahmaputra	SW225	Jamalpur	13-Dec-57	12.1
Old Brahmaputra	SW225	Jamalpur	14-Dec-57	12.1
Old Brahmaputra	SW225	Jamalpur	15-Dec-57	12.1
Old Brahmaputra	SW225	Jamalpur	16-Dec-57	12.09
Old Brahmaputra	SW225	Jamalpur	17-Dec-57	12.09
Old Brahmaputra	SW225	Jamalpur	18-Dec-57	12.07
Old Brahmaputra	SW225	Jamalpur	19-Dec-57	12.07
Old Brahmaputra	SW225	Jamalpur	20-Dec-57	12.07
Old Brahmaputra	SW225	Jamalpur	21-Dec-57	12.06
Old Brahmaputra	SW225	Jamalpur	22-Dec-57	12.06
Old Brahmaputra	SW225	Jamalpur	23-Dec-57	12.06
Old Brahmaputra	SW225	Jamalpur	24-Dec-57	12.04

Old Brahmaputra	SW225	Jamalpur	25-Dec-57	12.04
Old Brahmaputra	SW225	Jamalpur	26-Dec-57	12.04
Old Brahmaputra	SW225	Jamalpur	27-Dec-57	12.03
Old Brahmaputra	SW225	Jamalpur	28-Dec-57	12.02
Old Brahmaputra	SW225	Jamalpur	29-Dec-57	12.01
Old Brahmaputra	SW225	Jamalpur	30-Dec-57	12.01
Old Brahmaputra	SW225	Jamalpur	31-Dec-57	11.99
Old Brahmaputra	SW225	Jamalpur	01-Jan-58	11.99
Old Brahmaputra	SW225	Jamalpur	02-Jan-58	11.98
Old Brahmaputra	SW225	Jamalpur	03-Jan-58	11.98
Old Brahmaputra	SW225	Jamalpur	04-Jan-58	11.97
Old Brahmaputra	SW225	Jamalpur	05-Jan-58	11.94
Old Brahmaputra	SW225	Jamalpur	06-Jan-58	11.92
Old Brahmaputra	SW225	Jamalpur	07-Jan-58	11.94
Old Brahmaputra	SW225	Jamalpur	08-Jan-58	11.94
Old Brahmaputra	SW225	Jamalpur	09-Jan-58	11.92
Old Brahmaputra	SW225	Jamalpur	10-Jan-58	11.92
Old Brahmaputra	SW225	Jamalpur	11-Jan-58	11.9
Old Brahmaputra	SW225	Jamalpur	12-Jan-58	11.9
Old Brahmaputra	SW225	Jamalpur	13-Jan-58	11.9
Old Brahmaputra	SW225	Jamalpur	14-Jan-58	11.9
Old Brahmaputra	SW225	Jamalpur	15-Jan-58	11.9
Old Brahmaputra	SW225	Jamalpur	16-Jan-58	11.9
Old Brahmaputra	SW225	Jamalpur	17-Jan-58	11.89
Old Brahmaputra	SW225	Jamalpur	18-Jan-58	11.89
Old Brahmaputra	SW225	Jamalpur	19-Jan-58	11.94
Old Brahmaputra	SW225	Jamalpur	20-Jan-58	11.87
Old Brahmaputra	SW225	Jamalpur	21-Jan-58	11.87
Old Brahmaputra	SW225	Jamalpur	22-Jan-58	11.87
Old Brahmaputra	SW225	Jamalpur	23-Jan-58	11.85
Old Brahmaputra	SW225	Jamalpur	24-Jan-58	11.85
Old Brahmaputra	SW225	Jamalpur	25-Jan-58	11.84
Old Brahmaputra	SW225	Jamalpur	26-Jan-58	11.84
Old Brahmaputra	SW225	Jamalpur	27-Jan-58	11.82
Old Brahmaputra	SW225	Jamalpur	28-Jan-58	11.82
Old Brahmaputra	SW225	Jamalpur	29-Jan-58	11.81
Old Brahmaputra	SW225	Jamalpur	30-Jan-58	11.81
Old Brahmaputra	SW225	Jamalpur	31-Jan-58	11.81
Old Brahmaputra	SW225	Jamalpur	01-Feb-58	11.81
Old Brahmaputra	SW225	Jamalpur	02-Feb-58	11.8
Old Brahmaputra	SW225	Jamalpur	03-Feb-58	11.8
Old Brahmaputra	SW225	Jamalpur	04-Feb-58	11.8
Old Brahmaputra	SW225	Jamalpur	05-Feb-58	11.8
Old Brahmaputra	SW225	Jamalpur	06-Feb-58	11.8
Old Brahmaputra	SW225	Jamalpur	07-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	08-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	09-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	10-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	11-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	12-Feb-58	11.78

Old Brahmaputra	SW225	Jamalpur	13-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	14-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	15-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	16-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	17-Feb-58	11.77
Old Brahmaputra	SW225	Jamalpur	18-Feb-58	11.77
Old Brahmaputra	SW225	Jamalpur	19-Feb-58	11.77
Old Brahmaputra	SW225	Jamalpur	20-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	21-Feb-58	11.81
Old Brahmaputra	SW225	Jamalpur	22-Feb-58	11.81
Old Brahmaputra	SW225	Jamalpur	23-Feb-58	11.8
Old Brahmaputra	SW225	Jamalpur	24-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	25-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	26-Feb-58	11.78
Old Brahmaputra	SW225	Jamalpur	27-Feb-58	11.77
Old Brahmaputra	SW225	Jamalpur	28-Feb-58	11.77
Old Brahmaputra	SW225	Jamalpur	01-Mar-58	11.77
Old Brahmaputra	SW225	Jamalpur	02-Mar-58	11.77
Old Brahmaputra	SW225	Jamalpur	03-Mar-58	11.75
Old Brahmaputra	SW225	Jamalpur	04-Mar-58	11.75
Old Brahmaputra	SW225	Jamalpur	05-Mar-58	11.75
Old Brahmaputra	SW225	Jamalpur	06-Mar-58	11.74
Old Brahmaputra	SW225	Jamalpur	07-Mar-58	11.73
Old Brahmaputra	SW225	Jamalpur	08-Mar-58	11.73
Old Brahmaputra	SW225	Jamalpur	09-Mar-58	11.72
Old Brahmaputra	SW225	Jamalpur	10-Mar-58	11.72
Old Brahmaputra	SW225	Jamalpur	11-Mar-58	11.73
Old Brahmaputra	SW225	Jamalpur	12-Mar-58	11.75
Old Brahmaputra	SW225	Jamalpur	13-Mar-58	11.75
Old Brahmaputra	SW225	Jamalpur	14-Mar-58	11.73
Old Brahmaputra	SW225	Jamalpur	15-Mar-58	11.73
Old Brahmaputra	SW225	Jamalpur	16-Mar-58	11.72
Old Brahmaputra	SW225	Jamalpur	17-Mar-58	11.72
Old Brahmaputra	SW225	Jamalpur	18-Mar-58	11.7
Old Brahmaputra	SW225	Jamalpur	19-Mar-58	11.69
Old Brahmaputra	SW225	Jamalpur	20-Mar-58	11.69
Old Brahmaputra	SW225	Jamalpur	21-Mar-58	11.68
Old Brahmaputra	SW225	Jamalpur	22-Mar-58	11.68
Old Brahmaputra	SW225	Jamalpur	23-Mar-58	11.68
Old Brahmaputra	SW225	Jamalpur	24-Mar-58	11.66
Old Brahmaputra	SW225	Jamalpur	25-Mar-58	11.66
Old Brahmaputra	SW225	Jamalpur	26-Mar-58	11.66
Old Brahmaputra	SW225	Jamalpur	27-Mar-58	11.66
Old Brahmaputra	SW225	Jamalpur	28-Mar-58	11.66
Old Brahmaputra	SW225	Jamalpur	29-Mar-58	11.66
Old Brahmaputra	SW225	Jamalpur	30-Mar-58	11.66
Old Brahmaputra	SW225	Jamalpur	31-Mar-58	11.66
Old Brahmaputra	SW225	Jamalpur	01-Apr-58	11.66
Old Brahmaputra	SW225	Jamalpur	02-Apr-58	11.66
Old Brahmaputra	SW225	Jamalpur	03-Apr-58	11.66

Old Brahmaputra	SW225	Jamalpur	04-Apr-58	11.65
Old Brahmaputra	SW225	Jamalpur	05-Apr-58	11.65
Old Brahmaputra	SW225	Jamalpur	06-Apr-58	11.65
Old Brahmaputra	SW225	Jamalpur	07-Apr-58	11.65
Old Brahmaputra	SW225	Jamalpur	08-Apr-58	11.65
Old Brahmaputra	SW225	Jamalpur	09-Apr-58	11.66
Old Brahmaputra	SW225	Jamalpur	10-Apr-58	11.69
Old Brahmaputra	SW225	Jamalpur	11-Apr-58	11.72
Old Brahmaputra	SW225	Jamalpur	12-Apr-58	11.72
Old Brahmaputra	SW225	Jamalpur	13-Apr-58	11.74
Old Brahmaputra	SW225	Jamalpur	14-Apr-58	11.79
Old Brahmaputra	SW225	Jamalpur	15-Apr-58	11.82
Old Brahmaputra	SW225	Jamalpur	16-Apr-58	11.85
Old Brahmaputra	SW225	Jamalpur	17-Apr-58	11.87
Old Brahmaputra	SW225	Jamalpur	18-Apr-58	11.89
Old Brahmaputra	SW225	Jamalpur	19-Apr-58	11.94
Old Brahmaputra	SW225	Jamalpur	20-Apr-58	12.08
Old Brahmaputra	SW225	Jamalpur	21-Apr-58	12.01
Old Brahmaputra	SW225	Jamalpur	22-Apr-58	12.03
Old Brahmaputra	SW225	Jamalpur	23-Apr-58	12.07
Old Brahmaputra	SW225	Jamalpur	24-Apr-58	12.07
Old Brahmaputra	SW225	Jamalpur	25-Apr-58	12.09
Old Brahmaputra	SW225	Jamalpur	26-Apr-58	12.09
Old Brahmaputra	SW225	Jamalpur	27-Apr-58	12.07
Old Brahmaputra	SW225	Jamalpur	28-Apr-58	12.07
Old Brahmaputra	SW225	Jamalpur	29-Apr-58	12.07
Old Brahmaputra	SW225	Jamalpur	30-Apr-58	12.06
Old Brahmaputra	SW225	Jamalpur	01-May-58	12.14
Old Brahmaputra	SW225	Jamalpur	02-May-58	12.2
Old Brahmaputra	SW225	Jamalpur	03-May-58	12.2
Old Brahmaputra	SW225	Jamalpur	04-May-58	12.2
Old Brahmaputra	SW225	Jamalpur	05-May-58	12.2
Old Brahmaputra	SW225	Jamalpur	06-May-58	12.26
Old Brahmaputra	SW225	Jamalpur	07-May-58	12.65
Old Brahmaputra	SW225	Jamalpur	08-May-58	13.51
Old Brahmaputra	SW225	Jamalpur	09-May-58	13.87
Old Brahmaputra	SW225	Jamalpur	10-May-58	13.84
Old Brahmaputra	SW225	Jamalpur	11-May-58	13.74
Old Brahmaputra	SW225	Jamalpur	12-May-58	13.73
Old Brahmaputra	SW225	Jamalpur	13-May-58	13.72
Old Brahmaputra	SW225	Jamalpur	14-May-58	13.76
Old Brahmaputra	SW225	Jamalpur	15-May-58	13.93
Old Brahmaputra	SW225	Jamalpur	16-May-58	14.02
Old Brahmaputra	SW225	Jamalpur	17-May-58	14.16
Old Brahmaputra	SW225	Jamalpur	18-May-58	14.49
Old Brahmaputra	SW225	Jamalpur	19-May-58	14.64
Old Brahmaputra	SW225	Jamalpur	20-May-58	14.56
Old Brahmaputra	SW225	Jamalpur	21-May-58	14.36
Old Brahmaputra	SW225	Jamalpur	22-May-58	14.23
Old Brahmaputra	SW225	Jamalpur	23-May-58	14.11

Old Brahmaputra	SW225	Jamalpur	24-May-58	14.06
Old Brahmaputra	SW225	Jamalpur	25-May-58	14.02
Old Brahmaputra	SW225	Jamalpur	26-May-58	14.06
Old Brahmaputra	SW225	Jamalpur	27-May-58	14.13
Old Brahmaputra	SW225	Jamalpur	28-May-58	14.13
Old Brahmaputra	SW225	Jamalpur	29-May-58	14.2
Old Brahmaputra	SW225	Jamalpur	30-May-58	14.61
Old Brahmaputra	SW225	Jamalpur	31-May-58	15.07
Old Brahmaputra	SW225	Jamalpur	01-Jun-58	15.33
Old Brahmaputra	SW225	Jamalpur	02-Jun-58	15.43
Old Brahmaputra	SW225	Jamalpur	03-Jun-58	15.37
Old Brahmaputra	SW225	Jamalpur	04-Jun-58	15.22
Old Brahmaputra	SW225	Jamalpur	05-Jun-58	14.97
Old Brahmaputra	SW225	Jamalpur	06-Jun-58	14.72
Old Brahmaputra	SW225	Jamalpur	07-Jun-58	14.47
Old Brahmaputra	SW225	Jamalpur	08-Jun-58	14.24
Old Brahmaputra	SW225	Jamalpur	09-Jun-58	14.07
Old Brahmaputra	SW225	Jamalpur	10-Jun-58	13.95
Old Brahmaputra	SW225	Jamalpur	11-Jun-58	13.87
Old Brahmaputra	SW225	Jamalpur	12-Jun-58	13.74
Old Brahmaputra	SW225	Jamalpur	13-Jun-58	13.65
Old Brahmaputra	SW225	Jamalpur	14-Jun-58	13.63
Old Brahmaputra	SW225	Jamalpur	15-Jun-58	13.56
Old Brahmaputra	SW225	Jamalpur	16-Jun-58	13.52
Old Brahmaputra	SW225	Jamalpur	17-Jun-58	13.51
Old Brahmaputra	SW225	Jamalpur	18-Jun-58	13.54
Old Brahmaputra	SW225	Jamalpur	19-Jun-58	13.59
Old Brahmaputra	SW225	Jamalpur	20-Jun-58	13.82
Old Brahmaputra	SW225	Jamalpur	21-Jun-58	14.23
Old Brahmaputra	SW225	Jamalpur	22-Jun-58	14.81
Old Brahmaputra	SW225	Jamalpur	23-Jun-58	15.36
Old Brahmaputra	SW225	Jamalpur	24-Jun-58	15.69
Old Brahmaputra	SW225	Jamalpur	25-Jun-58	15.86
Old Brahmaputra	SW225	Jamalpur	26-Jun-58	15.94
Old Brahmaputra	SW225	Jamalpur	27-Jun-58	15.94
Old Brahmaputra	SW225	Jamalpur	28-Jun-58	15.91
Old Brahmaputra	SW225	Jamalpur	29-Jun-58	15.85
Old Brahmaputra	SW225	Jamalpur	30-Jun-58	15.79
Old Brahmaputra	SW225	Jamalpur	01-Jul-58	15.78
Old Brahmaputra	SW225	Jamalpur	02-Jul-58	15.84
Old Brahmaputra	SW225	Jamalpur	03-Jul-58	15.92
Old Brahmaputra	SW225	Jamalpur	04-Jul-58	15.99
Old Brahmaputra	SW225	Jamalpur	05-Jul-58	16.1
Old Brahmaputra	SW225	Jamalpur	06-Jul-58	16.2
Old Brahmaputra	SW225	Jamalpur	07-Jul-58	16.27
Old Brahmaputra	SW225	Jamalpur	08-Jul-58	16.32
Old Brahmaputra	SW225	Jamalpur	09-Jul-58	16.33
Old Brahmaputra	SW225	Jamalpur	10-Jul-58	16.34
Old Brahmaputra	SW225	Jamalpur	11-Jul-58	16.33
Old Brahmaputra	SW225	Jamalpur	12-Jul-58	16.31

Old Brahmaputra	SW225	Jamalpur	13-Jul-58	16.24
Old Brahmaputra	SW225	Jamalpur	14-Jul-58	16.11
Old Brahmaputra	SW225	Jamalpur	15-Jul-58	15.97
Old Brahmaputra	SW225	Jamalpur	16-Jul-58	15.83
Old Brahmaputra	SW225	Jamalpur	17-Jul-58	15.72
Old Brahmaputra	SW225	Jamalpur	18-Jul-58	15.65
Old Brahmaputra	SW225	Jamalpur	19-Jul-58	15.57
Old Brahmaputra	SW225	Jamalpur	20-Jul-58	15.48
Old Brahmaputra	SW225	Jamalpur	21-Jul-58	15.36
Old Brahmaputra	SW225	Jamalpur	22-Jul-58	15.24
Old Brahmaputra	SW225	Jamalpur	23-Jul-58	15.18
Old Brahmaputra	SW225	Jamalpur	24-Jul-58	15.21
Old Brahmaputra	SW225	Jamalpur	25-Jul-58	15.3
Old Brahmaputra	SW225	Jamalpur	26-Jul-58	15.39
Old Brahmaputra	SW225	Jamalpur	27-Jul-58	15.47
Old Brahmaputra	SW225	Jamalpur	28-Jul-58	15.54
Old Brahmaputra	SW225	Jamalpur	29-Jul-58	15.56
Old Brahmaputra	SW225	Jamalpur	30-Jul-58	15.56
Old Brahmaputra	SW225	Jamalpur	31-Jul-58	15.59
Old Brahmaputra	SW225	Jamalpur	01-Aug-58	15.66
Old Brahmaputra	SW225	Jamalpur	02-Aug-58	15.8
Old Brahmaputra	SW225	Jamalpur	03-Aug-58	15.95
Old Brahmaputra	SW225	Jamalpur	04-Aug-58	16.25
Old Brahmaputra	SW225	Jamalpur	05-Aug-58	16.44
Old Brahmaputra	SW225	Jamalpur	06-Aug-58	16.59
Old Brahmaputra	SW225	Jamalpur	07-Aug-58	16.73
Old Brahmaputra	SW225	Jamalpur	08-Aug-58	16.81
Old Brahmaputra	SW225	Jamalpur	09-Aug-58	16.79
Old Brahmaputra	SW225	Jamalpur	10-Aug-58	16.82
Old Brahmaputra	SW225	Jamalpur	11-Aug-58	16.82
Old Brahmaputra	SW225	Jamalpur	12-Aug-58	16.84
Old Brahmaputra	SW225	Jamalpur	13-Aug-58	16.82
Old Brahmaputra	SW225	Jamalpur	14-Aug-58	16.82
Old Brahmaputra	SW225	Jamalpur	15-Aug-58	16.85
Old Brahmaputra	SW225	Jamalpur	16-Aug-58	16.9
Old Brahmaputra	SW225	Jamalpur	17-Aug-58	16.95
Old Brahmaputra	SW225	Jamalpur	18-Aug-58	17
Old Brahmaputra	SW225	Jamalpur	19-Aug-58	17.05
Old Brahmaputra	SW225	Jamalpur	20-Aug-58	17.09
Old Brahmaputra	SW225	Jamalpur	21-Aug-58	17.15
Old Brahmaputra	SW225	Jamalpur	22-Aug-58	17.16
Old Brahmaputra	SW225	Jamalpur	23-Aug-58	17.19
Old Brahmaputra	SW225	Jamalpur	24-Aug-58	17.22
Old Brahmaputra	SW225	Jamalpur	25-Aug-58	17.22
Old Brahmaputra	SW225	Jamalpur	26-Aug-58	17.23
Old Brahmaputra	SW225	Jamalpur	27-Aug-58	17.29
Old Brahmaputra	SW225	Jamalpur	28-Aug-58	17.32
Old Brahmaputra	SW225	Jamalpur	29-Aug-58	17.33
Old Brahmaputra	SW225	Jamalpur	30-Aug-58	17.32
Old Brahmaputra	SW225	Jamalpur	31-Aug-58	17.25

Old Brahmaputra	SW225	Jamalpur	01-Sep-58	17.16
Old Brahmaputra	SW225	Jamalpur	02-Sep-58	17.08
Old Brahmaputra	SW225	Jamalpur	03-Sep-58	16.99
Old Brahmaputra	SW225	Jamalpur	04-Sep-58	16.87
Old Brahmaputra	SW225	Jamalpur	05-Sep-58	16.82
Old Brahmaputra	SW225	Jamalpur	06-Sep-58	16.7
Old Brahmaputra	SW225	Jamalpur	07-Sep-58	16.59
Old Brahmaputra	SW225	Jamalpur	08-Sep-58	16.52
Old Brahmaputra	SW225	Jamalpur	09-Sep-58	16.49
Old Brahmaputra	SW225	Jamalpur	10-Sep-58	16.44
Old Brahmaputra	SW225	Jamalpur	11-Sep-58	16.39
Old Brahmaputra	SW225	Jamalpur	12-Sep-58	16.33
Old Brahmaputra	SW225	Jamalpur	13-Sep-58	16.21
Old Brahmaputra	SW225	Jamalpur	14-Sep-58	16.08
Old Brahmaputra	SW225	Jamalpur	15-Sep-58	15.94
Old Brahmaputra	SW225	Jamalpur	16-Sep-58	15.79
Old Brahmaputra	SW225	Jamalpur	17-Sep-58	15.69
Old Brahmaputra	SW225	Jamalpur	18-Sep-58	15.77
Old Brahmaputra	SW225	Jamalpur	19-Sep-58	15.91
Old Brahmaputra	SW225	Jamalpur	20-Sep-58	16.01
Old Brahmaputra	SW225	Jamalpur	21-Sep-58	16.11
Old Brahmaputra	SW225	Jamalpur	22-Sep-58	16.23
Old Brahmaputra	SW225	Jamalpur	23-Sep-58	16.33
Old Brahmaputra	SW225	Jamalpur	24-Sep-58	16.39
Old Brahmaputra	SW225	Jamalpur	25-Sep-58	16.33
Old Brahmaputra	SW225	Jamalpur	26-Sep-58	16.18
Old Brahmaputra	SW225	Jamalpur	27-Sep-58	15.95
Old Brahmaputra	SW225	Jamalpur	28-Sep-58	15.66
Old Brahmaputra	SW225	Jamalpur	29-Sep-58	15.39
Old Brahmaputra	SW225	Jamalpur	30-Sep-58	15.11
Old Brahmaputra	SW225	Jamalpur	01-Oct-58	14.89
Old Brahmaputra	SW225	Jamalpur	02-Oct-58	14.7
Old Brahmaputra	SW225	Jamalpur	03-Oct-58	14.61
Old Brahmaputra	SW225	Jamalpur	04-Oct-58	14.65
Old Brahmaputra	SW225	Jamalpur	05-Oct-58	14.73
Old Brahmaputra	SW225	Jamalpur	06-Oct-58	14.91
Old Brahmaputra	SW225	Jamalpur	07-Oct-58	15.15
Old Brahmaputra	SW225	Jamalpur	08-Oct-58	15.4
Old Brahmaputra	SW225	Jamalpur	09-Oct-58	15.57
Old Brahmaputra	SW225	Jamalpur	10-Oct-58	15.65
Old Brahmaputra	SW225	Jamalpur	11-Oct-58	15.65
Old Brahmaputra	SW225	Jamalpur	12-Oct-58	15.6
Old Brahmaputra	SW225	Jamalpur	13-Oct-58	15.57
Old Brahmaputra	SW225	Jamalpur	14-Oct-58	15.57
Old Brahmaputra	SW225	Jamalpur	15-Oct-58	15.51
Old Brahmaputra	SW225	Jamalpur	16-Oct-58	15.44
Old Brahmaputra	SW225	Jamalpur	17-Oct-58	15.41
Old Brahmaputra	SW225	Jamalpur	18-Oct-58	15.43
Old Brahmaputra	SW225	Jamalpur	19-Oct-58	15.48
Old Brahmaputra	SW225	Jamalpur	20-Oct-58	15.43

Old Brahmaputra	SW225	Jamalpur	21-Oct-58	15.3
Old Brahmaputra	SW225	Jamalpur	22-Oct-58	15.09
Old Brahmaputra	SW225	Jamalpur	23-Oct-58	14.87
Old Brahmaputra	SW225	Jamalpur	24-Oct-58	14.72
Old Brahmaputra	SW225	Jamalpur	25-Oct-58	14.53
Old Brahmaputra	SW225	Jamalpur	26-Oct-58	14.35
Old Brahmaputra	SW225	Jamalpur	27-Oct-58	14.18
Old Brahmaputra	SW225	Jamalpur	28-Oct-58	14.02
Old Brahmaputra	SW225	Jamalpur	29-Oct-58	13.87
Old Brahmaputra	SW225	Jamalpur	30-Oct-58	13.76
Old Brahmaputra	SW225	Jamalpur	31-Oct-58	13.65
Old Brahmaputra	SW225	Jamalpur	01-Nov-58	13.57
Old Brahmaputra	SW225	Jamalpur	02-Nov-58	13.52
Old Brahmaputra	SW225	Jamalpur	03-Nov-58	13.48
Old Brahmaputra	SW225	Jamalpur	04-Nov-58	13.41
Old Brahmaputra	SW225	Jamalpur	05-Nov-58	13.32
Old Brahmaputra	SW225	Jamalpur	06-Nov-58	13.2
Old Brahmaputra	SW225	Jamalpur	07-Nov-58	13.11
Old Brahmaputra	SW225	Jamalpur	08-Nov-58	13.03
Old Brahmaputra	SW225	Jamalpur	09-Nov-58	12.97
Old Brahmaputra	SW225	Jamalpur	10-Nov-58	12.91
Old Brahmaputra	SW225	Jamalpur	11-Nov-58	12.88
Old Brahmaputra	SW225	Jamalpur	12-Nov-58	12.81
Old Brahmaputra	SW225	Jamalpur	13-Nov-58	12.77
Old Brahmaputra	SW225	Jamalpur	14-Nov-58	12.73
Old Brahmaputra	SW225	Jamalpur	15-Nov-58	12.68
Old Brahmaputra	SW225	Jamalpur	16-Nov-58	12.65
Old Brahmaputra	SW225	Jamalpur	17-Nov-58	12.6
Old Brahmaputra	SW225	Jamalpur	18-Nov-58	12.56
Old Brahmaputra	SW225	Jamalpur	19-Nov-58	12.53
Old Brahmaputra	SW225	Jamalpur	20-Nov-58	12.51
Old Brahmaputra	SW225	Jamalpur	21-Nov-58	12.48
Old Brahmaputra	SW225	Jamalpur	22-Nov-58	12.46
Old Brahmaputra	SW225	Jamalpur	23-Nov-58	12.44
Old Brahmaputra	SW225	Jamalpur	24-Nov-58	12.42
Old Brahmaputra	SW225	Jamalpur	25-Nov-58	12.4
Old Brahmaputra	SW225	Jamalpur	26-Nov-58	12.38
Old Brahmaputra	SW225	Jamalpur	27-Nov-58	12.36
Old Brahmaputra	SW225	Jamalpur	28-Nov-58	12.35
Old Brahmaputra	SW225	Jamalpur	29-Nov-58	12.33
Old Brahmaputra	SW225	Jamalpur	30-Nov-58	12.31
Old Brahmaputra	SW225	Jamalpur	01-Dec-58	12.31
Old Brahmaputra	SW225	Jamalpur	02-Dec-58	12.3
Old Brahmaputra	SW225	Jamalpur	03-Dec-58	12.28
Old Brahmaputra	SW225	Jamalpur	04-Dec-58	12.28
Old Brahmaputra	SW225	Jamalpur	05-Dec-58	12.26
Old Brahmaputra	SW225	Jamalpur	06-Dec-58	12.23
Old Brahmaputra	SW225	Jamalpur	07-Dec-58	12.2
Old Brahmaputra	SW225	Jamalpur	08-Dec-58	12.19
Old Brahmaputra	SW225	Jamalpur	09-Dec-58	12.18

Old Brahmaputra	SW225	Jamalpur	10-Dec-58	12.16
Old Brahmaputra	SW225	Jamalpur	11-Dec-58	12.15
Old Brahmaputra	SW225	Jamalpur	12-Dec-58	12.15
Old Brahmaputra	SW225	Jamalpur	13-Dec-58	12.13
Old Brahmaputra	SW225	Jamalpur	14-Dec-58	12.11
Old Brahmaputra	SW225	Jamalpur	15-Dec-58	12.1
Old Brahmaputra	SW225	Jamalpur	16-Dec-58	12.09
Old Brahmaputra	SW225	Jamalpur	17-Dec-58	12.07
Old Brahmaputra	SW225	Jamalpur	18-Dec-58	12.06
Old Brahmaputra	SW225	Jamalpur	19-Dec-58	12.06
Old Brahmaputra	SW225	Jamalpur	20-Dec-58	12.05
Old Brahmaputra	SW225	Jamalpur	21-Dec-58	12.04
Old Brahmaputra	SW225	Jamalpur	22-Dec-58	12.02
Old Brahmaputra	SW225	Jamalpur	23-Dec-58	12.02
Old Brahmaputra	SW225	Jamalpur	24-Dec-58	12.01
Old Brahmaputra	SW225	Jamalpur	25-Dec-58	11.99
Old Brahmaputra	SW225	Jamalpur	26-Dec-58	11.99
Old Brahmaputra	SW225	Jamalpur	27-Dec-58	11.99
Old Brahmaputra	SW225	Jamalpur	28-Dec-58	11.99
Old Brahmaputra	SW225	Jamalpur	29-Dec-58	11.98
Old Brahmaputra	SW225	Jamalpur	30-Dec-58	11.98
Old Brahmaputra	SW225	Jamalpur	31-Dec-58	11.98
Old Brahmaputra	SW225	Jamalpur	01-Apr-59	11.98
Old Brahmaputra	SW225	Jamalpur	02-Apr-59	12.01
Old Brahmaputra	SW225	Jamalpur	03-Apr-59	12.03
Old Brahmaputra	SW225	Jamalpur	04-Apr-59	12.03
Old Brahmaputra	SW225	Jamalpur	05-Apr-59	12.03
Old Brahmaputra	SW225	Jamalpur	06-Apr-59	12.01
Old Brahmaputra	SW225	Jamalpur	07-Apr-59	11.98
Old Brahmaputra	SW225	Jamalpur	08-Apr-59	11.96
Old Brahmaputra	SW225	Jamalpur	09-Apr-59	11.94
Old Brahmaputra	SW225	Jamalpur	10-Apr-59	11.94
Old Brahmaputra	SW225	Jamalpur	11-Apr-59	11.96
Old Brahmaputra	SW225	Jamalpur	12-Apr-59	11.98
Old Brahmaputra	SW225	Jamalpur	13-Apr-59	11.98
Old Brahmaputra	SW225	Jamalpur	14-Apr-59	11.96
Old Brahmaputra	SW225	Jamalpur	15-Apr-59	11.93
Old Brahmaputra	SW225	Jamalpur	16-Apr-59	11.93
Old Brahmaputra	SW225	Jamalpur	17-Apr-59	11.91
Old Brahmaputra	SW225	Jamalpur	18-Apr-59	11.94
Old Brahmaputra	SW225	Jamalpur	19-Apr-59	12.03
Old Brahmaputra	SW225	Jamalpur	20-Apr-59	12.23
Old Brahmaputra	SW225	Jamalpur	21-Apr-59	12.3
Old Brahmaputra	SW225	Jamalpur	22-Apr-59	12.52
Old Brahmaputra	SW225	Jamalpur	23-Apr-59	12.48
Old Brahmaputra	SW225	Jamalpur	24-Apr-59	12.41
Old Brahmaputra	SW225	Jamalpur	25-Apr-59	12.37
Old Brahmaputra	SW225	Jamalpur	26-Apr-59	12.34
Old Brahmaputra	SW225	Jamalpur	27-Apr-59	12.34
Old Brahmaputra	SW225	Jamalpur	28-Apr-59	12.33

Old Brahmaputra	SW225	Jamalpur	29-Apr-59	12.31
Old Brahmaputra	SW225	Jamalpur	30-Apr-59	12.3
Old Brahmaputra	SW225	Jamalpur	01-May-59	12.34
Old Brahmaputra	SW225	Jamalpur	02-May-59	12.36
Old Brahmaputra	SW225	Jamalpur	03-May-59	12.34
Old Brahmaputra	SW225	Jamalpur	04-May-59	12.34
Old Brahmaputra	SW225	Jamalpur	05-May-59	12.35
Old Brahmaputra	SW225	Jamalpur	06-May-59	12.34
Old Brahmaputra	SW225	Jamalpur	07-May-59	12.38
Old Brahmaputra	SW225	Jamalpur	08-May-59	12.65
Old Brahmaputra	SW225	Jamalpur	09-May-59	13.31
Old Brahmaputra	SW225	Jamalpur	10-May-59	13.66
Old Brahmaputra	SW225	Jamalpur	11-May-59	13.7
Old Brahmaputra	SW225	Jamalpur	12-May-59	13.66
Old Brahmaputra	SW225	Jamalpur	13-May-59	13.91
Old Brahmaputra	SW225	Jamalpur	14-May-59	13.91
Old Brahmaputra	SW225	Jamalpur	15-May-59	14.48
Old Brahmaputra	SW225	Jamalpur	16-May-59	14.48
Old Brahmaputra	SW225	Jamalpur	17-May-59	14.33
Old Brahmaputra	SW225	Jamalpur	18-May-59	14.41
Old Brahmaputra	SW225	Jamalpur	19-May-59	14
Old Brahmaputra	SW225	Jamalpur	20-May-59	13.92
Old Brahmaputra	SW225	Jamalpur	21-May-59	13.92
Old Brahmaputra	SW225	Jamalpur	22-May-59	14.06
Old Brahmaputra	SW225	Jamalpur	23-May-59	14.23
Old Brahmaputra	SW225	Jamalpur	24-May-59	14.36
Old Brahmaputra	SW225	Jamalpur	25-May-59	14.53
Old Brahmaputra	SW225	Jamalpur	26-May-59	14.77
Old Brahmaputra	SW225	Jamalpur	27-May-59	14.84
Old Brahmaputra	SW225	Jamalpur	28-May-59	14.81
Old Brahmaputra	SW225	Jamalpur	29-May-59	14.64
Old Brahmaputra	SW225	Jamalpur	30-May-59	14.45
Old Brahmaputra	SW225	Jamalpur	31-May-59	14.35
Old Brahmaputra	SW225	Jamalpur	01-Jun-59	14.35
Old Brahmaputra	SW225	Jamalpur	02-Jun-59	14.32
Old Brahmaputra	SW225	Jamalpur	03-Jun-59	14.19
Old Brahmaputra	SW225	Jamalpur	04-Jun-59	14.25
Old Brahmaputra	SW225	Jamalpur	05-Jun-59	14.43
Old Brahmaputra	SW225	Jamalpur	06-Jun-59	14.47
Old Brahmaputra	SW225	Jamalpur	07-Jun-59	14.45
Old Brahmaputra	SW225	Jamalpur	08-Jun-59	14.02
Old Brahmaputra	SW225	Jamalpur	09-Jun-59	14.14
Old Brahmaputra	SW225	Jamalpur	10-Jun-59	13.99
Old Brahmaputra	SW225	Jamalpur	11-Jun-59	13.9
Old Brahmaputra	SW225	Jamalpur	12-Jun-59	13.86
Old Brahmaputra	SW225	Jamalpur	13-Jun-59	13.95
Old Brahmaputra	SW225	Jamalpur	14-Jun-59	14.05
Old Brahmaputra	SW225	Jamalpur	15-Jun-59	14.22
Old Brahmaputra	SW225	Jamalpur	16-Jun-59	14.65
Old Brahmaputra	SW225	Jamalpur	17-Jun-59	15.21

Old Brahmaputra	SW225	Jamalpur	18-Jun-59	15.61
Old Brahmaputra	SW225	Jamalpur	19-Jun-59	16
Old Brahmaputra	SW225	Jamalpur	20-Jun-59	16.16
Old Brahmaputra	SW225	Jamalpur	21-Jun-59	16.35
Old Brahmaputra	SW225	Jamalpur	22-Jun-59	16.6
Old Brahmaputra	SW225	Jamalpur	23-Jun-59	16.75
Old Brahmaputra	SW225	Jamalpur	24-Jun-59	16.9
Old Brahmaputra	SW225	Jamalpur	25-Jun-59	16.99
Old Brahmaputra	SW225	Jamalpur	26-Jun-59	17.13
Old Brahmaputra	SW225	Jamalpur	27-Jun-59	17.15
Old Brahmaputra	SW225	Jamalpur	28-Jun-59	17.07
Old Brahmaputra	SW225	Jamalpur	29-Jun-59	17.01
Old Brahmaputra	SW225	Jamalpur	30-Jun-59	16.9
Old Brahmaputra	SW225	Jamalpur	01-Jul-59	16.76
Old Brahmaputra	SW225	Jamalpur	02-Jul-59	16.63
Old Brahmaputra	SW225	Jamalpur	03-Jul-59	16.44
Old Brahmaputra	SW225	Jamalpur	04-Jul-59	16.31
Old Brahmaputra	SW225	Jamalpur	05-Jul-59	16.19
Old Brahmaputra	SW225	Jamalpur	06-Jul-59	16.11
Old Brahmaputra	SW225	Jamalpur	07-Jul-59	16.05
Old Brahmaputra	SW225	Jamalpur	08-Jul-59	16.88
Old Brahmaputra	SW225	Jamalpur	09-Jul-59	15.85
Old Brahmaputra	SW225	Jamalpur	10-Jul-59	15.85
Old Brahmaputra	SW225	Jamalpur	11-Jul-59	15.95
Old Brahmaputra	SW225	Jamalpur	12-Jul-59	16.15
Old Brahmaputra	SW225	Jamalpur	13-Jul-59	16.22
Old Brahmaputra	SW225	Jamalpur	14-Jul-59	16.3
Old Brahmaputra	SW225	Jamalpur	15-Jul-59	16.3
Old Brahmaputra	SW225	Jamalpur	16-Jul-59	16.26
Old Brahmaputra	SW225	Jamalpur	17-Jul-59	16.18
Old Brahmaputra	SW225	Jamalpur	18-Jul-59	16.03
Old Brahmaputra	SW225	Jamalpur	19-Jul-59	15.89
Old Brahmaputra	SW225	Jamalpur	20-Jul-59	15.75
Old Brahmaputra	SW225	Jamalpur	21-Jul-59	15.61
Old Brahmaputra	SW225	Jamalpur	22-Jul-59	15.54
Old Brahmaputra	SW225	Jamalpur	23-Jul-59	15.43
Old Brahmaputra	SW225	Jamalpur	24-Jul-59	15.47
Old Brahmaputra	SW225	Jamalpur	25-Jul-59	15.56
Old Brahmaputra	SW225	Jamalpur	26-Jul-59	15.69
Old Brahmaputra	SW225	Jamalpur	27-Jul-59	15.82
Old Brahmaputra	SW225	Jamalpur	28-Jul-59	15.99
Old Brahmaputra	SW225	Jamalpur	29-Jul-59	16.13
Old Brahmaputra	SW225	Jamalpur	30-Jul-59	16.26
Old Brahmaputra	SW225	Jamalpur	31-Jul-59	16.32
Old Brahmaputra	SW225	Jamalpur	01-Aug-59	16.33
Old Brahmaputra	SW225	Jamalpur	02-Aug-59	16.32
Old Brahmaputra	SW225	Jamalpur	03-Aug-59	16.28
Old Brahmaputra	SW225	Jamalpur	04-Aug-59	16.24
Old Brahmaputra	SW225	Jamalpur	05-Aug-59	16.22
Old Brahmaputra	SW225	Jamalpur	06-Aug-59	16.21

Old Brahmaputra	SW225	Jamalpur	07-Aug-59	16.16
Old Brahmaputra	SW225	Jamalpur	08-Aug-59	16.1
Old Brahmaputra	SW225	Jamalpur	09-Aug-59	16.07
Old Brahmaputra	SW225	Jamalpur	10-Aug-59	16.07
Old Brahmaputra	SW225	Jamalpur	11-Aug-59	16.05
Old Brahmaputra	SW225	Jamalpur	12-Aug-59	16.04
Old Brahmaputra	SW225	Jamalpur	13-Aug-59	16.13
Old Brahmaputra	SW225	Jamalpur	14-Aug-59	16.13
Old Brahmaputra	SW225	Jamalpur	15-Aug-59	16.39
Old Brahmaputra	SW225	Jamalpur	16-Aug-59	16.49
Old Brahmaputra	SW225	Jamalpur	17-Aug-59	16.49
Old Brahmaputra	SW225	Jamalpur	18-Aug-59	16.47
Old Brahmaputra	SW225	Jamalpur	19-Aug-59	16.43
Old Brahmaputra	SW225	Jamalpur	20-Aug-59	16.41
Old Brahmaputra	SW225	Jamalpur	21-Aug-59	16.37
Old Brahmaputra	SW225	Jamalpur	22-Aug-59	16.3
Old Brahmaputra	SW225	Jamalpur	23-Aug-59	16.21
Old Brahmaputra	SW225	Jamalpur	24-Aug-59	16.11
Old Brahmaputra	SW225	Jamalpur	25-Aug-59	16
Old Brahmaputra	SW225	Jamalpur	26-Aug-59	15.9
Old Brahmaputra	SW225	Jamalpur	27-Aug-59	15.7
Old Brahmaputra	SW225	Jamalpur	28-Aug-59	15.53
Old Brahmaputra	SW225	Jamalpur	29-Aug-59	15.35
Old Brahmaputra	SW225	Jamalpur	30-Aug-59	15.16
Old Brahmaputra	SW225	Jamalpur	31-Aug-59	15.02
Old Brahmaputra	SW225	Jamalpur	01-Sep-59	14.88
Old Brahmaputra	SW225	Jamalpur	02-Sep-59	14.75
Old Brahmaputra	SW225	Jamalpur	03-Sep-59	14.66
Old Brahmaputra	SW225	Jamalpur	04-Sep-59	14.56
Old Brahmaputra	SW225	Jamalpur	05-Sep-59	14.47
Old Brahmaputra	SW225	Jamalpur	06-Sep-59	14.4
Old Brahmaputra	SW225	Jamalpur	07-Sep-59	14.4
Old Brahmaputra	SW225	Jamalpur	08-Sep-59	14.56
Old Brahmaputra	SW225	Jamalpur	09-Sep-59	14.74
Old Brahmaputra	SW225	Jamalpur	10-Sep-59	14.76
Old Brahmaputra	SW225	Jamalpur	11-Sep-59	14.91
Old Brahmaputra	SW225	Jamalpur	12-Sep-59	14.94
Old Brahmaputra	SW225	Jamalpur	13-Sep-59	14.94
Old Brahmaputra	SW225	Jamalpur	14-Sep-59	14.89
Old Brahmaputra	SW225	Jamalpur	15-Sep-59	14.84
Old Brahmaputra	SW225	Jamalpur	16-Sep-59	14.69
Old Brahmaputra	SW225	Jamalpur	17-Sep-59	14.56
Old Brahmaputra	SW225	Jamalpur	18-Sep-59	14.49
Old Brahmaputra	SW225	Jamalpur	19-Sep-59	14.49
Old Brahmaputra	SW225	Jamalpur	20-Sep-59	14.55
Old Brahmaputra	SW225	Jamalpur	21-Sep-59	14.69
Old Brahmaputra	SW225	Jamalpur	22-Sep-59	14.82
Old Brahmaputra	SW225	Jamalpur	23-Sep-59	14.95
Old Brahmaputra	SW225	Jamalpur	24-Sep-59	15.09
Old Brahmaputra	SW225	Jamalpur	25-Sep-59	15.25

Old Brahmaputra	SW225	Jamalpur	26-Sep-59	15.41
Old Brahmaputra	SW225	Jamalpur	27-Sep-59	15.5
Old Brahmaputra	SW225	Jamalpur	28-Sep-59	15.46
Old Brahmaputra	SW225	Jamalpur	29-Sep-59	15.34
Old Brahmaputra	SW225	Jamalpur	30-Sep-59	15.15
Old Brahmaputra	SW225	Jamalpur	01-Oct-59	14.98
Old Brahmaputra	SW225	Jamalpur	02-Oct-59	14.98
Old Brahmaputra	SW225	Jamalpur	03-Oct-59	15.14
Old Brahmaputra	SW225	Jamalpur	04-Oct-59	15.44
Old Brahmaputra	SW225	Jamalpur	05-Oct-59	15.55
Old Brahmaputra	SW225	Jamalpur	06-Oct-59	15.45
Old Brahmaputra	SW225	Jamalpur	07-Oct-59	15.29
Old Brahmaputra	SW225	Jamalpur	08-Oct-59	14.98
Old Brahmaputra	SW225	Jamalpur	09-Oct-59	14.77
Old Brahmaputra	SW225	Jamalpur	10-Oct-59	14.66
Old Brahmaputra	SW225	Jamalpur	11-Oct-59	14.6
Old Brahmaputra	SW225	Jamalpur	12-Oct-59	14.59
Old Brahmaputra	SW225	Jamalpur	13-Oct-59	14.68
Old Brahmaputra	SW225	Jamalpur	14-Oct-59	14.65
Old Brahmaputra	SW225	Jamalpur	15-Oct-59	14.59
Old Brahmaputra	SW225	Jamalpur	16-Oct-59	14.57
Old Brahmaputra	SW225	Jamalpur	17-Oct-59	14.52
Old Brahmaputra	SW225	Jamalpur	18-Oct-59	14.56
Old Brahmaputra	SW225	Jamalpur	19-Oct-59	14.55
Old Brahmaputra	SW225	Jamalpur	20-Oct-59	14.45
Old Brahmaputra	SW225	Jamalpur	21-Oct-59	14.28
Old Brahmaputra	SW225	Jamalpur	22-Oct-59	14.14
Old Brahmaputra	SW225	Jamalpur	23-Oct-59	14.04
Old Brahmaputra	SW225	Jamalpur	24-Oct-59	14.02
Old Brahmaputra	SW225	Jamalpur	25-Oct-59	13.96
Old Brahmaputra	SW225	Jamalpur	26-Oct-59	13.9
Old Brahmaputra	SW225	Jamalpur	27-Oct-59	13.81
Old Brahmaputra	SW225	Jamalpur	28-Oct-59	13.75
Old Brahmaputra	SW225	Jamalpur	29-Oct-59	13.74
Old Brahmaputra	SW225	Jamalpur	30-Oct-59	13.76
Old Brahmaputra	SW225	Jamalpur	31-Oct-59	13.74
Old Brahmaputra	SW225	Jamalpur	01-Nov-59	13.63
Old Brahmaputra	SW225	Jamalpur	02-Nov-59	13.52
Old Brahmaputra	SW225	Jamalpur	03-Nov-59	13.41
Old Brahmaputra	SW225	Jamalpur	04-Nov-59	13.34
Old Brahmaputra	SW225	Jamalpur	05-Nov-59	13.3
Old Brahmaputra	SW225	Jamalpur	06-Nov-59	13.27
Old Brahmaputra	SW225	Jamalpur	07-Nov-59	13.25
Old Brahmaputra	SW225	Jamalpur	08-Nov-59	13.22
Old Brahmaputra	SW225	Jamalpur	09-Nov-59	13.17
Old Brahmaputra	SW225	Jamalpur	10-Nov-59	13.11
Old Brahmaputra	SW225	Jamalpur	11-Nov-59	13.03
Old Brahmaputra	SW225	Jamalpur	12-Nov-59	12.97
Old Brahmaputra	SW225	Jamalpur	13-Nov-59	12.93
Old Brahmaputra	SW225	Jamalpur	14-Nov-59	12.87

Old Brahmaputra	SW225	Jamalpur	15-Nov-59	12.84
Old Brahmaputra	SW225	Jamalpur	16-Nov-59	12.81
Old Brahmaputra	SW225	Jamalpur	17-Nov-59	12.78
Old Brahmaputra	SW225	Jamalpur	18-Nov-59	12.74
Old Brahmaputra	SW225	Jamalpur	19-Nov-59	12.72
Old Brahmaputra	SW225	Jamalpur	20-Nov-59	12.68
Old Brahmaputra	SW225	Jamalpur	21-Nov-59	12.62
Old Brahmaputra	SW225	Jamalpur	22-Nov-59	12.57
Old Brahmaputra	SW225	Jamalpur	23-Nov-59	12.55
Old Brahmaputra	SW225	Jamalpur	24-Nov-59	12.51
Old Brahmaputra	SW225	Jamalpur	25-Nov-59	12.48
Old Brahmaputra	SW225	Jamalpur	26-Nov-59	12.43
Old Brahmaputra	SW225	Jamalpur	27-Nov-59	12.4
Old Brahmaputra	SW225	Jamalpur	28-Nov-59	12.37
Old Brahmaputra	SW225	Jamalpur	29-Nov-59	12.34
Old Brahmaputra	SW225	Jamalpur	30-Nov-59	12.31
Old Brahmaputra	SW225	Jamalpur	01-Dec-59	12.27
Old Brahmaputra	SW225	Jamalpur	02-Dec-59	12.26
Old Brahmaputra	SW225	Jamalpur	03-Dec-59	12.23
Old Brahmaputra	SW225	Jamalpur	04-Dec-59	12.21
Old Brahmaputra	SW225	Jamalpur	05-Dec-59	12.13
Old Brahmaputra	SW225	Jamalpur	06-Dec-59	12.15
Old Brahmaputra	SW225	Jamalpur	07-Dec-59	12.12
Old Brahmaputra	SW225	Jamalpur	08-Dec-59	12.1
Old Brahmaputra	SW225	Jamalpur	09-Dec-59	12.06
Old Brahmaputra	SW225	Jamalpur	10-Dec-59	12.02
Old Brahmaputra	SW225	Jamalpur	11-Dec-59	12.01
Old Brahmaputra	SW225	Jamalpur	12-Dec-59	11.99
Old Brahmaputra	SW225	Jamalpur	13-Dec-59	11.98
Old Brahmaputra	SW225	Jamalpur	14-Dec-59	11.98
Old Brahmaputra	SW225	Jamalpur	15-Dec-59	11.97
Old Brahmaputra	SW225	Jamalpur	16-Dec-59	11.95
Old Brahmaputra	SW225	Jamalpur	17-Dec-59	11.94
Old Brahmaputra	SW225	Jamalpur	18-Dec-59	11.92
Old Brahmaputra	SW225	Jamalpur	19-Dec-59	11.9
Old Brahmaputra	SW225	Jamalpur	20-Dec-59	11.9
Old Brahmaputra	SW225	Jamalpur	21-Dec-59	11.89
Old Brahmaputra	SW225	Jamalpur	22-Dec-59	11.88
Old Brahmaputra	SW225	Jamalpur	23-Dec-59	11.86
Old Brahmaputra	SW225	Jamalpur	24-Dec-59	11.85
Old Brahmaputra	SW225	Jamalpur	25-Dec-59	11.84
Old Brahmaputra	SW225	Jamalpur	26-Dec-59	11.82
Old Brahmaputra	SW225	Jamalpur	27-Dec-59	11.8
Old Brahmaputra	SW225	Jamalpur	28-Dec-59	11.8
Old Brahmaputra	SW225	Jamalpur	29-Dec-59	11.78
Old Brahmaputra	SW225	Jamalpur	30-Dec-59	11.78
Old Brahmaputra	SW225	Jamalpur	31-Dec-59	11.77
Old Brahmaputra	SW225	Jamalpur	01-Jan-60	11.77
Old Brahmaputra	SW225	Jamalpur	02-Jan-60	11.76
Old Brahmaputra	SW225	Jamalpur	03-Jan-60	11.76

Old Brahmaputra	SW225	Jamalpur	04-Jan-60	11.73
Old Brahmaputra	SW225	Jamalpur	05-Jan-60	11.73
Old Brahmaputra	SW225	Jamalpur	06-Jan-60	11.72
Old Brahmaputra	SW225	Jamalpur	07-Jan-60	11.72
Old Brahmaputra	SW225	Jamalpur	08-Jan-60	11.7
Old Brahmaputra	SW225	Jamalpur	09-Jan-60	11.7
Old Brahmaputra	SW225	Jamalpur	10-Jan-60	11.69
Old Brahmaputra	SW225	Jamalpur	11-Jan-60	11.69
Old Brahmaputra	SW225	Jamalpur	12-Jan-60	11.68
Old Brahmaputra	SW225	Jamalpur	13-Jan-60	11.68
Old Brahmaputra	SW225	Jamalpur	14-Jan-60	11.68
Old Brahmaputra	SW225	Jamalpur	15-Jan-60	11.66
Old Brahmaputra	SW225	Jamalpur	16-Jan-60	11.66
Old Brahmaputra	SW225	Jamalpur	17-Jan-60	11.65
Old Brahmaputra	SW225	Jamalpur	18-Jan-60	11.64
Old Brahmaputra	SW225	Jamalpur	19-Jan-60	11.63
Old Brahmaputra	SW225	Jamalpur	20-Jan-60	11.61
Old Brahmaputra	SW225	Jamalpur	21-Jan-60	11.61
Old Brahmaputra	SW225	Jamalpur	22-Jan-60	11.6
Old Brahmaputra	SW225	Jamalpur	23-Jan-60	11.6
Old Brahmaputra	SW225	Jamalpur	24-Jan-60	11.59
Old Brahmaputra	SW225	Jamalpur	25-Jan-60	11.59
Old Brahmaputra	SW225	Jamalpur	26-Jan-60	11.57
Old Brahmaputra	SW225	Jamalpur	27-Jan-60	11.57
Old Brahmaputra	SW225	Jamalpur	28-Jan-60	11.57
Old Brahmaputra	SW225	Jamalpur	29-Jan-60	11.56
Old Brahmaputra	SW225	Jamalpur	30-Jan-60	11.56
Old Brahmaputra	SW225	Jamalpur	31-Jan-60	11.55
Old Brahmaputra	SW225	Jamalpur	01-Feb-60	11.54
Old Brahmaputra	SW225	Jamalpur	02-Feb-60	11.54
Old Brahmaputra	SW225	Jamalpur	03-Feb-60	11.52
Old Brahmaputra	SW225	Jamalpur	04-Feb-60	11.52
Old Brahmaputra	SW225	Jamalpur	05-Feb-60	11.52
Old Brahmaputra	SW225	Jamalpur	06-Feb-60	11.51
Old Brahmaputra	SW225	Jamalpur	07-Feb-60	11.51
Old Brahmaputra	SW225	Jamalpur	08-Feb-60	11.49
Old Brahmaputra	SW225	Jamalpur	09-Feb-60	11.49
Old Brahmaputra	SW225	Jamalpur	10-Feb-60	11.49
Old Brahmaputra	SW225	Jamalpur	11-Feb-60	11.48
Old Brahmaputra	SW225	Jamalpur	12-Feb-60	11.48
Old Brahmaputra	SW225	Jamalpur	13-Feb-60	11.48
Old Brahmaputra	SW225	Jamalpur	14-Feb-60	11.47
Old Brahmaputra	SW225	Jamalpur	15-Feb-60	11.47
Old Brahmaputra	SW225	Jamalpur	16-Feb-60	11.45
Old Brahmaputra	SW225	Jamalpur	17-Feb-60	11.45
Old Brahmaputra	SW225	Jamalpur	18-Feb-60	11.44
Old Brahmaputra	SW225	Jamalpur	19-Feb-60	11.44
Old Brahmaputra	SW225	Jamalpur	20-Feb-60	11.41
Old Brahmaputra	SW225	Jamalpur	21-Feb-60	11.41
Old Brahmaputra	SW225	Jamalpur	22-Feb-60	11.4

Old Brahmaputra	SW225	Jamalpur	23-Feb-60	11.4
Old Brahmaputra	SW225	Jamalpur	24-Feb-60	11.4
Old Brahmaputra	SW225	Jamalpur	25-Feb-60	11.4
Old Brahmaputra	SW225	Jamalpur	26-Feb-60	11.39
Old Brahmaputra	SW225	Jamalpur	27-Feb-60	11.39
Old Brahmaputra	SW225	Jamalpur	28-Feb-60	11.39
Old Brahmaputra	SW225	Jamalpur	29-Feb-60	11.39
Old Brahmaputra	SW225	Jamalpur	01-Mar-60	11.39
Old Brahmaputra	SW225	Jamalpur	02-Mar-60	11.39
Old Brahmaputra	SW225	Jamalpur	03-Mar-60	11.41
Old Brahmaputra	SW225	Jamalpur	04-Mar-60	11.41
Old Brahmaputra	SW225	Jamalpur	05-Mar-60	11.41
Old Brahmaputra	SW225	Jamalpur	06-Mar-60	11.4
Old Brahmaputra	SW225	Jamalpur	07-Mar-60	11.4
Old Brahmaputra	SW225	Jamalpur	08-Mar-60	11.4
Old Brahmaputra	SW225	Jamalpur	09-Mar-60	11.4
Old Brahmaputra	SW225	Jamalpur	10-Mar-60	11.4
Old Brahmaputra	SW225	Jamalpur	11-Mar-60	11.4
Old Brahmaputra	SW225	Jamalpur	12-Mar-60	11.39
Old Brahmaputra	SW225	Jamalpur	13-Mar-60	11.39
Old Brahmaputra	SW225	Jamalpur	14-Mar-60	11.39
Old Brahmaputra	SW225	Jamalpur	15-Mar-60	11.39
Old Brahmaputra	SW225	Jamalpur	16-Mar-60	11.39
Old Brahmaputra	SW225	Jamalpur	17-Mar-60	11.37
Old Brahmaputra	SW225	Jamalpur	18-Mar-60	11.37
Old Brahmaputra	SW225	Jamalpur	19-Mar-60	11.37
Old Brahmaputra	SW225	Jamalpur	20-Mar-60	11.37
Old Brahmaputra	SW225	Jamalpur	21-Mar-60	11.35
Old Brahmaputra	SW225	Jamalpur	22-Mar-60	11.35
Old Brahmaputra	SW225	Jamalpur	23-Mar-60	11.34
Old Brahmaputra	SW225	Jamalpur	24-Mar-60	11.34
Old Brahmaputra	SW225	Jamalpur	25-Mar-60	11.32
Old Brahmaputra	SW225	Jamalpur	26-Mar-60	11.32
Old Brahmaputra	SW225	Jamalpur	27-Mar-60	11.31
Old Brahmaputra	SW225	Jamalpur	28-Mar-60	11.3
Old Brahmaputra	SW225	Jamalpur	29-Mar-60	11.28
Old Brahmaputra	SW225	Jamalpur	30-Mar-60	11.27
Old Brahmaputra	SW225	Jamalpur	31-Mar-60	11.25
Old Brahmaputra	SW225	Jamalpur	01-Apr-60	11.23
Old Brahmaputra	SW225	Jamalpur	02-Apr-60	11.2
Old Brahmaputra	SW225	Jamalpur	03-Apr-60	11.19
Old Brahmaputra	SW225	Jamalpur	04-Apr-60	11.19
Old Brahmaputra	SW225	Jamalpur	05-Apr-60	11.18
Old Brahmaputra	SW225	Jamalpur	06-Apr-60	11.18
Old Brahmaputra	SW225	Jamalpur	07-Apr-60	11.18
Old Brahmaputra	SW225	Jamalpur	08-Apr-60	11.18
Old Brahmaputra	SW225	Jamalpur	09-Apr-60	11.18
Old Brahmaputra	SW225	Jamalpur	10-Apr-60	11.18
Old Brahmaputra	SW225	Jamalpur	11-Apr-60	11.18
Old Brahmaputra	SW225	Jamalpur	12-Apr-60	11.18

Old Brahmaputra	SW225	Jamalpur	13-Apr-60	11.18
Old Brahmaputra	SW225	Jamalpur	14-Apr-60	11.18
Old Brahmaputra	SW225	Jamalpur	15-Apr-60	11.18
Old Brahmaputra	SW225	Jamalpur	16-Apr-60	11.16
Old Brahmaputra	SW225	Jamalpur	17-Apr-60	11.16
Old Brahmaputra	SW225	Jamalpur	18-Apr-60	11.16
Old Brahmaputra	SW225	Jamalpur	19-Apr-60	11.15
Old Brahmaputra	SW225	Jamalpur	20-Apr-60	11.15
Old Brahmaputra	SW225	Jamalpur	21-Apr-60	11.15
Old Brahmaputra	SW225	Jamalpur	22-Apr-60	11.13
Old Brahmaputra	SW225	Jamalpur	23-Apr-60	11.14
Old Brahmaputra	SW225	Jamalpur	24-Apr-60	11.16
Old Brahmaputra	SW225	Jamalpur	25-Apr-60	11.16
Old Brahmaputra	SW225	Jamalpur	26-Apr-60	11.28
Old Brahmaputra	SW225	Jamalpur	27-Apr-60	12.05
Old Brahmaputra	SW225	Jamalpur	28-Apr-60	12.27
Old Brahmaputra	SW225	Jamalpur	29-Apr-60	12.21
Old Brahmaputra	SW225	Jamalpur	30-Apr-60	12.11
Old Brahmaputra	SW225	Jamalpur	01-May-60	11.98
Old Brahmaputra	SW225	Jamalpur	02-May-60	11.89
Old Brahmaputra	SW225	Jamalpur	03-May-60	11.8
Old Brahmaputra	SW225	Jamalpur	04-May-60	11.73
Old Brahmaputra	SW225	Jamalpur	05-May-60	11.7
Old Brahmaputra	SW225	Jamalpur	06-May-60	11.66
Old Brahmaputra	SW225	Jamalpur	07-May-60	11.65
Old Brahmaputra	SW225	Jamalpur	08-May-60	11.64
Old Brahmaputra	SW225	Jamalpur	09-May-60	11.6
Old Brahmaputra	SW225	Jamalpur	10-May-60	11.59
Old Brahmaputra	SW225	Jamalpur	11-May-60	11.57
Old Brahmaputra	SW225	Jamalpur	12-May-60	11.57
Old Brahmaputra	SW225	Jamalpur	13-May-60	11.57
Old Brahmaputra	SW225	Jamalpur	14-May-60	11.6
Old Brahmaputra	SW225	Jamalpur	15-May-60	11.66
Old Brahmaputra	SW225	Jamalpur	16-May-60	11.8
Old Brahmaputra	SW225	Jamalpur	17-May-60	11.92
Old Brahmaputra	SW225	Jamalpur	18-May-60	11.98
Old Brahmaputra	SW225	Jamalpur	19-May-60	11.97
Old Brahmaputra	SW225	Jamalpur	20-May-60	11.95
Old Brahmaputra	SW225	Jamalpur	21-May-60	11.95
Old Brahmaputra	SW225	Jamalpur	22-May-60	11.95
Old Brahmaputra	SW225	Jamalpur	23-May-60	11.98
Old Brahmaputra	SW225	Jamalpur	24-May-60	12.02
Old Brahmaputra	SW225	Jamalpur	25-May-60	12.11
Old Brahmaputra	SW225	Jamalpur	26-May-60	12.24
Old Brahmaputra	SW225	Jamalpur	27-May-60	12.61
Old Brahmaputra	SW225	Jamalpur	28-May-60	12.78
Old Brahmaputra	SW225	Jamalpur	29-May-60	12.89
Old Brahmaputra	SW225	Jamalpur	30-May-60	12.94
Old Brahmaputra	SW225	Jamalpur	31-May-60	13.06
Old Brahmaputra	SW225	Jamalpur	01-Jun-60	13.27

Old Brahmaputra	SW225	Jamalpur	02-Jun-60	13.61
Old Brahmaputra	SW225	Jamalpur	03-Jun-60	14.02
Old Brahmaputra	SW225	Jamalpur	04-Jun-60	14.35
Old Brahmaputra	SW225	Jamalpur	05-Jun-60	14.78
Old Brahmaputra	SW225	Jamalpur	06-Jun-60	14.86
Old Brahmaputra	SW225	Jamalpur	07-Jun-60	14.83
Old Brahmaputra	SW225	Jamalpur	08-Jun-60	14.74
Old Brahmaputra	SW225	Jamalpur	09-Jun-60	14.66
Old Brahmaputra	SW225	Jamalpur	10-Jun-60	14.59
Old Brahmaputra	SW225	Jamalpur	11-Jun-60	14.47
Old Brahmaputra	SW225	Jamalpur	12-Jun-60	14.33
Old Brahmaputra	SW225	Jamalpur	13-Jun-60	14.16
Old Brahmaputra	SW225	Jamalpur	14-Jun-60	14.02
Old Brahmaputra	SW225	Jamalpur	15-Jun-60	13.97
Old Brahmaputra	SW225	Jamalpur	16-Jun-60	14.22
Old Brahmaputra	SW225	Jamalpur	17-Jun-60	14.45
Old Brahmaputra	SW225	Jamalpur	18-Jun-60	14.79
Old Brahmaputra	SW225	Jamalpur	19-Jun-60	14.91
Old Brahmaputra	SW225	Jamalpur	20-Jun-60	15.23
Old Brahmaputra	SW225	Jamalpur	21-Jun-60	15.26
Old Brahmaputra	SW225	Jamalpur	22-Jun-60	15.24
Old Brahmaputra	SW225	Jamalpur	23-Jun-60	15.18
Old Brahmaputra	SW225	Jamalpur	24-Jun-60	15.12
Old Brahmaputra	SW225	Jamalpur	25-Jun-60	15.03
Old Brahmaputra	SW225	Jamalpur	26-Jun-60	14.97
Old Brahmaputra	SW225	Jamalpur	27-Jun-60	14.94
Old Brahmaputra	SW225	Jamalpur	28-Jun-60	14.95
Old Brahmaputra	SW225	Jamalpur	29-Jun-60	14.95
Old Brahmaputra	SW225	Jamalpur	30-Jun-60	14.99
Old Brahmaputra	SW225	Jamalpur	01-Jul-60	15.12
Old Brahmaputra	SW225	Jamalpur	02-Jul-60	15.24
Old Brahmaputra	SW225	Jamalpur	03-Jul-60	15.31
Old Brahmaputra	SW225	Jamalpur	04-Jul-60	15.35
Old Brahmaputra	SW225	Jamalpur	05-Jul-60	15.34
Old Brahmaputra	SW225	Jamalpur	06-Jul-60	15.32
Old Brahmaputra	SW225	Jamalpur	07-Jul-60	15.26
Old Brahmaputra	SW225	Jamalpur	08-Jul-60	15.19
Old Brahmaputra	SW225	Jamalpur	09-Jul-60	15.18
Old Brahmaputra	SW225	Jamalpur	10-Jul-60	15.38
Old Brahmaputra	SW225	Jamalpur	11-Jul-60	15.53
Old Brahmaputra	SW225	Jamalpur	12-Jul-60	15.64
Old Brahmaputra	SW225	Jamalpur	13-Jul-60	15.75
Old Brahmaputra	SW225	Jamalpur	14-Jul-60	15.86
Old Brahmaputra	SW225	Jamalpur	15-Jul-60	15.97
Old Brahmaputra	SW225	Jamalpur	16-Jul-60	16.05
Old Brahmaputra	SW225	Jamalpur	17-Jul-60	16.13
Old Brahmaputra	SW225	Jamalpur	18-Jul-60	16.2
Old Brahmaputra	SW225	Jamalpur	19-Jul-60	16.23
Old Brahmaputra	SW225	Jamalpur	20-Jul-60	16.25
Old Brahmaputra	SW225	Jamalpur	21-Jul-60	16.29

Old Brahmaputra	SW225	Jamalpur	22-Jul-60	16.33
Old Brahmaputra	SW225	Jamalpur	23-Jul-60	16.42
Old Brahmaputra	SW225	Jamalpur	24-Jul-60	16.51
Old Brahmaputra	SW225	Jamalpur	25-Jul-60	16.57
Old Brahmaputra	SW225	Jamalpur	26-Jul-60	16.56
Old Brahmaputra	SW225	Jamalpur	27-Jul-60	16.49
Old Brahmaputra	SW225	Jamalpur	28-Jul-60	16.41
Old Brahmaputra	SW225	Jamalpur	29-Jul-60	16.31
Old Brahmaputra	SW225	Jamalpur	30-Jul-60	16.2
Old Brahmaputra	SW225	Jamalpur	31-Jul-60	16.09
Old Brahmaputra	SW225	Jamalpur	01-Aug-60	16.01
Old Brahmaputra	SW225	Jamalpur	02-Aug-60	15.91
Old Brahmaputra	SW225	Jamalpur	03-Aug-60	15.9
Old Brahmaputra	SW225	Jamalpur	04-Aug-60	15.9
Old Brahmaputra	SW225	Jamalpur	05-Aug-60	15.91
Old Brahmaputra	SW225	Jamalpur	06-Aug-60	16
Old Brahmaputra	SW225	Jamalpur	07-Aug-60	16.04
Old Brahmaputra	SW225	Jamalpur	08-Aug-60	16.07
Old Brahmaputra	SW225	Jamalpur	09-Aug-60	16.08
Old Brahmaputra	SW225	Jamalpur	10-Aug-60	16.08
Old Brahmaputra	SW225	Jamalpur	11-Aug-60	16.07
Old Brahmaputra	SW225	Jamalpur	12-Aug-60	16.02
Old Brahmaputra	SW225	Jamalpur	13-Aug-60	15.96
Old Brahmaputra	SW225	Jamalpur	14-Aug-60	15.89
Old Brahmaputra	SW225	Jamalpur	15-Aug-60	15.79
Old Brahmaputra	SW225	Jamalpur	16-Aug-60	15.72
Old Brahmaputra	SW225	Jamalpur	17-Aug-60	15.64
Old Brahmaputra	SW225	Jamalpur	18-Aug-60	15.56
Old Brahmaputra	SW225	Jamalpur	19-Aug-60	15.45
Old Brahmaputra	SW225	Jamalpur	20-Aug-60	15.38
Old Brahmaputra	SW225	Jamalpur	21-Aug-60	15.31
Old Brahmaputra	SW225	Jamalpur	22-Aug-60	15.25
Old Brahmaputra	SW225	Jamalpur	23-Aug-60	15.23
Old Brahmaputra	SW225	Jamalpur	24-Aug-60	15.18
Old Brahmaputra	SW225	Jamalpur	25-Aug-60	15.11
Old Brahmaputra	SW225	Jamalpur	26-Aug-60	15.04
Old Brahmaputra	SW225	Jamalpur	27-Aug-60	14.96
Old Brahmaputra	SW225	Jamalpur	28-Aug-60	14.89
Old Brahmaputra	SW225	Jamalpur	29-Aug-60	14.9
Old Brahmaputra	SW225	Jamalpur	30-Aug-60	15.02
Old Brahmaputra	SW225	Jamalpur	31-Aug-60	15.16
Old Brahmaputra	SW225	Jamalpur	01-Sep-60	15.4
Old Brahmaputra	SW225	Jamalpur	02-Sep-60	15.6
Old Brahmaputra	SW225	Jamalpur	03-Sep-60	15.75
Old Brahmaputra	SW225	Jamalpur	04-Sep-60	15.92
Old Brahmaputra	SW225	Jamalpur	05-Sep-60	16.03
Old Brahmaputra	SW225	Jamalpur	06-Sep-60	16.14
Old Brahmaputra	SW225	Jamalpur	07-Sep-60	16.22
Old Brahmaputra	SW225	Jamalpur	08-Sep-60	16.24
Old Brahmaputra	SW225	Jamalpur	09-Sep-60	16.25

Old Brahmaputra	SW225	Jamalpur	10-Sep-60	16.23
Old Brahmaputra	SW225	Jamalpur	11-Sep-60	16.19
Old Brahmaputra	SW225	Jamalpur	12-Sep-60	16.14
Old Brahmaputra	SW225	Jamalpur	13-Sep-60	16.08
Old Brahmaputra	SW225	Jamalpur	14-Sep-60	16.08
Old Brahmaputra	SW225	Jamalpur	15-Sep-60	16.19
Old Brahmaputra	SW225	Jamalpur	16-Sep-60	16.38
Old Brahmaputra	SW225	Jamalpur	17-Sep-60	16.29
Old Brahmaputra	SW225	Jamalpur	18-Sep-60	16.75
Old Brahmaputra	SW225	Jamalpur	19-Sep-60	16.84
Old Brahmaputra	SW225	Jamalpur	20-Sep-60	16.84
Old Brahmaputra	SW225	Jamalpur	21-Sep-60	16.81
Old Brahmaputra	SW225	Jamalpur	22-Sep-60	16.75
Old Brahmaputra	SW225	Jamalpur	23-Sep-60	16.68
Old Brahmaputra	SW225	Jamalpur	24-Sep-60	16.56
Old Brahmaputra	SW225	Jamalpur	25-Sep-60	16.42
Old Brahmaputra	SW225	Jamalpur	26-Sep-60	16.24
Old Brahmaputra	SW225	Jamalpur	27-Sep-60	16.05
Old Brahmaputra	SW225	Jamalpur	28-Sep-60	15.91
Old Brahmaputra	SW225	Jamalpur	29-Sep-60	15.81
Old Brahmaputra	SW225	Jamalpur	30-Sep-60	15.72
Old Brahmaputra	SW225	Jamalpur	01-Oct-60	15.68
Old Brahmaputra	SW225	Jamalpur	02-Oct-60	15.53
Old Brahmaputra	SW225	Jamalpur	03-Oct-60	15.4
Old Brahmaputra	SW225	Jamalpur	04-Oct-60	15.33
Old Brahmaputra	SW225	Jamalpur	05-Oct-60	15.2
Old Brahmaputra	SW225	Jamalpur	06-Oct-60	15.09
Old Brahmaputra	SW225	Jamalpur	07-Oct-60	14.97
Old Brahmaputra	SW225	Jamalpur	08-Oct-60	14.81
Old Brahmaputra	SW225	Jamalpur	09-Oct-60	14.65
Old Brahmaputra	SW225	Jamalpur	10-Oct-60	14.49
Old Brahmaputra	SW225	Jamalpur	11-Oct-60	14.35
Old Brahmaputra	SW225	Jamalpur	12-Oct-60	14.22
Old Brahmaputra	SW225	Jamalpur	13-Oct-60	14.11
Old Brahmaputra	SW225	Jamalpur	14-Oct-60	14.02
Old Brahmaputra	SW225	Jamalpur	15-Oct-60	13.98
Old Brahmaputra	SW225	Jamalpur	16-Oct-60	13.95
Old Brahmaputra	SW225	Jamalpur	17-Oct-60	13.93
Old Brahmaputra	SW225	Jamalpur	18-Oct-60	13.93
Old Brahmaputra	SW225	Jamalpur	19-Oct-60	13.91
Old Brahmaputra	SW225	Jamalpur	20-Oct-60	13.85
Old Brahmaputra	SW225	Jamalpur	21-Oct-60	13.76
Old Brahmaputra	SW225	Jamalpur	22-Oct-60	13.66
Old Brahmaputra	SW225	Jamalpur	23-Oct-60	13.56
Old Brahmaputra	SW225	Jamalpur	24-Oct-60	13.48
Old Brahmaputra	SW225	Jamalpur	25-Oct-60	13.39
Old Brahmaputra	SW225	Jamalpur	26-Oct-60	13.31
Old Brahmaputra	SW225	Jamalpur	27-Oct-60	13.23
Old Brahmaputra	SW225	Jamalpur	28-Oct-60	13.13
Old Brahmaputra	SW225	Jamalpur	29-Oct-60	13.08

Old Brahmaputra	SW225	Jamalpur	30-Oct-60	13.02
Old Brahmaputra	SW225	Jamalpur	31-Oct-60	12.98
Old Brahmaputra	SW225	Jamalpur	01-Nov-60	12.93
Old Brahmaputra	SW225	Jamalpur	02-Nov-60	12.86
Old Brahmaputra	SW225	Jamalpur	03-Nov-60	12.82
Old Brahmaputra	SW225	Jamalpur	04-Nov-60	12.76
Old Brahmaputra	SW225	Jamalpur	05-Nov-60	12.72
Old Brahmaputra	SW225	Jamalpur	06-Nov-60	12.68
Old Brahmaputra	SW225	Jamalpur	07-Nov-60	12.63
Old Brahmaputra	SW225	Jamalpur	08-Nov-60	12.6
Old Brahmaputra	SW225	Jamalpur	09-Nov-60	12.57
Old Brahmaputra	SW225	Jamalpur	10-Nov-60	12.55
Old Brahmaputra	SW225	Jamalpur	11-Nov-60	12.51
Old Brahmaputra	SW225	Jamalpur	12-Nov-60	12.48
Old Brahmaputra	SW225	Jamalpur	13-Nov-60	12.43
Old Brahmaputra	SW225	Jamalpur	14-Nov-60	12.4
Old Brahmaputra	SW225	Jamalpur	15-Nov-60	12.37
Old Brahmaputra	SW225	Jamalpur	16-Nov-60	12.32
Old Brahmaputra	SW225	Jamalpur	17-Nov-60	12.28
Old Brahmaputra	SW225	Jamalpur	18-Nov-60	12.23
Old Brahmaputra	SW225	Jamalpur	19-Nov-60	12.22
Old Brahmaputra	SW225	Jamalpur	20-Nov-60	12.19
Old Brahmaputra	SW225	Jamalpur	21-Nov-60	12.16
Old Brahmaputra	SW225	Jamalpur	22-Nov-60	12.13
Old Brahmaputra	SW225	Jamalpur	23-Nov-60	12.1
Old Brahmaputra	SW225	Jamalpur	24-Nov-60	12.08
Old Brahmaputra	SW225	Jamalpur	25-Nov-60	12.05
Old Brahmaputra	SW225	Jamalpur	26-Nov-60	12.03
Old Brahmaputra	SW225	Jamalpur	27-Nov-60	12.01
Old Brahmaputra	SW225	Jamalpur	28-Nov-60	11.98
Old Brahmaputra	SW225	Jamalpur	29-Nov-60	11.97
Old Brahmaputra	SW225	Jamalpur	30-Nov-60	11.95
Old Brahmaputra	SW225	Jamalpur	01-Dec-60	11.94
Old Brahmaputra	SW225	Jamalpur	02-Dec-60	11.92
Old Brahmaputra	SW225	Jamalpur	03-Dec-60	11.9
Old Brahmaputra	SW225	Jamalpur	04-Dec-60	11.89
Old Brahmaputra	SW225	Jamalpur	05-Dec-60	11.88
Old Brahmaputra	SW225	Jamalpur	06-Dec-60	11.86
Old Brahmaputra	SW225	Jamalpur	07-Dec-60	11.86
Old Brahmaputra	SW225	Jamalpur	08-Dec-60	11.85
Old Brahmaputra	SW225	Jamalpur	09-Dec-60	11.85
Old Brahmaputra	SW225	Jamalpur	10-Dec-60	11.83
Old Brahmaputra	SW225	Jamalpur	11-Dec-60	11.82
Old Brahmaputra	SW225	Jamalpur	12-Dec-60	11.81
Old Brahmaputra	SW225	Jamalpur	13-Dec-60	11.8
Old Brahmaputra	SW225	Jamalpur	14-Dec-60	11.8
Old Brahmaputra	SW225	Jamalpur	15-Dec-60	11.78
Old Brahmaputra	SW225	Jamalpur	16-Dec-60	11.78
Old Brahmaputra	SW225	Jamalpur	17-Dec-60	11.77
Old Brahmaputra	SW225	Jamalpur	18-Dec-60	11.76

Old Brahmaputra	SW225	Jamalpur	19-Dec-60	11.73
Old Brahmaputra	SW225	Jamalpur	20-Dec-60	11.73
Old Brahmaputra	SW225	Jamalpur	21-Dec-60	11.73
Old Brahmaputra	SW225	Jamalpur	22-Dec-60	11.72
Old Brahmaputra	SW225	Jamalpur	23-Dec-60	11.7
Old Brahmaputra	SW225	Jamalpur	24-Dec-60	11.7
Old Brahmaputra	SW225	Jamalpur	25-Dec-60	11.7
Old Brahmaputra	SW225	Jamalpur	26-Dec-60	11.69
Old Brahmaputra	SW225	Jamalpur	27-Dec-60	11.69
Old Brahmaputra	SW225	Jamalpur	28-Dec-60	11.68
Old Brahmaputra	SW225	Jamalpur	29-Dec-60	11.68
Old Brahmaputra	SW225	Jamalpur	30-Dec-60	11.66
Old Brahmaputra	SW225	Jamalpur	31-Dec-60	11.66
Old Brahmaputra	SW225	Jamalpur	01-Jan-61	11.66
Old Brahmaputra	SW225	Jamalpur	02-Jan-61	11.65
Old Brahmaputra	SW225	Jamalpur	03-Jan-61	11.65
Old Brahmaputra	SW225	Jamalpur	04-Jan-61	11.65
Old Brahmaputra	SW225	Jamalpur	05-Jan-61	11.63
Old Brahmaputra	SW225	Jamalpur	06-Jan-61	11.63
Old Brahmaputra	SW225	Jamalpur	07-Jan-61	11.63
Old Brahmaputra	SW225	Jamalpur	08-Jan-61	11.61
Old Brahmaputra	SW225	Jamalpur	09-Jan-61	11.61
Old Brahmaputra	SW225	Jamalpur	10-Jan-61	11.61
Old Brahmaputra	SW225	Jamalpur	11-Jan-61	11.61
Old Brahmaputra	SW225	Jamalpur	12-Jan-61	11.61
Old Brahmaputra	SW225	Jamalpur	13-Jan-61	11.6
Old Brahmaputra	SW225	Jamalpur	14-Jan-61	11.6
Old Brahmaputra	SW225	Jamalpur	15-Jan-61	11.59
Old Brahmaputra	SW225	Jamalpur	16-Jan-61	11.59
Old Brahmaputra	SW225	Jamalpur	17-Jan-61	11.58
Old Brahmaputra	SW225	Jamalpur	18-Jan-61	11.57
Old Brahmaputra	SW225	Jamalpur	19-Jan-61	11.57
Old Brahmaputra	SW225	Jamalpur	20-Jan-61	11.56
Old Brahmaputra	SW225	Jamalpur	21-Jan-61	11.56
Old Brahmaputra	SW225	Jamalpur	22-Jan-61	11.56
Old Brahmaputra	SW225	Jamalpur	23-Jan-61	11.55
Old Brahmaputra	SW225	Jamalpur	24-Jan-61	11.54
Old Brahmaputra	SW225	Jamalpur	25-Jan-61	11.54
Old Brahmaputra	SW225	Jamalpur	26-Jan-61	11.54
Old Brahmaputra	SW225	Jamalpur	27-Jan-61	11.52
Old Brahmaputra	SW225	Jamalpur	28-Jan-61	11.52
Old Brahmaputra	SW225	Jamalpur	29-Jan-61	11.52
Old Brahmaputra	SW225	Jamalpur	30-Jan-61	11.52
Old Brahmaputra	SW225	Jamalpur	31-Jan-61	11.51
Old Brahmaputra	SW225	Jamalpur	01-Feb-61	11.51
Old Brahmaputra	SW225	Jamalpur	02-Feb-61	11.51
Old Brahmaputra	SW225	Jamalpur	03-Feb-61	11.51
Old Brahmaputra	SW225	Jamalpur	04-Feb-61	11.51
Old Brahmaputra	SW225	Jamalpur	05-Feb-61	11.51
Old Brahmaputra	SW225	Jamalpur	06-Feb-61	11.51

Old Brahmaputra	SW225	Jamalpur	07-Feb-61	11.51
Old Brahmaputra	SW225	Jamalpur	08-Feb-61	11.51
Old Brahmaputra	SW225	Jamalpur	09-Feb-61	11.51
Old Brahmaputra	SW225	Jamalpur	10-Feb-61	11.49
Old Brahmaputra	SW225	Jamalpur	11-Feb-61	11.49
Old Brahmaputra	SW225	Jamalpur	12-Feb-61	11.49
Old Brahmaputra	SW225	Jamalpur	13-Feb-61	11.49
Old Brahmaputra	SW225	Jamalpur	14-Feb-61	11.48
Old Brahmaputra	SW225	Jamalpur	15-Feb-61	11.48
Old Brahmaputra	SW225	Jamalpur	16-Feb-61	11.48
Old Brahmaputra	SW225	Jamalpur	17-Feb-61	11.47
Old Brahmaputra	SW225	Jamalpur	18-Feb-61	11.47
Old Brahmaputra	SW225	Jamalpur	19-Feb-61	11.45
Old Brahmaputra	SW225	Jamalpur	20-Feb-61	11.45
Old Brahmaputra	SW225	Jamalpur	21-Feb-61	11.45
Old Brahmaputra	SW225	Jamalpur	22-Feb-61	11.45
Old Brahmaputra	SW225	Jamalpur	23-Feb-61	11.44
Old Brahmaputra	SW225	Jamalpur	24-Feb-61	11.44
Old Brahmaputra	SW225	Jamalpur	25-Feb-61	11.44
Old Brahmaputra	SW225	Jamalpur	26-Feb-61	11.44
Old Brahmaputra	SW225	Jamalpur	27-Feb-61	11.41
Old Brahmaputra	SW225	Jamalpur	28-Feb-61	11.41
Old Brahmaputra	SW225	Jamalpur	01-Mar-61	11.41
Old Brahmaputra	SW225	Jamalpur	02-Mar-61	11.41
Old Brahmaputra	SW225	Jamalpur	03-Mar-61	11.41
Old Brahmaputra	SW225	Jamalpur	04-Mar-61	11.41
Old Brahmaputra	SW225	Jamalpur	05-Mar-61	11.4
Old Brahmaputra	SW225	Jamalpur	06-Mar-61	11.44
Old Brahmaputra	SW225	Jamalpur	07-Mar-61	11.43
Old Brahmaputra	SW225	Jamalpur	08-Mar-61	11.41
Old Brahmaputra	SW225	Jamalpur	09-Mar-61	11.41
Old Brahmaputra	SW225	Jamalpur	10-Mar-61	11.4
Old Brahmaputra	SW225	Jamalpur	11-Mar-61	11.4
Old Brahmaputra	SW225	Jamalpur	12-Mar-61	11.39
Old Brahmaputra	SW225	Jamalpur	13-Mar-61	11.39
Old Brahmaputra	SW225	Jamalpur	14-Mar-61	11.39
Old Brahmaputra	SW225	Jamalpur	15-Mar-61	11.37
Old Brahmaputra	SW225	Jamalpur	16-Mar-61	11.45
Old Brahmaputra	SW225	Jamalpur	17-Mar-61	11.47
Old Brahmaputra	SW225	Jamalpur	18-Mar-61	11.48
Old Brahmaputra	SW225	Jamalpur	19-Mar-61	11.47
Old Brahmaputra	SW225	Jamalpur	20-Mar-61	11.41
Old Brahmaputra	SW225	Jamalpur	21-Mar-61	11.41
Old Brahmaputra	SW225	Jamalpur	22-Mar-61	11.41
Old Brahmaputra	SW225	Jamalpur	23-Mar-61	11.4
Old Brahmaputra	SW225	Jamalpur	24-Mar-61	11.39
Old Brahmaputra	SW225	Jamalpur	25-Mar-61	11.37
Old Brahmaputra	SW225	Jamalpur	26-Mar-61	11.36
Old Brahmaputra	SW225	Jamalpur	27-Mar-61	11.35
Old Brahmaputra	SW225	Jamalpur	28-Mar-61	11.37

Old Brahmaputra	SW225	Jamalpur	29-Mar-61	11.52
Old Brahmaputra	SW225	Jamalpur	30-Mar-61	11.6
Old Brahmaputra	SW225	Jamalpur	31-Mar-61	11.61
Old Brahmaputra	SW225	Jamalpur	01-Apr-61	11.61
Old Brahmaputra	SW225	Jamalpur	02-Apr-61	11.6
Old Brahmaputra	SW225	Jamalpur	03-Apr-61	11.59
Old Brahmaputra	SW225	Jamalpur	04-Apr-61	11.61
Old Brahmaputra	SW225	Jamalpur	05-Apr-61	11.65
Old Brahmaputra	SW225	Jamalpur	06-Apr-61	11.63
Old Brahmaputra	SW225	Jamalpur	07-Apr-61	11.61
Old Brahmaputra	SW225	Jamalpur	08-Apr-61	11.56
Old Brahmaputra	SW225	Jamalpur	09-Apr-61	11.53
Old Brahmaputra	SW225	Jamalpur	10-Apr-61	11.51
Old Brahmaputra	SW225	Jamalpur	11-Apr-61	11.48
Old Brahmaputra	SW225	Jamalpur	12-Apr-61	11.47
Old Brahmaputra	SW225	Jamalpur	13-Apr-61	11.45
Old Brahmaputra	SW225	Jamalpur	14-Apr-61	11.45
Old Brahmaputra	SW225	Jamalpur	15-Apr-61	11.44
Old Brahmaputra	SW225	Jamalpur	16-Apr-61	11.43
Old Brahmaputra	SW225	Jamalpur	17-Apr-61	11.41
Old Brahmaputra	SW225	Jamalpur	18-Apr-61	11.43
Old Brahmaputra	SW225	Jamalpur	19-Apr-61	11.48
Old Brahmaputra	SW225	Jamalpur	20-Apr-61	11.52
Old Brahmaputra	SW225	Jamalpur	21-Apr-61	11.52
Old Brahmaputra	SW225	Jamalpur	22-Apr-61	11.52
Old Brahmaputra	SW225	Jamalpur	23-Apr-61	11.52
Old Brahmaputra	SW225	Jamalpur	24-Apr-61	11.52
Old Brahmaputra	SW225	Jamalpur	25-Apr-61	11.56
Old Brahmaputra	SW225	Jamalpur	26-Apr-61	11.64
Old Brahmaputra	SW225	Jamalpur	27-Apr-61	11.69
Old Brahmaputra	SW225	Jamalpur	28-Apr-61	11.69
Old Brahmaputra	SW225	Jamalpur	29-Apr-61	11.68
Old Brahmaputra	SW225	Jamalpur	30-Apr-61	11.78
Old Brahmaputra	SW225	Jamalpur	01-May-61	12.39
Old Brahmaputra	SW225	Jamalpur	02-May-61	12.56
Old Brahmaputra	SW225	Jamalpur	03-May-61	12.57
Old Brahmaputra	SW225	Jamalpur	04-May-61	12.5
Old Brahmaputra	SW225	Jamalpur	05-May-61	12.41
Old Brahmaputra	SW225	Jamalpur	06-May-61	12.38
Old Brahmaputra	SW225	Jamalpur	07-May-61	12.36
Old Brahmaputra	SW225	Jamalpur	08-May-61	12.4
Old Brahmaputra	SW225	Jamalpur	09-May-61	12.54
Old Brahmaputra	SW225	Jamalpur	10-May-61	12.57
Old Brahmaputra	SW225	Jamalpur	11-May-61	12.55
Old Brahmaputra	SW225	Jamalpur	12-May-61	12.48
Old Brahmaputra	SW225	Jamalpur	13-May-61	12.43
Old Brahmaputra	SW225	Jamalpur	14-May-61	12.41
Old Brahmaputra	SW225	Jamalpur	15-May-61	12.43
Old Brahmaputra	SW225	Jamalpur	16-May-61	12.48
Old Brahmaputra	SW225	Jamalpur	17-May-61	12.59

Old Brahmaputra	SW225	Jamalpur	18-May-61	12.75
Old Brahmaputra	SW225	Jamalpur	19-May-61	12.86
Old Brahmaputra	SW225	Jamalpur	20-May-61	12.88
Old Brahmaputra	SW225	Jamalpur	21-May-61	12.86
Old Brahmaputra	SW225	Jamalpur	22-May-61	13.01
Old Brahmaputra	SW225	Jamalpur	23-May-61	13.31
Old Brahmaputra	SW225	Jamalpur	24-May-61	13.86
Old Brahmaputra	SW225	Jamalpur	25-May-61	14.26
Old Brahmaputra	SW225	Jamalpur	26-May-61	14.37
Old Brahmaputra	SW225	Jamalpur	27-May-61	14.36
Old Brahmaputra	SW225	Jamalpur	28-May-61	14.25
Old Brahmaputra	SW225	Jamalpur	29-May-61	14.15
Old Brahmaputra	SW225	Jamalpur	30-May-61	14.11
Old Brahmaputra	SW225	Jamalpur	31-May-61	14.09
Old Brahmaputra	SW225	Jamalpur	01-Jun-61	14.07
Old Brahmaputra	SW225	Jamalpur	02-Jun-61	14.06
Old Brahmaputra	SW225	Jamalpur	03-Jun-61	14.2
Old Brahmaputra	SW225	Jamalpur	04-Jun-61	14.4
Old Brahmaputra	SW225	Jamalpur	05-Jun-61	14.72
Old Brahmaputra	SW225	Jamalpur	06-Jun-61	14.95
Old Brahmaputra	SW225	Jamalpur	07-Jun-61	15.02
Old Brahmaputra	SW225	Jamalpur	08-Jun-61	14.95
Old Brahmaputra	SW225	Jamalpur	09-Jun-61	14.88
Old Brahmaputra	SW225	Jamalpur	10-Jun-61	14.75
Old Brahmaputra	SW225	Jamalpur	11-Jun-61	14.64
Old Brahmaputra	SW225	Jamalpur	12-Jun-61	14.57
Old Brahmaputra	SW225	Jamalpur	13-Jun-61	14.49
Old Brahmaputra	SW225	Jamalpur	14-Jun-61	14.44
Old Brahmaputra	SW225	Jamalpur	15-Jun-61	14.43
Old Brahmaputra	SW225	Jamalpur	16-Jun-61	14.47
Old Brahmaputra	SW225	Jamalpur	17-Jun-61	14.59
Old Brahmaputra	SW225	Jamalpur	18-Jun-61	14.71
Old Brahmaputra	SW225	Jamalpur	19-Jun-61	14.89
Old Brahmaputra	SW225	Jamalpur	20-Jun-61	15.06
Old Brahmaputra	SW225	Jamalpur	21-Jun-61	15.16
Old Brahmaputra	SW225	Jamalpur	22-Jun-61	15.18
Old Brahmaputra	SW225	Jamalpur	23-Jun-61	15.18
Old Brahmaputra	SW225	Jamalpur	24-Jun-61	15.14
Old Brahmaputra	SW225	Jamalpur	25-Jun-61	15.06
Old Brahmaputra	SW225	Jamalpur	26-Jun-61	14.94
Old Brahmaputra	SW225	Jamalpur	27-Jun-61	14.83
Old Brahmaputra	SW225	Jamalpur	28-Jun-61	14.72
Old Brahmaputra	SW225	Jamalpur	29-Jun-61	14.6
Old Brahmaputra	SW225	Jamalpur	30-Jun-61	14.47
Old Brahmaputra	SW225	Jamalpur	01-Jul-61	14.38
Old Brahmaputra	SW225	Jamalpur	02-Jul-61	14.33
Old Brahmaputra	SW225	Jamalpur	03-Jul-61	14.31
Old Brahmaputra	SW225	Jamalpur	04-Jul-61	14.31
Old Brahmaputra	SW225	Jamalpur	05-Jul-61	14.28
Old Brahmaputra	SW225	Jamalpur	06-Jul-61	14.31

Old Brahmaputra	SW225	Jamalpur	07-Jul-61	14.36
Old Brahmaputra	SW225	Jamalpur	08-Jul-61	14.41
Old Brahmaputra	SW225	Jamalpur	09-Jul-61	14.47
Old Brahmaputra	SW225	Jamalpur	10-Jul-61	14.57
Old Brahmaputra	SW225	Jamalpur	11-Jul-61	14.77
Old Brahmaputra	SW225	Jamalpur	12-Jul-61	14.95
Old Brahmaputra	SW225	Jamalpur	13-Jul-61	15.15
Old Brahmaputra	SW225	Jamalpur	14-Jul-61	15.35
Old Brahmaputra	SW225	Jamalpur	15-Jul-61	15.59
Old Brahmaputra	SW225	Jamalpur	16-Jul-61	15.76
Old Brahmaputra	SW225	Jamalpur	17-Jul-61	15.89
Old Brahmaputra	SW225	Jamalpur	18-Jul-61	16
Old Brahmaputra	SW225	Jamalpur	19-Jul-61	16.05
Old Brahmaputra	SW225	Jamalpur	20-Jul-61	16.11
Old Brahmaputra	SW225	Jamalpur	21-Jul-61	16.08
Old Brahmaputra	SW225	Jamalpur	22-Jul-61	16.05
Old Brahmaputra	SW225	Jamalpur	23-Jul-61	15.98
Old Brahmaputra	SW225	Jamalpur	24-Jul-61	15.81
Old Brahmaputra	SW225	Jamalpur	25-Jul-61	15.65
Old Brahmaputra	SW225	Jamalpur	26-Jul-61	15.48
Old Brahmaputra	SW225	Jamalpur	27-Jul-61	15.29
Old Brahmaputra	SW225	Jamalpur	28-Jul-61	15.14
Old Brahmaputra	SW225	Jamalpur	29-Jul-61	15.04
Old Brahmaputra	SW225	Jamalpur	30-Jul-61	15.05
Old Brahmaputra	SW225	Jamalpur	31-Jul-61	15.09
Old Brahmaputra	SW225	Jamalpur	01-Aug-61	15.1
Old Brahmaputra	SW225	Jamalpur	02-Aug-61	15.15
Old Brahmaputra	SW225	Jamalpur	03-Aug-61	15.21
Old Brahmaputra	SW225	Jamalpur	04-Aug-61	15.2
Old Brahmaputra	SW225	Jamalpur	05-Aug-61	15.26
Old Brahmaputra	SW225	Jamalpur	06-Aug-61	15.31
Old Brahmaputra	SW225	Jamalpur	07-Aug-61	15.35
Old Brahmaputra	SW225	Jamalpur	08-Aug-61	15.39
Old Brahmaputra	SW225	Jamalpur	09-Aug-61	15.42
Old Brahmaputra	SW225	Jamalpur	10-Aug-61	15.47
Old Brahmaputra	SW225	Jamalpur	11-Aug-61	15.55
Old Brahmaputra	SW225	Jamalpur	12-Aug-61	15.61
Old Brahmaputra	SW225	Jamalpur	13-Aug-61	15.65
Old Brahmaputra	SW225	Jamalpur	14-Aug-61	15.69
Old Brahmaputra	SW225	Jamalpur	15-Aug-61	15.73
Old Brahmaputra	SW225	Jamalpur	16-Aug-61	15.81
Old Brahmaputra	SW225	Jamalpur	17-Aug-61	15.85
Old Brahmaputra	SW225	Jamalpur	18-Aug-61	15.9
Old Brahmaputra	SW225	Jamalpur	19-Aug-61	15.96
Old Brahmaputra	SW225	Jamalpur	20-Aug-61	16
Old Brahmaputra	SW225	Jamalpur	21-Aug-61	16.03
Old Brahmaputra	SW225	Jamalpur	22-Aug-61	16.08
Old Brahmaputra	SW225	Jamalpur	23-Aug-61	16.13
Old Brahmaputra	SW225	Jamalpur	24-Aug-61	16.18
Old Brahmaputra	SW225	Jamalpur	25-Aug-61	16.21

Old Brahmaputra	SW225	Jamalpur	26-Aug-61	16.22
Old Brahmaputra	SW225	Jamalpur	27-Aug-61	16.12
Old Brahmaputra	SW225	Jamalpur	28-Aug-61	16.1
Old Brahmaputra	SW225	Jamalpur	29-Aug-61	16.06
Old Brahmaputra	SW225	Jamalpur	30-Aug-61	16.02
Old Brahmaputra	SW225	Jamalpur	31-Aug-61	15.95
Old Brahmaputra	SW225	Jamalpur	01-Sep-61	15.89
Old Brahmaputra	SW225	Jamalpur	02-Sep-61	15.83
Old Brahmaputra	SW225	Jamalpur	03-Sep-61	15.78
Old Brahmaputra	SW225	Jamalpur	04-Sep-61	15.75
Old Brahmaputra	SW225	Jamalpur	05-Sep-61	15.71
Old Brahmaputra	SW225	Jamalpur	06-Sep-61	15.64
Old Brahmaputra	SW225	Jamalpur	07-Sep-61	15.56
Old Brahmaputra	SW225	Jamalpur	08-Sep-61	15.47
Old Brahmaputra	SW225	Jamalpur	09-Sep-61	15.38
Old Brahmaputra	SW225	Jamalpur	10-Sep-61	15.22
Old Brahmaputra	SW225	Jamalpur	11-Sep-61	15.06
Old Brahmaputra	SW225	Jamalpur	12-Sep-61	14.95
Old Brahmaputra	SW225	Jamalpur	13-Sep-61	14.85
Old Brahmaputra	SW225	Jamalpur	14-Sep-61	14.76
Old Brahmaputra	SW225	Jamalpur	15-Sep-61	14.64
Old Brahmaputra	SW225	Jamalpur	16-Sep-61	14.55
Old Brahmaputra	SW225	Jamalpur	17-Sep-61	14.46
Old Brahmaputra	SW225	Jamalpur	18-Sep-61	14.4
Old Brahmaputra	SW225	Jamalpur	19-Sep-61	14.4
Old Brahmaputra	SW225	Jamalpur	20-Sep-61	14.48
Old Brahmaputra	SW225	Jamalpur	21-Sep-61	14.53
Old Brahmaputra	SW225	Jamalpur	22-Sep-61	14.63
Old Brahmaputra	SW225	Jamalpur	23-Sep-61	14.69
Old Brahmaputra	SW225	Jamalpur	24-Sep-61	14.81
Old Brahmaputra	SW225	Jamalpur	25-Sep-61	14.85
Old Brahmaputra	SW225	Jamalpur	26-Sep-61	14.82
Old Brahmaputra	SW225	Jamalpur	27-Sep-61	14.77
Old Brahmaputra	SW225	Jamalpur	28-Sep-61	14.73
Old Brahmaputra	SW225	Jamalpur	29-Sep-61	14.72
Old Brahmaputra	SW225	Jamalpur	30-Sep-61	14.74
Old Brahmaputra	SW225	Jamalpur	01-Oct-61	14.77
Old Brahmaputra	SW225	Jamalpur	02-Oct-61	14.9
Old Brahmaputra	SW225	Jamalpur	03-Oct-61	15.1
Old Brahmaputra	SW225	Jamalpur	04-Oct-61	15.11
Old Brahmaputra	SW225	Jamalpur	05-Oct-61	15.04
Old Brahmaputra	SW225	Jamalpur	06-Oct-61	14.91
Old Brahmaputra	SW225	Jamalpur	07-Oct-61	14.82
Old Brahmaputra	SW225	Jamalpur	08-Oct-61	14.74
Old Brahmaputra	SW225	Jamalpur	09-Oct-61	14.71
Old Brahmaputra	SW225	Jamalpur	10-Oct-61	14.68
Old Brahmaputra	SW225	Jamalpur	11-Oct-61	14.59
Old Brahmaputra	SW225	Jamalpur	12-Oct-61	14.48
Old Brahmaputra	SW225	Jamalpur	13-Oct-61	14.47
Old Brahmaputra	SW225	Jamalpur	14-Oct-61	14.44

Old Brahmaputra	SW225	Jamalpur	15-Oct-61	14.48
Old Brahmaputra	SW225	Jamalpur	16-Oct-61	14.56
Old Brahmaputra	SW225	Jamalpur	17-Oct-61	14.57
Old Brahmaputra	SW225	Jamalpur	18-Oct-61	14.53
Old Brahmaputra	SW225	Jamalpur	19-Oct-61	14.47
Old Brahmaputra	SW225	Jamalpur	20-Oct-61	14.35
Old Brahmaputra	SW225	Jamalpur	21-Oct-61	14.19
Old Brahmaputra	SW225	Jamalpur	22-Oct-61	14.13
Old Brahmaputra	SW225	Jamalpur	23-Oct-61	14.03
Old Brahmaputra	SW225	Jamalpur	24-Oct-61	13.95
Old Brahmaputra	SW225	Jamalpur	25-Oct-61	13.86
Old Brahmaputra	SW225	Jamalpur	26-Oct-61	13.63
Old Brahmaputra	SW225	Jamalpur	27-Oct-61	13.48
Old Brahmaputra	SW225	Jamalpur	28-Oct-61	13.43
Old Brahmaputra	SW225	Jamalpur	29-Oct-61	13.35
Old Brahmaputra	SW225	Jamalpur	30-Oct-61	13.27
Old Brahmaputra	SW225	Jamalpur	31-Oct-61	13.21
Old Brahmaputra	SW225	Jamalpur	01-Nov-61	13.11
Old Brahmaputra	SW225	Jamalpur	02-Nov-61	13.06
Old Brahmaputra	SW225	Jamalpur	03-Nov-61	13.04
Old Brahmaputra	SW225	Jamalpur	04-Nov-61	13.02
Old Brahmaputra	SW225	Jamalpur	05-Nov-61	12.97
Old Brahmaputra	SW225	Jamalpur	06-Nov-61	12.9
Old Brahmaputra	SW225	Jamalpur	07-Nov-61	12.85
Old Brahmaputra	SW225	Jamalpur	08-Nov-61	12.79
Old Brahmaputra	SW225	Jamalpur	09-Nov-61	12.79
Old Brahmaputra	SW225	Jamalpur	10-Nov-61	12.7
Old Brahmaputra	SW225	Jamalpur	11-Nov-61	12.65
Old Brahmaputra	SW225	Jamalpur	12-Nov-61	12.63
Old Brahmaputra	SW225	Jamalpur	13-Nov-61	12.61
Old Brahmaputra	SW225	Jamalpur	14-Nov-61	12.59
Old Brahmaputra	SW225	Jamalpur	15-Nov-61	12.57
Old Brahmaputra	SW225	Jamalpur	16-Nov-61	12.54
Old Brahmaputra	SW225	Jamalpur	17-Nov-61	12.47
Old Brahmaputra	SW225	Jamalpur	18-Nov-61	12.43
Old Brahmaputra	SW225	Jamalpur	19-Nov-61	12.38
Old Brahmaputra	SW225	Jamalpur	20-Nov-61	12.32
Old Brahmaputra	SW225	Jamalpur	21-Nov-61	12.29
Old Brahmaputra	SW225	Jamalpur	22-Nov-61	12.26
Old Brahmaputra	SW225	Jamalpur	23-Nov-61	12.23
Old Brahmaputra	SW225	Jamalpur	24-Nov-61	12.22
Old Brahmaputra	SW225	Jamalpur	25-Nov-61	12.18
Old Brahmaputra	SW225	Jamalpur	26-Nov-61	12.15
Old Brahmaputra	SW225	Jamalpur	27-Nov-61	12.12
Old Brahmaputra	SW225	Jamalpur	28-Nov-61	12.09
Old Brahmaputra	SW225	Jamalpur	29-Nov-61	12.06
Old Brahmaputra	SW225	Jamalpur	30-Nov-61	12.03
Old Brahmaputra	SW225	Jamalpur	01-Dec-61	12.01
Old Brahmaputra	SW225	Jamalpur	02-Dec-61	11.98
Old Brahmaputra	SW225	Jamalpur	03-Dec-61	11.96

Old Brahmaputra	SW225	Jamalpur	04-Dec-61	11.94
Old Brahmaputra	SW225	Jamalpur	05-Dec-61	11.91
Old Brahmaputra	SW225	Jamalpur	06-Dec-61	11.89
Old Brahmaputra	SW225	Jamalpur	07-Dec-61	11.86
Old Brahmaputra	SW225	Jamalpur	08-Dec-61	11.84
Old Brahmaputra	SW225	Jamalpur	09-Dec-61	11.82
Old Brahmaputra	SW225	Jamalpur	10-Dec-61	11.81
Old Brahmaputra	SW225	Jamalpur	11-Dec-61	11.79
Old Brahmaputra	SW225	Jamalpur	12-Dec-61	11.77
Old Brahmaputra	SW225	Jamalpur	13-Dec-61	11.77
Old Brahmaputra	SW225	Jamalpur	14-Dec-61	11.74
Old Brahmaputra	SW225	Jamalpur	15-Dec-61	11.73
Old Brahmaputra	SW225	Jamalpur	16-Dec-61	11.7
Old Brahmaputra	SW225	Jamalpur	17-Dec-61	11.69
Old Brahmaputra	SW225	Jamalpur	18-Dec-61	11.69
Old Brahmaputra	SW225	Jamalpur	19-Dec-61	11.67
Old Brahmaputra	SW225	Jamalpur	20-Dec-61	11.66
Old Brahmaputra	SW225	Jamalpur	21-Dec-61	11.65
Old Brahmaputra	SW225	Jamalpur	22-Dec-61	11.64
Old Brahmaputra	SW225	Jamalpur	23-Dec-61	11.64
Old Brahmaputra	SW225	Jamalpur	24-Dec-61	11.63
Old Brahmaputra	SW225	Jamalpur	25-Dec-61	11.61
Old Brahmaputra	SW225	Jamalpur	26-Dec-61	11.61
Old Brahmaputra	SW225	Jamalpur	27-Dec-61	11.6
Old Brahmaputra	SW225	Jamalpur	28-Dec-61	11.6
Old Brahmaputra	SW225	Jamalpur	29-Dec-61	11.58
Old Brahmaputra	SW225	Jamalpur	30-Dec-61	11.58
Old Brahmaputra	SW225	Jamalpur	31-Dec-61	11.58
Old Brahmaputra	SW225	Jamalpur	01-Jan-62	11.56
Old Brahmaputra	SW225	Jamalpur	02-Jan-62	11.56
Old Brahmaputra	SW225	Jamalpur	03-Jan-62	11.55
Old Brahmaputra	SW225	Jamalpur	04-Jan-62	11.55
Old Brahmaputra	SW225	Jamalpur	05-Jan-62	11.53
Old Brahmaputra	SW225	Jamalpur	06-Jan-62	11.53
Old Brahmaputra	SW225	Jamalpur	07-Jan-62	11.53
Old Brahmaputra	SW225	Jamalpur	08-Jan-62	11.52
Old Brahmaputra	SW225	Jamalpur	09-Jan-62	11.52
Old Brahmaputra	SW225	Jamalpur	10-Jan-62	11.52
Old Brahmaputra	SW225	Jamalpur	11-Jan-62	11.51
Old Brahmaputra	SW225	Jamalpur	12-Jan-62	11.51
Old Brahmaputra	SW225	Jamalpur	13-Jan-62	11.49
Old Brahmaputra	SW225	Jamalpur	14-Jan-62	11.48
Old Brahmaputra	SW225	Jamalpur	15-Jan-62	11.48
Old Brahmaputra	SW225	Jamalpur	16-Jan-62	11.48
Old Brahmaputra	SW225	Jamalpur	17-Jan-62	11.47
Old Brahmaputra	SW225	Jamalpur	18-Jan-62	11.47
Old Brahmaputra	SW225	Jamalpur	19-Jan-62	11.45
Old Brahmaputra	SW225	Jamalpur	20-Jan-62	11.45
Old Brahmaputra	SW225	Jamalpur	21-Jan-62	11.44
Old Brahmaputra	SW225	Jamalpur	22-Jan-62	11.44

Old Brahmaputra	SW225	Jamalpur	23-Jan-62	11.43
Old Brahmaputra	SW225	Jamalpur	24-Jan-62	11.43
Old Brahmaputra	SW225	Jamalpur	25-Jan-62	11.43
Old Brahmaputra	SW225	Jamalpur	26-Jan-62	11.43
Old Brahmaputra	SW225	Jamalpur	27-Jan-62	11.41
Old Brahmaputra	SW225	Jamalpur	28-Jan-62	11.41
Old Brahmaputra	SW225	Jamalpur	29-Jan-62	11.41
Old Brahmaputra	SW225	Jamalpur	30-Jan-62	11.41
Old Brahmaputra	SW225	Jamalpur	31-Jan-62	11.41
Old Brahmaputra	SW225	Jamalpur	01-Feb-62	11.41
Old Brahmaputra	SW225	Jamalpur	02-Feb-62	11.4
Old Brahmaputra	SW225	Jamalpur	03-Feb-62	11.4
Old Brahmaputra	SW225	Jamalpur	04-Feb-62	11.4
Old Brahmaputra	SW225	Jamalpur	05-Feb-62	11.4
Old Brahmaputra	SW225	Jamalpur	06-Feb-62	11.4
Old Brahmaputra	SW225	Jamalpur	07-Feb-62	11.4
Old Brahmaputra	SW225	Jamalpur	08-Feb-62	11.4
Old Brahmaputra	SW225	Jamalpur	09-Feb-62	11.4
Old Brahmaputra	SW225	Jamalpur	10-Feb-62	11.4
Old Brahmaputra	SW225	Jamalpur	11-Feb-62	11.38
Old Brahmaputra	SW225	Jamalpur	12-Feb-62	11.38
Old Brahmaputra	SW225	Jamalpur	13-Feb-62	11.38
Old Brahmaputra	SW225	Jamalpur	14-Feb-62	11.38
Old Brahmaputra	SW225	Jamalpur	15-Feb-62	11.36
Old Brahmaputra	SW225	Jamalpur	16-Feb-62	11.36
Old Brahmaputra	SW225	Jamalpur	17-Feb-62	11.36
Old Brahmaputra	SW225	Jamalpur	18-Feb-62	11.36
Old Brahmaputra	SW225	Jamalpur	19-Feb-62	11.35
Old Brahmaputra	SW225	Jamalpur	20-Feb-62	11.35
Old Brahmaputra	SW225	Jamalpur	21-Feb-62	11.34
Old Brahmaputra	SW225	Jamalpur	22-Feb-62	11.34
Old Brahmaputra	SW225	Jamalpur	23-Feb-62	11.34
Old Brahmaputra	SW225	Jamalpur	24-Feb-62	11.34
Old Brahmaputra	SW225	Jamalpur	25-Feb-62	11.32
Old Brahmaputra	SW225	Jamalpur	26-Feb-62	11.32
Old Brahmaputra	SW225	Jamalpur	27-Feb-62	11.32
Old Brahmaputra	SW225	Jamalpur	28-Feb-62	11.32
Old Brahmaputra	SW225	Jamalpur	01-Mar-62	11.31
Old Brahmaputra	SW225	Jamalpur	02-Mar-62	11.31
Old Brahmaputra	SW225	Jamalpur	03-Mar-62	11.31
Old Brahmaputra	SW225	Jamalpur	04-Mar-62	11.31
Old Brahmaputra	SW225	Jamalpur	05-Mar-62	11.31
Old Brahmaputra	SW225	Jamalpur	06-Mar-62	11.31
Old Brahmaputra	SW225	Jamalpur	07-Mar-62	11.29
Old Brahmaputra	SW225	Jamalpur	08-Mar-62	11.29
Old Brahmaputra	SW225	Jamalpur	09-Mar-62	11.29
Old Brahmaputra	SW225	Jamalpur	10-Mar-62	11.27
Old Brahmaputra	SW225	Jamalpur	11-Mar-62	11.27
Old Brahmaputra	SW225	Jamalpur	12-Mar-62	11.26
Old Brahmaputra	SW225	Jamalpur	13-Mar-62	11.26

Old Brahmaputra	SW225	Jamalpur	14-Mar-62	11.24
Old Brahmaputra	SW225	Jamalpur	15-Mar-62	11.24
Old Brahmaputra	SW225	Jamalpur	16-Mar-62	11.24
Old Brahmaputra	SW225	Jamalpur	17-Mar-62	11.24
Old Brahmaputra	SW225	Jamalpur	18-Mar-62	11.23
Old Brahmaputra	SW225	Jamalpur	19-Mar-62	11.23
Old Brahmaputra	SW225	Jamalpur	20-Mar-62	11.23
Old Brahmaputra	SW225	Jamalpur	21-Mar-62	11.22
Old Brahmaputra	SW225	Jamalpur	22-Mar-62	11.22
Old Brahmaputra	SW225	Jamalpur	23-Mar-62	11.22
Old Brahmaputra	SW225	Jamalpur	24-Mar-62	11.2
Old Brahmaputra	SW225	Jamalpur	25-Mar-62	11.2
Old Brahmaputra	SW225	Jamalpur	26-Mar-62	11.19
Old Brahmaputra	SW225	Jamalpur	27-Mar-62	11.19
Old Brahmaputra	SW225	Jamalpur	28-Mar-62	11.19
Old Brahmaputra	SW225	Jamalpur	29-Mar-62	11.19
Old Brahmaputra	SW225	Jamalpur	30-Mar-62	11.19
Old Brahmaputra	SW225	Jamalpur	31-Mar-62	11.19
Old Brahmaputra	SW225	Jamalpur	01-Apr-62	11.18
Old Brahmaputra	SW225	Jamalpur	02-Apr-62	11.16
Old Brahmaputra	SW225	Jamalpur	03-Apr-62	11.16
Old Brahmaputra	SW225	Jamalpur	04-Apr-62	11.16
Old Brahmaputra	SW225	Jamalpur	05-Apr-62	11.16
Old Brahmaputra	SW225	Jamalpur	06-Apr-62	11.16
Old Brahmaputra	SW225	Jamalpur	07-Apr-62	11.16
Old Brahmaputra	SW225	Jamalpur	08-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	09-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	10-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	11-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	12-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	13-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	14-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	15-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	16-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	17-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	18-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	19-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	20-Apr-62	11.14
Old Brahmaputra	SW225	Jamalpur	21-Apr-62	11.15
Old Brahmaputra	SW225	Jamalpur	22-Apr-62	11.19
Old Brahmaputra	SW225	Jamalpur	23-Apr-62	11.34
Old Brahmaputra	SW225	Jamalpur	24-Apr-62	11.47
Old Brahmaputra	SW225	Jamalpur	25-Apr-62	11.74
Old Brahmaputra	SW225	Jamalpur	26-Apr-62	11.82
Old Brahmaputra	SW225	Jamalpur	27-Apr-62	11.81
Old Brahmaputra	SW225	Jamalpur	28-Apr-62	11.74
Old Brahmaputra	SW225	Jamalpur	29-Apr-62	11.65
Old Brahmaputra	SW225	Jamalpur	30-Apr-62	11.6
Old Brahmaputra	SW225	Jamalpur	01-May-62	11.52
Old Brahmaputra	SW225	Jamalpur	02-May-62	11.6

Old Brahmaputra	SW225	Jamalpur	03-May-62	11.67
Old Brahmaputra	SW225	Jamalpur	04-May-62	11.8
Old Brahmaputra	SW225	Jamalpur	05-May-62	11.87
Old Brahmaputra	SW225	Jamalpur	06-May-62	11.9
Old Brahmaputra	SW225	Jamalpur	07-May-62	11.93
Old Brahmaputra	SW225	Jamalpur	08-May-62	11.99
Old Brahmaputra	SW225	Jamalpur	09-May-62	12.06
Old Brahmaputra	SW225	Jamalpur	10-May-62	12.13
Old Brahmaputra	SW225	Jamalpur	11-May-62	12.13
Old Brahmaputra	SW225	Jamalpur	12-May-62	12.35
Old Brahmaputra	SW225	Jamalpur	13-May-62	12.57
Old Brahmaputra	SW225	Jamalpur	14-May-62	12.77
Old Brahmaputra	SW225	Jamalpur	15-May-62	12.85
Old Brahmaputra	SW225	Jamalpur	16-May-62	12.94
Old Brahmaputra	SW225	Jamalpur	17-May-62	12.95
Old Brahmaputra	SW225	Jamalpur	18-May-62	12.94
Old Brahmaputra	SW225	Jamalpur	19-May-62	12.94
Old Brahmaputra	SW225	Jamalpur	20-May-62	12.85
Old Brahmaputra	SW225	Jamalpur	21-May-62	12.77
Old Brahmaputra	SW225	Jamalpur	22-May-62	12.72
Old Brahmaputra	SW225	Jamalpur	23-May-62	12.77
Old Brahmaputra	SW225	Jamalpur	24-May-62	12.98
Old Brahmaputra	SW225	Jamalpur	25-May-62	13.16
Old Brahmaputra	SW225	Jamalpur	26-May-62	13.36
Old Brahmaputra	SW225	Jamalpur	27-May-62	13.71
Old Brahmaputra	SW225	Jamalpur	28-May-62	13.97
Old Brahmaputra	SW225	Jamalpur	29-May-62	13.95
Old Brahmaputra	SW225	Jamalpur	30-May-62	13.88
Old Brahmaputra	SW225	Jamalpur	31-May-62	13.91
Old Brahmaputra	SW225	Jamalpur	01-Jun-62	13.84
Old Brahmaputra	SW225	Jamalpur	02-Jun-62	13.82
Old Brahmaputra	SW225	Jamalpur	03-Jun-62	13.92
Old Brahmaputra	SW225	Jamalpur	04-Jun-62	14.13
Old Brahmaputra	SW225	Jamalpur	05-Jun-62	14.26
Old Brahmaputra	SW225	Jamalpur	06-Jun-62	14.32
Old Brahmaputra	SW225	Jamalpur	07-Jun-62	14.39
Old Brahmaputra	SW225	Jamalpur	08-Jun-62	14.44
Old Brahmaputra	SW225	Jamalpur	09-Jun-62	14.48
Old Brahmaputra	SW225	Jamalpur	10-Jun-62	14.48
Old Brahmaputra	SW225	Jamalpur	11-Jun-62	14.56
Old Brahmaputra	SW225	Jamalpur	12-Jun-62	14.73
Old Brahmaputra	SW225	Jamalpur	13-Jun-62	14.95
Old Brahmaputra	SW225	Jamalpur	14-Jun-62	15.11
Old Brahmaputra	SW225	Jamalpur	15-Jun-62	15.22
Old Brahmaputra	SW225	Jamalpur	16-Jun-62	15.2
Old Brahmaputra	SW225	Jamalpur	17-Jun-62	15.13
Old Brahmaputra	SW225	Jamalpur	18-Jun-62	15.02
Old Brahmaputra	SW225	Jamalpur	19-Jun-62	14.89
Old Brahmaputra	SW225	Jamalpur	20-Jun-62	14.73
Old Brahmaputra	SW225	Jamalpur	21-Jun-62	14.64

Old Brahmaputra	SW225	Jamalpur	22-Jun-62	14.61
Old Brahmaputra	SW225	Jamalpur	23-Jun-62	14.63
Old Brahmaputra	SW225	Jamalpur	24-Jun-62	14.72
Old Brahmaputra	SW225	Jamalpur	25-Jun-62	14.9
Old Brahmaputra	SW225	Jamalpur	26-Jun-62	15.06
Old Brahmaputra	SW225	Jamalpur	27-Jun-62	15.25
Old Brahmaputra	SW225	Jamalpur	28-Jun-62	15.45
Old Brahmaputra	SW225	Jamalpur	29-Jun-62	15.61
Old Brahmaputra	SW225	Jamalpur	30-Jun-62	16.03
Old Brahmaputra	SW225	Jamalpur	01-Jul-62	16.38
Old Brahmaputra	SW225	Jamalpur	02-Jul-62	16.75
Old Brahmaputra	SW225	Jamalpur	03-Jul-62	17.01
Old Brahmaputra	SW225	Jamalpur	04-Jul-62	17.15
Old Brahmaputra	SW225	Jamalpur	05-Jul-62	17.24
Old Brahmaputra	SW225	Jamalpur	06-Jul-62	17.25
Old Brahmaputra	SW225	Jamalpur	07-Jul-62	17.18
Old Brahmaputra	SW225	Jamalpur	08-Jul-62	17.05
Old Brahmaputra	SW225	Jamalpur	09-Jul-62	16.89
Old Brahmaputra	SW225	Jamalpur	10-Jul-62	16.74
Old Brahmaputra	SW225	Jamalpur	11-Jul-62	16.58
Old Brahmaputra	SW225	Jamalpur	12-Jul-62	16.48
Old Brahmaputra	SW225	Jamalpur	13-Jul-62	16.4
Old Brahmaputra	SW225	Jamalpur	14-Jul-62	16.33
Old Brahmaputra	SW225	Jamalpur	15-Jul-62	16.24
Old Brahmaputra	SW225	Jamalpur	16-Jul-62	16.15
Old Brahmaputra	SW225	Jamalpur	17-Jul-62	16.04
Old Brahmaputra	SW225	Jamalpur	18-Jul-62	15.94
Old Brahmaputra	SW225	Jamalpur	19-Jul-62	15.8
Old Brahmaputra	SW225	Jamalpur	20-Jul-62	15.59
Old Brahmaputra	SW225	Jamalpur	21-Jul-62	15.46
Old Brahmaputra	SW225	Jamalpur	22-Jul-62	15.27
Old Brahmaputra	SW225	Jamalpur	23-Jul-62	15.16
Old Brahmaputra	SW225	Jamalpur	24-Jul-62	15.1
Old Brahmaputra	SW225	Jamalpur	25-Jul-62	15.03
Old Brahmaputra	SW225	Jamalpur	26-Jul-62	14.94
Old Brahmaputra	SW225	Jamalpur	27-Jul-62	14.94
Old Brahmaputra	SW225	Jamalpur	28-Jul-62	15.06
Old Brahmaputra	SW225	Jamalpur	29-Jul-62	15.19
Old Brahmaputra	SW225	Jamalpur	30-Jul-62	15.31
Old Brahmaputra	SW225	Jamalpur	31-Jul-62	15.42
Old Brahmaputra	SW225	Jamalpur	01-Aug-62	15.54
Old Brahmaputra	SW225	Jamalpur	02-Aug-62	15.67
Old Brahmaputra	SW225	Jamalpur	03-Aug-62	15.78
Old Brahmaputra	SW225	Jamalpur	04-Aug-62	15.91
Old Brahmaputra	SW225	Jamalpur	05-Aug-62	16.08
Old Brahmaputra	SW225	Jamalpur	06-Aug-62	16.17
Old Brahmaputra	SW225	Jamalpur	07-Aug-62	16.19
Old Brahmaputra	SW225	Jamalpur	08-Aug-62	16.2
Old Brahmaputra	SW225	Jamalpur	09-Aug-62	16.17
Old Brahmaputra	SW225	Jamalpur	10-Aug-62	16.17

Old Brahmaputra	SW225	Jamalpur	11-Aug-62	16.17
Old Brahmaputra	SW225	Jamalpur	12-Aug-62	16.19
Old Brahmaputra	SW225	Jamalpur	13-Aug-62	16.19
Old Brahmaputra	SW225	Jamalpur	14-Aug-62	16.19
Old Brahmaputra	SW225	Jamalpur	15-Aug-62	16.21
Old Brahmaputra	SW225	Jamalpur	16-Aug-62	16.21
Old Brahmaputra	SW225	Jamalpur	17-Aug-62	16.26
Old Brahmaputra	SW225	Jamalpur	18-Aug-62	16.33
Old Brahmaputra	SW225	Jamalpur	19-Aug-62	16.58
Old Brahmaputra	SW225	Jamalpur	20-Aug-62	16.82
Old Brahmaputra	SW225	Jamalpur	21-Aug-62	17.09
Old Brahmaputra	SW225	Jamalpur	22-Aug-62	17.31
Old Brahmaputra	SW225	Jamalpur	23-Aug-62	17.48
Old Brahmaputra	SW225	Jamalpur	24-Aug-62	17.49
Old Brahmaputra	SW225	Jamalpur	25-Aug-62	17.44
Old Brahmaputra	SW225	Jamalpur	26-Aug-62	17.36
Old Brahmaputra	SW225	Jamalpur	27-Aug-62	17.31
Old Brahmaputra	SW225	Jamalpur	28-Aug-62	17.19
Old Brahmaputra	SW225	Jamalpur	29-Aug-62	17.11
Old Brahmaputra	SW225	Jamalpur	30-Aug-62	17.05
Old Brahmaputra	SW225	Jamalpur	31-Aug-62	17.03
Old Brahmaputra	SW225	Jamalpur	01-Sep-62	16.93
Old Brahmaputra	SW225	Jamalpur	02-Sep-62	16.85
Old Brahmaputra	SW225	Jamalpur	03-Sep-62	16.76
Old Brahmaputra	SW225	Jamalpur	04-Sep-62	16.67
Old Brahmaputra	SW225	Jamalpur	05-Sep-62	16.58
Old Brahmaputra	SW225	Jamalpur	06-Sep-62	16.53
Old Brahmaputra	SW225	Jamalpur	07-Sep-62	16.47
Old Brahmaputra	SW225	Jamalpur	08-Sep-62	16.41
Old Brahmaputra	SW225	Jamalpur	09-Sep-62	16.32
Old Brahmaputra	SW225	Jamalpur	10-Sep-62	16.26
Old Brahmaputra	SW225	Jamalpur	11-Sep-62	16.19
Old Brahmaputra	SW225	Jamalpur	12-Sep-62	16.09
Old Brahmaputra	SW225	Jamalpur	13-Sep-62	15.98
Old Brahmaputra	SW225	Jamalpur	14-Sep-62	15.88
Old Brahmaputra	SW225	Jamalpur	15-Sep-62	15.73
Old Brahmaputra	SW225	Jamalpur	16-Sep-62	15.62
Old Brahmaputra	SW225	Jamalpur	17-Sep-62	15.56
Old Brahmaputra	SW225	Jamalpur	18-Sep-62	15.52
Old Brahmaputra	SW225	Jamalpur	19-Sep-62	15.51
Old Brahmaputra	SW225	Jamalpur	20-Sep-62	15.48
Old Brahmaputra	SW225	Jamalpur	21-Sep-62	15.52
Old Brahmaputra	SW225	Jamalpur	22-Sep-62	15.55
Old Brahmaputra	SW225	Jamalpur	23-Sep-62	15.56
Old Brahmaputra	SW225	Jamalpur	24-Sep-62	15.56
Old Brahmaputra	SW225	Jamalpur	25-Sep-62	15.55
Old Brahmaputra	SW225	Jamalpur	26-Sep-62	15.44
Old Brahmaputra	SW225	Jamalpur	27-Sep-62	15.24
Old Brahmaputra	SW225	Jamalpur	28-Sep-62	15.04
Old Brahmaputra	SW225	Jamalpur	29-Sep-62	14.93

Old Brahmaputra	SW225	Jamalpur	30-Sep-62	14.83
Old Brahmaputra	SW225	Jamalpur	01-Oct-62	14.72
Old Brahmaputra	SW225	Jamalpur	02-Oct-62	14.64
Old Brahmaputra	SW225	Jamalpur	03-Oct-62	14.55
Old Brahmaputra	SW225	Jamalpur	04-Oct-62	14.47
Old Brahmaputra	SW225	Jamalpur	05-Oct-62	14.39
Old Brahmaputra	SW225	Jamalpur	06-Oct-62	14.29
Old Brahmaputra	SW225	Jamalpur	07-Oct-62	14.2
Old Brahmaputra	SW225	Jamalpur	08-Oct-62	14.18
Old Brahmaputra	SW225	Jamalpur	09-Oct-62	14.14
Old Brahmaputra	SW225	Jamalpur	10-Oct-62	14.08
Old Brahmaputra	SW225	Jamalpur	11-Oct-62	14.02
Old Brahmaputra	SW225	Jamalpur	12-Oct-62	13.96
Old Brahmaputra	SW225	Jamalpur	13-Oct-62	13.91
Old Brahmaputra	SW225	Jamalpur	14-Oct-62	13.85
Old Brahmaputra	SW225	Jamalpur	15-Oct-62	13.77
Old Brahmaputra	SW225	Jamalpur	16-Oct-62	13.64
Old Brahmaputra	SW225	Jamalpur	17-Oct-62	13.48
Old Brahmaputra	SW225	Jamalpur	18-Oct-62	13.36
Old Brahmaputra	SW225	Jamalpur	19-Oct-62	13.33
Old Brahmaputra	SW225	Jamalpur	20-Oct-62	13.3
Old Brahmaputra	SW225	Jamalpur	21-Oct-62	13.27
Old Brahmaputra	SW225	Jamalpur	22-Oct-62	13.22
Old Brahmaputra	SW225	Jamalpur	23-Oct-62	13.13
Old Brahmaputra	SW225	Jamalpur	24-Oct-62	13.02
Old Brahmaputra	SW225	Jamalpur	25-Oct-62	12.95
Old Brahmaputra	SW225	Jamalpur	26-Oct-62	12.87
Old Brahmaputra	SW225	Jamalpur	27-Oct-62	12.8
Old Brahmaputra	SW225	Jamalpur	28-Oct-62	12.74
Old Brahmaputra	SW225	Jamalpur	29-Oct-62	12.7
Old Brahmaputra	SW225	Jamalpur	30-Oct-62	12.66
Old Brahmaputra	SW225	Jamalpur	31-Oct-62	12.58
Old Brahmaputra	SW225	Jamalpur	01-Nov-62	12.55
Old Brahmaputra	SW225	Jamalpur	02-Nov-62	12.51
Old Brahmaputra	SW225	Jamalpur	03-Nov-62	12.47
Old Brahmaputra	SW225	Jamalpur	04-Nov-62	12.41
Old Brahmaputra	SW225	Jamalpur	05-Nov-62	12.39
Old Brahmaputra	SW225	Jamalpur	06-Nov-62	12.35
Old Brahmaputra	SW225	Jamalpur	07-Nov-62	12.32
Old Brahmaputra	SW225	Jamalpur	08-Nov-62	12.29
Old Brahmaputra	SW225	Jamalpur	09-Nov-62	12.27
Old Brahmaputra	SW225	Jamalpur	10-Nov-62	12.27
Old Brahmaputra	SW225	Jamalpur	11-Nov-62	12.23
Old Brahmaputra	SW225	Jamalpur	12-Nov-62	12.18
Old Brahmaputra	SW225	Jamalpur	13-Nov-62	12.15
Old Brahmaputra	SW225	Jamalpur	14-Nov-62	12.12
Old Brahmaputra	SW225	Jamalpur	15-Nov-62	12.07
Old Brahmaputra	SW225	Jamalpur	16-Nov-62	12.02
Old Brahmaputra	SW225	Jamalpur	17-Nov-62	11.99
Old Brahmaputra	SW225	Jamalpur	18-Nov-62	11.99

Old Brahmaputra	SW225	Jamalpur	19-Nov-62	11.97
Old Brahmaputra	SW225	Jamalpur	20-Nov-62	11.95
Old Brahmaputra	SW225	Jamalpur	21-Nov-62	11.94
Old Brahmaputra	SW225	Jamalpur	22-Nov-62	11.94
Old Brahmaputra	SW225	Jamalpur	23-Nov-62	11.93
Old Brahmaputra	SW225	Jamalpur	24-Nov-62	11.92
Old Brahmaputra	SW225	Jamalpur	25-Nov-62	11.9
Old Brahmaputra	SW225	Jamalpur	26-Nov-62	11.89
Old Brahmaputra	SW225	Jamalpur	27-Nov-62	11.88
Old Brahmaputra	SW225	Jamalpur	28-Nov-62	11.88
Old Brahmaputra	SW225	Jamalpur	29-Nov-62	11.86
Old Brahmaputra	SW225	Jamalpur	30-Nov-62	11.85
Old Brahmaputra	SW225	Jamalpur	01-Dec-62	11.85
Old Brahmaputra	SW225	Jamalpur	02-Dec-62	11.83
Old Brahmaputra	SW225	Jamalpur	03-Dec-62	11.82
Old Brahmaputra	SW225	Jamalpur	04-Dec-62	11.81
Old Brahmaputra	SW225	Jamalpur	05-Dec-62	11.81
Old Brahmaputra	SW225	Jamalpur	06-Dec-62	11.8
Old Brahmaputra	SW225	Jamalpur	07-Dec-62	11.78
Old Brahmaputra	SW225	Jamalpur	08-Dec-62	11.78
Old Brahmaputra	SW225	Jamalpur	09-Dec-62	11.77
Old Brahmaputra	SW225	Jamalpur	10-Dec-62	11.77
Old Brahmaputra	SW225	Jamalpur	11-Dec-62	11.76
Old Brahmaputra	SW225	Jamalpur	12-Dec-62	11.76
Old Brahmaputra	SW225	Jamalpur	13-Dec-62	11.74
Old Brahmaputra	SW225	Jamalpur	14-Dec-62	11.73
Old Brahmaputra	SW225	Jamalpur	15-Dec-62	11.72
Old Brahmaputra	SW225	Jamalpur	16-Dec-62	11.72
Old Brahmaputra	SW225	Jamalpur	17-Dec-62	11.72
Old Brahmaputra	SW225	Jamalpur	18-Dec-62	11.7
Old Brahmaputra	SW225	Jamalpur	19-Dec-62	11.7
Old Brahmaputra	SW225	Jamalpur	20-Dec-62	11.69
Old Brahmaputra	SW225	Jamalpur	21-Dec-62	11.69
Old Brahmaputra	SW225	Jamalpur	22-Dec-62	11.69
Old Brahmaputra	SW225	Jamalpur	23-Dec-62	11.68
Old Brahmaputra	SW225	Jamalpur	24-Dec-62	11.68
Old Brahmaputra	SW225	Jamalpur	25-Dec-62	11.68
Old Brahmaputra	SW225	Jamalpur	26-Dec-62	11.66
Old Brahmaputra	SW225	Jamalpur	27-Dec-62	11.66
Old Brahmaputra	SW225	Jamalpur	28-Dec-62	11.65
Old Brahmaputra	SW225	Jamalpur	29-Dec-62	11.65
Old Brahmaputra	SW225	Jamalpur	30-Dec-62	11.55
Old Brahmaputra	SW225	Jamalpur	31-Dec-62	11.63
Old Brahmaputra	SW225	Jamalpur	01-Jan-63	11.63
Old Brahmaputra	SW225	Jamalpur	02-Jan-63	11.61
Old Brahmaputra	SW225	Jamalpur	03-Jan-63	11.61
Old Brahmaputra	SW225	Jamalpur	04-Jan-63	11.6
Old Brahmaputra	SW225	Jamalpur	05-Jan-63	11.6
Old Brahmaputra	SW225	Jamalpur	06-Jan-63	11.6
Old Brahmaputra	SW225	Jamalpur	07-Jan-63	11.6

Old Brahmaputra	SW225	Jamalpur	08-Jan-63	11.6
Old Brahmaputra	SW225	Jamalpur	09-Jan-63	11.59
Old Brahmaputra	SW225	Jamalpur	10-Jan-63	11.59
Old Brahmaputra	SW225	Jamalpur	11-Jan-63	11.58
Old Brahmaputra	SW225	Jamalpur	12-Jan-63	11.57
Old Brahmaputra	SW225	Jamalpur	13-Jan-63	11.57
Old Brahmaputra	SW225	Jamalpur	14-Jan-63	11.57
Old Brahmaputra	SW225	Jamalpur	15-Jan-63	11.57
Old Brahmaputra	SW225	Jamalpur	16-Jan-63	11.56
Old Brahmaputra	SW225	Jamalpur	17-Jan-63	11.56
Old Brahmaputra	SW225	Jamalpur	18-Jan-63	11.56
Old Brahmaputra	SW225	Jamalpur	19-Jan-63	11.55
Old Brahmaputra	SW225	Jamalpur	20-Jan-63	11.54
Old Brahmaputra	SW225	Jamalpur	21-Jan-63	11.54
Old Brahmaputra	SW225	Jamalpur	22-Jan-63	11.54
Old Brahmaputra	SW225	Jamalpur	23-Jan-63	11.54
Old Brahmaputra	SW225	Jamalpur	24-Jan-63	11.54
Old Brahmaputra	SW225	Jamalpur	25-Jan-63	11.54
Old Brahmaputra	SW225	Jamalpur	26-Jan-63	11.52
Old Brahmaputra	SW225	Jamalpur	27-Jan-63	11.52
Old Brahmaputra	SW225	Jamalpur	28-Jan-63	11.52
Old Brahmaputra	SW225	Jamalpur	29-Jan-63	11.52
Old Brahmaputra	SW225	Jamalpur	30-Jan-63	11.52
Old Brahmaputra	SW225	Jamalpur	31-Jan-63	11.51
Old Brahmaputra	SW225	Jamalpur	01-Feb-63	11.51
Old Brahmaputra	SW225	Jamalpur	02-Feb-63	11.51
Old Brahmaputra	SW225	Jamalpur	03-Feb-63	11.51
Old Brahmaputra	SW225	Jamalpur	04-Feb-63	11.49
Old Brahmaputra	SW225	Jamalpur	05-Feb-63	11.49
Old Brahmaputra	SW225	Jamalpur	06-Feb-63	11.49
Old Brahmaputra	SW225	Jamalpur	07-Feb-63	11.49
Old Brahmaputra	SW225	Jamalpur	08-Feb-63	11.49
Old Brahmaputra	SW225	Jamalpur	09-Feb-63	11.49
Old Brahmaputra	SW225	Jamalpur	10-Feb-63	11.48
Old Brahmaputra	SW225	Jamalpur	11-Feb-63	11.48
Old Brahmaputra	SW225	Jamalpur	12-Feb-63	11.48
Old Brahmaputra	SW225	Jamalpur	13-Feb-63	11.48
Old Brahmaputra	SW225	Jamalpur	14-Feb-63	11.48
Old Brahmaputra	SW225	Jamalpur	15-Feb-63	11.48
Old Brahmaputra	SW225	Jamalpur	16-Feb-63	11.47
Old Brahmaputra	SW225	Jamalpur	17-Feb-63	11.47
Old Brahmaputra	SW225	Jamalpur	18-Feb-63	11.45
Old Brahmaputra	SW225	Jamalpur	19-Feb-63	11.45
Old Brahmaputra	SW225	Jamalpur	20-Feb-63	11.45
Old Brahmaputra	SW225	Jamalpur	21-Feb-63	11.44
Old Brahmaputra	SW225	Jamalpur	22-Feb-63	11.44
Old Brahmaputra	SW225	Jamalpur	23-Feb-63	11.44
Old Brahmaputra	SW225	Jamalpur	24-Feb-63	11.44
Old Brahmaputra	SW225	Jamalpur	25-Feb-63	11.43
Old Brahmaputra	SW225	Jamalpur	26-Feb-63	11.41

Old Brahmaputra	SW225	Jamalpur	27-Feb-63	11.41
Old Brahmaputra	SW225	Jamalpur	28-Feb-63	11.41
Old Brahmaputra	SW225	Jamalpur	01-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	02-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	03-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	04-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	05-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	06-Mar-63	11.4
Old Brahmaputra	SW225	Jamalpur	07-Mar-63	11.4
Old Brahmaputra	SW225	Jamalpur	08-Mar-63	11.4
Old Brahmaputra	SW225	Jamalpur	09-Mar-63	11.4
Old Brahmaputra	SW225	Jamalpur	10-Mar-63	11.39
Old Brahmaputra	SW225	Jamalpur	11-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	12-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	13-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	14-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	15-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	16-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	17-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	18-Mar-63	11.41
Old Brahmaputra	SW225	Jamalpur	19-Mar-63	11.4
Old Brahmaputra	SW225	Jamalpur	20-Mar-63	11.39
Old Brahmaputra	SW225	Jamalpur	21-Mar-63	11.39
Old Brahmaputra	SW225	Jamalpur	22-Mar-63	11.38
Old Brahmaputra	SW225	Jamalpur	23-Mar-63	11.37
Old Brahmaputra	SW225	Jamalpur	24-Mar-63	11.37
Old Brahmaputra	SW225	Jamalpur	25-Mar-63	11.35
Old Brahmaputra	SW225	Jamalpur	26-Mar-63	11.35
Old Brahmaputra	SW225	Jamalpur	27-Mar-63	11.35
Old Brahmaputra	SW225	Jamalpur	28-Mar-63	11.35
Old Brahmaputra	SW225	Jamalpur	29-Mar-63	11.34
Old Brahmaputra	SW225	Jamalpur	30-Mar-63	11.34
Old Brahmaputra	SW225	Jamalpur	31-Mar-63	11.34
Old Brahmaputra	SW225	Jamalpur	01-Apr-63	11.34
Old Brahmaputra	SW225	Jamalpur	02-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	03-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	04-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	05-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	06-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	07-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	08-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	09-Apr-63	11.31
Old Brahmaputra	SW225	Jamalpur	10-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	11-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	12-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	13-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	14-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	15-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	16-Apr-63	11.31
Old Brahmaputra	SW225	Jamalpur	17-Apr-63	11.31

Old Brahmaputra	SW225	Jamalpur	18-Apr-63	11.32
Old Brahmaputra	SW225	Jamalpur	19-Apr-63	11.38
Old Brahmaputra	SW225	Jamalpur	20-Apr-63	11.51
Old Brahmaputra	SW225	Jamalpur	21-Apr-63	11.63
Old Brahmaputra	SW225	Jamalpur	22-Apr-63	11.59
Old Brahmaputra	SW225	Jamalpur	23-Apr-63	11.52
Old Brahmaputra	SW225	Jamalpur	24-Apr-63	11.48
Old Brahmaputra	SW225	Jamalpur	25-Apr-63	11.48
Old Brahmaputra	SW225	Jamalpur	26-Apr-63	11.45
Old Brahmaputra	SW225	Jamalpur	27-Apr-63	11.44
Old Brahmaputra	SW225	Jamalpur	28-Apr-63	11.44
Old Brahmaputra	SW225	Jamalpur	29-Apr-63	11.44
Old Brahmaputra	SW225	Jamalpur	30-Apr-63	11.48
Old Brahmaputra	SW225	Jamalpur	01-May-63	11.52
Old Brahmaputra	SW225	Jamalpur	02-May-63	11.55
Old Brahmaputra	SW225	Jamalpur	03-May-63	11.57
Old Brahmaputra	SW225	Jamalpur	04-May-63	11.58
Old Brahmaputra	SW225	Jamalpur	05-May-63	11.63
Old Brahmaputra	SW225	Jamalpur	06-May-63	11.78
Old Brahmaputra	SW225	Jamalpur	07-May-63	11.82
Old Brahmaputra	SW225	Jamalpur	08-May-63	11.78
Old Brahmaputra	SW225	Jamalpur	09-May-63	11.7
Old Brahmaputra	SW225	Jamalpur	10-May-63	11.65
Old Brahmaputra	SW225	Jamalpur	11-May-63	11.61
Old Brahmaputra	SW225	Jamalpur	12-May-63	11.6
Old Brahmaputra	SW225	Jamalpur	13-May-63	11.56
Old Brahmaputra	SW225	Jamalpur	14-May-63	11.52
Old Brahmaputra	SW225	Jamalpur	15-May-63	11.47
Old Brahmaputra	SW225	Jamalpur	16-May-63	11.49
Old Brahmaputra	SW225	Jamalpur	17-May-63	11.59
Old Brahmaputra	SW225	Jamalpur	18-May-63	11.65
Old Brahmaputra	SW225	Jamalpur	19-May-63	11.72
Old Brahmaputra	SW225	Jamalpur	20-May-63	11.73
Old Brahmaputra	SW225	Jamalpur	21-May-63	11.81
Old Brahmaputra	SW225	Jamalpur	22-May-63	11.97
Old Brahmaputra	SW225	Jamalpur	23-May-63	12.06
Old Brahmaputra	SW225	Jamalpur	24-May-63	12.04
Old Brahmaputra	SW225	Jamalpur	25-May-63	12.28
Old Brahmaputra	SW225	Jamalpur	26-May-63	12.61
Old Brahmaputra	SW225	Jamalpur	27-May-63	12.66
Old Brahmaputra	SW225	Jamalpur	28-May-63	12.61
Old Brahmaputra	SW225	Jamalpur	29-May-63	12.6
Old Brahmaputra	SW225	Jamalpur	30-May-63	12.62
Old Brahmaputra	SW225	Jamalpur	31-May-63	12.63
Old Brahmaputra	SW225	Jamalpur	01-Jun-63	12.68
Old Brahmaputra	SW225	Jamalpur	02-Jun-63	12.88
Old Brahmaputra	SW225	Jamalpur	03-Jun-63	13.11
Old Brahmaputra	SW225	Jamalpur	04-Jun-63	13.3
Old Brahmaputra	SW225	Jamalpur	05-Jun-63	13.52
Old Brahmaputra	SW225	Jamalpur	06-Jun-63	13.56

Old Brahmaputra	SW225	Jamalpur	07-Jun-63	13.55
Old Brahmaputra	SW225	Jamalpur	08-Jun-63	13.65
Old Brahmaputra	SW225	Jamalpur	09-Jun-63	13.66
Old Brahmaputra	SW225	Jamalpur	10-Jun-63	13.71
Old Brahmaputra	SW225	Jamalpur	11-Jun-63	13.94
Old Brahmaputra	SW225	Jamalpur	12-Jun-63	14.16
Old Brahmaputra	SW225	Jamalpur	13-Jun-63	14.28
Old Brahmaputra	SW225	Jamalpur	14-Jun-63	14.43
Old Brahmaputra	SW225	Jamalpur	15-Jun-63	14.7
Old Brahmaputra	SW225	Jamalpur	16-Jun-63	15.1
Old Brahmaputra	SW225	Jamalpur	17-Jun-63	15.39
Old Brahmaputra	SW225	Jamalpur	18-Jun-63	15.6
Old Brahmaputra	SW225	Jamalpur	19-Jun-63	15.73
Old Brahmaputra	SW225	Jamalpur	20-Jun-63	15.77
Old Brahmaputra	SW225	Jamalpur	21-Jun-63	15.9
Old Brahmaputra	SW225	Jamalpur	22-Jun-63	15.86
Old Brahmaputra	SW225	Jamalpur	23-Jun-63	15.91
Old Brahmaputra	SW225	Jamalpur	24-Jun-63	16.01
Old Brahmaputra	SW225	Jamalpur	25-Jun-63	16.15
Old Brahmaputra	SW225	Jamalpur	26-Jun-63	16.23
Old Brahmaputra	SW225	Jamalpur	27-Jun-63	16.25
Old Brahmaputra	SW225	Jamalpur	28-Jun-63	16.23
Old Brahmaputra	SW225	Jamalpur	29-Jun-63	16.16
Old Brahmaputra	SW225	Jamalpur	30-Jun-63	16.14
Old Brahmaputra	SW225	Jamalpur	01-Jul-63	16.08
Old Brahmaputra	SW225	Jamalpur	02-Jul-63	16.05
Old Brahmaputra	SW225	Jamalpur	03-Jul-63	16.09
Old Brahmaputra	SW225	Jamalpur	04-Jul-63	16.08
Old Brahmaputra	SW225	Jamalpur	05-Jul-63	16.06
Old Brahmaputra	SW225	Jamalpur	06-Jul-63	15.97
Old Brahmaputra	SW225	Jamalpur	07-Jul-63	15.9
Old Brahmaputra	SW225	Jamalpur	08-Jul-63	15.88
Old Brahmaputra	SW225	Jamalpur	09-Jul-63	15.88
Old Brahmaputra	SW225	Jamalpur	10-Jul-63	15.88
Old Brahmaputra	SW225	Jamalpur	11-Jul-63	15.88
Old Brahmaputra	SW225	Jamalpur	12-Jul-63	16.04
Old Brahmaputra	SW225	Jamalpur	13-Jul-63	16.21
Old Brahmaputra	SW225	Jamalpur	14-Jul-63	16.38
Old Brahmaputra	SW225	Jamalpur	15-Jul-63	16.52
Old Brahmaputra	SW225	Jamalpur	16-Jul-63	16.63
Old Brahmaputra	SW225	Jamalpur	17-Jul-63	16.68
Old Brahmaputra	SW225	Jamalpur	18-Jul-63	16.68
Old Brahmaputra	SW225	Jamalpur	19-Jul-63	16.65
Old Brahmaputra	SW225	Jamalpur	20-Jul-63	16.6
Old Brahmaputra	SW225	Jamalpur	21-Jul-63	16.58
Old Brahmaputra	SW225	Jamalpur	22-Jul-63	16.53
Old Brahmaputra	SW225	Jamalpur	23-Jul-63	16.53
Old Brahmaputra	SW225	Jamalpur	24-Jul-63	16.56
Old Brahmaputra	SW225	Jamalpur	25-Jul-63	16.55
Old Brahmaputra	SW225	Jamalpur	26-Jul-63	16.55

Old Brahmaputra	SW225	Jamalpur	27-Jul-63	16.55
Old Brahmaputra	SW225	Jamalpur	28-Jul-63	16.58
Old Brahmaputra	SW225	Jamalpur	29-Jul-63	16.59
Old Brahmaputra	SW225	Jamalpur	30-Jul-63	16.58
Old Brahmaputra	SW225	Jamalpur	31-Jul-63	16.5
Old Brahmaputra	SW225	Jamalpur	01-Aug-63	16.47
Old Brahmaputra	SW225	Jamalpur	02-Aug-63	16.49
Old Brahmaputra	SW225	Jamalpur	03-Aug-63	16.53
Old Brahmaputra	SW225	Jamalpur	04-Aug-63	16.5
Old Brahmaputra	SW225	Jamalpur	05-Aug-63	16.46
Old Brahmaputra	SW225	Jamalpur	06-Aug-63	16.43
Old Brahmaputra	SW225	Jamalpur	07-Aug-63	16.42
Old Brahmaputra	SW225	Jamalpur	08-Aug-63	16.41
Old Brahmaputra	SW225	Jamalpur	09-Aug-63	16.39
Old Brahmaputra	SW225	Jamalpur	10-Aug-63	16.39
Old Brahmaputra	SW225	Jamalpur	11-Aug-63	16.4
Old Brahmaputra	SW225	Jamalpur	12-Aug-63	16.4
Old Brahmaputra	SW225	Jamalpur	13-Aug-63	16.39
Old Brahmaputra	SW225	Jamalpur	14-Aug-63	16.39
Old Brahmaputra	SW225	Jamalpur	15-Aug-63	16.39
Old Brahmaputra	SW225	Jamalpur	16-Aug-63	16.34
Old Brahmaputra	SW225	Jamalpur	17-Aug-63	16.31
Old Brahmaputra	SW225	Jamalpur	18-Aug-63	16.25
Old Brahmaputra	SW225	Jamalpur	19-Aug-63	16.22
Old Brahmaputra	SW225	Jamalpur	20-Aug-63	16.2
Old Brahmaputra	SW225	Jamalpur	21-Aug-63	16.22
Old Brahmaputra	SW225	Jamalpur	22-Aug-63	16.29
Old Brahmaputra	SW225	Jamalpur	23-Aug-63	16.41
Old Brahmaputra	SW225	Jamalpur	24-Aug-63	16.52
Old Brahmaputra	SW225	Jamalpur	25-Aug-63	16.64
Old Brahmaputra	SW225	Jamalpur	26-Aug-63	16.69
Old Brahmaputra	SW225	Jamalpur	27-Aug-63	16.73
Old Brahmaputra	SW225	Jamalpur	28-Aug-63	16.78
Old Brahmaputra	SW225	Jamalpur	29-Aug-63	16.79
Old Brahmaputra	SW225	Jamalpur	30-Aug-63	16.75
Old Brahmaputra	SW225	Jamalpur	31-Aug-63	16.74
Old Brahmaputra	SW225	Jamalpur	01-Sep-63	16.71
Old Brahmaputra	SW225	Jamalpur	02-Sep-63	16.67
Old Brahmaputra	SW225	Jamalpur	03-Sep-63	16.63
Old Brahmaputra	SW225	Jamalpur	04-Sep-63	16.61
Old Brahmaputra	SW225	Jamalpur	05-Sep-63	16.52
Old Brahmaputra	SW225	Jamalpur	06-Sep-63	16.46
Old Brahmaputra	SW225	Jamalpur	07-Sep-63	16.36
Old Brahmaputra	SW225	Jamalpur	08-Sep-63	16.27
Old Brahmaputra	SW225	Jamalpur	09-Sep-63	16.16
Old Brahmaputra	SW225	Jamalpur	10-Sep-63	15.98
Old Brahmaputra	SW225	Jamalpur	11-Sep-63	15.82
Old Brahmaputra	SW225	Jamalpur	12-Sep-63	15.65
Old Brahmaputra	SW225	Jamalpur	13-Sep-63	15.48
Old Brahmaputra	SW225	Jamalpur	14-Sep-63	15.31

Old Brahmaputra	SW225	Jamalpur	15-Sep-63	15.19
Old Brahmaputra	SW225	Jamalpur	16-Sep-63	15.12
Old Brahmaputra	SW225	Jamalpur	17-Sep-63	15.12
Old Brahmaputra	SW225	Jamalpur	18-Sep-63	15.04
Old Brahmaputra	SW225	Jamalpur	19-Sep-63	15.12
Old Brahmaputra	SW225	Jamalpur	20-Sep-63	15.02
Old Brahmaputra	SW225	Jamalpur	21-Sep-63	14.97
Old Brahmaputra	SW225	Jamalpur	22-Sep-63	14.9
Old Brahmaputra	SW225	Jamalpur	23-Sep-63	14.89
Old Brahmaputra	SW225	Jamalpur	24-Sep-63	14.94
Old Brahmaputra	SW225	Jamalpur	25-Sep-63	14.98
Old Brahmaputra	SW225	Jamalpur	26-Sep-63	14.94
Old Brahmaputra	SW225	Jamalpur	27-Sep-63	14.9
Old Brahmaputra	SW225	Jamalpur	28-Sep-63	14.85
Old Brahmaputra	SW225	Jamalpur	29-Sep-63	14.84
Old Brahmaputra	SW225	Jamalpur	30-Sep-63	14.88
Old Brahmaputra	SW225	Jamalpur	01-Oct-63	14.97
Old Brahmaputra	SW225	Jamalpur	02-Oct-63	15.06
Old Brahmaputra	SW225	Jamalpur	03-Oct-63	14.98
Old Brahmaputra	SW225	Jamalpur	04-Oct-63	14.98
Old Brahmaputra	SW225	Jamalpur	05-Oct-63	15.02
Old Brahmaputra	SW225	Jamalpur	06-Oct-63	15.04
Old Brahmaputra	SW225	Jamalpur	07-Oct-63	15.06
Old Brahmaputra	SW225	Jamalpur	08-Oct-63	15.04
Old Brahmaputra	SW225	Jamalpur	09-Oct-63	14.98
Old Brahmaputra	SW225	Jamalpur	10-Oct-63	14.9
Old Brahmaputra	SW225	Jamalpur	11-Oct-63	14.82
Old Brahmaputra	SW225	Jamalpur	12-Oct-63	14.75
Old Brahmaputra	SW225	Jamalpur	13-Oct-63	14.69
Old Brahmaputra	SW225	Jamalpur	14-Oct-63	14.6
Old Brahmaputra	SW225	Jamalpur	15-Oct-63	14.59
Old Brahmaputra	SW225	Jamalpur	16-Oct-63	14.56
Old Brahmaputra	SW225	Jamalpur	17-Oct-63	14.51
Old Brahmaputra	SW225	Jamalpur	18-Oct-63	14.43
Old Brahmaputra	SW225	Jamalpur	19-Oct-63	14.35
Old Brahmaputra	SW225	Jamalpur	20-Oct-63	14.32
Old Brahmaputra	SW225	Jamalpur	21-Oct-63	14.27
Old Brahmaputra	SW225	Jamalpur	22-Oct-63	14.23
Old Brahmaputra	SW225	Jamalpur	23-Oct-63	14.19
Old Brahmaputra	SW225	Jamalpur	24-Oct-63	14.24
Old Brahmaputra	SW225	Jamalpur	25-Oct-63	14.26
Old Brahmaputra	SW225	Jamalpur	26-Oct-63	14.14
Old Brahmaputra	SW225	Jamalpur	27-Oct-63	14.03
Old Brahmaputra	SW225	Jamalpur	28-Oct-63	13.93
Old Brahmaputra	SW225	Jamalpur	29-Oct-63	13.81
Old Brahmaputra	SW225	Jamalpur	30-Oct-63	13.7
Old Brahmaputra	SW225	Jamalpur	31-Oct-63	13.65
Old Brahmaputra	SW225	Jamalpur	01-Nov-63	13.58
Old Brahmaputra	SW225	Jamalpur	02-Nov-63	13.51
Old Brahmaputra	SW225	Jamalpur	03-Nov-63	13.43

Old Brahmaputra	SW225	Jamalpur	04-Nov-63	13.4
Old Brahmaputra	SW225	Jamalpur	05-Nov-63	13.34
Old Brahmaputra	SW225	Jamalpur	06-Nov-63	13.27
Old Brahmaputra	SW225	Jamalpur	07-Nov-63	13.22
Old Brahmaputra	SW225	Jamalpur	08-Nov-63	13.15
Old Brahmaputra	SW225	Jamalpur	09-Nov-63	13.12
Old Brahmaputra	SW225	Jamalpur	10-Nov-63	13.09
Old Brahmaputra	SW225	Jamalpur	11-Nov-63	13.03
Old Brahmaputra	SW225	Jamalpur	12-Nov-63	12.97
Old Brahmaputra	SW225	Jamalpur	13-Nov-63	12.91
Old Brahmaputra	SW225	Jamalpur	14-Nov-63	12.85
Old Brahmaputra	SW225	Jamalpur	15-Nov-63	12.81
Old Brahmaputra	SW225	Jamalpur	16-Nov-63	12.76
Old Brahmaputra	SW225	Jamalpur	17-Nov-63	12.69
Old Brahmaputra	SW225	Jamalpur	18-Nov-63	12.66
Old Brahmaputra	SW225	Jamalpur	19-Nov-63	12.63
Old Brahmaputra	SW225	Jamalpur	20-Nov-63	12.58
Old Brahmaputra	SW225	Jamalpur	21-Nov-63	12.55
Old Brahmaputra	SW225	Jamalpur	22-Nov-63	12.51
Old Brahmaputra	SW225	Jamalpur	23-Nov-63	12.46
Old Brahmaputra	SW225	Jamalpur	24-Nov-63	12.43
Old Brahmaputra	SW225	Jamalpur	25-Nov-63	12.4
Old Brahmaputra	SW225	Jamalpur	26-Nov-63	12.37
Old Brahmaputra	SW225	Jamalpur	27-Nov-63	12.34
Old Brahmaputra	SW225	Jamalpur	28-Nov-63	12.31
Old Brahmaputra	SW225	Jamalpur	29-Nov-63	12.26
Old Brahmaputra	SW225	Jamalpur	30-Nov-63	12.23
Old Brahmaputra	SW225	Jamalpur	01-Dec-63	12.2
Old Brahmaputra	SW225	Jamalpur	02-Dec-63	12.15
Old Brahmaputra	SW225	Jamalpur	03-Dec-63	12.13
Old Brahmaputra	SW225	Jamalpur	04-Dec-63	12.1
Old Brahmaputra	SW225	Jamalpur	05-Dec-63	12.09
Old Brahmaputra	SW225	Jamalpur	06-Dec-63	12.06
Old Brahmaputra	SW225	Jamalpur	07-Dec-63	12.02
Old Brahmaputra	SW225	Jamalpur	08-Dec-63	11.99
Old Brahmaputra	SW225	Jamalpur	09-Dec-63	11.97
Old Brahmaputra	SW225	Jamalpur	10-Dec-63	11.95
Old Brahmaputra	SW225	Jamalpur	11-Dec-63	11.93
Old Brahmaputra	SW225	Jamalpur	12-Dec-63	11.9
Old Brahmaputra	SW225	Jamalpur	13-Dec-63	11.89
Old Brahmaputra	SW225	Jamalpur	14-Dec-63	11.87
Old Brahmaputra	SW225	Jamalpur	15-Dec-63	11.85
Old Brahmaputra	SW225	Jamalpur	16-Dec-63	11.82
Old Brahmaputra	SW225	Jamalpur	17-Dec-63	11.81
Old Brahmaputra	SW225	Jamalpur	18-Dec-63	11.8
Old Brahmaputra	SW225	Jamalpur	19-Dec-63	11.78
Old Brahmaputra	SW225	Jamalpur	20-Dec-63	11.77
Old Brahmaputra	SW225	Jamalpur	21-Dec-63	11.77
Old Brahmaputra	SW225	Jamalpur	22-Dec-63	11.75
Old Brahmaputra	SW225	Jamalpur	23-Dec-63	11.74

Old Brahmaputra	SW225	Jamalpur	24-Dec-63	11.73
Old Brahmaputra	SW225	Jamalpur	25-Dec-63	11.73
Old Brahmaputra	SW225	Jamalpur	26-Dec-63	11.72
Old Brahmaputra	SW225	Jamalpur	27-Dec-63	11.7
Old Brahmaputra	SW225	Jamalpur	28-Dec-63	11.7
Old Brahmaputra	SW225	Jamalpur	29-Dec-63	11.69
Old Brahmaputra	SW225	Jamalpur	30-Dec-63	11.69
Old Brahmaputra	SW225	Jamalpur	31-Dec-63	11.68
Old Brahmaputra	SW225	Jamalpur	01-Jan-64	11.68
Old Brahmaputra	SW225	Jamalpur	02-Jan-64	11.66
Old Brahmaputra	SW225	Jamalpur	03-Jan-64	11.66
Old Brahmaputra	SW225	Jamalpur	04-Jan-64	11.66
Old Brahmaputra	SW225	Jamalpur	05-Jan-64	11.65
Old Brahmaputra	SW225	Jamalpur	06-Jan-64	11.65
Old Brahmaputra	SW225	Jamalpur	07-Jan-64	11.65
Old Brahmaputra	SW225	Jamalpur	08-Jan-64	11.64
Old Brahmaputra	SW225	Jamalpur	09-Jan-64	11.63
Old Brahmaputra	SW225	Jamalpur	10-Jan-64	11.61
Old Brahmaputra	SW225	Jamalpur	11-Jan-64	11.6
Old Brahmaputra	SW225	Jamalpur	12-Jan-64	11.58
Old Brahmaputra	SW225	Jamalpur	13-Jan-64	11.56
Old Brahmaputra	SW225	Jamalpur	14-Jan-64	11.56
Old Brahmaputra	SW225	Jamalpur	15-Jan-64	11.56
Old Brahmaputra	SW225	Jamalpur	16-Jan-64	11.56
Old Brahmaputra	SW225	Jamalpur	17-Jan-64	11.56
Old Brahmaputra	SW225	Jamalpur	18-Jan-64	11.56
Old Brahmaputra	SW225	Jamalpur	19-Jan-64	11.55
Old Brahmaputra	SW225	Jamalpur	20-Jan-64	11.55
Old Brahmaputra	SW225	Jamalpur	21-Jan-64	11.55
Old Brahmaputra	SW225	Jamalpur	22-Jan-64	11.55
Old Brahmaputra	SW225	Jamalpur	23-Jan-64	11.55
Old Brahmaputra	SW225	Jamalpur	24-Jan-64	11.55
Old Brahmaputra	SW225	Jamalpur	25-Jan-64	11.55
Old Brahmaputra	SW225	Jamalpur	26-Jan-64	11.53
Old Brahmaputra	SW225	Jamalpur	27-Jan-64	11.53
Old Brahmaputra	SW225	Jamalpur	28-Jan-64	11.53
Old Brahmaputra	SW225	Jamalpur	29-Jan-64	11.52
Old Brahmaputra	SW225	Jamalpur	30-Jan-64	11.52
Old Brahmaputra	SW225	Jamalpur	31-Jan-64	11.52
Old Brahmaputra	SW225	Jamalpur	01-Feb-64	11.52
Old Brahmaputra	SW225	Jamalpur	02-Feb-64	11.52
Old Brahmaputra	SW225	Jamalpur	03-Feb-64	11.51
Old Brahmaputra	SW225	Jamalpur	04-Feb-64	11.51
Old Brahmaputra	SW225	Jamalpur	05-Feb-64	11.51
Old Brahmaputra	SW225	Jamalpur	06-Feb-64	11.49
Old Brahmaputra	SW225	Jamalpur	07-Feb-64	11.49
Old Brahmaputra	SW225	Jamalpur	08-Feb-64	11.49
Old Brahmaputra	SW225	Jamalpur	09-Feb-64	11.49
Old Brahmaputra	SW225	Jamalpur	10-Feb-64	11.48
Old Brahmaputra	SW225	Jamalpur	11-Feb-64	11.48

Old Brahmaputra	SW225	Jamalpur	12-Feb-64	11.48
Old Brahmaputra	SW225	Jamalpur	13-Feb-64	11.48
Old Brahmaputra	SW225	Jamalpur	14-Feb-64	11.48
Old Brahmaputra	SW225	Jamalpur	15-Feb-64	11.48
Old Brahmaputra	SW225	Jamalpur	16-Feb-64	11.48
Old Brahmaputra	SW225	Jamalpur	17-Feb-64	11.48
Old Brahmaputra	SW225	Jamalpur	18-Feb-64	11.46
Old Brahmaputra	SW225	Jamalpur	19-Feb-64	11.46
Old Brahmaputra	SW225	Jamalpur	20-Feb-64	11.46
Old Brahmaputra	SW225	Jamalpur	21-Feb-64	11.46
Old Brahmaputra	SW225	Jamalpur	22-Feb-64	11.46
Old Brahmaputra	SW225	Jamalpur	23-Feb-64	11.46
Old Brahmaputra	SW225	Jamalpur	24-Feb-64	11.45
Old Brahmaputra	SW225	Jamalpur	25-Feb-64	11.44
Old Brahmaputra	SW225	Jamalpur	26-Feb-64	11.44
Old Brahmaputra	SW225	Jamalpur	27-Feb-64	11.44
Old Brahmaputra	SW225	Jamalpur	28-Feb-64	11.44
Old Brahmaputra	SW225	Jamalpur	29-Feb-64	11.44
Old Brahmaputra	SW225	Jamalpur	01-Mar-64	11.43
Old Brahmaputra	SW225	Jamalpur	02-Mar-64	11.43
Old Brahmaputra	SW225	Jamalpur	03-Mar-64	11.43
Old Brahmaputra	SW225	Jamalpur	04-Mar-64	11.43
Old Brahmaputra	SW225	Jamalpur	05-Mar-64	11.41
Old Brahmaputra	SW225	Jamalpur	06-Mar-64	11.41
Old Brahmaputra	SW225	Jamalpur	07-Mar-64	11.4
Old Brahmaputra	SW225	Jamalpur	08-Mar-64	11.4
Old Brahmaputra	SW225	Jamalpur	09-Mar-64	11.39
Old Brahmaputra	SW225	Jamalpur	10-Mar-64	11.39
Old Brahmaputra	SW225	Jamalpur	11-Mar-64	11.39
Old Brahmaputra	SW225	Jamalpur	12-Mar-64	11.39
Old Brahmaputra	SW225	Jamalpur	13-Mar-64	11.39
Old Brahmaputra	SW225	Jamalpur	14-Mar-64	11.37
Old Brahmaputra	SW225	Jamalpur	15-Mar-64	11.37
Old Brahmaputra	SW225	Jamalpur	16-Mar-64	11.37
Old Brahmaputra	SW225	Jamalpur	17-Mar-64	11.37
Old Brahmaputra	SW225	Jamalpur	18-Mar-64	11.37
Old Brahmaputra	SW225	Jamalpur	19-Mar-64	11.37
Old Brahmaputra	SW225	Jamalpur	20-Mar-64	11.37
Old Brahmaputra	SW225	Jamalpur	21-Mar-64	11.39
Old Brahmaputra	SW225	Jamalpur	22-Mar-64	11.39
Old Brahmaputra	SW225	Jamalpur	23-Mar-64	11.39
Old Brahmaputra	SW225	Jamalpur	24-Mar-64	11.37
Old Brahmaputra	SW225	Jamalpur	25-Mar-64	11.37
Old Brahmaputra	SW225	Jamalpur	26-Mar-64	11.35
Old Brahmaputra	SW225	Jamalpur	27-Mar-64	11.35
Old Brahmaputra	SW225	Jamalpur	28-Mar-64	11.35
Old Brahmaputra	SW225	Jamalpur	29-Mar-64	11.35
Old Brahmaputra	SW225	Jamalpur	30-Mar-64	11.37
Old Brahmaputra	SW225	Jamalpur	31-Mar-64	11.35
Old Brahmaputra	SW225	Jamalpur	01-Apr-64	11.34

Old Brahmaputra	SW225	Jamalpur	02-Apr-64	11.34
Old Brahmaputra	SW225	Jamalpur	03-Apr-64	11.35
Old Brahmaputra	SW225	Jamalpur	04-Apr-64	11.34
Old Brahmaputra	SW225	Jamalpur	05-Apr-64	11.34
Old Brahmaputra	SW225	Jamalpur	06-Apr-64	11.35
Old Brahmaputra	SW225	Jamalpur	07-Apr-64	11.35
Old Brahmaputra	SW225	Jamalpur	08-Apr-64	11.37
Old Brahmaputra	SW225	Jamalpur	09-Apr-64	11.4
Old Brahmaputra	SW225	Jamalpur	10-Apr-64	11.4
Old Brahmaputra	SW225	Jamalpur	11-Apr-64	11.4
Old Brahmaputra	SW225	Jamalpur	12-Apr-64	11.73
Old Brahmaputra	SW225	Jamalpur	13-Apr-64	12.31
Old Brahmaputra	SW225	Jamalpur	14-Apr-64	12.38
Old Brahmaputra	SW225	Jamalpur	15-Apr-64	12.31
Old Brahmaputra	SW225	Jamalpur	16-Apr-64	12.28
Old Brahmaputra	SW225	Jamalpur	17-Apr-64	12.28
Old Brahmaputra	SW225	Jamalpur	18-Apr-64	12.3
Old Brahmaputra	SW225	Jamalpur	19-Apr-64	12.35
Old Brahmaputra	SW225	Jamalpur	20-Apr-64	12.4
Old Brahmaputra	SW225	Jamalpur	21-Apr-64	12.44
Old Brahmaputra	SW225	Jamalpur	22-Apr-64	12.47
Old Brahmaputra	SW225	Jamalpur	23-Apr-64	12.54
Old Brahmaputra	SW225	Jamalpur	24-Apr-64	12.62
Old Brahmaputra	SW225	Jamalpur	25-Apr-64	12.68
Old Brahmaputra	SW225	Jamalpur	26-Apr-64	12.68
Old Brahmaputra	SW225	Jamalpur	27-Apr-64	12.65
Old Brahmaputra	SW225	Jamalpur	28-Apr-64	12.54
Old Brahmaputra	SW225	Jamalpur	29-Apr-64	12.44
Old Brahmaputra	SW225	Jamalpur	30-Apr-64	12.35
Old Brahmaputra	SW225	Jamalpur	01-May-64	12.3
Old Brahmaputra	SW225	Jamalpur	02-May-64	12.25
Old Brahmaputra	SW225	Jamalpur	03-May-64	12.19
Old Brahmaputra	SW225	Jamalpur	04-May-64	12.16
Old Brahmaputra	SW225	Jamalpur	05-May-64	12.22
Old Brahmaputra	SW225	Jamalpur	06-May-64	12.39
Old Brahmaputra	SW225	Jamalpur	07-May-64	12.71
Old Brahmaputra	SW225	Jamalpur	08-May-64	13.32
Old Brahmaputra	SW225	Jamalpur	09-May-64	13.65
Old Brahmaputra	SW225	Jamalpur	10-May-64	13.72
Old Brahmaputra	SW225	Jamalpur	11-May-64	13.72
Old Brahmaputra	SW225	Jamalpur	12-May-64	13.72
Old Brahmaputra	SW225	Jamalpur	13-May-64	13.84
Old Brahmaputra	SW225	Jamalpur	14-May-64	13.96
Old Brahmaputra	SW225	Jamalpur	15-May-64	13.91
Old Brahmaputra	SW225	Jamalpur	16-May-64	13.77
Old Brahmaputra	SW225	Jamalpur	17-May-64	13.63
Old Brahmaputra	SW225	Jamalpur	18-May-64	13.45
Old Brahmaputra	SW225	Jamalpur	19-May-64	13.35
Old Brahmaputra	SW225	Jamalpur	20-May-64	13.23
Old Brahmaputra	SW225	Jamalpur	21-May-64	13.16

Old Brahmaputra	SW225	Jamalpur	22-May-64	13.1
Old Brahmaputra	SW225	Jamalpur	23-May-64	13.02
Old Brahmaputra	SW225	Jamalpur	24-May-64	12.98
Old Brahmaputra	SW225	Jamalpur	25-May-64	12.98
Old Brahmaputra	SW225	Jamalpur	26-May-64	12.98
Old Brahmaputra	SW225	Jamalpur	27-May-64	12.95
Old Brahmaputra	SW225	Jamalpur	28-May-64	12.86
Old Brahmaputra	SW225	Jamalpur	29-May-64	12.78
Old Brahmaputra	SW225	Jamalpur	30-May-64	12.71
Old Brahmaputra	SW225	Jamalpur	31-May-64	12.66
Old Brahmaputra	SW225	Jamalpur	01-Jun-64	12.6
Old Brahmaputra	SW225	Jamalpur	02-Jun-64	12.56
Old Brahmaputra	SW225	Jamalpur	03-Jun-64	12.52
Old Brahmaputra	SW225	Jamalpur	04-Jun-64	12.51
Old Brahmaputra	SW225	Jamalpur	05-Jun-64	12.54
Old Brahmaputra	SW225	Jamalpur	06-Jun-64	12.71
Old Brahmaputra	SW225	Jamalpur	07-Jun-64	12.93
Old Brahmaputra	SW225	Jamalpur	08-Jun-64	13.19
Old Brahmaputra	SW225	Jamalpur	09-Jun-64	13.56
Old Brahmaputra	SW225	Jamalpur	10-Jun-64	13.94
Old Brahmaputra	SW225	Jamalpur	11-Jun-64	14.32
Old Brahmaputra	SW225	Jamalpur	12-Jun-64	14.7
Old Brahmaputra	SW225	Jamalpur	13-Jun-64	14.92
Old Brahmaputra	SW225	Jamalpur	14-Jun-64	15.01
Old Brahmaputra	SW225	Jamalpur	15-Jun-64	15.16
Old Brahmaputra	SW225	Jamalpur	16-Jun-64	15.16
Old Brahmaputra	SW225	Jamalpur	17-Jun-64	15.14
Old Brahmaputra	SW225	Jamalpur	18-Jun-64	15.07
Old Brahmaputra	SW225	Jamalpur	19-Jun-64	15.1
Old Brahmaputra	SW225	Jamalpur	20-Jun-64	15.16
Old Brahmaputra	SW225	Jamalpur	21-Jun-64	15.16
Old Brahmaputra	SW225	Jamalpur	22-Jun-64	15.16
Old Brahmaputra	SW225	Jamalpur	23-Jun-64	15.26
Old Brahmaputra	SW225	Jamalpur	24-Jun-64	15.36
Old Brahmaputra	SW225	Jamalpur	25-Jun-64	15.53
Old Brahmaputra	SW225	Jamalpur	26-Jun-64	15.68
Old Brahmaputra	SW225	Jamalpur	27-Jun-64	15.81
Old Brahmaputra	SW225	Jamalpur	28-Jun-64	15.86
Old Brahmaputra	SW225	Jamalpur	29-Jun-64	15.95
Old Brahmaputra	SW225	Jamalpur	30-Jun-64	16.08
Old Brahmaputra	SW225	Jamalpur	01-Jul-64	16.2
Old Brahmaputra	SW225	Jamalpur	02-Jul-64	16.31
Old Brahmaputra	SW225	Jamalpur	03-Jul-64	16.35
Old Brahmaputra	SW225	Jamalpur	04-Jul-64	16.35
Old Brahmaputra	SW225	Jamalpur	05-Jul-64	16.31
Old Brahmaputra	SW225	Jamalpur	06-Jul-64	16.25
Old Brahmaputra	SW225	Jamalpur	07-Jul-64	16.18
Old Brahmaputra	SW225	Jamalpur	08-Jul-64	16.11
Old Brahmaputra	SW225	Jamalpur	09-Jul-64	16.11
Old Brahmaputra	SW225	Jamalpur	10-Jul-64	16.11

Old Brahmaputra	SW225	Jamalpur	11-Jul-64	16.08
Old Brahmaputra	SW225	Jamalpur	12-Jul-64	16.05
Old Brahmaputra	SW225	Jamalpur	13-Jul-64	16.08
Old Brahmaputra	SW225	Jamalpur	14-Jul-64	16.08
Old Brahmaputra	SW225	Jamalpur	15-Jul-64	16.17
Old Brahmaputra	SW225	Jamalpur	16-Jul-64	16.2
Old Brahmaputra	SW225	Jamalpur	17-Jul-64	16.17
Old Brahmaputra	SW225	Jamalpur	18-Jul-64	16.22
Old Brahmaputra	SW225	Jamalpur	19-Jul-64	16.26
Old Brahmaputra	SW225	Jamalpur	20-Jul-64	16.26
Old Brahmaputra	SW225	Jamalpur	21-Jul-64	16.25
Old Brahmaputra	SW225	Jamalpur	22-Jul-64	16.26
Old Brahmaputra	SW225	Jamalpur	23-Jul-64	16.42
Old Brahmaputra	SW225	Jamalpur	24-Jul-64	16.43
Old Brahmaputra	SW225	Jamalpur	25-Jul-64	16.46
Old Brahmaputra	SW225	Jamalpur	26-Jul-64	16.48
Old Brahmaputra	SW225	Jamalpur	27-Jul-64	16.5
Old Brahmaputra	SW225	Jamalpur	28-Jul-64	16.57
Old Brahmaputra	SW225	Jamalpur	29-Jul-64	16.57
Old Brahmaputra	SW225	Jamalpur	30-Jul-64	16.57
Old Brahmaputra	SW225	Jamalpur	31-Jul-64	16.57
Old Brahmaputra	SW225	Jamalpur	01-Aug-64	16.63
Old Brahmaputra	SW225	Jamalpur	02-Aug-64	16.7
Old Brahmaputra	SW225	Jamalpur	03-Aug-64	16.76
Old Brahmaputra	SW225	Jamalpur	04-Aug-64	16.87
Old Brahmaputra	SW225	Jamalpur	05-Aug-64	16.96
Old Brahmaputra	SW225	Jamalpur	06-Aug-64	17.02
Old Brahmaputra	SW225	Jamalpur	07-Aug-64	16.99
Old Brahmaputra	SW225	Jamalpur	08-Aug-64	16.93
Old Brahmaputra	SW225	Jamalpur	09-Aug-64	16.84
Old Brahmaputra	SW225	Jamalpur	10-Aug-64	16.75
Old Brahmaputra	SW225	Jamalpur	11-Aug-64	16.63
Old Brahmaputra	SW225	Jamalpur	12-Aug-64	16.48
Old Brahmaputra	SW225	Jamalpur	13-Aug-64	16.42
Old Brahmaputra	SW225	Jamalpur	14-Aug-64	16.26
Old Brahmaputra	SW225	Jamalpur	15-Aug-64	16.09
Old Brahmaputra	SW225	Jamalpur	16-Aug-64	15.98
Old Brahmaputra	SW225	Jamalpur	17-Aug-64	15.91
Old Brahmaputra	SW225	Jamalpur	18-Aug-64	15.85
Old Brahmaputra	SW225	Jamalpur	19-Aug-64	15.85
Old Brahmaputra	SW225	Jamalpur	20-Aug-64	15.82
Old Brahmaputra	SW225	Jamalpur	21-Aug-64	15.79
Old Brahmaputra	SW225	Jamalpur	22-Aug-64	15.76
Old Brahmaputra	SW225	Jamalpur	23-Aug-64	15.73
Old Brahmaputra	SW225	Jamalpur	24-Aug-64	15.76
Old Brahmaputra	SW225	Jamalpur	25-Aug-64	15.76
Old Brahmaputra	SW225	Jamalpur	26-Aug-64	15.76
Old Brahmaputra	SW225	Jamalpur	27-Aug-64	15.73
Old Brahmaputra	SW225	Jamalpur	28-Aug-64	15.69
Old Brahmaputra	SW225	Jamalpur	29-Aug-64	15.65

Old Brahmaputra	SW225	Jamalpur	30-Aug-64	15.57
Old Brahmaputra	SW225	Jamalpur	31-Aug-64	15.48
Old Brahmaputra	SW225	Jamalpur	01-Sep-64	15.4
Old Brahmaputra	SW225	Jamalpur	02-Sep-64	15.38
Old Brahmaputra	SW225	Jamalpur	03-Sep-64	15.97
Old Brahmaputra	SW225	Jamalpur	04-Sep-64	15.88
Old Brahmaputra	SW225	Jamalpur	05-Sep-64	15.65
Old Brahmaputra	SW225	Jamalpur	06-Sep-64	15.65
Old Brahmaputra	SW225	Jamalpur	07-Sep-64	15.71
Old Brahmaputra	SW225	Jamalpur	08-Sep-64	15.76
Old Brahmaputra	SW225	Jamalpur	09-Sep-64	15.79
Old Brahmaputra	SW225	Jamalpur	10-Sep-64	15.77
Old Brahmaputra	SW225	Jamalpur	11-Sep-64	15.76
Old Brahmaputra	SW225	Jamalpur	12-Sep-64	15.76
Old Brahmaputra	SW225	Jamalpur	13-Sep-64	15.76
Old Brahmaputra	SW225	Jamalpur	14-Sep-64	15.79
Old Brahmaputra	SW225	Jamalpur	15-Sep-64	16.05
Old Brahmaputra	SW225	Jamalpur	16-Sep-64	16.08
Old Brahmaputra	SW225	Jamalpur	17-Sep-64	16.11
Old Brahmaputra	SW225	Jamalpur	18-Sep-64	16.08
Old Brahmaputra	SW225	Jamalpur	19-Sep-64	16.09
Old Brahmaputra	SW225	Jamalpur	20-Sep-64	16.06
Old Brahmaputra	SW225	Jamalpur	21-Sep-64	16.09
Old Brahmaputra	SW225	Jamalpur	22-Sep-64	16.09
Old Brahmaputra	SW225	Jamalpur	23-Sep-64	16.09
Old Brahmaputra	SW225	Jamalpur	24-Sep-64	16.06
Old Brahmaputra	SW225	Jamalpur	25-Sep-64	16.03
Old Brahmaputra	SW225	Jamalpur	26-Sep-64	15.94
Old Brahmaputra	SW225	Jamalpur	27-Sep-64	15.85
Old Brahmaputra	SW225	Jamalpur	28-Sep-64	15.76
Old Brahmaputra	SW225	Jamalpur	29-Sep-64	15.69
Old Brahmaputra	SW225	Jamalpur	30-Sep-64	15.56
Old Brahmaputra	SW225	Jamalpur	01-Oct-64	15.48
Old Brahmaputra	SW225	Jamalpur	02-Oct-64	15.35
Old Brahmaputra	SW225	Jamalpur	03-Oct-64	15.23
Old Brahmaputra	SW225	Jamalpur	04-Oct-64	15.09
Old Brahmaputra	SW225	Jamalpur	05-Oct-64	14.99
Old Brahmaputra	SW225	Jamalpur	06-Oct-64	14.99
Old Brahmaputra	SW225	Jamalpur	07-Oct-64	15.52
Old Brahmaputra	SW225	Jamalpur	08-Oct-64	15.39
Old Brahmaputra	SW225	Jamalpur	09-Oct-64	15.1
Old Brahmaputra	SW225	Jamalpur	10-Oct-64	14.94
Old Brahmaputra	SW225	Jamalpur	11-Oct-64	14.88
Old Brahmaputra	SW225	Jamalpur	12-Oct-64	14.69
Old Brahmaputra	SW225	Jamalpur	13-Oct-64	14.6
Old Brahmaputra	SW225	Jamalpur	14-Oct-64	14.6
Old Brahmaputra	SW225	Jamalpur	15-Oct-64	14.56
Old Brahmaputra	SW225	Jamalpur	16-Oct-64	14.49
Old Brahmaputra	SW225	Jamalpur	17-Oct-64	14.44
Old Brahmaputra	SW225	Jamalpur	18-Oct-64	14.44

Old Brahmaputra	SW225	Jamalpur	19-Oct-64	14.39
Old Brahmaputra	SW225	Jamalpur	20-Oct-64	14.32
Old Brahmaputra	SW225	Jamalpur	21-Oct-64	14.25
Old Brahmaputra	SW225	Jamalpur	22-Oct-64	14.2
Old Brahmaputra	SW225	Jamalpur	23-Oct-64	14.51
Old Brahmaputra	SW225	Jamalpur	24-Oct-64	14.51
Old Brahmaputra	SW225	Jamalpur	25-Oct-64	14.35
Old Brahmaputra	SW225	Jamalpur	26-Oct-64	14.27
Old Brahmaputra	SW225	Jamalpur	27-Oct-64	14.23
Old Brahmaputra	SW225	Jamalpur	28-Oct-64	14.27
Old Brahmaputra	SW225	Jamalpur	29-Oct-64	14.3
Old Brahmaputra	SW225	Jamalpur	30-Oct-64	14.2
Old Brahmaputra	SW225	Jamalpur	31-Oct-64	14.13
Old Brahmaputra	SW225	Jamalpur	01-Nov-64	14.05
Old Brahmaputra	SW225	Jamalpur	02-Nov-64	13.96
Old Brahmaputra	SW225	Jamalpur	03-Nov-64	13.89
Old Brahmaputra	SW225	Jamalpur	04-Nov-64	13.81
Old Brahmaputra	SW225	Jamalpur	05-Nov-64	13.73
Old Brahmaputra	SW225	Jamalpur	06-Nov-64	13.65
Old Brahmaputra	SW225	Jamalpur	07-Nov-64	13.6
Old Brahmaputra	SW225	Jamalpur	08-Nov-64	13.53
Old Brahmaputra	SW225	Jamalpur	09-Nov-64	13.47
Old Brahmaputra	SW225	Jamalpur	10-Nov-64	13.41
Old Brahmaputra	SW225	Jamalpur	11-Nov-64	13.35
Old Brahmaputra	SW225	Jamalpur	12-Nov-64	13.32
Old Brahmaputra	SW225	Jamalpur	13-Nov-64	13.26
Old Brahmaputra	SW225	Jamalpur	14-Nov-64	13.19
Old Brahmaputra	SW225	Jamalpur	15-Nov-64	13.16
Old Brahmaputra	SW225	Jamalpur	16-Nov-64	13.1
Old Brahmaputra	SW225	Jamalpur	17-Nov-64	13.09
Old Brahmaputra	SW225	Jamalpur	18-Nov-64	13.02
Old Brahmaputra	SW225	Jamalpur	19-Nov-64	12.98
Old Brahmaputra	SW225	Jamalpur	20-Nov-64	12.95
Old Brahmaputra	SW225	Jamalpur	21-Nov-64	12.93
Old Brahmaputra	SW225	Jamalpur	22-Nov-64	12.88
Old Brahmaputra	SW225	Jamalpur	23-Nov-64	12.83
Old Brahmaputra	SW225	Jamalpur	24-Nov-64	12.81
Old Brahmaputra	SW225	Jamalpur	25-Nov-64	12.8
Old Brahmaputra	SW225	Jamalpur	26-Nov-64	12.77
Old Brahmaputra	SW225	Jamalpur	27-Nov-64	12.73
Old Brahmaputra	SW225	Jamalpur	28-Nov-64	12.69
Old Brahmaputra	SW225	Jamalpur	29-Nov-64	12.68
Old Brahmaputra	SW225	Jamalpur	30-Nov-64	12.66
Old Brahmaputra	SW225	Jamalpur	01-Dec-64	12.62
Old Brahmaputra	SW225	Jamalpur	02-Dec-64	12.59
Old Brahmaputra	SW225	Jamalpur	03-Dec-64	12.56
Old Brahmaputra	SW225	Jamalpur	04-Dec-64	12.54
Old Brahmaputra	SW225	Jamalpur	05-Dec-64	12.52
Old Brahmaputra	SW225	Jamalpur	06-Dec-64	12.49
Old Brahmaputra	SW225	Jamalpur	07-Dec-64	12.47

Old Brahmaputra	SW225	Jamalpur	08-Dec-64	12.44
Old Brahmaputra	SW225	Jamalpur	09-Dec-64	12.42
Old Brahmaputra	SW225	Jamalpur	10-Dec-64	12.39
Old Brahmaputra	SW225	Jamalpur	11-Dec-64	12.38
Old Brahmaputra	SW225	Jamalpur	12-Dec-64	12.36
Old Brahmaputra	SW225	Jamalpur	13-Dec-64	12.33
Old Brahmaputra	SW225	Jamalpur	14-Dec-64	12.3
Old Brahmaputra	SW225	Jamalpur	15-Dec-64	12.28
Old Brahmaputra	SW225	Jamalpur	16-Dec-64	12.28
Old Brahmaputra	SW225	Jamalpur	17-Dec-64	12.27
Old Brahmaputra	SW225	Jamalpur	18-Dec-64	12.25
Old Brahmaputra	SW225	Jamalpur	19-Dec-64	12.22
Old Brahmaputra	SW225	Jamalpur	20-Dec-64	12.2
Old Brahmaputra	SW225	Jamalpur	21-Dec-64	12.2
Old Brahmaputra	SW225	Jamalpur	22-Dec-64	12.19
Old Brahmaputra	SW225	Jamalpur	23-Dec-64	12.19
Old Brahmaputra	SW225	Jamalpur	24-Dec-64	12.18
Old Brahmaputra	SW225	Jamalpur	25-Dec-64	12.16
Old Brahmaputra	SW225	Jamalpur	26-Dec-64	12.15
Old Brahmaputra	SW225	Jamalpur	27-Dec-64	12.11
Old Brahmaputra	SW225	Jamalpur	28-Dec-64	12.09
Old Brahmaputra	SW225	Jamalpur	29-Dec-64	12.07
Old Brahmaputra	SW225	Jamalpur	30-Dec-64	12.06
Old Brahmaputra	SW225	Jamalpur	31-Dec-64	12.02
Old Brahmaputra	SW225	Jamalpur	01-Jan-65	12.01
Old Brahmaputra	SW225	Jamalpur	02-Jan-65	11.99
Old Brahmaputra	SW225	Jamalpur	03-Jan-65	11.98
Old Brahmaputra	SW225	Jamalpur	04-Jan-65	11.97
Old Brahmaputra	SW225	Jamalpur	05-Jan-65	11.95
Old Brahmaputra	SW225	Jamalpur	06-Jan-65	11.93
Old Brahmaputra	SW225	Jamalpur	07-Jan-65	11.93
Old Brahmaputra	SW225	Jamalpur	08-Jan-65	11.91
Old Brahmaputra	SW225	Jamalpur	09-Jan-65	11.9
Old Brahmaputra	SW225	Jamalpur	10-Jan-65	11.87
Old Brahmaputra	SW225	Jamalpur	11-Jan-65	11.87
Old Brahmaputra	SW225	Jamalpur	12-Jan-65	11.87
Old Brahmaputra	SW225	Jamalpur	13-Jan-65	11.84
Old Brahmaputra	SW225	Jamalpur	14-Jan-65	11.84
Old Brahmaputra	SW225	Jamalpur	15-Jan-65	11.82
Old Brahmaputra	SW225	Jamalpur	16-Jan-65	11.82
Old Brahmaputra	SW225	Jamalpur	17-Jan-65	11.81
Old Brahmaputra	SW225	Jamalpur	18-Jan-65	11.81
Old Brahmaputra	SW225	Jamalpur	19-Jan-65	11.8
Old Brahmaputra	SW225	Jamalpur	20-Jan-65	11.78
Old Brahmaputra	SW225	Jamalpur	21-Jan-65	11.77
Old Brahmaputra	SW225	Jamalpur	22-Jan-65	11.77
Old Brahmaputra	SW225	Jamalpur	23-Jan-65	11.75
Old Brahmaputra	SW225	Jamalpur	24-Jan-65	11.73
Old Brahmaputra	SW225	Jamalpur	25-Jan-65	11.72
Old Brahmaputra	SW225	Jamalpur	26-Jan-65	11.7

Old Brahmaputra	SW225	Jamalpur	27-Jan-65	11.69
Old Brahmaputra	SW225	Jamalpur	28-Jan-65	11.69
Old Brahmaputra	SW225	Jamalpur	29-Jan-65	11.68
Old Brahmaputra	SW225	Jamalpur	30-Jan-65	11.68
Old Brahmaputra	SW225	Jamalpur	31-Jan-65	11.66
Old Brahmaputra	SW225	Jamalpur	01-Feb-65	11.66
Old Brahmaputra	SW225	Jamalpur	02-Feb-65	11.65
Old Brahmaputra	SW225	Jamalpur	03-Feb-65	11.65
Old Brahmaputra	SW225	Jamalpur	04-Feb-65	11.63
Old Brahmaputra	SW225	Jamalpur	05-Feb-65	11.61
Old Brahmaputra	SW225	Jamalpur	06-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	07-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	08-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	09-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	10-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	11-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	12-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	13-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	14-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	15-Feb-65	11.58
Old Brahmaputra	SW225	Jamalpur	16-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	17-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	18-Feb-65	11.63
Old Brahmaputra	SW225	Jamalpur	19-Feb-65	11.63
Old Brahmaputra	SW225	Jamalpur	20-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	21-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	22-Feb-65	11.6
Old Brahmaputra	SW225	Jamalpur	23-Feb-65	11.55
Old Brahmaputra	SW225	Jamalpur	24-Feb-65	11.53
Old Brahmaputra	SW225	Jamalpur	25-Feb-65	11.52
Old Brahmaputra	SW225	Jamalpur	26-Feb-65	11.51
Old Brahmaputra	SW225	Jamalpur	27-Feb-65	11.51
Old Brahmaputra	SW225	Jamalpur	28-Feb-65	11.48
Old Brahmaputra	SW225	Jamalpur	01-Mar-65	11.48
Old Brahmaputra	SW225	Jamalpur	02-Mar-65	11.48
Old Brahmaputra	SW225	Jamalpur	03-Mar-65	11.46
Old Brahmaputra	SW225	Jamalpur	04-Mar-65	11.46
Old Brahmaputra	SW225	Jamalpur	05-Mar-65	11.46
Old Brahmaputra	SW225	Jamalpur	06-Mar-65	11.44
Old Brahmaputra	SW225	Jamalpur	07-Mar-65	11.44
Old Brahmaputra	SW225	Jamalpur	08-Mar-65	11.44
Old Brahmaputra	SW225	Jamalpur	09-Mar-65	11.43
Old Brahmaputra	SW225	Jamalpur	10-Mar-65	11.41
Old Brahmaputra	SW225	Jamalpur	11-Mar-65	11.41
Old Brahmaputra	SW225	Jamalpur	12-Mar-65	11.4
Old Brahmaputra	SW225	Jamalpur	13-Mar-65	11.39
Old Brahmaputra	SW225	Jamalpur	14-Mar-65	11.39
Old Brahmaputra	SW225	Jamalpur	15-Mar-65	11.39
Old Brahmaputra	SW225	Jamalpur	16-Mar-65	11.39
Old Brahmaputra	SW225	Jamalpur	17-Mar-65	11.39

Old Brahmaputra	SW225	Jamalpur	18-Mar-65	11.37
Old Brahmaputra	SW225	Jamalpur	19-Mar-65	11.37
Old Brahmaputra	SW225	Jamalpur	20-Mar-65	11.37
Old Brahmaputra	SW225	Jamalpur	21-Mar-65	11.37
Old Brahmaputra	SW225	Jamalpur	22-Mar-65	11.37
Old Brahmaputra	SW225	Jamalpur	23-Mar-65	11.39
Old Brahmaputra	SW225	Jamalpur	24-Mar-65	11.41
Old Brahmaputra	SW225	Jamalpur	25-Mar-65	11.39
Old Brahmaputra	SW225	Jamalpur	26-Mar-65	11.39
Old Brahmaputra	SW225	Jamalpur	27-Mar-65	11.37
Old Brahmaputra	SW225	Jamalpur	28-Mar-65	11.37
Old Brahmaputra	SW225	Jamalpur	29-Mar-65	11.37
Old Brahmaputra	SW225	Jamalpur	30-Mar-65	11.39
Old Brahmaputra	SW225	Jamalpur	31-Mar-65	11.41
Old Brahmaputra	SW225	Jamalpur	01-Apr-65	11.44
Old Brahmaputra	SW225	Jamalpur	02-Apr-65	11.52
Old Brahmaputra	SW225	Jamalpur	03-Apr-65	11.56
Old Brahmaputra	SW225	Jamalpur	04-Apr-65	11.56
Old Brahmaputra	SW225	Jamalpur	05-Apr-65	11.55
Old Brahmaputra	SW225	Jamalpur	06-Apr-65	11.53
Old Brahmaputra	SW225	Jamalpur	07-Apr-65	11.51
Old Brahmaputra	SW225	Jamalpur	08-Apr-65	11.51
Old Brahmaputra	SW225	Jamalpur	09-Apr-65	11.53
Old Brahmaputra	SW225	Jamalpur	10-Apr-65	11.6
Old Brahmaputra	SW225	Jamalpur	11-Apr-65	11.63
Old Brahmaputra	SW225	Jamalpur	12-Apr-65	11.66
Old Brahmaputra	SW225	Jamalpur	13-Apr-65	11.68
Old Brahmaputra	SW225	Jamalpur	14-Apr-65	11.69
Old Brahmaputra	SW225	Jamalpur	15-Apr-65	11.7
Old Brahmaputra	SW225	Jamalpur	16-Apr-65	11.69
Old Brahmaputra	SW225	Jamalpur	17-Apr-65	11.69
Old Brahmaputra	SW225	Jamalpur	18-Apr-65	11.69
Old Brahmaputra	SW225	Jamalpur	19-Apr-65	11.72
Old Brahmaputra	SW225	Jamalpur	20-Apr-65	11.78
Old Brahmaputra	SW225	Jamalpur	21-Apr-65	11.85
Old Brahmaputra	SW225	Jamalpur	22-Apr-65	11.97
Old Brahmaputra	SW225	Jamalpur	23-Apr-65	12.15
Old Brahmaputra	SW225	Jamalpur	24-Apr-65	12.36
Old Brahmaputra	SW225	Jamalpur	25-Apr-65	12.38
Old Brahmaputra	SW225	Jamalpur	26-Apr-65	12.39
Old Brahmaputra	SW225	Jamalpur	27-Apr-65	12.39
Old Brahmaputra	SW225	Jamalpur	28-Apr-65	12.56
Old Brahmaputra	SW225	Jamalpur	29-Apr-65	12.64
Old Brahmaputra	SW225	Jamalpur	30-Apr-65	12.71
Old Brahmaputra	SW225	Jamalpur	01-May-65	12.64
Old Brahmaputra	SW225	Jamalpur	02-May-65	12.51
Old Brahmaputra	SW225	Jamalpur	03-May-65	12.54
Old Brahmaputra	SW225	Jamalpur	04-May-65	12.76
Old Brahmaputra	SW225	Jamalpur	05-May-65	12.88
Old Brahmaputra	SW225	Jamalpur	06-May-65	12.85

Old Brahmaputra	SW225	Jamalpur	07-May-65	12.78
Old Brahmaputra	SW225	Jamalpur	08-May-65	12.73
Old Brahmaputra	SW225	Jamalpur	09-May-65	12.69
Old Brahmaputra	SW225	Jamalpur	10-May-65	12.66
Old Brahmaputra	SW225	Jamalpur	11-May-65	12.77
Old Brahmaputra	SW225	Jamalpur	12-May-65	13.02
Old Brahmaputra	SW225	Jamalpur	13-May-65	13.16
Old Brahmaputra	SW225	Jamalpur	14-May-65	13.22
Old Brahmaputra	SW225	Jamalpur	15-May-65	13.35
Old Brahmaputra	SW225	Jamalpur	16-May-65	13.47
Old Brahmaputra	SW225	Jamalpur	17-May-65	13.61
Old Brahmaputra	SW225	Jamalpur	18-May-65	13.72
Old Brahmaputra	SW225	Jamalpur	19-May-65	13.87
Old Brahmaputra	SW225	Jamalpur	20-May-65	13.99
Old Brahmaputra	SW225	Jamalpur	21-May-65	13.99
Old Brahmaputra	SW225	Jamalpur	22-May-65	14.01
Old Brahmaputra	SW225	Jamalpur	23-May-65	13.96
Old Brahmaputra	SW225	Jamalpur	24-May-65	13.98
Old Brahmaputra	SW225	Jamalpur	25-May-65	14.11
Old Brahmaputra	SW225	Jamalpur	26-May-65	14.03
Old Brahmaputra	SW225	Jamalpur	27-May-65	13.96
Old Brahmaputra	SW225	Jamalpur	28-May-65	13.9
Old Brahmaputra	SW225	Jamalpur	29-May-65	13.84
Old Brahmaputra	SW225	Jamalpur	30-May-65	13.77
Old Brahmaputra	SW225	Jamalpur	31-May-65	13.7
Old Brahmaputra	SW225	Jamalpur	01-Jun-65	13.69
Old Brahmaputra	SW225	Jamalpur	02-Jun-65	13.84
Old Brahmaputra	SW225	Jamalpur	03-Jun-65	13.81
Old Brahmaputra	SW225	Jamalpur	04-Jun-65	13.77
Old Brahmaputra	SW225	Jamalpur	05-Jun-65	13.93
Old Brahmaputra	SW225	Jamalpur	06-Jun-65	14.32
Old Brahmaputra	SW225	Jamalpur	07-Jun-65	14.56
Old Brahmaputra	SW225	Jamalpur	08-Jun-65	14.83
Old Brahmaputra	SW225	Jamalpur	09-Jun-65	15.07
Old Brahmaputra	SW225	Jamalpur	10-Jun-65	15.28
Old Brahmaputra	SW225	Jamalpur	11-Jun-65	15.38
Old Brahmaputra	SW225	Jamalpur	12-Jun-65	15.5
Old Brahmaputra	SW225	Jamalpur	13-Jun-65	15.48
Old Brahmaputra	SW225	Jamalpur	14-Jun-65	15.35
Old Brahmaputra	SW225	Jamalpur	15-Jun-65	15.1
Old Brahmaputra	SW225	Jamalpur	16-Jun-65	14.89
Old Brahmaputra	SW225	Jamalpur	17-Jun-65	14.68
Old Brahmaputra	SW225	Jamalpur	18-Jun-65	14.52
Old Brahmaputra	SW225	Jamalpur	19-Jun-65	14.44
Old Brahmaputra	SW225	Jamalpur	20-Jun-65	14.46
Old Brahmaputra	SW225	Jamalpur	21-Jun-65	14.56
Old Brahmaputra	SW225	Jamalpur	22-Jun-65	14.73
Old Brahmaputra	SW225	Jamalpur	23-Jun-65	14.95
Old Brahmaputra	SW225	Jamalpur	24-Jun-65	14.92
Old Brahmaputra	SW225	Jamalpur	25-Jun-65	14.99

Old Brahmaputra	SW225	Jamalpur	26-Jun-65	15.12
Old Brahmaputra	SW225	Jamalpur	27-Jun-65	15.28
Old Brahmaputra	SW225	Jamalpur	28-Jun-65	15.44
Old Brahmaputra	SW225	Jamalpur	29-Jun-65	15.47
Old Brahmaputra	SW225	Jamalpur	30-Jun-65	15.48
Old Brahmaputra	SW225	Jamalpur	01-Jul-65	15.5
Old Brahmaputra	SW225	Jamalpur	02-Jul-65	15.56
Old Brahmaputra	SW225	Jamalpur	03-Jul-65	15.5
Old Brahmaputra	SW225	Jamalpur	04-Jul-65	15.47
Old Brahmaputra	SW225	Jamalpur	05-Jul-65	15.5
Old Brahmaputra	SW225	Jamalpur	06-Jul-65	15.47
Old Brahmaputra	SW225	Jamalpur	07-Jul-65	15.56
Old Brahmaputra	SW225	Jamalpur	08-Jul-65	15.69
Old Brahmaputra	SW225	Jamalpur	09-Jul-65	15.88
Old Brahmaputra	SW225	Jamalpur	10-Jul-65	15.94
Old Brahmaputra	SW225	Jamalpur	11-Jul-65	16
Old Brahmaputra	SW225	Jamalpur	12-Jul-65	16.06
Old Brahmaputra	SW225	Jamalpur	13-Jul-65	16.09
Old Brahmaputra	SW225	Jamalpur	14-Jul-65	16.03
Old Brahmaputra	SW225	Jamalpur	15-Jul-65	16
Old Brahmaputra	SW225	Jamalpur	16-Jul-65	15.94
Old Brahmaputra	SW225	Jamalpur	17-Jul-65	15.94
Old Brahmaputra	SW225	Jamalpur	18-Jul-65	15.85
Old Brahmaputra	SW225	Jamalpur	19-Jul-65	15.76
Old Brahmaputra	SW225	Jamalpur	20-Jul-65	15.69
Old Brahmaputra	SW225	Jamalpur	21-Jul-65	15.65
Old Brahmaputra	SW225	Jamalpur	22-Jul-65	15.65
Old Brahmaputra	SW225	Jamalpur	23-Jul-65	15.66
Old Brahmaputra	SW225	Jamalpur	24-Jul-65	15.69
Old Brahmaputra	SW225	Jamalpur	25-Jul-65	15.77
Old Brahmaputra	SW225	Jamalpur	26-Jul-65	15.91
Old Brahmaputra	SW225	Jamalpur	27-Jul-65	16
Old Brahmaputra	SW225	Jamalpur	28-Jul-65	16.05
Old Brahmaputra	SW225	Jamalpur	29-Jul-65	16.06
Old Brahmaputra	SW225	Jamalpur	30-Jul-65	16.13
Old Brahmaputra	SW225	Jamalpur	31-Jul-65	16.08
Old Brahmaputra	SW225	Jamalpur	01-Aug-65	16.01
Old Brahmaputra	SW225	Jamalpur	02-Aug-65	15.88
Old Brahmaputra	SW225	Jamalpur	03-Aug-65	15.76
Old Brahmaputra	SW225	Jamalpur	04-Aug-65	15.65
Old Brahmaputra	SW225	Jamalpur	05-Aug-65	15.6
Old Brahmaputra	SW225	Jamalpur	06-Aug-65	15.57
Old Brahmaputra	SW225	Jamalpur	07-Aug-65	15.6
Old Brahmaputra	SW225	Jamalpur	08-Aug-65	15.69
Old Brahmaputra	SW225	Jamalpur	09-Aug-65	15.85
Old Brahmaputra	SW225	Jamalpur	10-Aug-65	16.11
Old Brahmaputra	SW225	Jamalpur	11-Aug-65	16.32
Old Brahmaputra	SW225	Jamalpur	12-Aug-65	16.49
Old Brahmaputra	SW225	Jamalpur	13-Aug-65	16.64
Old Brahmaputra	SW225	Jamalpur	14-Aug-65	16.92

Old Brahmaputra	SW225	Jamalpur	15-Aug-65	17
Old Brahmaputra	SW225	Jamalpur	16-Aug-65	17.07
Old Brahmaputra	SW225	Jamalpur	17-Aug-65	17.04
Old Brahmaputra	SW225	Jamalpur	18-Aug-65	17
Old Brahmaputra	SW225	Jamalpur	19-Aug-65	16.94
Old Brahmaputra	SW225	Jamalpur	20-Aug-65	16.84
Old Brahmaputra	SW225	Jamalpur	21-Aug-65	16.76
Old Brahmaputra	SW225	Jamalpur	22-Aug-65	16.74
Old Brahmaputra	SW225	Jamalpur	23-Aug-65	16.67
Old Brahmaputra	SW225	Jamalpur	24-Aug-65	16.63
Old Brahmaputra	SW225	Jamalpur	25-Aug-65	16.61
Old Brahmaputra	SW225	Jamalpur	26-Aug-65	16.61
Old Brahmaputra	SW225	Jamalpur	27-Aug-65	16.61
Old Brahmaputra	SW225	Jamalpur	28-Aug-65	16.58
Old Brahmaputra	SW225	Jamalpur	29-Aug-65	16.49
Old Brahmaputra	SW225	Jamalpur	30-Aug-65	16.35
Old Brahmaputra	SW225	Jamalpur	31-Aug-65	16.29
Old Brahmaputra	SW225	Jamalpur	01-Sep-65	16.22
Old Brahmaputra	SW225	Jamalpur	02-Sep-65	16.13
Old Brahmaputra	SW225	Jamalpur	03-Sep-65	16.03
Old Brahmaputra	SW225	Jamalpur	04-Sep-65	15.93
Old Brahmaputra	SW225	Jamalpur	05-Sep-65	15.85
Old Brahmaputra	SW225	Jamalpur	06-Sep-65	15.71
Old Brahmaputra	SW225	Jamalpur	07-Sep-65	15.65
Old Brahmaputra	SW225	Jamalpur	08-Sep-65	15.45
Old Brahmaputra	SW225	Jamalpur	09-Sep-65	15.38
Old Brahmaputra	SW225	Jamalpur	10-Sep-65	15.4
Old Brahmaputra	SW225	Jamalpur	11-Sep-65	15.36
Old Brahmaputra	SW225	Jamalpur	12-Sep-65	15.31
Old Brahmaputra	SW225	Jamalpur	13-Sep-65	15.31
Old Brahmaputra	SW225	Jamalpur	14-Sep-65	15.4
Old Brahmaputra	SW225	Jamalpur	15-Sep-65	15.5
Old Brahmaputra	SW225	Jamalpur	16-Sep-65	15.53
Old Brahmaputra	SW225	Jamalpur	17-Sep-65	15.65
Old Brahmaputra	SW225	Jamalpur	18-Sep-65	15.84
Old Brahmaputra	SW225	Jamalpur	19-Sep-65	15.98
Old Brahmaputra	SW225	Jamalpur	20-Sep-65	16.13
Old Brahmaputra	SW225	Jamalpur	21-Sep-65	16.16
Old Brahmaputra	SW225	Jamalpur	22-Sep-65	16.13
Old Brahmaputra	SW225	Jamalpur	23-Sep-65	16.08
Old Brahmaputra	SW225	Jamalpur	24-Sep-65	16.01
Old Brahmaputra	SW225	Jamalpur	25-Sep-65	15.94
Old Brahmaputra	SW225	Jamalpur	26-Sep-65	15.85
Old Brahmaputra	SW225	Jamalpur	27-Sep-65	15.81
Old Brahmaputra	SW225	Jamalpur	28-Sep-65	15.68
Old Brahmaputra	SW225	Jamalpur	29-Sep-65	15.55
Old Brahmaputra	SW225	Jamalpur	30-Sep-65	15.44
Old Brahmaputra	SW225	Jamalpur	01-Oct-65	15.28
Old Brahmaputra	SW225	Jamalpur	02-Oct-65	15.19
Old Brahmaputra	SW225	Jamalpur	03-Oct-65	15.14

Old Brahmaputra	SW225	Jamalpur	04-Oct-65	15.07
Old Brahmaputra	SW225	Jamalpur	05-Oct-65	14.97
Old Brahmaputra	SW225	Jamalpur	06-Oct-65	14.88
Old Brahmaputra	SW225	Jamalpur	07-Oct-65	14.77
Old Brahmaputra	SW225	Jamalpur	08-Oct-65	14.66
Old Brahmaputra	SW225	Jamalpur	09-Oct-65	14.52
Old Brahmaputra	SW225	Jamalpur	10-Oct-65	14.39
Old Brahmaputra	SW225	Jamalpur	11-Oct-65	14.3
Old Brahmaputra	SW225	Jamalpur	12-Oct-65	14.15
Old Brahmaputra	SW225	Jamalpur	13-Oct-65	14.03
Old Brahmaputra	SW225	Jamalpur	14-Oct-65	13.94
Old Brahmaputra	SW225	Jamalpur	15-Oct-65	13.87
Old Brahmaputra	SW225	Jamalpur	16-Oct-65	13.77
Old Brahmaputra	SW225	Jamalpur	17-Oct-65	13.69
Old Brahmaputra	SW225	Jamalpur	18-Oct-65	13.6
Old Brahmaputra	SW225	Jamalpur	19-Oct-65	13.5
Old Brahmaputra	SW225	Jamalpur	20-Oct-65	13.43
Old Brahmaputra	SW225	Jamalpur	21-Oct-65	13.36
Old Brahmaputra	SW225	Jamalpur	22-Oct-65	13.32
Old Brahmaputra	SW225	Jamalpur	23-Oct-65	13.29
Old Brahmaputra	SW225	Jamalpur	24-Oct-65	13.23
Old Brahmaputra	SW225	Jamalpur	25-Oct-65	13.19
Old Brahmaputra	SW225	Jamalpur	26-Oct-65	13.16
Old Brahmaputra	SW225	Jamalpur	27-Oct-65	13.15
Old Brahmaputra	SW225	Jamalpur	28-Oct-65	13.19
Old Brahmaputra	SW225	Jamalpur	29-Oct-65	13.26
Old Brahmaputra	SW225	Jamalpur	30-Oct-65	13.35
Old Brahmaputra	SW225	Jamalpur	31-Oct-65	13.4
Old Brahmaputra	SW225	Jamalpur	01-Nov-65	13.35
Old Brahmaputra	SW225	Jamalpur	02-Nov-65	13.27
Old Brahmaputra	SW225	Jamalpur	03-Nov-65	13.22
Old Brahmaputra	SW225	Jamalpur	04-Nov-65	13.19
Old Brahmaputra	SW225	Jamalpur	05-Nov-65	13.16
Old Brahmaputra	SW225	Jamalpur	06-Nov-65	13.1
Old Brahmaputra	SW225	Jamalpur	07-Nov-65	13.07
Old Brahmaputra	SW225	Jamalpur	08-Nov-65	13.09
Old Brahmaputra	SW225	Jamalpur	09-Nov-65	13.14
Old Brahmaputra	SW225	Jamalpur	10-Nov-65	13.16
Old Brahmaputra	SW225	Jamalpur	11-Nov-65	13.16
Old Brahmaputra	SW225	Jamalpur	12-Nov-65	13.14
Old Brahmaputra	SW225	Jamalpur	13-Nov-65	13.16
Old Brahmaputra	SW225	Jamalpur	14-Nov-65	13.19
Old Brahmaputra	SW225	Jamalpur	15-Nov-65	13.16
Old Brahmaputra	SW225	Jamalpur	16-Nov-65	13.1
Old Brahmaputra	SW225	Jamalpur	17-Nov-65	13.02
Old Brahmaputra	SW225	Jamalpur	18-Nov-65	12.95
Old Brahmaputra	SW225	Jamalpur	19-Nov-65	12.9
Old Brahmaputra	SW225	Jamalpur	20-Nov-65	12.83
Old Brahmaputra	SW225	Jamalpur	21-Nov-65	12.77
Old Brahmaputra	SW225	Jamalpur	22-Nov-65	12.74

Old Brahmaputra	SW225	Jamalpur	23-Nov-65	12.68
Old Brahmaputra	SW225	Jamalpur	24-Nov-65	12.65
Old Brahmaputra	SW225	Jamalpur	25-Nov-65	12.59
Old Brahmaputra	SW225	Jamalpur	26-Nov-65	12.52
Old Brahmaputra	SW225	Jamalpur	27-Nov-65	12.51
Old Brahmaputra	SW225	Jamalpur	28-Nov-65	12.6
Old Brahmaputra	SW225	Jamalpur	29-Nov-65	12.47
Old Brahmaputra	SW225	Jamalpur	30-Nov-65	12.45
Old Brahmaputra	SW225	Jamalpur	01-Dec-65	12.4
Old Brahmaputra	SW225	Jamalpur	02-Dec-65	12.39
Old Brahmaputra	SW225	Jamalpur	03-Dec-65	12.38
Old Brahmaputra	SW225	Jamalpur	04-Dec-65	12.35
Old Brahmaputra	SW225	Jamalpur	05-Dec-65	12.31
Old Brahmaputra	SW225	Jamalpur	06-Dec-65	12.3
Old Brahmaputra	SW225	Jamalpur	07-Dec-65	12.28
Old Brahmaputra	SW225	Jamalpur	08-Dec-65	12.25
Old Brahmaputra	SW225	Jamalpur	09-Dec-65	12.23
Old Brahmaputra	SW225	Jamalpur	10-Dec-65	12.22
Old Brahmaputra	SW225	Jamalpur	11-Dec-65	12.2
Old Brahmaputra	SW225	Jamalpur	12-Dec-65	12.18
Old Brahmaputra	SW225	Jamalpur	13-Dec-65	12.15
Old Brahmaputra	SW225	Jamalpur	14-Dec-65	12.13
Old Brahmaputra	SW225	Jamalpur	15-Dec-65	12.11
Old Brahmaputra	SW225	Jamalpur	16-Dec-65	12.09
Old Brahmaputra	SW225	Jamalpur	17-Dec-65	12.07
Old Brahmaputra	SW225	Jamalpur	18-Dec-65	12.06
Old Brahmaputra	SW225	Jamalpur	19-Dec-65	12.04
Old Brahmaputra	SW225	Jamalpur	20-Dec-65	12.02
Old Brahmaputra	SW225	Jamalpur	21-Dec-65	12.01
Old Brahmaputra	SW225	Jamalpur	22-Dec-65	11.99
Old Brahmaputra	SW225	Jamalpur	23-Dec-65	11.98
Old Brahmaputra	SW225	Jamalpur	24-Dec-65	11.98
Old Brahmaputra	SW225	Jamalpur	25-Dec-65	11.97
Old Brahmaputra	SW225	Jamalpur	26-Dec-65	11.95
Old Brahmaputra	SW225	Jamalpur	27-Dec-65	11.95
Old Brahmaputra	SW225	Jamalpur	28-Dec-65	11.93
Old Brahmaputra	SW225	Jamalpur	29-Dec-65	11.91
Old Brahmaputra	SW225	Jamalpur	30-Dec-65	11.9
Old Brahmaputra	SW225	Jamalpur	31-Dec-65	11.89
Old Brahmaputra	SW225	Jamalpur	01-Jan-66	11.87
Old Brahmaputra	SW225	Jamalpur	02-Jan-66	11.85
Old Brahmaputra	SW225	Jamalpur	03-Jan-66	11.84
Old Brahmaputra	SW225	Jamalpur	04-Jan-66	11.84
Old Brahmaputra	SW225	Jamalpur	05-Jan-66	11.84
Old Brahmaputra	SW225	Jamalpur	06-Jan-66	11.82
Old Brahmaputra	SW225	Jamalpur	07-Jan-66	11.82
Old Brahmaputra	SW225	Jamalpur	08-Jan-66	11.81
Old Brahmaputra	SW225	Jamalpur	09-Jan-66	11.81
Old Brahmaputra	SW225	Jamalpur	10-Jan-66	11.81
Old Brahmaputra	SW225	Jamalpur	11-Jan-66	11.81

Old Brahmaputra	SW225	Jamalpur	12-Jan-66	11.81
Old Brahmaputra	SW225	Jamalpur	13-Jan-66	11.82
Old Brahmaputra	SW225	Jamalpur	14-Jan-66	11.81
Old Brahmaputra	SW225	Jamalpur	15-Jan-66	11.8
Old Brahmaputra	SW225	Jamalpur	16-Jan-66	11.8
Old Brahmaputra	SW225	Jamalpur	17-Jan-66	11.78
Old Brahmaputra	SW225	Jamalpur	18-Jan-66	11.77
Old Brahmaputra	SW225	Jamalpur	19-Jan-66	11.75
Old Brahmaputra	SW225	Jamalpur	20-Jan-66	11.73
Old Brahmaputra	SW225	Jamalpur	21-Jan-66	11.72
Old Brahmaputra	SW225	Jamalpur	22-Jan-66	11.7
Old Brahmaputra	SW225	Jamalpur	23-Jan-66	11.7
Old Brahmaputra	SW225	Jamalpur	24-Jan-66	11.69
Old Brahmaputra	SW225	Jamalpur	25-Jan-66	11.69
Old Brahmaputra	SW225	Jamalpur	26-Jan-66	11.69
Old Brahmaputra	SW225	Jamalpur	27-Jan-66	11.69
Old Brahmaputra	SW225	Jamalpur	28-Jan-66	11.68
Old Brahmaputra	SW225	Jamalpur	29-Jan-66	11.68
Old Brahmaputra	SW225	Jamalpur	30-Jan-66	11.68
Old Brahmaputra	SW225	Jamalpur	31-Jan-66	11.68
Old Brahmaputra	SW225	Jamalpur	01-Feb-66	11.68
Old Brahmaputra	SW225	Jamalpur	02-Feb-66	11.68
Old Brahmaputra	SW225	Jamalpur	03-Feb-66	11.68
Old Brahmaputra	SW225	Jamalpur	04-Feb-66	11.68
Old Brahmaputra	SW225	Jamalpur	05-Feb-66	11.66
Old Brahmaputra	SW225	Jamalpur	06-Feb-66	11.65
Old Brahmaputra	SW225	Jamalpur	07-Feb-66	11.65
Old Brahmaputra	SW225	Jamalpur	08-Feb-66	11.65
Old Brahmaputra	SW225	Jamalpur	09-Feb-66	11.65
Old Brahmaputra	SW225	Jamalpur	10-Feb-66	11.63
Old Brahmaputra	SW225	Jamalpur	11-Feb-66	11.63
Old Brahmaputra	SW225	Jamalpur	12-Feb-66	11.63
Old Brahmaputra	SW225	Jamalpur	13-Feb-66	11.61
Old Brahmaputra	SW225	Jamalpur	14-Feb-66	11.61
Old Brahmaputra	SW225	Jamalpur	15-Feb-66	11.6
Old Brahmaputra	SW225	Jamalpur	16-Feb-66	11.6
Old Brahmaputra	SW225	Jamalpur	17-Feb-66	11.6
Old Brahmaputra	SW225	Jamalpur	18-Feb-66	11.58
Old Brahmaputra	SW225	Jamalpur	19-Feb-66	11.58
Old Brahmaputra	SW225	Jamalpur	20-Feb-66	11.58
Old Brahmaputra	SW225	Jamalpur	21-Feb-66	11.58
Old Brahmaputra	SW225	Jamalpur	22-Feb-66	11.56
Old Brahmaputra	SW225	Jamalpur	23-Feb-66	11.55
Old Brahmaputra	SW225	Jamalpur	24-Feb-66	11.53
Old Brahmaputra	SW225	Jamalpur	25-Feb-66	11.53
Old Brahmaputra	SW225	Jamalpur	26-Feb-66	11.52
Old Brahmaputra	SW225	Jamalpur	27-Feb-66	11.52
Old Brahmaputra	SW225	Jamalpur	28-Feb-66	11.52
Old Brahmaputra	SW225	Jamalpur	01-Mar-66	11.52
Old Brahmaputra	SW225	Jamalpur	02-Mar-66	11.52

Old Brahmaputra	SW225	Jamalpur	03-Mar-66	11.52
Old Brahmaputra	SW225	Jamalpur	04-Mar-66	11.52
Old Brahmaputra	SW225	Jamalpur	05-Mar-66	11.52
Old Brahmaputra	SW225	Jamalpur	06-Mar-66	11.51
Old Brahmaputra	SW225	Jamalpur	07-Mar-66	11.51
Old Brahmaputra	SW225	Jamalpur	08-Mar-66	11.51
Old Brahmaputra	SW225	Jamalpur	09-Mar-66	11.51
Old Brahmaputra	SW225	Jamalpur	10-Mar-66	11.49
Old Brahmaputra	SW225	Jamalpur	11-Mar-66	11.49
Old Brahmaputra	SW225	Jamalpur	12-Mar-66	11.49
Old Brahmaputra	SW225	Jamalpur	13-Mar-66	11.49
Old Brahmaputra	SW225	Jamalpur	14-Mar-66	11.48
Old Brahmaputra	SW225	Jamalpur	15-Mar-66	11.49
Old Brahmaputra	SW225	Jamalpur	16-Mar-66	11.49
Old Brahmaputra	SW225	Jamalpur	17-Mar-66	11.49
Old Brahmaputra	SW225	Jamalpur	18-Mar-66	11.49
Old Brahmaputra	SW225	Jamalpur	19-Mar-66	11.49
Old Brahmaputra	SW225	Jamalpur	20-Mar-66	11.49
Old Brahmaputra	SW225	Jamalpur	21-Mar-66	11.49
Old Brahmaputra	SW225	Jamalpur	22-Mar-66	11.48
Old Brahmaputra	SW225	Jamalpur	23-Mar-66	11.46
Old Brahmaputra	SW225	Jamalpur	24-Mar-66	11.46
Old Brahmaputra	SW225	Jamalpur	25-Mar-66	11.44
Old Brahmaputra	SW225	Jamalpur	26-Mar-66	11.44
Old Brahmaputra	SW225	Jamalpur	27-Mar-66	11.44
Old Brahmaputra	SW225	Jamalpur	28-Mar-66	11.44
Old Brahmaputra	SW225	Jamalpur	29-Mar-66	11.44
Old Brahmaputra	SW225	Jamalpur	30-Mar-66	11.44
Old Brahmaputra	SW225	Jamalpur	31-Mar-66	11.43
Old Brahmaputra	SW225	Jamalpur	01-Apr-66	11.43
Old Brahmaputra	SW225	Jamalpur	02-Apr-66	11.43
Old Brahmaputra	SW225	Jamalpur	03-Apr-66	11.41
Old Brahmaputra	SW225	Jamalpur	04-Apr-66	11.41
Old Brahmaputra	SW225	Jamalpur	05-Apr-66	11.41
Old Brahmaputra	SW225	Jamalpur	06-Apr-66	11.43
Old Brahmaputra	SW225	Jamalpur	07-Apr-66	11.44
Old Brahmaputra	SW225	Jamalpur	08-Apr-66	11.46
Old Brahmaputra	SW225	Jamalpur	09-Apr-66	11.51
Old Brahmaputra	SW225	Jamalpur	10-Apr-66	11.55
Old Brahmaputra	SW225	Jamalpur	11-Apr-66	11.56
Old Brahmaputra	SW225	Jamalpur	12-Apr-66	11.52
Old Brahmaputra	SW225	Jamalpur	13-Apr-66	11.49
Old Brahmaputra	SW225	Jamalpur	14-Apr-66	11.46
Old Brahmaputra	SW225	Jamalpur	15-Apr-66	11.46
Old Brahmaputra	SW225	Jamalpur	16-Apr-66	11.46
Old Brahmaputra	SW225	Jamalpur	17-Apr-66	11.52
Old Brahmaputra	SW225	Jamalpur	18-Apr-66	11.61
Old Brahmaputra	SW225	Jamalpur	19-Apr-66	11.73
Old Brahmaputra	SW225	Jamalpur	20-Apr-66	11.77
Old Brahmaputra	SW225	Jamalpur	21-Apr-66	11.8

Old Brahmaputra	SW225	Jamalpur	22-Apr-66	11.82
Old Brahmaputra	SW225	Jamalpur	23-Apr-66	11.84
Old Brahmaputra	SW225	Jamalpur	24-Apr-66	11.87
Old Brahmaputra	SW225	Jamalpur	25-Apr-66	11.97
Old Brahmaputra	SW225	Jamalpur	26-Apr-66	12.16
Old Brahmaputra	SW225	Jamalpur	27-Apr-66	12.35
Old Brahmaputra	SW225	Jamalpur	28-Apr-66	12.38
Old Brahmaputra	SW225	Jamalpur	29-Apr-66	12.36
Old Brahmaputra	SW225	Jamalpur	30-Apr-66	12.28
Old Brahmaputra	SW225	Jamalpur	01-May-66	12.28
Old Brahmaputra	SW225	Jamalpur	02-May-66	12.27
Old Brahmaputra	SW225	Jamalpur	03-May-66	12.25
Old Brahmaputra	SW225	Jamalpur	04-May-66	12.25
Old Brahmaputra	SW225	Jamalpur	05-May-66	12.22
Old Brahmaputra	SW225	Jamalpur	06-May-66	12.2
Old Brahmaputra	SW225	Jamalpur	07-May-66	12.18
Old Brahmaputra	SW225	Jamalpur	08-May-66	12.2
Old Brahmaputra	SW225	Jamalpur	09-May-66	12.25
Old Brahmaputra	SW225	Jamalpur	10-May-66	12.33
Old Brahmaputra	SW225	Jamalpur	11-May-66	12.42
Old Brahmaputra	SW225	Jamalpur	12-May-66	12.62
Old Brahmaputra	SW225	Jamalpur	13-May-66	12.74
Old Brahmaputra	SW225	Jamalpur	14-May-66	12.71
Old Brahmaputra	SW225	Jamalpur	15-May-66	12.66
Old Brahmaputra	SW225	Jamalpur	16-May-66	12.66
Old Brahmaputra	SW225	Jamalpur	17-May-66	12.68
Old Brahmaputra	SW225	Jamalpur	18-May-66	12.68
Old Brahmaputra	SW225	Jamalpur	19-May-66	12.71
Old Brahmaputra	SW225	Jamalpur	20-May-66	12.76
Old Brahmaputra	SW225	Jamalpur	21-May-66	12.83
Old Brahmaputra	SW225	Jamalpur	22-May-66	12.9
Old Brahmaputra	SW225	Jamalpur	23-May-66	12.93
Old Brahmaputra	SW225	Jamalpur	24-May-66	13.02
Old Brahmaputra	SW225	Jamalpur	25-May-66	13.09
Old Brahmaputra	SW225	Jamalpur	26-May-66	12.95
Old Brahmaputra	SW225	Jamalpur	27-May-66	12.95
Old Brahmaputra	SW225	Jamalpur	28-May-66	12.95
Old Brahmaputra	SW225	Jamalpur	29-May-66	13.09
Old Brahmaputra	SW225	Jamalpur	30-May-66	13.23
Old Brahmaputra	SW225	Jamalpur	31-May-66	13.32
Old Brahmaputra	SW225	Jamalpur	01-Jun-66	13.44
Old Brahmaputra	SW225	Jamalpur	02-Jun-66	13.77
Old Brahmaputra	SW225	Jamalpur	03-Jun-66	14.1
Old Brahmaputra	SW225	Jamalpur	04-Jun-66	14.2
Old Brahmaputra	SW225	Jamalpur	05-Jun-66	14.27
Old Brahmaputra	SW225	Jamalpur	06-Jun-66	14.35
Old Brahmaputra	SW225	Jamalpur	07-Jun-66	14.51
Old Brahmaputra	SW225	Jamalpur	08-Jun-66	14.69
Old Brahmaputra	SW225	Jamalpur	09-Jun-66	14.75
Old Brahmaputra	SW225	Jamalpur	10-Jun-66	15.02

Old Brahmaputra	SW225	Jamalpur	11-Jun-66	15.26
Old Brahmaputra	SW225	Jamalpur	12-Jun-66	15.52
Old Brahmaputra	SW225	Jamalpur	13-Jun-66	15.76
Old Brahmaputra	SW225	Jamalpur	14-Jun-66	15.95
Old Brahmaputra	SW225	Jamalpur	15-Jun-66	16.27
Old Brahmaputra	SW225	Jamalpur	16-Jun-66	16.51
Old Brahmaputra	SW225	Jamalpur	17-Jun-66	16.55
Old Brahmaputra	SW225	Jamalpur	18-Jun-66	16.45
Old Brahmaputra	SW225	Jamalpur	19-Jun-66	16.27
Old Brahmaputra	SW225	Jamalpur	20-Jun-66	16.02
Old Brahmaputra	SW225	Jamalpur	21-Jun-66	15.81
Old Brahmaputra	SW225	Jamalpur	22-Jun-66	15.54
Old Brahmaputra	SW225	Jamalpur	23-Jun-66	15.3
Old Brahmaputra	SW225	Jamalpur	24-Jun-66	15.08
Old Brahmaputra	SW225	Jamalpur	25-Jun-66	14.96
Old Brahmaputra	SW225	Jamalpur	26-Jun-66	14.84
Old Brahmaputra	SW225	Jamalpur	27-Jun-66	14.77
Old Brahmaputra	SW225	Jamalpur	28-Jun-66	14.72
Old Brahmaputra	SW225	Jamalpur	29-Jun-66	14.7
Old Brahmaputra	SW225	Jamalpur	30-Jun-66	14.81
Old Brahmaputra	SW225	Jamalpur	01-Jul-66	14.93
Old Brahmaputra	SW225	Jamalpur	02-Jul-66	15.11
Old Brahmaputra	SW225	Jamalpur	03-Jul-66	15.35
Old Brahmaputra	SW225	Jamalpur	04-Jul-66	15.65
Old Brahmaputra	SW225	Jamalpur	05-Jul-66	15.85
Old Brahmaputra	SW225	Jamalpur	06-Jul-66	15.94
Old Brahmaputra	SW225	Jamalpur	07-Jul-66	16.08
Old Brahmaputra	SW225	Jamalpur	08-Jul-66	16.24
Old Brahmaputra	SW225	Jamalpur	09-Jul-66	16.3
Old Brahmaputra	SW225	Jamalpur	10-Jul-66	16.32
Old Brahmaputra	SW225	Jamalpur	11-Jul-66	16.32
Old Brahmaputra	SW225	Jamalpur	12-Jul-66	16.3
Old Brahmaputra	SW225	Jamalpur	13-Jul-66	16.34
Old Brahmaputra	SW225	Jamalpur	14-Jul-66	16.33
Old Brahmaputra	SW225	Jamalpur	15-Jul-66	16.33
Old Brahmaputra	SW225	Jamalpur	16-Jul-66	16.33
Old Brahmaputra	SW225	Jamalpur	17-Jul-66	16.34
Old Brahmaputra	SW225	Jamalpur	18-Jul-66	16.34
Old Brahmaputra	SW225	Jamalpur	19-Jul-66	16.34
Old Brahmaputra	SW225	Jamalpur	20-Jul-66	16.33
Old Brahmaputra	SW225	Jamalpur	21-Jul-66	16.28
Old Brahmaputra	SW225	Jamalpur	22-Jul-66	16.24
Old Brahmaputra	SW225	Jamalpur	23-Jul-66	16.19
Old Brahmaputra	SW225	Jamalpur	24-Jul-66	16.08
Old Brahmaputra	SW225	Jamalpur	25-Jul-66	15.97
Old Brahmaputra	SW225	Jamalpur	26-Jul-66	15.86
Old Brahmaputra	SW225	Jamalpur	27-Jul-66	15.78
Old Brahmaputra	SW225	Jamalpur	28-Jul-66	15.77
Old Brahmaputra	SW225	Jamalpur	29-Jul-66	15.75
Old Brahmaputra	SW225	Jamalpur	30-Jul-66	15.72

Old Brahmaputra	SW225	Jamalpur	31-Jul-66	15.68
Old Brahmaputra	SW225	Jamalpur	01-Aug-66	15.61
Old Brahmaputra	SW225	Jamalpur	02-Aug-66	15.72
Old Brahmaputra	SW225	Jamalpur	03-Aug-66	15.78
Old Brahmaputra	SW225	Jamalpur	04-Aug-66	15.88
Old Brahmaputra	SW225	Jamalpur	05-Aug-66	15.92
Old Brahmaputra	SW225	Jamalpur	06-Aug-66	15.92
Old Brahmaputra	SW225	Jamalpur	07-Aug-66	15.92
Old Brahmaputra	SW225	Jamalpur	08-Aug-66	16.11
Old Brahmaputra	SW225	Jamalpur	09-Aug-66	16.14
Old Brahmaputra	SW225	Jamalpur	10-Aug-66	16.23
Old Brahmaputra	SW225	Jamalpur	11-Aug-66	16.35
Old Brahmaputra	SW225	Jamalpur	12-Aug-66	16.42
Old Brahmaputra	SW225	Jamalpur	13-Aug-66	16.42
Old Brahmaputra	SW225	Jamalpur	14-Aug-66	16.42
Old Brahmaputra	SW225	Jamalpur	15-Aug-66	16.42
Old Brahmaputra	SW225	Jamalpur	16-Aug-66	16.39
Old Brahmaputra	SW225	Jamalpur	17-Aug-66	16.39
Old Brahmaputra	SW225	Jamalpur	18-Aug-66	16.39
Old Brahmaputra	SW225	Jamalpur	19-Aug-66	16.39
Old Brahmaputra	SW225	Jamalpur	20-Aug-66	16.39
Old Brahmaputra	SW225	Jamalpur	21-Aug-66	16.42
Old Brahmaputra	SW225	Jamalpur	22-Aug-66	16.39
Old Brahmaputra	SW225	Jamalpur	23-Aug-66	16.32
Old Brahmaputra	SW225	Jamalpur	24-Aug-66	16.42
Old Brahmaputra	SW225	Jamalpur	25-Aug-66	16.55
Old Brahmaputra	SW225	Jamalpur	26-Aug-66	16.8
Old Brahmaputra	SW225	Jamalpur	27-Aug-66	16.94
Old Brahmaputra	SW225	Jamalpur	28-Aug-66	16.99
Old Brahmaputra	SW225	Jamalpur	29-Aug-66	16.98
Old Brahmaputra	SW225	Jamalpur	30-Aug-66	16.94
Old Brahmaputra	SW225	Jamalpur	31-Aug-66	16.98
Old Brahmaputra	SW225	Jamalpur	01-Sep-66	17
Old Brahmaputra	SW225	Jamalpur	02-Sep-66	17.04
Old Brahmaputra	SW225	Jamalpur	03-Sep-66	16.98
Old Brahmaputra	SW225	Jamalpur	04-Sep-66	16.94
Old Brahmaputra	SW225	Jamalpur	05-Sep-66	16.89
Old Brahmaputra	SW225	Jamalpur	06-Sep-66	16.83
Old Brahmaputra	SW225	Jamalpur	07-Sep-66	16.74
Old Brahmaputra	SW225	Jamalpur	08-Sep-66	16.64
Old Brahmaputra	SW225	Jamalpur	09-Sep-66	16.58
Old Brahmaputra	SW225	Jamalpur	10-Sep-66	16.52
Old Brahmaputra	SW225	Jamalpur	11-Sep-66	16.49
Old Brahmaputra	SW225	Jamalpur	12-Sep-66	16.44
Old Brahmaputra	SW225	Jamalpur	13-Sep-66	16.42
Old Brahmaputra	SW225	Jamalpur	14-Sep-66	16.42
Old Brahmaputra	SW225	Jamalpur	15-Sep-66	16.42
Old Brahmaputra	SW225	Jamalpur	16-Sep-66	16.4
Old Brahmaputra	SW225	Jamalpur	17-Sep-66	16.36
Old Brahmaputra	SW225	Jamalpur	18-Sep-66	16.33

Old Brahmaputra	SW225	Jamalpur	19-Sep-66	16.29
Old Brahmaputra	SW225	Jamalpur	20-Sep-66	16.23
Old Brahmaputra	SW225	Jamalpur	21-Sep-66	16.16
Old Brahmaputra	SW225	Jamalpur	22-Sep-66	16.09
Old Brahmaputra	SW225	Jamalpur	23-Sep-66	15.88
Old Brahmaputra	SW225	Jamalpur	24-Sep-66	15.76
Old Brahmaputra	SW225	Jamalpur	25-Sep-66	15.65
Old Brahmaputra	SW225	Jamalpur	26-Sep-66	15.53
Old Brahmaputra	SW225	Jamalpur	27-Sep-66	15.4
Old Brahmaputra	SW225	Jamalpur	28-Sep-66	15.4
Old Brahmaputra	SW225	Jamalpur	29-Sep-66	15.14
Old Brahmaputra	SW225	Jamalpur	30-Sep-66	15.01
Old Brahmaputra	SW225	Jamalpur	01-Oct-66	14.97
Old Brahmaputra	SW225	Jamalpur	02-Oct-66	14.9
Old Brahmaputra	SW225	Jamalpur	03-Oct-66	14.97
Old Brahmaputra	SW225	Jamalpur	04-Oct-66	15.02
Old Brahmaputra	SW225	Jamalpur	05-Oct-66	14.97
Old Brahmaputra	SW225	Jamalpur	06-Oct-66	14.9
Old Brahmaputra	SW225	Jamalpur	07-Oct-66	14.92
Old Brahmaputra	SW225	Jamalpur	08-Oct-66	14.99
Old Brahmaputra	SW225	Jamalpur	09-Oct-66	15.02
Old Brahmaputra	SW225	Jamalpur	10-Oct-66	14.99
Old Brahmaputra	SW225	Jamalpur	11-Oct-66	14.89
Old Brahmaputra	SW225	Jamalpur	12-Oct-66	14.77
Old Brahmaputra	SW225	Jamalpur	13-Oct-66	14.66
Old Brahmaputra	SW225	Jamalpur	14-Oct-66	14.57
Old Brahmaputra	SW225	Jamalpur	15-Oct-66	14.44
Old Brahmaputra	SW225	Jamalpur	16-Oct-66	14.35
Old Brahmaputra	SW225	Jamalpur	17-Oct-66	14.3
Old Brahmaputra	SW225	Jamalpur	18-Oct-66	14.2
Old Brahmaputra	SW225	Jamalpur	19-Oct-66	14.18
Old Brahmaputra	SW225	Jamalpur	20-Oct-66	14.08
Old Brahmaputra	SW225	Jamalpur	21-Oct-66	14.03
Old Brahmaputra	SW225	Jamalpur	22-Oct-66	13.99
Old Brahmaputra	SW225	Jamalpur	23-Oct-66	13.93
Old Brahmaputra	SW225	Jamalpur	24-Oct-66	13.9
Old Brahmaputra	SW225	Jamalpur	25-Oct-66	13.87
Old Brahmaputra	SW225	Jamalpur	26-Oct-66	13.81
Old Brahmaputra	SW225	Jamalpur	27-Oct-66	13.76
Old Brahmaputra	SW225	Jamalpur	28-Oct-66	13.73
Old Brahmaputra	SW225	Jamalpur	29-Oct-66	13.69
Old Brahmaputra	SW225	Jamalpur	30-Oct-66	13.65
Old Brahmaputra	SW225	Jamalpur	31-Oct-66	13.61
Old Brahmaputra	SW225	Jamalpur	01-Nov-66	13.56
Old Brahmaputra	SW225	Jamalpur	02-Nov-66	13.48
Old Brahmaputra	SW225	Jamalpur	03-Nov-66	13.44
Old Brahmaputra	SW225	Jamalpur	04-Nov-66	13.38
Old Brahmaputra	SW225	Jamalpur	05-Nov-66	13.36
Old Brahmaputra	SW225	Jamalpur	06-Nov-66	13.29
Old Brahmaputra	SW225	Jamalpur	07-Nov-66	13.26

Old Brahmaputra	SW225	Jamalpur	08-Nov-66	13.23
Old Brahmaputra	SW225	Jamalpur	09-Nov-66	13.19
Old Brahmaputra	SW225	Jamalpur	10-Nov-66	13.16
Old Brahmaputra	SW225	Jamalpur	11-Nov-66	13.14
Old Brahmaputra	SW225	Jamalpur	12-Nov-66	13.1
Old Brahmaputra	SW225	Jamalpur	13-Nov-66	13.07
Old Brahmaputra	SW225	Jamalpur	14-Nov-66	13.05
Old Brahmaputra	SW225	Jamalpur	15-Nov-66	13.02
Old Brahmaputra	SW225	Jamalpur	16-Nov-66	13.02
Old Brahmaputra	SW225	Jamalpur	17-Nov-66	12.98
Old Brahmaputra	SW225	Jamalpur	18-Nov-66	12.97
Old Brahmaputra	SW225	Jamalpur	19-Nov-66	12.94
Old Brahmaputra	SW225	Jamalpur	20-Nov-66	12.93
Old Brahmaputra	SW225	Jamalpur	21-Nov-66	12.91
Old Brahmaputra	SW225	Jamalpur	22-Nov-66	12.9
Old Brahmaputra	SW225	Jamalpur	23-Nov-66	12.9
Old Brahmaputra	SW225	Jamalpur	24-Nov-66	12.91
Old Brahmaputra	SW225	Jamalpur	25-Nov-66	12.94
Old Brahmaputra	SW225	Jamalpur	26-Nov-66	12.94
Old Brahmaputra	SW225	Jamalpur	27-Nov-66	12.93
Old Brahmaputra	SW225	Jamalpur	28-Nov-66	12.86
Old Brahmaputra	SW225	Jamalpur	29-Nov-66	12.81
Old Brahmaputra	SW225	Jamalpur	30-Nov-66	12.78
Old Brahmaputra	SW225	Jamalpur	01-Dec-66	12.77
Old Brahmaputra	SW225	Jamalpur	02-Dec-66	12.76
Old Brahmaputra	SW225	Jamalpur	03-Dec-66	12.76
Old Brahmaputra	SW225	Jamalpur	04-Dec-66	12.74
Old Brahmaputra	SW225	Jamalpur	05-Dec-66	12.73
Old Brahmaputra	SW225	Jamalpur	06-Dec-66	12.73
Old Brahmaputra	SW225	Jamalpur	07-Dec-66	12.71
Old Brahmaputra	SW225	Jamalpur	08-Dec-66	12.69
Old Brahmaputra	SW225	Jamalpur	09-Dec-66	12.66
Old Brahmaputra	SW225	Jamalpur	10-Dec-66	12.64
Old Brahmaputra	SW225	Jamalpur	11-Dec-66	12.6
Old Brahmaputra	SW225	Jamalpur	12-Dec-66	12.59
Old Brahmaputra	SW225	Jamalpur	13-Dec-66	12.57
Old Brahmaputra	SW225	Jamalpur	14-Dec-66	12.56
Old Brahmaputra	SW225	Jamalpur	15-Dec-66	12.54
Old Brahmaputra	SW225	Jamalpur	16-Dec-66	12.52
Old Brahmaputra	SW225	Jamalpur	17-Dec-66	12.51
Old Brahmaputra	SW225	Jamalpur	18-Dec-66	12.48
Old Brahmaputra	SW225	Jamalpur	19-Dec-66	12.47
Old Brahmaputra	SW225	Jamalpur	20-Dec-66	12.45
Old Brahmaputra	SW225	Jamalpur	21-Dec-66	12.44
Old Brahmaputra	SW225	Jamalpur	22-Dec-66	12.42
Old Brahmaputra	SW225	Jamalpur	23-Dec-66	12.4
Old Brahmaputra	SW225	Jamalpur	24-Dec-66	12.39
Old Brahmaputra	SW225	Jamalpur	25-Dec-66	12.38
Old Brahmaputra	SW225	Jamalpur	26-Dec-66	12.36
Old Brahmaputra	SW225	Jamalpur	27-Dec-66	12.35

Old Brahmaputra	SW225	Jamalpur	28-Dec-66	12.33
Old Brahmaputra	SW225	Jamalpur	29-Dec-66	12.31
Old Brahmaputra	SW225	Jamalpur	30-Dec-66	12.31
Old Brahmaputra	SW225	Jamalpur	31-Dec-66	12.28
Old Brahmaputra	SW225	Jamalpur	01-Jan-67	12.27
Old Brahmaputra	SW225	Jamalpur	02-Jan-67	12.25
Old Brahmaputra	SW225	Jamalpur	03-Jan-67	12.25
Old Brahmaputra	SW225	Jamalpur	04-Jan-67	12.23
Old Brahmaputra	SW225	Jamalpur	05-Jan-67	12.23
Old Brahmaputra	SW225	Jamalpur	06-Jan-67	12.2
Old Brahmaputra	SW225	Jamalpur	07-Jan-67	12.19
Old Brahmaputra	SW225	Jamalpur	08-Jan-67	12.19
Old Brahmaputra	SW225	Jamalpur	09-Jan-67	12.19
Old Brahmaputra	SW225	Jamalpur	10-Jan-67	12.18
Old Brahmaputra	SW225	Jamalpur	11-Jan-67	12.16
Old Brahmaputra	SW225	Jamalpur	12-Jan-67	12.13
Old Brahmaputra	SW225	Jamalpur	13-Jan-67	12.13
Old Brahmaputra	SW225	Jamalpur	14-Jan-67	12.11
Old Brahmaputra	SW225	Jamalpur	15-Jan-67	12.11
Old Brahmaputra	SW225	Jamalpur	16-Jan-67	12.1
Old Brahmaputra	SW225	Jamalpur	17-Jan-67	12.1
Old Brahmaputra	SW225	Jamalpur	18-Jan-67	12.09
Old Brahmaputra	SW225	Jamalpur	19-Jan-67	12.07
Old Brahmaputra	SW225	Jamalpur	20-Jan-67	12.07
Old Brahmaputra	SW225	Jamalpur	21-Jan-67	12.07
Old Brahmaputra	SW225	Jamalpur	22-Jan-67	12.06
Old Brahmaputra	SW225	Jamalpur	23-Jan-67	12.04
Old Brahmaputra	SW225	Jamalpur	24-Jan-67	12.04
Old Brahmaputra	SW225	Jamalpur	25-Jan-67	12.02
Old Brahmaputra	SW225	Jamalpur	26-Jan-67	12.02
Old Brahmaputra	SW225	Jamalpur	27-Jan-67	12.01
Old Brahmaputra	SW225	Jamalpur	28-Jan-67	12.01
Old Brahmaputra	SW225	Jamalpur	29-Jan-67	11.99
Old Brahmaputra	SW225	Jamalpur	30-Jan-67	11.98
Old Brahmaputra	SW225	Jamalpur	31-Jan-67	11.98
Old Brahmaputra	SW225	Jamalpur	01-Feb-67	11.97
Old Brahmaputra	SW225	Jamalpur	02-Feb-67	11.97
Old Brahmaputra	SW225	Jamalpur	03-Feb-67	11.95
Old Brahmaputra	SW225	Jamalpur	04-Feb-67	11.95
Old Brahmaputra	SW225	Jamalpur	05-Feb-67	11.93
Old Brahmaputra	SW225	Jamalpur	06-Feb-67	11.93
Old Brahmaputra	SW225	Jamalpur	07-Feb-67	11.91
Old Brahmaputra	SW225	Jamalpur	08-Feb-67	11.91
Old Brahmaputra	SW225	Jamalpur	09-Feb-67	11.91
Old Brahmaputra	SW225	Jamalpur	10-Feb-67	11.91
Old Brahmaputra	SW225	Jamalpur	11-Feb-67	11.9
Old Brahmaputra	SW225	Jamalpur	12-Feb-67	11.9
Old Brahmaputra	SW225	Jamalpur	13-Feb-67	11.9
Old Brahmaputra	SW225	Jamalpur	14-Feb-67	11.89
Old Brahmaputra	SW225	Jamalpur	15-Feb-67	11.89

Old Brahmaputra	SW225	Jamalpur	16-Feb-67	11.89
Old Brahmaputra	SW225	Jamalpur	17-Feb-67	11.89
Old Brahmaputra	SW225	Jamalpur	18-Feb-67	11.89
Old Brahmaputra	SW225	Jamalpur	19-Feb-67	11.89
Old Brahmaputra	SW225	Jamalpur	20-Feb-67	11.89
Old Brahmaputra	SW225	Jamalpur	21-Feb-67	11.9
Old Brahmaputra	SW225	Jamalpur	22-Feb-67	11.9
Old Brahmaputra	SW225	Jamalpur	23-Feb-67	11.9
Old Brahmaputra	SW225	Jamalpur	24-Feb-67	11.9
Old Brahmaputra	SW225	Jamalpur	25-Feb-67	11.9
Old Brahmaputra	SW225	Jamalpur	26-Feb-67	11.9
Old Brahmaputra	SW225	Jamalpur	27-Feb-67	11.89
Old Brahmaputra	SW225	Jamalpur	28-Feb-67	11.89
Old Brahmaputra	SW225	Jamalpur	01-Mar-67	11.89
Old Brahmaputra	SW225	Jamalpur	02-Mar-67	11.89
Old Brahmaputra	SW225	Jamalpur	03-Mar-67	11.9
Old Brahmaputra	SW225	Jamalpur	04-Mar-67	11.91
Old Brahmaputra	SW225	Jamalpur	05-Mar-67	11.95
Old Brahmaputra	SW225	Jamalpur	06-Mar-67	11.98
Old Brahmaputra	SW225	Jamalpur	07-Mar-67	12.01
Old Brahmaputra	SW225	Jamalpur	08-Mar-67	11.98
Old Brahmaputra	SW225	Jamalpur	09-Mar-67	11.95
Old Brahmaputra	SW225	Jamalpur	10-Mar-67	11.93
Old Brahmaputra	SW225	Jamalpur	11-Mar-67	11.91
Old Brahmaputra	SW225	Jamalpur	12-Mar-67	11.91
Old Brahmaputra	SW225	Jamalpur	13-Mar-67	11.93
Old Brahmaputra	SW225	Jamalpur	14-Mar-67	11.93
Old Brahmaputra	SW225	Jamalpur	15-Mar-67	11.97
Old Brahmaputra	SW225	Jamalpur	16-Mar-67	11.98
Old Brahmaputra	SW225	Jamalpur	17-Mar-67	11.99
Old Brahmaputra	SW225	Jamalpur	18-Mar-67	12.01
Old Brahmaputra	SW225	Jamalpur	19-Mar-67	12.01
Old Brahmaputra	SW225	Jamalpur	20-Mar-67	11.99
Old Brahmaputra	SW225	Jamalpur	21-Mar-67	11.98
Old Brahmaputra	SW225	Jamalpur	22-Mar-67	11.99
Old Brahmaputra	SW225	Jamalpur	23-Mar-67	12.01
Old Brahmaputra	SW225	Jamalpur	24-Mar-67	12.02
Old Brahmaputra	SW225	Jamalpur	25-Mar-67	12.06
Old Brahmaputra	SW225	Jamalpur	26-Mar-67	12.1
Old Brahmaputra	SW225	Jamalpur	27-Mar-67	12.16
Old Brahmaputra	SW225	Jamalpur	28-Mar-67	12.22
Old Brahmaputra	SW225	Jamalpur	29-Mar-67	12.28
Old Brahmaputra	SW225	Jamalpur	30-Mar-67	12.28
Old Brahmaputra	SW225	Jamalpur	31-Mar-67	12.27
Old Brahmaputra	SW225	Jamalpur	01-Apr-67	12.25
Old Brahmaputra	SW225	Jamalpur	02-Apr-67	12.25
Old Brahmaputra	SW225	Jamalpur	03-Apr-67	12.23
Old Brahmaputra	SW225	Jamalpur	04-Apr-67	12.22
Old Brahmaputra	SW225	Jamalpur	05-Apr-67	12.2
Old Brahmaputra	SW225	Jamalpur	06-Apr-67	12.22

Old Brahmaputra	SW225	Jamalpur	07-Apr-67	12.23
Old Brahmaputra	SW225	Jamalpur	08-Apr-67	12.25
Old Brahmaputra	SW225	Jamalpur	09-Apr-67	12.25
Old Brahmaputra	SW225	Jamalpur	10-Apr-67	12.2
Old Brahmaputra	SW225	Jamalpur	11-Apr-67	12.16
Old Brahmaputra	SW225	Jamalpur	12-Apr-67	12.15
Old Brahmaputra	SW225	Jamalpur	13-Apr-67	12.11
Old Brahmaputra	SW225	Jamalpur	14-Apr-67	12.13
Old Brahmaputra	SW225	Jamalpur	15-Apr-67	12.13
Old Brahmaputra	SW225	Jamalpur	16-Apr-67	12.13
Old Brahmaputra	SW225	Jamalpur	17-Apr-67	12.13
Old Brahmaputra	SW225	Jamalpur	18-Apr-67	12.13
Old Brahmaputra	SW225	Jamalpur	19-Apr-67	12.11
Old Brahmaputra	SW225	Jamalpur	20-Apr-67	12.11
Old Brahmaputra	SW225	Jamalpur	21-Apr-67	12.11
Old Brahmaputra	SW225	Jamalpur	22-Apr-67	12.13
Old Brahmaputra	SW225	Jamalpur	23-Apr-67	12.19
Old Brahmaputra	SW225	Jamalpur	24-Apr-67	12.16
Old Brahmaputra	SW225	Jamalpur	25-Apr-67	12.15
Old Brahmaputra	SW225	Jamalpur	26-Apr-67	12.18
Old Brahmaputra	SW225	Jamalpur	27-Apr-67	12.22
Old Brahmaputra	SW225	Jamalpur	28-Apr-67	12.28
Old Brahmaputra	SW225	Jamalpur	29-Apr-67	12.31
Old Brahmaputra	SW225	Jamalpur	30-Apr-67	12.33
Old Brahmaputra	SW225	Jamalpur	01-May-67	12.33
Old Brahmaputra	SW225	Jamalpur	02-May-67	12.3
Old Brahmaputra	SW225	Jamalpur	03-May-67	12.33
Old Brahmaputra	SW225	Jamalpur	04-May-67	12.38
Old Brahmaputra	SW225	Jamalpur	05-May-67	12.4
Old Brahmaputra	SW225	Jamalpur	06-May-67	12.44
Old Brahmaputra	SW225	Jamalpur	07-May-67	12.49
Old Brahmaputra	SW225	Jamalpur	08-May-67	12.6
Old Brahmaputra	SW225	Jamalpur	09-May-67	12.9
Old Brahmaputra	SW225	Jamalpur	10-May-67	13.15
Old Brahmaputra	SW225	Jamalpur	11-May-67	13.16
Old Brahmaputra	SW225	Jamalpur	12-May-67	13.29
Old Brahmaputra	SW225	Jamalpur	13-May-67	13.5
Old Brahmaputra	SW225	Jamalpur	14-May-67	13.64
Old Brahmaputra	SW225	Jamalpur	15-May-67	13.6
Old Brahmaputra	SW225	Jamalpur	16-May-67	13.56
Old Brahmaputra	SW225	Jamalpur	17-May-67	13.5
Old Brahmaputra	SW225	Jamalpur	18-May-67	13.47
Old Brahmaputra	SW225	Jamalpur	19-May-67	13.44
Old Brahmaputra	SW225	Jamalpur	20-May-67	13.41
Old Brahmaputra	SW225	Jamalpur	21-May-67	13.35
Old Brahmaputra	SW225	Jamalpur	22-May-67	13.32
Old Brahmaputra	SW225	Jamalpur	23-May-67	13.29
Old Brahmaputra	SW225	Jamalpur	24-May-67	13.26
Old Brahmaputra	SW225	Jamalpur	25-May-67	13.19
Old Brahmaputra	SW225	Jamalpur	26-May-67	13.16

Old Brahmaputra	SW225	Jamalpur	27-May-67	13.18
Old Brahmaputra	SW225	Jamalpur	28-May-67	13.26
Old Brahmaputra	SW225	Jamalpur	29-May-67	13.32
Old Brahmaputra	SW225	Jamalpur	30-May-67	13.34
Old Brahmaputra	SW225	Jamalpur	31-May-67	13.36
Old Brahmaputra	SW225	Jamalpur	01-Jun-67	13.44
Old Brahmaputra	SW225	Jamalpur	02-Jun-67	13.5
Old Brahmaputra	SW225	Jamalpur	03-Jun-67	13.61
Old Brahmaputra	SW225	Jamalpur	04-Jun-67	13.69
Old Brahmaputra	SW225	Jamalpur	05-Jun-67	13.79
Old Brahmaputra	SW225	Jamalpur	06-Jun-67	13.9
Old Brahmaputra	SW225	Jamalpur	07-Jun-67	13.99
Old Brahmaputra	SW225	Jamalpur	08-Jun-67	14.11
Old Brahmaputra	SW225	Jamalpur	09-Jun-67	14.25
Old Brahmaputra	SW225	Jamalpur	10-Jun-67	14.27
Old Brahmaputra	SW225	Jamalpur	11-Jun-67	14.34
Old Brahmaputra	SW225	Jamalpur	12-Jun-67	14.39
Old Brahmaputra	SW225	Jamalpur	13-Jun-67	14.48
Old Brahmaputra	SW225	Jamalpur	14-Jun-67	14.54
Old Brahmaputra	SW225	Jamalpur	15-Jun-67	14.68
Old Brahmaputra	SW225	Jamalpur	16-Jun-67	14.69
Old Brahmaputra	SW225	Jamalpur	17-Jun-67	14.65
Old Brahmaputra	SW225	Jamalpur	18-Jun-67	14.63
Old Brahmaputra	SW225	Jamalpur	19-Jun-67	14.63
Old Brahmaputra	SW225	Jamalpur	20-Jun-67	14.7
Old Brahmaputra	SW225	Jamalpur	21-Jun-67	14.85
Old Brahmaputra	SW225	Jamalpur	22-Jun-67	14.99
Old Brahmaputra	SW225	Jamalpur	23-Jun-67	15.1
Old Brahmaputra	SW225	Jamalpur	24-Jun-67	15.12
Old Brahmaputra	SW225	Jamalpur	25-Jun-67	15.14
Old Brahmaputra	SW225	Jamalpur	26-Jun-67	15.21
Old Brahmaputra	SW225	Jamalpur	27-Jun-67	15.33
Old Brahmaputra	SW225	Jamalpur	28-Jun-67	15.39
Old Brahmaputra	SW225	Jamalpur	29-Jun-67	15.42
Old Brahmaputra	SW225	Jamalpur	30-Jun-67	15.42
Old Brahmaputra	SW225	Jamalpur	01-Jul-67	15.42
Old Brahmaputra	SW225	Jamalpur	02-Jul-67	15.45
Old Brahmaputra	SW225	Jamalpur	03-Jul-67	15.48
Old Brahmaputra	SW225	Jamalpur	04-Jul-67	15.48
Old Brahmaputra	SW225	Jamalpur	05-Jul-67	15.45
Old Brahmaputra	SW225	Jamalpur	06-Jul-67	15.42
Old Brahmaputra	SW225	Jamalpur	07-Jul-67	15.42
Old Brahmaputra	SW225	Jamalpur	08-Jul-67	15.5
Old Brahmaputra	SW225	Jamalpur	09-Jul-67	15.56
Old Brahmaputra	SW225	Jamalpur	10-Jul-67	15.82
Old Brahmaputra	SW225	Jamalpur	11-Jul-67	16.06
Old Brahmaputra	SW225	Jamalpur	12-Jul-67	16.33
Old Brahmaputra	SW225	Jamalpur	13-Jul-67	16.58
Old Brahmaputra	SW225	Jamalpur	14-Jul-67	16.7
Old Brahmaputra	SW225	Jamalpur	15-Jul-67	16.7

Old Brahmaputra	SW225	Jamalpur	16-Jul-67	16.75
Old Brahmaputra	SW225	Jamalpur	17-Jul-67	16.83
Old Brahmaputra	SW225	Jamalpur	18-Jul-67	16.8
Old Brahmaputra	SW225	Jamalpur	19-Jul-67	16.72
Old Brahmaputra	SW225	Jamalpur	20-Jul-67	16.67
Old Brahmaputra	SW225	Jamalpur	21-Jul-67	16.66
Old Brahmaputra	SW225	Jamalpur	22-Jul-67	16.64
Old Brahmaputra	SW225	Jamalpur	23-Jul-67	16.59
Old Brahmaputra	SW225	Jamalpur	24-Jul-67	16.57
Old Brahmaputra	SW225	Jamalpur	25-Jul-67	16.58
Old Brahmaputra	SW225	Jamalpur	26-Jul-67	16.52
Old Brahmaputra	SW225	Jamalpur	27-Jul-67	16.46
Old Brahmaputra	SW225	Jamalpur	28-Jul-67	16.35
Old Brahmaputra	SW225	Jamalpur	29-Jul-67	16.25
Old Brahmaputra	SW225	Jamalpur	30-Jul-67	16.13
Old Brahmaputra	SW225	Jamalpur	31-Jul-67	15.94
Old Brahmaputra	SW225	Jamalpur	01-Aug-67	15.76
Old Brahmaputra	SW225	Jamalpur	02-Aug-67	15.69
Old Brahmaputra	SW225	Jamalpur	03-Aug-67	15.52
Old Brahmaputra	SW225	Jamalpur	04-Aug-67	15.33
Old Brahmaputra	SW225	Jamalpur	05-Aug-67	15.21
Old Brahmaputra	SW225	Jamalpur	06-Aug-67	15.21
Old Brahmaputra	SW225	Jamalpur	07-Aug-67	15.21
Old Brahmaputra	SW225	Jamalpur	08-Aug-67	15.14
Old Brahmaputra	SW225	Jamalpur	09-Aug-67	15.26
Old Brahmaputra	SW225	Jamalpur	10-Aug-67	15.26
Old Brahmaputra	SW225	Jamalpur	11-Aug-67	15.21
Old Brahmaputra	SW225	Jamalpur	12-Aug-67	15.21
Old Brahmaputra	SW225	Jamalpur	13-Aug-67	15.23
Old Brahmaputra	SW225	Jamalpur	14-Aug-67	15.26
Old Brahmaputra	SW225	Jamalpur	15-Aug-67	15.26
Old Brahmaputra	SW225	Jamalpur	16-Aug-67	15.3
Old Brahmaputra	SW225	Jamalpur	17-Aug-67	15.33
Old Brahmaputra	SW225	Jamalpur	18-Aug-67	15.36
Old Brahmaputra	SW225	Jamalpur	19-Aug-67	15.39
Old Brahmaputra	SW225	Jamalpur	20-Aug-67	15.39
Old Brahmaputra	SW225	Jamalpur	21-Aug-67	15.39
Old Brahmaputra	SW225	Jamalpur	22-Aug-67	15.36
Old Brahmaputra	SW225	Jamalpur	23-Aug-67	15.27
Old Brahmaputra	SW225	Jamalpur	24-Aug-67	15.16
Old Brahmaputra	SW225	Jamalpur	25-Aug-67	15.12
Old Brahmaputra	SW225	Jamalpur	26-Aug-67	15.12
Old Brahmaputra	SW225	Jamalpur	27-Aug-67	15.06
Old Brahmaputra	SW225	Jamalpur	28-Aug-67	14.99
Old Brahmaputra	SW225	Jamalpur	29-Aug-67	14.97
Old Brahmaputra	SW225	Jamalpur	30-Aug-67	14.97
Old Brahmaputra	SW225	Jamalpur	31-Aug-67	14.92
Old Brahmaputra	SW225	Jamalpur	01-Sep-67	14.88
Old Brahmaputra	SW225	Jamalpur	02-Sep-67	14.8
Old Brahmaputra	SW225	Jamalpur	03-Sep-67	14.7

Old Brahmaputra	SW225	Jamalpur	04-Sep-67	14.6
Old Brahmaputra	SW225	Jamalpur	05-Sep-67	14.56
Old Brahmaputra	SW225	Jamalpur	06-Sep-67	14.51
Old Brahmaputra	SW225	Jamalpur	07-Sep-67	14.48
Old Brahmaputra	SW225	Jamalpur	08-Sep-67	14.48
Old Brahmaputra	SW225	Jamalpur	09-Sep-67	14.49
Old Brahmaputra	SW225	Jamalpur	10-Sep-67	14.52
Old Brahmaputra	SW225	Jamalpur	11-Sep-67	14.49
Old Brahmaputra	SW225	Jamalpur	12-Sep-67	14.52
Old Brahmaputra	SW225	Jamalpur	13-Sep-67	14.61
Old Brahmaputra	SW225	Jamalpur	14-Sep-67	14.63
Old Brahmaputra	SW225	Jamalpur	15-Sep-67	14.59
Old Brahmaputra	SW225	Jamalpur	16-Sep-67	14.54
Old Brahmaputra	SW225	Jamalpur	17-Sep-67	14.54
Old Brahmaputra	SW225	Jamalpur	18-Sep-67	14.6
Old Brahmaputra	SW225	Jamalpur	19-Sep-67	14.75
Old Brahmaputra	SW225	Jamalpur	20-Sep-67	14.83
Old Brahmaputra	SW225	Jamalpur	21-Sep-67	14.86
Old Brahmaputra	SW225	Jamalpur	22-Sep-67	15.02
Old Brahmaputra	SW225	Jamalpur	23-Sep-67	15.14
Old Brahmaputra	SW225	Jamalpur	24-Sep-67	15.21
Old Brahmaputra	SW225	Jamalpur	25-Sep-67	15.28
Old Brahmaputra	SW225	Jamalpur	26-Sep-67	15.35
Old Brahmaputra	SW225	Jamalpur	27-Sep-67	15.35
Old Brahmaputra	SW225	Jamalpur	28-Sep-67	15.33
Old Brahmaputra	SW225	Jamalpur	29-Sep-67	15.3
Old Brahmaputra	SW225	Jamalpur	30-Sep-67	15.26
Old Brahmaputra	SW225	Jamalpur	01-Oct-67	15.18
Old Brahmaputra	SW225	Jamalpur	02-Oct-67	15.09
Old Brahmaputra	SW225	Jamalpur	03-Oct-67	14.98
Old Brahmaputra	SW225	Jamalpur	04-Oct-67	14.97
Old Brahmaputra	SW225	Jamalpur	05-Oct-67	14.97
Old Brahmaputra	SW225	Jamalpur	06-Oct-67	15.02
Old Brahmaputra	SW225	Jamalpur	07-Oct-67	15.14
Old Brahmaputra	SW225	Jamalpur	08-Oct-67	15.18
Old Brahmaputra	SW225	Jamalpur	09-Oct-67	15.15
Old Brahmaputra	SW225	Jamalpur	10-Oct-67	15.02
Old Brahmaputra	SW225	Jamalpur	11-Oct-67	14.89
Old Brahmaputra	SW225	Jamalpur	12-Oct-67	14.75
Old Brahmaputra	SW225	Jamalpur	13-Oct-67	14.72
Old Brahmaputra	SW225	Jamalpur	14-Oct-67	14.73
Old Brahmaputra	SW225	Jamalpur	15-Oct-67	14.7
Old Brahmaputra	SW225	Jamalpur	16-Oct-67	14.66
Old Brahmaputra	SW225	Jamalpur	17-Oct-67	14.59
Old Brahmaputra	SW225	Jamalpur	18-Oct-67	14.54
Old Brahmaputra	SW225	Jamalpur	19-Oct-67	14.48
Old Brahmaputra	SW225	Jamalpur	20-Oct-67	14.4
Old Brahmaputra	SW225	Jamalpur	21-Oct-67	14.28
Old Brahmaputra	SW225	Jamalpur	22-Oct-67	14.15
Old Brahmaputra	SW225	Jamalpur	23-Oct-67	14.02

Old Brahmaputra	SW225	Jamalpur	24-Oct-67	13.87
Old Brahmaputra	SW225	Jamalpur	25-Oct-67	13.76
Old Brahmaputra	SW225	Jamalpur	26-Oct-67	13.64
Old Brahmaputra	SW225	Jamalpur	27-Oct-67	13.55
Old Brahmaputra	SW225	Jamalpur	28-Oct-67	13.44
Old Brahmaputra	SW225	Jamalpur	29-Oct-67	13.38
Old Brahmaputra	SW225	Jamalpur	30-Oct-67	13.31
Old Brahmaputra	SW225	Jamalpur	31-Oct-67	13.23
Old Brahmaputra	SW225	Jamalpur	01-Nov-67	13.16
Old Brahmaputra	SW225	Jamalpur	02-Nov-67	13.1
Old Brahmaputra	SW225	Jamalpur	03-Nov-67	13.07
Old Brahmaputra	SW225	Jamalpur	04-Nov-67	13.02
Old Brahmaputra	SW225	Jamalpur	05-Nov-67	12.98
Old Brahmaputra	SW225	Jamalpur	06-Nov-67	12.93
Old Brahmaputra	SW225	Jamalpur	07-Nov-67	12.9
Old Brahmaputra	SW225	Jamalpur	08-Nov-67	12.85
Old Brahmaputra	SW225	Jamalpur	09-Nov-67	12.8
Old Brahmaputra	SW225	Jamalpur	10-Nov-67	12.76
Old Brahmaputra	SW225	Jamalpur	11-Nov-67	12.73
Old Brahmaputra	SW225	Jamalpur	12-Nov-67	12.68
Old Brahmaputra	SW225	Jamalpur	13-Nov-67	12.66
Old Brahmaputra	SW225	Jamalpur	14-Nov-67	12.62
Old Brahmaputra	SW225	Jamalpur	15-Nov-67	12.59
Old Brahmaputra	SW225	Jamalpur	16-Nov-67	12.56
Old Brahmaputra	SW225	Jamalpur	17-Nov-67	12.52
Old Brahmaputra	SW225	Jamalpur	18-Nov-67	12.49
Old Brahmaputra	SW225	Jamalpur	19-Nov-67	12.47
Old Brahmaputra	SW225	Jamalpur	20-Nov-67	12.44
Old Brahmaputra	SW225	Jamalpur	21-Nov-67	12.42
Old Brahmaputra	SW225	Jamalpur	22-Nov-67	12.39
Old Brahmaputra	SW225	Jamalpur	23-Nov-67	12.36
Old Brahmaputra	SW225	Jamalpur	24-Nov-67	12.33
Old Brahmaputra	SW225	Jamalpur	25-Nov-67	12.31
Old Brahmaputra	SW225	Jamalpur	26-Nov-67	12.3
Old Brahmaputra	SW225	Jamalpur	27-Nov-67	12.27
Old Brahmaputra	SW225	Jamalpur	28-Nov-67	12.25
Old Brahmaputra	SW225	Jamalpur	29-Nov-67	12.23
Old Brahmaputra	SW225	Jamalpur	30-Nov-67	12.22
Old Brahmaputra	SW225	Jamalpur	01-Dec-67	12.19
Old Brahmaputra	SW225	Jamalpur	02-Dec-67	12.18
Old Brahmaputra	SW225	Jamalpur	03-Dec-67	12.16
Old Brahmaputra	SW225	Jamalpur	04-Dec-67	12.15
Old Brahmaputra	SW225	Jamalpur	05-Dec-67	12.11
Old Brahmaputra	SW225	Jamalpur	06-Dec-67	12.09
Old Brahmaputra	SW225	Jamalpur	07-Dec-67	12.06
Old Brahmaputra	SW225	Jamalpur	08-Dec-67	12.04
Old Brahmaputra	SW225	Jamalpur	09-Dec-67	12.01
Old Brahmaputra	SW225	Jamalpur	10-Dec-67	11.99
Old Brahmaputra	SW225	Jamalpur	11-Dec-67	11.98
Old Brahmaputra	SW225	Jamalpur	12-Dec-67	11.97

Old Brahmaputra	SW225	Jamalpur	13-Dec-67	11.95
Old Brahmaputra	SW225	Jamalpur	14-Dec-67	11.93
Old Brahmaputra	SW225	Jamalpur	15-Dec-67	11.91
Old Brahmaputra	SW225	Jamalpur	16-Dec-67	11.9
Old Brahmaputra	SW225	Jamalpur	17-Dec-67	11.89
Old Brahmaputra	SW225	Jamalpur	18-Dec-67	11.89
Old Brahmaputra	SW225	Jamalpur	19-Dec-67	11.89
Old Brahmaputra	SW225	Jamalpur	20-Dec-67	11.84
Old Brahmaputra	SW225	Jamalpur	21-Dec-67	11.82
Old Brahmaputra	SW225	Jamalpur	22-Dec-67	11.81
Old Brahmaputra	SW225	Jamalpur	23-Dec-67	11.8
Old Brahmaputra	SW225	Jamalpur	24-Dec-67	11.8
Old Brahmaputra	SW225	Jamalpur	25-Dec-67	11.78
Old Brahmaputra	SW225	Jamalpur	26-Dec-67	11.78
Old Brahmaputra	SW225	Jamalpur	27-Dec-67	11.78
Old Brahmaputra	SW225	Jamalpur	28-Dec-67	11.77
Old Brahmaputra	SW225	Jamalpur	29-Dec-67	11.75
Old Brahmaputra	SW225	Jamalpur	30-Dec-67	11.73
Old Brahmaputra	SW225	Jamalpur	31-Dec-67	11.73
Old Brahmaputra	SW225	Jamalpur	01-Jan-68	11.72
Old Brahmaputra	SW225	Jamalpur	02-Jan-68	11.72
Old Brahmaputra	SW225	Jamalpur	03-Jan-68	11.7
Old Brahmaputra	SW225	Jamalpur	04-Jan-68	11.7
Old Brahmaputra	SW225	Jamalpur	05-Jan-68	11.69
Old Brahmaputra	SW225	Jamalpur	06-Jan-68	11.69
Old Brahmaputra	SW225	Jamalpur	07-Jan-68	11.68
Old Brahmaputra	SW225	Jamalpur	08-Jan-68	11.68
Old Brahmaputra	SW225	Jamalpur	09-Jan-68	11.68
Old Brahmaputra	SW225	Jamalpur	10-Jan-68	11.68
Old Brahmaputra	SW225	Jamalpur	11-Jan-68	11.66
Old Brahmaputra	SW225	Jamalpur	12-Jan-68	11.66
Old Brahmaputra	SW225	Jamalpur	13-Jan-68	11.65
Old Brahmaputra	SW225	Jamalpur	14-Jan-68	11.65
Old Brahmaputra	SW225	Jamalpur	15-Jan-68	11.65
Old Brahmaputra	SW225	Jamalpur	16-Jan-68	11.65
Old Brahmaputra	SW225	Jamalpur	17-Jan-68	11.63
Old Brahmaputra	SW225	Jamalpur	18-Jan-68	11.63
Old Brahmaputra	SW225	Jamalpur	19-Jan-68	11.63
Old Brahmaputra	SW225	Jamalpur	20-Jan-68	11.63
Old Brahmaputra	SW225	Jamalpur	21-Jan-68	11.61
Old Brahmaputra	SW225	Jamalpur	22-Jan-68	11.61
Old Brahmaputra	SW225	Jamalpur	23-Jan-68	11.61
Old Brahmaputra	SW225	Jamalpur	24-Jan-68	11.61
Old Brahmaputra	SW225	Jamalpur	25-Jan-68	11.6
Old Brahmaputra	SW225	Jamalpur	26-Jan-68	11.6
Old Brahmaputra	SW225	Jamalpur	27-Jan-68	11.6
Old Brahmaputra	SW225	Jamalpur	28-Jan-68	11.6
Old Brahmaputra	SW225	Jamalpur	29-Jan-68	11.58
Old Brahmaputra	SW225	Jamalpur	30-Jan-68	11.58
Old Brahmaputra	SW225	Jamalpur	31-Jan-68	11.58

Old Brahmaputra	SW225	Jamalpur	22-Mar-68	11.51
Old Brahmaputra	SW225	Jamalpur	23-Mar-68	11.51
Old Brahmaputra	SW225	Jamalpur	24-Mar-68	11.49
Old Brahmaputra	SW225	Jamalpur	25-Mar-68	11.49
Old Brahmaputra	SW225	Jamalpur	26-Mar-68	11.51
Old Brahmaputra	SW225	Jamalpur	27-Mar-68	11.52
Old Brahmaputra	SW225	Jamalpur	28-Mar-68	11.55
Old Brahmaputra	SW225	Jamalpur	29-Mar-68	11.6
Old Brahmaputra	SW225	Jamalpur	30-Mar-68	11.65
Old Brahmaputra	SW225	Jamalpur	31-Mar-68	11.7
Old Brahmaputra	SW225	Jamalpur	01-Apr-68	11.8
Old Brahmaputra	SW225	Jamalpur	02-Apr-68	11.81
Old Brahmaputra	SW225	Jamalpur	03-Apr-68	11.82
Old Brahmaputra	SW225	Jamalpur	04-Apr-68	11.78
Old Brahmaputra	SW225	Jamalpur	05-Apr-68	11.73
Old Brahmaputra	SW225	Jamalpur	06-Apr-68	11.7
Old Brahmaputra	SW225	Jamalpur	07-Apr-68	11.69
Old Brahmaputra	SW225	Jamalpur	08-Apr-68	11.68
Old Brahmaputra	SW225	Jamalpur	09-Apr-68	11.68
Old Brahmaputra	SW225	Jamalpur	10-Apr-68	11.68
Old Brahmaputra	SW225	Jamalpur	11-Apr-68	11.65
Old Brahmaputra	SW225	Jamalpur	12-Apr-68	11.63
Old Brahmaputra	SW225	Jamalpur	13-Apr-68	11.61
Old Brahmaputra	SW225	Jamalpur	14-Apr-68	11.6
Old Brahmaputra	SW225	Jamalpur	15-Apr-68	11.6
Old Brahmaputra	SW225	Jamalpur	16-Apr-68	11.61
Old Brahmaputra	SW225	Jamalpur	17-Apr-68	11.63
Old Brahmaputra	SW225	Jamalpur	18-Apr-68	11.66
Old Brahmaputra	SW225	Jamalpur	19-Apr-68	11.81
Old Brahmaputra	SW225	Jamalpur	20-Apr-68	12.07
Old Brahmaputra	SW225	Jamalpur	21-Apr-68	12.22
Old Brahmaputra	SW225	Jamalpur	22-Apr-68	12.29
Old Brahmaputra	SW225	Jamalpur	23-Apr-68	12.33
Old Brahmaputra	SW225	Jamalpur	24-Apr-68	12.47
Old Brahmaputra	SW225	Jamalpur	25-Apr-68	12.57
Old Brahmaputra	SW225	Jamalpur	26-Apr-68	12.61
Old Brahmaputra	SW225	Jamalpur	27-Apr-68	12.51
Old Brahmaputra	SW225	Jamalpur	28-Apr-68	12.4
Old Brahmaputra	SW225	Jamalpur	29-Apr-68	12.3
Old Brahmaputra	SW225	Jamalpur	30-Apr-68	12.27
Old Brahmaputra	SW225	Jamalpur	01-May-68	12.27
Old Brahmaputra	SW225	Jamalpur	02-May-68	12.28
Old Brahmaputra	SW225	Jamalpur	03-May-68	12.36
Old Brahmaputra	SW225	Jamalpur	04-May-68	12.36
Old Brahmaputra	SW225	Jamalpur	05-May-68	12.39
Old Brahmaputra	SW225	Jamalpur	06-May-68	12.45
Old Brahmaputra	SW225	Jamalpur	07-May-68	12.49
Old Brahmaputra	SW225	Jamalpur	08-May-68	12.53
Old Brahmaputra	SW225	Jamalpur	09-May-68	12.66
Old Brahmaputra	SW225	Jamalpur	10-May-68	12.76

Old Brahmaputra	SW225	Jamalpur	11-May-68	12.91
Old Brahmaputra	SW225	Jamalpur	12-May-68	13.06
Old Brahmaputra	SW225	Jamalpur	13-May-68	13.22
Old Brahmaputra	SW225	Jamalpur	14-May-68	13.31
Old Brahmaputra	SW225	Jamalpur	15-May-68	13.23
Old Brahmaputra	SW225	Jamalpur	16-May-68	13.16
Old Brahmaputra	SW225	Jamalpur	17-May-68	13.09
Old Brahmaputra	SW225	Jamalpur	18-May-68	13.1
Old Brahmaputra	SW225	Jamalpur	19-May-68	13.14
Old Brahmaputra	SW225	Jamalpur	20-May-68	13.15
Old Brahmaputra	SW225	Jamalpur	21-May-68	13.16
Old Brahmaputra	SW225	Jamalpur	22-May-68	13.13
Old Brahmaputra	SW225	Jamalpur	23-May-68	13.07
Old Brahmaputra	SW225	Jamalpur	24-May-68	13.11
Old Brahmaputra	SW225	Jamalpur	25-May-68	13.16
Old Brahmaputra	SW225	Jamalpur	26-May-68	13.27
Old Brahmaputra	SW225	Jamalpur	27-May-68	13.34
Old Brahmaputra	SW225	Jamalpur	28-May-68	13.5
Old Brahmaputra	SW225	Jamalpur	29-May-68	13.6
Old Brahmaputra	SW225	Jamalpur	30-May-68	13.81
Old Brahmaputra	SW225	Jamalpur	31-May-68	14.2
Old Brahmaputra	SW225	Jamalpur	01-Jun-68	14.48
Old Brahmaputra	SW225	Jamalpur	02-Jun-68	14.64
Old Brahmaputra	SW225	Jamalpur	03-Jun-68	14.72
Old Brahmaputra	SW225	Jamalpur	04-Jun-68	14.72
Old Brahmaputra	SW225	Jamalpur	05-Jun-68	14.67
Old Brahmaputra	SW225	Jamalpur	06-Jun-68	14.56
Old Brahmaputra	SW225	Jamalpur	07-Jun-68	14.41
Old Brahmaputra	SW225	Jamalpur	08-Jun-68	14.27
Old Brahmaputra	SW225	Jamalpur	09-Jun-68	14.14
Old Brahmaputra	SW225	Jamalpur	10-Jun-68	14.1
Old Brahmaputra	SW225	Jamalpur	11-Jun-68	14.08
Old Brahmaputra	SW225	Jamalpur	12-Jun-68	14.13
Old Brahmaputra	SW225	Jamalpur	13-Jun-68	14.35
Old Brahmaputra	SW225	Jamalpur	14-Jun-68	14.34
Old Brahmaputra	SW225	Jamalpur	15-Jun-68	14.45
Old Brahmaputra	SW225	Jamalpur	16-Jun-68	14.6
Old Brahmaputra	SW225	Jamalpur	17-Jun-68	14.64
Old Brahmaputra	SW225	Jamalpur	18-Jun-68	14.69
Old Brahmaputra	SW225	Jamalpur	19-Jun-68	14.81
Old Brahmaputra	SW225	Jamalpur	20-Jun-68	14.91
Old Brahmaputra	SW225	Jamalpur	21-Jun-68	15.01
Old Brahmaputra	SW225	Jamalpur	22-Jun-68	15.45
Old Brahmaputra	SW225	Jamalpur	23-Jun-68	15.73
Old Brahmaputra	SW225	Jamalpur	24-Jun-68	16.01
Old Brahmaputra	SW225	Jamalpur	25-Jun-68	16.2
Old Brahmaputra	SW225	Jamalpur	26-Jun-68	16.33
Old Brahmaputra	SW225	Jamalpur	27-Jun-68	16.44
Old Brahmaputra	SW225	Jamalpur	28-Jun-68	16.51
Old Brahmaputra	SW225	Jamalpur	29-Jun-68	16.49

Old Brahmaputra	SW225	Jamalpur	30-Jun-68	16.44
Old Brahmaputra	SW225	Jamalpur	01-Jul-68	16.39
Old Brahmaputra	SW225	Jamalpur	02-Jul-68	16.35
Old Brahmaputra	SW225	Jamalpur	03-Jul-68	16.39
Old Brahmaputra	SW225	Jamalpur	04-Jul-68	16.42
Old Brahmaputra	SW225	Jamalpur	05-Jul-68	16.44
Old Brahmaputra	SW225	Jamalpur	06-Jul-68	16.44
Old Brahmaputra	SW225	Jamalpur	07-Jul-68	16.43
Old Brahmaputra	SW225	Jamalpur	08-Jul-68	16.46
Old Brahmaputra	SW225	Jamalpur	09-Jul-68	16.43
Old Brahmaputra	SW225	Jamalpur	10-Jul-68	16.36
Old Brahmaputra	SW225	Jamalpur	11-Jul-68	16.34
Old Brahmaputra	SW225	Jamalpur	12-Jul-68	16.4
Old Brahmaputra	SW225	Jamalpur	13-Jul-68	16.39
Old Brahmaputra	SW225	Jamalpur	14-Jul-68	16.39
Old Brahmaputra	SW225	Jamalpur	15-Jul-68	16.33
Old Brahmaputra	SW225	Jamalpur	16-Jul-68	16.31
Old Brahmaputra	SW225	Jamalpur	17-Jul-68	16.31
Old Brahmaputra	SW225	Jamalpur	18-Jul-68	16.33
Old Brahmaputra	SW225	Jamalpur	19-Jul-68	16.36
Old Brahmaputra	SW225	Jamalpur	20-Jul-68	16.36
Old Brahmaputra	SW225	Jamalpur	21-Jul-68	16.39
Old Brahmaputra	SW225	Jamalpur	22-Jul-68	16.48
Old Brahmaputra	SW225	Jamalpur	23-Jul-68	16.56
Old Brahmaputra	SW225	Jamalpur	24-Jul-68	16.67
Old Brahmaputra	SW225	Jamalpur	25-Jul-68	16.85
Old Brahmaputra	SW225	Jamalpur	26-Jul-68	16.94
Old Brahmaputra	SW225	Jamalpur	27-Jul-68	16.98
Old Brahmaputra	SW225	Jamalpur	28-Jul-68	16.98
Old Brahmaputra	SW225	Jamalpur	29-Jul-68	16.95
Old Brahmaputra	SW225	Jamalpur	30-Jul-68	16.9
Old Brahmaputra	SW225	Jamalpur	31-Jul-68	16.84
Old Brahmaputra	SW225	Jamalpur	01-Aug-68	16.76
Old Brahmaputra	SW225	Jamalpur	02-Aug-68	16.67
Old Brahmaputra	SW225	Jamalpur	03-Aug-68	16.55
Old Brahmaputra	SW225	Jamalpur	04-Aug-68	16.44
Old Brahmaputra	SW225	Jamalpur	05-Aug-68	16.35
Old Brahmaputra	SW225	Jamalpur	06-Aug-68	16.27
Old Brahmaputra	SW225	Jamalpur	07-Aug-68	16.2
Old Brahmaputra	SW225	Jamalpur	08-Aug-68	16.11
Old Brahmaputra	SW225	Jamalpur	09-Aug-68	16.03
Old Brahmaputra	SW225	Jamalpur	10-Aug-68	15.98
Old Brahmaputra	SW225	Jamalpur	11-Aug-68	15.9
Old Brahmaputra	SW225	Jamalpur	12-Aug-68	15.85
Old Brahmaputra	SW225	Jamalpur	13-Aug-68	15.78
Old Brahmaputra	SW225	Jamalpur	14-Aug-68	15.69
Old Brahmaputra	SW225	Jamalpur	15-Aug-68	15.6
Old Brahmaputra	SW225	Jamalpur	16-Aug-68	15.5
Old Brahmaputra	SW225	Jamalpur	17-Aug-68	15.44
Old Brahmaputra	SW225	Jamalpur	18-Aug-68	15.36

Old Brahmaputra	SW225	Jamalpur	19-Aug-68	15.25
Old Brahmaputra	SW225	Jamalpur	20-Aug-68	15.19
Old Brahmaputra	SW225	Jamalpur	21-Aug-68	15.11
Old Brahmaputra	SW225	Jamalpur	22-Aug-68	15.14
Old Brahmaputra	SW225	Jamalpur	23-Aug-68	15.23
Old Brahmaputra	SW225	Jamalpur	24-Aug-68	15.27
Old Brahmaputra	SW225	Jamalpur	25-Aug-68	15.28
Old Brahmaputra	SW225	Jamalpur	26-Aug-68	15.31
Old Brahmaputra	SW225	Jamalpur	27-Aug-68	15.36
Old Brahmaputra	SW225	Jamalpur	28-Aug-68	15.41
Old Brahmaputra	SW225	Jamalpur	29-Aug-68	15.5
Old Brahmaputra	SW225	Jamalpur	30-Aug-68	15.57
Old Brahmaputra	SW225	Jamalpur	31-Aug-68	15.62
Old Brahmaputra	SW225	Jamalpur	01-Sep-68	15.65
Old Brahmaputra	SW225	Jamalpur	02-Sep-68	15.65
Old Brahmaputra	SW225	Jamalpur	03-Sep-68	15.66
Old Brahmaputra	SW225	Jamalpur	04-Sep-68	15.66
Old Brahmaputra	SW225	Jamalpur	05-Sep-68	15.61
Old Brahmaputra	SW225	Jamalpur	06-Sep-68	15.56
Old Brahmaputra	SW225	Jamalpur	07-Sep-68	15.5
Old Brahmaputra	SW225	Jamalpur	08-Sep-68	15.46
Old Brahmaputra	SW225	Jamalpur	09-Sep-68	15.4
Old Brahmaputra	SW225	Jamalpur	10-Sep-68	15.35
Old Brahmaputra	SW225	Jamalpur	11-Sep-68	15.3
Old Brahmaputra	SW225	Jamalpur	12-Sep-68	15.22
Old Brahmaputra	SW225	Jamalpur	13-Sep-68	15.13
Old Brahmaputra	SW225	Jamalpur	14-Sep-68	15.04
Old Brahmaputra	SW225	Jamalpur	15-Sep-68	14.99
Old Brahmaputra	SW225	Jamalpur	16-Sep-68	14.96
Old Brahmaputra	SW225	Jamalpur	17-Sep-68	14.92
Old Brahmaputra	SW225	Jamalpur	18-Sep-68	14.87
Old Brahmaputra	SW225	Jamalpur	19-Sep-68	14.85
Old Brahmaputra	SW225	Jamalpur	20-Sep-68	14.88
Old Brahmaputra	SW225	Jamalpur	21-Sep-68	14.89
Old Brahmaputra	SW225	Jamalpur	22-Sep-68	15.02
Old Brahmaputra	SW225	Jamalpur	23-Sep-68	15.19
Old Brahmaputra	SW225	Jamalpur	24-Sep-68	15.3
Old Brahmaputra	SW225	Jamalpur	25-Sep-68	15.45
Old Brahmaputra	SW225	Jamalpur	26-Sep-68	15.56
Old Brahmaputra	SW225	Jamalpur	27-Sep-68	15.64
Old Brahmaputra	SW225	Jamalpur	28-Sep-68	15.77
Old Brahmaputra	SW225	Jamalpur	29-Sep-68	15.91
Old Brahmaputra	SW225	Jamalpur	30-Sep-68	15.98
Old Brahmaputra	SW225	Jamalpur	01-Oct-68	15.97
Old Brahmaputra	SW225	Jamalpur	02-Oct-68	15.89
Old Brahmaputra	SW225	Jamalpur	03-Oct-68	15.88
Old Brahmaputra	SW225	Jamalpur	04-Oct-68	15.9
Old Brahmaputra	SW225	Jamalpur	05-Oct-68	15.98
Old Brahmaputra	SW225	Jamalpur	06-Oct-68	16.19
Old Brahmaputra	SW225	Jamalpur	07-Oct-68	16.44

Old Brahmaputra	SW225	Jamalpur	08-Oct-68	16.64
Old Brahmaputra	SW225	Jamalpur	09-Oct-68	16.61
Old Brahmaputra	SW225	Jamalpur	10-Oct-68	16.42
Old Brahmaputra	SW225	Jamalpur	11-Oct-68	16.22
Old Brahmaputra	SW225	Jamalpur	12-Oct-68	15.91
Old Brahmaputra	SW225	Jamalpur	13-Oct-68	15.64
Old Brahmaputra	SW225	Jamalpur	14-Oct-68	15.36
Old Brahmaputra	SW225	Jamalpur	15-Oct-68	15.14
Old Brahmaputra	SW225	Jamalpur	16-Oct-68	14.95
Old Brahmaputra	SW225	Jamalpur	17-Oct-68	14.78
Old Brahmaputra	SW225	Jamalpur	18-Oct-68	14.61
Old Brahmaputra	SW225	Jamalpur	19-Oct-68	14.48
Old Brahmaputra	SW225	Jamalpur	20-Oct-68	14.34
Old Brahmaputra	SW225	Jamalpur	21-Oct-68	14.22
Old Brahmaputra	SW225	Jamalpur	22-Oct-68	14.08
Old Brahmaputra	SW225	Jamalpur	23-Oct-68	13.97
Old Brahmaputra	SW225	Jamalpur	24-Oct-68	13.87
Old Brahmaputra	SW225	Jamalpur	25-Oct-68	13.76
Old Brahmaputra	SW225	Jamalpur	26-Oct-68	13.69
Old Brahmaputra	SW225	Jamalpur	27-Oct-68	13.61
Old Brahmaputra	SW225	Jamalpur	28-Oct-68	13.53
Old Brahmaputra	SW225	Jamalpur	29-Oct-68	13.48
Old Brahmaputra	SW225	Jamalpur	30-Oct-68	13.43
Old Brahmaputra	SW225	Jamalpur	31-Oct-68	13.36
Old Brahmaputra	SW225	Jamalpur	01-Nov-68	13.31
Old Brahmaputra	SW225	Jamalpur	02-Nov-68	13.27
Old Brahmaputra	SW225	Jamalpur	03-Nov-68	13.23
Old Brahmaputra	SW225	Jamalpur	04-Nov-68	13.22
Old Brahmaputra	SW225	Jamalpur	05-Nov-68	13.19
Old Brahmaputra	SW225	Jamalpur	06-Nov-68	13.16
Old Brahmaputra	SW225	Jamalpur	07-Nov-68	13.13
Old Brahmaputra	SW225	Jamalpur	08-Nov-68	13.1
Old Brahmaputra	SW225	Jamalpur	09-Nov-68	13.07
Old Brahmaputra	SW225	Jamalpur	10-Nov-68	13.02
Old Brahmaputra	SW225	Jamalpur	11-Nov-68	12.98
Old Brahmaputra	SW225	Jamalpur	12-Nov-68	12.95
Old Brahmaputra	SW225	Jamalpur	13-Nov-68	12.93
Old Brahmaputra	SW225	Jamalpur	14-Nov-68	12.87
Old Brahmaputra	SW225	Jamalpur	15-Nov-68	12.85
Old Brahmaputra	SW225	Jamalpur	16-Nov-68	12.82
Old Brahmaputra	SW225	Jamalpur	17-Nov-68	12.8
Old Brahmaputra	SW225	Jamalpur	18-Nov-68	12.78
Old Brahmaputra	SW225	Jamalpur	19-Nov-68	12.76
Old Brahmaputra	SW225	Jamalpur	20-Nov-68	12.73
Old Brahmaputra	SW225	Jamalpur	21-Nov-68	12.7
Old Brahmaputra	SW225	Jamalpur	22-Nov-68	12.68
Old Brahmaputra	SW225	Jamalpur	23-Nov-68	12.65
Old Brahmaputra	SW225	Jamalpur	24-Nov-68	12.63
Old Brahmaputra	SW225	Jamalpur	25-Nov-68	12.6
Old Brahmaputra	SW225	Jamalpur	26-Nov-68	12.57

Old Brahmaputra	SW225	Jamalpur	27-Nov-68	12.56
Old Brahmaputra	SW225	Jamalpur	28-Nov-68	12.53
Old Brahmaputra	SW225	Jamalpur	29-Nov-68	12.51
Old Brahmaputra	SW225	Jamalpur	30-Nov-68	12.49
Old Brahmaputra	SW225	Jamalpur	01-Dec-68	12.48
Old Brahmaputra	SW225	Jamalpur	02-Dec-68	12.47
Old Brahmaputra	SW225	Jamalpur	03-Dec-68	12.45
Old Brahmaputra	SW225	Jamalpur	04-Dec-68	12.43
Old Brahmaputra	SW225	Jamalpur	05-Dec-68	12.4
Old Brahmaputra	SW225	Jamalpur	06-Dec-68	12.39
Old Brahmaputra	SW225	Jamalpur	07-Dec-68	12.38
Old Brahmaputra	SW225	Jamalpur	08-Dec-68	12.36
Old Brahmaputra	SW225	Jamalpur	09-Dec-68	12.35
Old Brahmaputra	SW225	Jamalpur	10-Dec-68	12.33
Old Brahmaputra	SW225	Jamalpur	11-Dec-68	12.31
Old Brahmaputra	SW225	Jamalpur	12-Dec-68	12.3
Old Brahmaputra	SW225	Jamalpur	13-Dec-68	12.28
Old Brahmaputra	SW225	Jamalpur	14-Dec-68	12.27
Old Brahmaputra	SW225	Jamalpur	15-Dec-68	12.25
Old Brahmaputra	SW225	Jamalpur	16-Dec-68	12.23
Old Brahmaputra	SW225	Jamalpur	17-Dec-68	12.22
Old Brahmaputra	SW225	Jamalpur	18-Dec-68	12.2
Old Brahmaputra	SW225	Jamalpur	19-Dec-68	12.19
Old Brahmaputra	SW225	Jamalpur	20-Dec-68	12.18
Old Brahmaputra	SW225	Jamalpur	21-Dec-68	12.16
Old Brahmaputra	SW225	Jamalpur	22-Dec-68	12.16
Old Brahmaputra	SW225	Jamalpur	23-Dec-68	12.15
Old Brahmaputra	SW225	Jamalpur	24-Dec-68	12.13
Old Brahmaputra	SW225	Jamalpur	25-Dec-68	12.13
Old Brahmaputra	SW225	Jamalpur	26-Dec-68	12.11
Old Brahmaputra	SW225	Jamalpur	27-Dec-68	12.11
Old Brahmaputra	SW225	Jamalpur	28-Dec-68	12.1
Old Brahmaputra	SW225	Jamalpur	29-Dec-68	12.1
Old Brahmaputra	SW225	Jamalpur	30-Dec-68	12.07
Old Brahmaputra	SW225	Jamalpur	31-Dec-68	12.07
Old Brahmaputra	SW225	Jamalpur	01-Jan-69	12.06
Old Brahmaputra	SW225	Jamalpur	02-Jan-69	12.04
Old Brahmaputra	SW225	Jamalpur	03-Jan-69	12.02
Old Brahmaputra	SW225	Jamalpur	04-Jan-69	12.02
Old Brahmaputra	SW225	Jamalpur	05-Jan-69	12.01
Old Brahmaputra	SW225	Jamalpur	06-Jan-69	12.01
Old Brahmaputra	SW225	Jamalpur	07-Jan-69	11.99
Old Brahmaputra	SW225	Jamalpur	08-Jan-69	11.99
Old Brahmaputra	SW225	Jamalpur	09-Jan-69	11.99
Old Brahmaputra	SW225	Jamalpur	10-Jan-69	11.99
Old Brahmaputra	SW225	Jamalpur	11-Jan-69	11.98
Old Brahmaputra	SW225	Jamalpur	12-Jan-69	11.97
Old Brahmaputra	SW225	Jamalpur	13-Jan-69	11.95
Old Brahmaputra	SW225	Jamalpur	14-Jan-69	11.95
Old Brahmaputra	SW225	Jamalpur	15-Jan-69	11.95

Old Brahmaputra	SW225	Jamalpur	16-Jan-69	11.95
Old Brahmaputra	SW225	Jamalpur	17-Jan-69	11.93
Old Brahmaputra	SW225	Jamalpur	18-Jan-69	11.93
Old Brahmaputra	SW225	Jamalpur	19-Jan-69	11.93
Old Brahmaputra	SW225	Jamalpur	20-Jan-69	11.91
Old Brahmaputra	SW225	Jamalpur	21-Jan-69	11.91
Old Brahmaputra	SW225	Jamalpur	22-Jan-69	11.91
Old Brahmaputra	SW225	Jamalpur	23-Jan-69	11.9
Old Brahmaputra	SW225	Jamalpur	24-Jan-69	11.9
Old Brahmaputra	SW225	Jamalpur	25-Jan-69	11.9
Old Brahmaputra	SW225	Jamalpur	26-Jan-69	11.89
Old Brahmaputra	SW225	Jamalpur	27-Jan-69	11.89
Old Brahmaputra	SW225	Jamalpur	28-Jan-69	11.89
Old Brahmaputra	SW225	Jamalpur	29-Jan-69	11.87
Old Brahmaputra	SW225	Jamalpur	30-Jan-69	11.87
Old Brahmaputra	SW225	Jamalpur	31-Jan-69	11.87
Old Brahmaputra	SW225	Jamalpur	01-Feb-69	11.87
Old Brahmaputra	SW225	Jamalpur	02-Feb-69	11.87
Old Brahmaputra	SW225	Jamalpur	03-Feb-69	11.85
Old Brahmaputra	SW225	Jamalpur	04-Feb-69	11.85
Old Brahmaputra	SW225	Jamalpur	05-Feb-69	11.85
Old Brahmaputra	SW225	Jamalpur	06-Feb-69	11.85
Old Brahmaputra	SW225	Jamalpur	07-Feb-69	11.85
Old Brahmaputra	SW225	Jamalpur	08-Feb-69	11.84
Old Brahmaputra	SW225	Jamalpur	09-Feb-69	11.84
Old Brahmaputra	SW225	Jamalpur	10-Feb-69	11.84
Old Brahmaputra	SW225	Jamalpur	11-Feb-69	11.84
Old Brahmaputra	SW225	Jamalpur	12-Feb-69	11.82
Old Brahmaputra	SW225	Jamalpur	13-Feb-69	11.82
Old Brahmaputra	SW225	Jamalpur	14-Feb-69	11.82
Old Brahmaputra	SW225	Jamalpur	15-Feb-69	11.82
Old Brahmaputra	SW225	Jamalpur	16-Feb-69	11.82
Old Brahmaputra	SW225	Jamalpur	17-Feb-69	11.81
Old Brahmaputra	SW225	Jamalpur	18-Feb-69	11.81
Old Brahmaputra	SW225	Jamalpur	19-Feb-69	11.8
Old Brahmaputra	SW225	Jamalpur	20-Feb-69	11.8
Old Brahmaputra	SW225	Jamalpur	21-Feb-69	11.8
Old Brahmaputra	SW225	Jamalpur	22-Feb-69	11.8
Old Brahmaputra	SW225	Jamalpur	23-Feb-69	11.8
Old Brahmaputra	SW225	Jamalpur	24-Feb-69	11.8
Old Brahmaputra	SW225	Jamalpur	25-Feb-69	11.8
Old Brahmaputra	SW225	Jamalpur	26-Feb-69	11.78
Old Brahmaputra	SW225	Jamalpur	27-Feb-69	11.78
Old Brahmaputra	SW225	Jamalpur	28-Feb-69	11.78
Old Brahmaputra	SW225	Jamalpur	01-Mar-69	11.78
Old Brahmaputra	SW225	Jamalpur	02-Mar-69	11.78
Old Brahmaputra	SW225	Jamalpur	03-Mar-69	11.78
Old Brahmaputra	SW225	Jamalpur	04-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	05-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	06-Mar-69	11.77

Old Brahmaputra	SW225	Jamalpur	07-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	08-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	09-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	10-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	11-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	12-Mar-69	11.75
Old Brahmaputra	SW225	Jamalpur	13-Mar-69	11.75
Old Brahmaputra	SW225	Jamalpur	14-Mar-69	11.75
Old Brahmaputra	SW225	Jamalpur	15-Mar-69	11.75
Old Brahmaputra	SW225	Jamalpur	16-Mar-69	11.75
Old Brahmaputra	SW225	Jamalpur	17-Mar-69	11.75
Old Brahmaputra	SW225	Jamalpur	18-Mar-69	11.75
Old Brahmaputra	SW225	Jamalpur	19-Mar-69	11.76
Old Brahmaputra	SW225	Jamalpur	20-Mar-69	11.8
Old Brahmaputra	SW225	Jamalpur	21-Mar-69	11.8
Old Brahmaputra	SW225	Jamalpur	22-Mar-69	11.8
Old Brahmaputra	SW225	Jamalpur	23-Mar-69	11.79
Old Brahmaputra	SW225	Jamalpur	24-Mar-69	11.78
Old Brahmaputra	SW225	Jamalpur	25-Mar-69	11.78
Old Brahmaputra	SW225	Jamalpur	26-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	27-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	28-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	29-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	30-Mar-69	11.77
Old Brahmaputra	SW225	Jamalpur	31-Mar-69	11.8
Old Brahmaputra	SW225	Jamalpur	01-Apr-69	11.81
Old Brahmaputra	SW225	Jamalpur	02-Apr-69	11.82
Old Brahmaputra	SW225	Jamalpur	03-Apr-69	11.82
Old Brahmaputra	SW225	Jamalpur	04-Apr-69	11.81
Old Brahmaputra	SW225	Jamalpur	05-Apr-69	11.8
Old Brahmaputra	SW225	Jamalpur	06-Apr-69	11.78
Old Brahmaputra	SW225	Jamalpur	07-Apr-69	11.77
Old Brahmaputra	SW225	Jamalpur	08-Apr-69	11.8
Old Brahmaputra	SW225	Jamalpur	09-Apr-69	11.77
Old Brahmaputra	SW225	Jamalpur	10-Apr-69	11.77
Old Brahmaputra	SW225	Jamalpur	11-Apr-69	11.77
Old Brahmaputra	SW225	Jamalpur	12-Apr-69	11.77
Old Brahmaputra	SW225	Jamalpur	13-Apr-69	11.78
Old Brahmaputra	SW225	Jamalpur	14-Apr-69	11.78
Old Brahmaputra	SW225	Jamalpur	15-Apr-69	11.77
Old Brahmaputra	SW225	Jamalpur	16-Apr-69	11.77
Old Brahmaputra	SW225	Jamalpur	17-Apr-69	11.75
Old Brahmaputra	SW225	Jamalpur	18-Apr-69	11.82
Old Brahmaputra	SW225	Jamalpur	19-Apr-69	11.84
Old Brahmaputra	SW225	Jamalpur	20-Apr-69	11.86
Old Brahmaputra	SW225	Jamalpur	21-Apr-69	11.95
Old Brahmaputra	SW225	Jamalpur	22-Apr-69	11.98
Old Brahmaputra	SW225	Jamalpur	23-Apr-69	11.98
Old Brahmaputra	SW225	Jamalpur	24-Apr-69	12.02
Old Brahmaputra	SW225	Jamalpur	25-Apr-69	12.06

Old Brahmaputra	SW225	Jamalpur	26-Apr-69	12.13
Old Brahmaputra	SW225	Jamalpur	27-Apr-69	12.25
Old Brahmaputra	SW225	Jamalpur	28-Apr-69	12.33
Old Brahmaputra	SW225	Jamalpur	29-Apr-69	12.46
Old Brahmaputra	SW225	Jamalpur	30-Apr-69	12.76
Old Brahmaputra	SW225	Jamalpur	01-May-69	12.9
Old Brahmaputra	SW225	Jamalpur	02-May-69	12.81
Old Brahmaputra	SW225	Jamalpur	03-May-69	12.73
Old Brahmaputra	SW225	Jamalpur	04-May-69	12.63
Old Brahmaputra	SW225	Jamalpur	05-May-69	12.56
Old Brahmaputra	SW225	Jamalpur	06-May-69	12.49
Old Brahmaputra	SW225	Jamalpur	07-May-69	12.43
Old Brahmaputra	SW225	Jamalpur	08-May-69	12.4
Old Brahmaputra	SW225	Jamalpur	09-May-69	12.39
Old Brahmaputra	SW225	Jamalpur	10-May-69	12.41
Old Brahmaputra	SW225	Jamalpur	11-May-69	12.43
Old Brahmaputra	SW225	Jamalpur	12-May-69	12.46
Old Brahmaputra	SW225	Jamalpur	13-May-69	12.4
Old Brahmaputra	SW225	Jamalpur	14-May-69	12.35
Old Brahmaputra	SW225	Jamalpur	15-May-69	12.27
Old Brahmaputra	SW225	Jamalpur	16-May-69	12.25
Old Brahmaputra	SW225	Jamalpur	17-May-69	12.23
Old Brahmaputra	SW225	Jamalpur	18-May-69	12.22
Old Brahmaputra	SW225	Jamalpur	19-May-69	12.27
Old Brahmaputra	SW225	Jamalpur	20-May-69	12.38
Old Brahmaputra	SW225	Jamalpur	21-May-69	12.57
Old Brahmaputra	SW225	Jamalpur	22-May-69	12.69
Old Brahmaputra	SW225	Jamalpur	23-May-69	12.82
Old Brahmaputra	SW225	Jamalpur	24-May-69	13.29
Old Brahmaputra	SW225	Jamalpur	25-May-69	13.66
Old Brahmaputra	SW225	Jamalpur	26-May-69	13.95
Old Brahmaputra	SW225	Jamalpur	27-May-69	14.18
Old Brahmaputra	SW225	Jamalpur	28-May-69	14.2
Old Brahmaputra	SW225	Jamalpur	29-May-69	14.18
Old Brahmaputra	SW225	Jamalpur	30-May-69	14.1
Old Brahmaputra	SW225	Jamalpur	31-May-69	13.98
Old Brahmaputra	SW225	Jamalpur	01-Jun-69	13.88
Old Brahmaputra	SW225	Jamalpur	02-Jun-69	13.77
Old Brahmaputra	SW225	Jamalpur	03-Jun-69	13.68
Old Brahmaputra	SW225	Jamalpur	04-Jun-69	13.57
Old Brahmaputra	SW225	Jamalpur	05-Jun-69	13.47
Old Brahmaputra	SW225	Jamalpur	06-Jun-69	13.41
Old Brahmaputra	SW225	Jamalpur	07-Jun-69	13.47
Old Brahmaputra	SW225	Jamalpur	08-Jun-69	13.67
Old Brahmaputra	SW225	Jamalpur	09-Jun-69	13.78
Old Brahmaputra	SW225	Jamalpur	10-Jun-69	13.86
Old Brahmaputra	SW225	Jamalpur	11-Jun-69	14.08
Old Brahmaputra	SW225	Jamalpur	12-Jun-69	14.32
Old Brahmaputra	SW225	Jamalpur	13-Jun-69	14.63
Old Brahmaputra	SW225	Jamalpur	14-Jun-69	14.94

Old Brahmaputra	SW225	Jamalpur	15-Jun-69	15.28
Old Brahmaputra	SW225	Jamalpur	16-Jun-69	15.49
Old Brahmaputra	SW225	Jamalpur	17-Jun-69	15.6
Old Brahmaputra	SW225	Jamalpur	18-Jun-69	15.66
Old Brahmaputra	SW225	Jamalpur	19-Jun-69	15.66
Old Brahmaputra	SW225	Jamalpur	20-Jun-69	15.65
Old Brahmaputra	SW225	Jamalpur	21-Jun-69	15.56
Old Brahmaputra	SW225	Jamalpur	22-Jun-69	15.44
Old Brahmaputra	SW225	Jamalpur	23-Jun-69	15.36
Old Brahmaputra	SW225	Jamalpur	24-Jun-69	15.35
Old Brahmaputra	SW225	Jamalpur	25-Jun-69	15.41
Old Brahmaputra	SW225	Jamalpur	26-Jun-69	15.56
Old Brahmaputra	SW225	Jamalpur	27-Jun-69	15.78
Old Brahmaputra	SW225	Jamalpur	28-Jun-69	15.95
Old Brahmaputra	SW225	Jamalpur	29-Jun-69	16.07
Old Brahmaputra	SW225	Jamalpur	30-Jun-69	16.11
Old Brahmaputra	SW225	Jamalpur	01-Jul-69	16.08
Old Brahmaputra	SW225	Jamalpur	02-Jul-69	16.05
Old Brahmaputra	SW225	Jamalpur	03-Jul-69	15.95
Old Brahmaputra	SW225	Jamalpur	04-Jul-69	15.88
Old Brahmaputra	SW225	Jamalpur	05-Jul-69	15.81
Old Brahmaputra	SW225	Jamalpur	06-Jul-69	15.77
Old Brahmaputra	SW225	Jamalpur	07-Jul-69	15.78
Old Brahmaputra	SW225	Jamalpur	08-Jul-69	15.88
Old Brahmaputra	SW225	Jamalpur	09-Jul-69	16.17
Old Brahmaputra	SW225	Jamalpur	10-Jul-69	16.36
Old Brahmaputra	SW225	Jamalpur	11-Jul-69	16.36
Old Brahmaputra	SW225	Jamalpur	12-Jul-69	16.38
Old Brahmaputra	SW225	Jamalpur	13-Jul-69	16.41
Old Brahmaputra	SW225	Jamalpur	14-Jul-69	16.49
Old Brahmaputra	SW225	Jamalpur	15-Jul-69	16.56
Old Brahmaputra	SW225	Jamalpur	16-Jul-69	16.6
Old Brahmaputra	SW225	Jamalpur	17-Jul-69	16.66
Old Brahmaputra	SW225	Jamalpur	18-Jul-69	16.78
Old Brahmaputra	SW225	Jamalpur	19-Jul-69	16.88
Old Brahmaputra	SW225	Jamalpur	20-Jul-69	16.93
Old Brahmaputra	SW225	Jamalpur	21-Jul-69	16.94
Old Brahmaputra	SW225	Jamalpur	22-Jul-69	16.98
Old Brahmaputra	SW225	Jamalpur	23-Jul-69	17.05
Old Brahmaputra	SW225	Jamalpur	24-Jul-69	17.08
Old Brahmaputra	SW225	Jamalpur	25-Jul-69	17.08
Old Brahmaputra	SW225	Jamalpur	26-Jul-69	17.02
Old Brahmaputra	SW225	Jamalpur	27-Jul-69	16.93
Old Brahmaputra	SW225	Jamalpur	28-Jul-69	16.84
Old Brahmaputra	SW225	Jamalpur	29-Jul-69	16.75
Old Brahmaputra	SW225	Jamalpur	30-Jul-69	16.63
Old Brahmaputra	SW225	Jamalpur	31-Jul-69	16.52
Old Brahmaputra	SW225	Jamalpur	01-Aug-69	16.41
Old Brahmaputra	SW225	Jamalpur	02-Aug-69	16.27
Old Brahmaputra	SW225	Jamalpur	03-Aug-69	16.13

Old Brahmaputra	SW225	Jamalpur	04-Aug-69	15.98
Old Brahmaputra	SW225	Jamalpur	05-Aug-69	15.79
Old Brahmaputra	SW225	Jamalpur	06-Aug-69	15.78
Old Brahmaputra	SW225	Jamalpur	07-Aug-69	15.68
Old Brahmaputra	SW225	Jamalpur	08-Aug-69	15.63
Old Brahmaputra	SW225	Jamalpur	09-Aug-69	15.6
Old Brahmaputra	SW225	Jamalpur	10-Aug-69	15.59
Old Brahmaputra	SW225	Jamalpur	11-Aug-69	15.61
Old Brahmaputra	SW225	Jamalpur	12-Aug-69	15.62
Old Brahmaputra	SW225	Jamalpur	13-Aug-69	15.6
Old Brahmaputra	SW225	Jamalpur	14-Aug-69	15.56
Old Brahmaputra	SW225	Jamalpur	15-Aug-69	15.55
Old Brahmaputra	SW225	Jamalpur	16-Aug-69	15.53
Old Brahmaputra	SW225	Jamalpur	17-Aug-69	15.59
Old Brahmaputra	SW225	Jamalpur	18-Aug-69	15.75
Old Brahmaputra	SW225	Jamalpur	19-Aug-69	15.83
Old Brahmaputra	SW225	Jamalpur	20-Aug-69	16.02
Old Brahmaputra	SW225	Jamalpur	21-Aug-69	16.06
Old Brahmaputra	SW225	Jamalpur	22-Aug-69	16.08
Old Brahmaputra	SW225	Jamalpur	23-Aug-69	16.14
Old Brahmaputra	SW225	Jamalpur	24-Aug-69	16.19
Old Brahmaputra	SW225	Jamalpur	25-Aug-69	16.25
Old Brahmaputra	SW225	Jamalpur	26-Aug-69	16.3
Old Brahmaputra	SW225	Jamalpur	27-Aug-69	16.32
Old Brahmaputra	SW225	Jamalpur	28-Aug-69	16.32
Old Brahmaputra	SW225	Jamalpur	29-Aug-69	16.32
Old Brahmaputra	SW225	Jamalpur	30-Aug-69	16.33
Old Brahmaputra	SW225	Jamalpur	31-Aug-69	16.32
Old Brahmaputra	SW225	Jamalpur	01-Sep-69	16.29
Old Brahmaputra	SW225	Jamalpur	02-Sep-69	16.27
Old Brahmaputra	SW225	Jamalpur	03-Sep-69	16.28
Old Brahmaputra	SW225	Jamalpur	04-Sep-69	16.33
Old Brahmaputra	SW225	Jamalpur	05-Sep-69	16.36
Old Brahmaputra	SW225	Jamalpur	06-Sep-69	16.39
Old Brahmaputra	SW225	Jamalpur	07-Sep-69	16.35
Old Brahmaputra	SW225	Jamalpur	08-Sep-69	16.33
Old Brahmaputra	SW225	Jamalpur	09-Sep-69	16.3
Old Brahmaputra	SW225	Jamalpur	10-Sep-69	16.25
Old Brahmaputra	SW225	Jamalpur	11-Sep-69	16.18
Old Brahmaputra	SW225	Jamalpur	12-Sep-69	16.15
Old Brahmaputra	SW225	Jamalpur	13-Sep-69	16.11
Old Brahmaputra	SW225	Jamalpur	14-Sep-69	16.06
Old Brahmaputra	SW225	Jamalpur	15-Sep-69	16.02
Old Brahmaputra	SW225	Jamalpur	16-Sep-69	15.97
Old Brahmaputra	SW225	Jamalpur	17-Sep-69	15.92
Old Brahmaputra	SW225	Jamalpur	18-Sep-69	15.88
Old Brahmaputra	SW225	Jamalpur	19-Sep-69	15.81
Old Brahmaputra	SW225	Jamalpur	20-Sep-69	15.74
Old Brahmaputra	SW225	Jamalpur	21-Sep-69	15.61
Old Brahmaputra	SW225	Jamalpur	22-Sep-69	15.48

Old Brahmaputra	SW225	Jamalpur	23-Sep-69	15.38
Old Brahmaputra	SW225	Jamalpur	24-Sep-69	15.23
Old Brahmaputra	SW225	Jamalpur	25-Sep-69	15.12
Old Brahmaputra	SW225	Jamalpur	26-Sep-69	15.01
Old Brahmaputra	SW225	Jamalpur	27-Sep-69	14.94
Old Brahmaputra	SW225	Jamalpur	28-Sep-69	15.09
Old Brahmaputra	SW225	Jamalpur	29-Sep-69	14.94
Old Brahmaputra	SW225	Jamalpur	30-Sep-69	14.9
Old Brahmaputra	SW225	Jamalpur	01-Oct-69	14.81
Old Brahmaputra	SW225	Jamalpur	02-Oct-69	14.7
Old Brahmaputra	SW225	Jamalpur	03-Oct-69	14.61
Old Brahmaputra	SW225	Jamalpur	04-Oct-69	14.52
Old Brahmaputra	SW225	Jamalpur	05-Oct-69	14.43
Old Brahmaputra	SW225	Jamalpur	06-Oct-69	14.37
Old Brahmaputra	SW225	Jamalpur	07-Oct-69	14.3
Old Brahmaputra	SW225	Jamalpur	08-Oct-69	14.08
Old Brahmaputra	SW225	Jamalpur	09-Oct-69	14.15
Old Brahmaputra	SW225	Jamalpur	10-Oct-69	14.05
Old Brahmaputra	SW225	Jamalpur	11-Oct-69	13.98
Old Brahmaputra	SW225	Jamalpur	12-Oct-69	13.91
Old Brahmaputra	SW225	Jamalpur	13-Oct-69	13.87
Old Brahmaputra	SW225	Jamalpur	14-Oct-69	13.79
Old Brahmaputra	SW225	Jamalpur	15-Oct-69	13.73
Old Brahmaputra	SW225	Jamalpur	16-Oct-69	13.67
Old Brahmaputra	SW225	Jamalpur	17-Oct-69	13.65
Old Brahmaputra	SW225	Jamalpur	18-Oct-69	13.62
Old Brahmaputra	SW225	Jamalpur	19-Oct-69	13.56
Old Brahmaputra	SW225	Jamalpur	20-Oct-69	13.5
Old Brahmaputra	SW225	Jamalpur	21-Oct-69	13.41
Old Brahmaputra	SW225	Jamalpur	22-Oct-69	13.35
Old Brahmaputra	SW225	Jamalpur	23-Oct-69	13.29
Old Brahmaputra	SW225	Jamalpur	24-Oct-69	13.22
Old Brahmaputra	SW225	Jamalpur	25-Oct-69	13.16
Old Brahmaputra	SW225	Jamalpur	26-Oct-69	13.13
Old Brahmaputra	SW225	Jamalpur	27-Oct-69	13.09
Old Brahmaputra	SW225	Jamalpur	28-Oct-69	13.04
Old Brahmaputra	SW225	Jamalpur	29-Oct-69	13.01
Old Brahmaputra	SW225	Jamalpur	30-Oct-69	12.95
Old Brahmaputra	SW225	Jamalpur	31-Oct-69	12.9
Old Brahmaputra	SW225	Jamalpur	01-Nov-69	12.83
Old Brahmaputra	SW225	Jamalpur	02-Nov-69	12.78
Old Brahmaputra	SW225	Jamalpur	03-Nov-69	12.73
Old Brahmaputra	SW225	Jamalpur	04-Nov-69	12.69
Old Brahmaputra	SW225	Jamalpur	05-Nov-69	12.65
Old Brahmaputra	SW225	Jamalpur	06-Nov-69	12.61
Old Brahmaputra	SW225	Jamalpur	07-Nov-69	12.58
Old Brahmaputra	SW225	Jamalpur	08-Nov-69	12.55
Old Brahmaputra	SW225	Jamalpur	09-Nov-69	12.52
Old Brahmaputra	SW225	Jamalpur	10-Nov-69	12.49
Old Brahmaputra	SW225	Jamalpur	11-Nov-69	12.47

Old Brahmaputra	SW225	Jamalpur	12-Nov-69	12.46
Old Brahmaputra	SW225	Jamalpur	13-Nov-69	12.44
Old Brahmaputra	SW225	Jamalpur	14-Nov-69	12.42
Old Brahmaputra	SW225	Jamalpur	15-Nov-69	12.4
Old Brahmaputra	SW225	Jamalpur	16-Nov-69	12.37
Old Brahmaputra	SW225	Jamalpur	17-Nov-69	12.35
Old Brahmaputra	SW225	Jamalpur	18-Nov-69	12.33
Old Brahmaputra	SW225	Jamalpur	19-Nov-69	12.31
Old Brahmaputra	SW225	Jamalpur	20-Nov-69	12.3
Old Brahmaputra	SW225	Jamalpur	21-Nov-69	12.28
Old Brahmaputra	SW225	Jamalpur	22-Nov-69	12.28
Old Brahmaputra	SW225	Jamalpur	23-Nov-69	12.27
Old Brahmaputra	SW225	Jamalpur	24-Nov-69	12.25
Old Brahmaputra	SW225	Jamalpur	25-Nov-69	12.23
Old Brahmaputra	SW225	Jamalpur	26-Nov-69	12.22
Old Brahmaputra	SW225	Jamalpur	27-Nov-69	12.2
Old Brahmaputra	SW225	Jamalpur	28-Nov-69	12.19
Old Brahmaputra	SW225	Jamalpur	29-Nov-69	12.18
Old Brahmaputra	SW225	Jamalpur	30-Nov-69	12.16
Old Brahmaputra	SW225	Jamalpur	01-Dec-69	12.15
Old Brahmaputra	SW225	Jamalpur	02-Dec-69	12.13
Old Brahmaputra	SW225	Jamalpur	03-Dec-69	12.11
Old Brahmaputra	SW225	Jamalpur	04-Dec-69	12.11
Old Brahmaputra	SW225	Jamalpur	05-Dec-69	12.1
Old Brahmaputra	SW225	Jamalpur	06-Dec-69	12.1
Old Brahmaputra	SW225	Jamalpur	07-Dec-69	12.09
Old Brahmaputra	SW225	Jamalpur	08-Dec-69	12.09
Old Brahmaputra	SW225	Jamalpur	09-Dec-69	12.06
Old Brahmaputra	SW225	Jamalpur	10-Dec-69	12.06
Old Brahmaputra	SW225	Jamalpur	11-Dec-69	12.06
Old Brahmaputra	SW225	Jamalpur	12-Dec-69	12.04
Old Brahmaputra	SW225	Jamalpur	13-Dec-69	12.04
Old Brahmaputra	SW225	Jamalpur	14-Dec-69	12.04
Old Brahmaputra	SW225	Jamalpur	15-Dec-69	12.02
Old Brahmaputra	SW225	Jamalpur	16-Dec-69	12.02
Old Brahmaputra	SW225	Jamalpur	17-Dec-69	12.01
Old Brahmaputra	SW225	Jamalpur	18-Dec-69	12.01
Old Brahmaputra	SW225	Jamalpur	19-Dec-69	12.01
Old Brahmaputra	SW225	Jamalpur	20-Dec-69	12.01
Old Brahmaputra	SW225	Jamalpur	21-Dec-69	12.01
Old Brahmaputra	SW225	Jamalpur	22-Dec-69	12.01
Old Brahmaputra	SW225	Jamalpur	23-Dec-69	12.01
Old Brahmaputra	SW225	Jamalpur	24-Dec-69	11.99
Old Brahmaputra	SW225	Jamalpur	25-Dec-69	11.99
Old Brahmaputra	SW225	Jamalpur	26-Dec-69	11.99
Old Brahmaputra	SW225	Jamalpur	27-Dec-69	11.99
Old Brahmaputra	SW225	Jamalpur	28-Dec-69	11.98
Old Brahmaputra	SW225	Jamalpur	29-Dec-69	11.98
Old Brahmaputra	SW225	Jamalpur	30-Dec-69	11.98
Old Brahmaputra	SW225	Jamalpur	31-Dec-69	11.98

Old Brahmaputra	SW225	Jamalpur	01-Jan-70	11.98
Old Brahmaputra	SW225	Jamalpur	02-Jan-70	11.98
Old Brahmaputra	SW225	Jamalpur	03-Jan-70	11.97
Old Brahmaputra	SW225	Jamalpur	04-Jan-70	11.97
Old Brahmaputra	SW225	Jamalpur	05-Jan-70	11.97
Old Brahmaputra	SW225	Jamalpur	06-Jan-70	11.97
Old Brahmaputra	SW225	Jamalpur	07-Jan-70	11.97
Old Brahmaputra	SW225	Jamalpur	08-Jan-70	11.95
Old Brahmaputra	SW225	Jamalpur	09-Jan-70	11.95
Old Brahmaputra	SW225	Jamalpur	10-Jan-70	11.95
Old Brahmaputra	SW225	Jamalpur	11-Jan-70	11.95
Old Brahmaputra	SW225	Jamalpur	12-Jan-70	11.93
Old Brahmaputra	SW225	Jamalpur	13-Jan-70	11.93
Old Brahmaputra	SW225	Jamalpur	14-Jan-70	11.93
Old Brahmaputra	SW225	Jamalpur	15-Jan-70	11.93
Old Brahmaputra	SW225	Jamalpur	16-Jan-70	11.93
Old Brahmaputra	SW225	Jamalpur	17-Jan-70	11.93
Old Brahmaputra	SW225	Jamalpur	18-Jan-70	11.93
Old Brahmaputra	SW225	Jamalpur	19-Jan-70	11.93
Old Brahmaputra	SW225	Jamalpur	20-Jan-70	11.93
Old Brahmaputra	SW225	Jamalpur	21-Jan-70	11.94
Old Brahmaputra	SW225	Jamalpur	22-Jan-70	11.95
Old Brahmaputra	SW225	Jamalpur	23-Jan-70	11.94
Old Brahmaputra	SW225	Jamalpur	24-Jan-70	11.93
Old Brahmaputra	SW225	Jamalpur	25-Jan-70	11.91
Old Brahmaputra	SW225	Jamalpur	26-Jan-70	11.91
Old Brahmaputra	SW225	Jamalpur	27-Jan-70	11.91
Old Brahmaputra	SW225	Jamalpur	28-Jan-70	11.93
Old Brahmaputra	SW225	Jamalpur	29-Jan-70	11.91
Old Brahmaputra	SW225	Jamalpur	30-Jan-70	11.91
Old Brahmaputra	SW225	Jamalpur	31-Jan-70	11.91
Old Brahmaputra	SW225	Jamalpur	01-Feb-70	11.91
Old Brahmaputra	SW225	Jamalpur	02-Feb-70	11.9
Old Brahmaputra	SW225	Jamalpur	03-Feb-70	11.9
Old Brahmaputra	SW225	Jamalpur	04-Feb-70	11.9
Old Brahmaputra	SW225	Jamalpur	05-Feb-70	11.9
Old Brahmaputra	SW225	Jamalpur	06-Feb-70	11.9
Old Brahmaputra	SW225	Jamalpur	07-Feb-70	11.9
Old Brahmaputra	SW225	Jamalpur	08-Feb-70	11.89
Old Brahmaputra	SW225	Jamalpur	09-Feb-70	11.89
Old Brahmaputra	SW225	Jamalpur	10-Feb-70	11.89
Old Brahmaputra	SW225	Jamalpur	11-Feb-70	11.89
Old Brahmaputra	SW225	Jamalpur	12-Feb-70	11.89
Old Brahmaputra	SW225	Jamalpur	13-Feb-70	11.89
Old Brahmaputra	SW225	Jamalpur	14-Feb-70	11.89
Old Brahmaputra	SW225	Jamalpur	15-Feb-70	11.87
Old Brahmaputra	SW225	Jamalpur	16-Feb-70	11.87
Old Brahmaputra	SW225	Jamalpur	17-Feb-70	11.87
Old Brahmaputra	SW225	Jamalpur	18-Feb-70	11.87
Old Brahmaputra	SW225	Jamalpur	19-Feb-70	11.87

Old Brahmaputra	SW225	Jamalpur	20-Feb-70	11.89
Old Brahmaputra	SW225	Jamalpur	21-Feb-70	11.89
Old Brahmaputra	SW225	Jamalpur	22-Feb-70	11.87
Old Brahmaputra	SW225	Jamalpur	23-Feb-70	11.87
Old Brahmaputra	SW225	Jamalpur	24-Feb-70	11.87
Old Brahmaputra	SW225	Jamalpur	25-Feb-70	11.85
Old Brahmaputra	SW225	Jamalpur	26-Feb-70	11.85
Old Brahmaputra	SW225	Jamalpur	27-Feb-70	11.85
Old Brahmaputra	SW225	Jamalpur	28-Feb-70	11.85
Old Brahmaputra	SW225	Jamalpur	01-Mar-70	11.85
Old Brahmaputra	SW225	Jamalpur	02-Mar-70	11.85
Old Brahmaputra	SW225	Jamalpur	03-Mar-70	11.85
Old Brahmaputra	SW225	Jamalpur	04-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	05-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	06-Mar-70	11.85
Old Brahmaputra	SW225	Jamalpur	07-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	08-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	09-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	10-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	11-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	12-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	13-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	14-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	15-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	16-Mar-70	11.82
Old Brahmaputra	SW225	Jamalpur	17-Mar-70	11.82
Old Brahmaputra	SW225	Jamalpur	18-Mar-70	11.81
Old Brahmaputra	SW225	Jamalpur	19-Mar-70	11.81
Old Brahmaputra	SW225	Jamalpur	20-Mar-70	11.82
Old Brahmaputra	SW225	Jamalpur	21-Mar-70	11.82
Old Brahmaputra	SW225	Jamalpur	22-Mar-70	11.82
Old Brahmaputra	SW225	Jamalpur	23-Mar-70	11.82
Old Brahmaputra	SW225	Jamalpur	24-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	25-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	26-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	27-Mar-70	11.85
Old Brahmaputra	SW225	Jamalpur	28-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	29-Mar-70	11.84
Old Brahmaputra	SW225	Jamalpur	30-Mar-70	11.82
Old Brahmaputra	SW225	Jamalpur	31-Mar-70	11.82
Old Brahmaputra	SW225	Jamalpur	01-Apr-70	11.81
Old Brahmaputra	SW225	Jamalpur	02-Apr-70	11.81
Old Brahmaputra	SW225	Jamalpur	03-Apr-70	11.81
Old Brahmaputra	SW225	Jamalpur	04-Apr-70	11.81
Old Brahmaputra	SW225	Jamalpur	05-Apr-70	11.81
Old Brahmaputra	SW225	Jamalpur	06-Apr-70	11.82
Old Brahmaputra	SW225	Jamalpur	07-Apr-70	12.11
Old Brahmaputra	SW225	Jamalpur	08-Apr-70	12.4
Old Brahmaputra	SW225	Jamalpur	09-Apr-70	12.39
Old Brahmaputra	SW225	Jamalpur	10-Apr-70	12.27

Old Brahmaputra	SW225	Jamalpur	11-Apr-70	12.18
Old Brahmaputra	SW225	Jamalpur	12-Apr-70	12.11
Old Brahmaputra	SW225	Jamalpur	13-Apr-70	12.08
Old Brahmaputra	SW225	Jamalpur	14-Apr-70	12.03
Old Brahmaputra	SW225	Jamalpur	15-Apr-70	11.98
Old Brahmaputra	SW225	Jamalpur	16-Apr-70	11.97
Old Brahmaputra	SW225	Jamalpur	17-Apr-70	12.08
Old Brahmaputra	SW225	Jamalpur	18-Apr-70	12.23
Old Brahmaputra	SW225	Jamalpur	19-Apr-70	12.3
Old Brahmaputra	SW225	Jamalpur	20-Apr-70	12.27
Old Brahmaputra	SW225	Jamalpur	21-Apr-70	12.23
Old Brahmaputra	SW225	Jamalpur	22-Apr-70	12.19
Old Brahmaputra	SW225	Jamalpur	23-Apr-70	12.15
Old Brahmaputra	SW225	Jamalpur	24-Apr-70	12.13
Old Brahmaputra	SW225	Jamalpur	25-Apr-70	12.13
Old Brahmaputra	SW225	Jamalpur	26-Apr-70	12.23
Old Brahmaputra	SW225	Jamalpur	27-Apr-70	12.42
Old Brahmaputra	SW225	Jamalpur	28-Apr-70	12.56
Old Brahmaputra	SW225	Jamalpur	29-Apr-70	12.64
Old Brahmaputra	SW225	Jamalpur	30-Apr-70	12.66
Old Brahmaputra	SW225	Jamalpur	01-May-70	12.63
Old Brahmaputra	SW225	Jamalpur	02-May-70	12.6
Old Brahmaputra	SW225	Jamalpur	03-May-70	12.6
Old Brahmaputra	SW225	Jamalpur	04-May-70	12.68
Old Brahmaputra	SW225	Jamalpur	05-May-70	13.13
Old Brahmaputra	SW225	Jamalpur	06-May-70	13.7
Old Brahmaputra	SW225	Jamalpur	07-May-70	13.97
Old Brahmaputra	SW225	Jamalpur	08-May-70	13.98
Old Brahmaputra	SW225	Jamalpur	09-May-70	13.89
Old Brahmaputra	SW225	Jamalpur	10-May-70	13.82
Old Brahmaputra	SW225	Jamalpur	11-May-70	13.67
Old Brahmaputra	SW225	Jamalpur	12-May-70	13.52
Old Brahmaputra	SW225	Jamalpur	13-May-70	13.45
Old Brahmaputra	SW225	Jamalpur	14-May-70	13.51
Old Brahmaputra	SW225	Jamalpur	15-May-70	13.58
Old Brahmaputra	SW225	Jamalpur	16-May-70	13.86
Old Brahmaputra	SW225	Jamalpur	17-May-70	14.39
Old Brahmaputra	SW225	Jamalpur	18-May-70	14.75
Old Brahmaputra	SW225	Jamalpur	19-May-70	15.01
Old Brahmaputra	SW225	Jamalpur	20-May-70	15.02
Old Brahmaputra	SW225	Jamalpur	21-May-70	14.99
Old Brahmaputra	SW225	Jamalpur	22-May-70	14.96
Old Brahmaputra	SW225	Jamalpur	23-May-70	14.91
Old Brahmaputra	SW225	Jamalpur	24-May-70	14.7
Old Brahmaputra	SW225	Jamalpur	25-May-70	14.52
Old Brahmaputra	SW225	Jamalpur	26-May-70	14.21
Old Brahmaputra	SW225	Jamalpur	27-May-70	14.08
Old Brahmaputra	SW225	Jamalpur	28-May-70	13.91
Old Brahmaputra	SW225	Jamalpur	29-May-70	13.77
Old Brahmaputra	SW225	Jamalpur	30-May-70	13.67

Old Brahmaputra	SW225	Jamalpur	31-May-70	13.65
Old Brahmaputra	SW225	Jamalpur	01-Jun-70	13.97
Old Brahmaputra	SW225	Jamalpur	02-Jun-70	14.11
Old Brahmaputra	SW225	Jamalpur	03-Jun-70	14.18
Old Brahmaputra	SW225	Jamalpur	04-Jun-70	14.2
Old Brahmaputra	SW225	Jamalpur	05-Jun-70	14.32
Old Brahmaputra	SW225	Jamalpur	06-Jun-70	14.63
Old Brahmaputra	SW225	Jamalpur	07-Jun-70	14.81
Old Brahmaputra	SW225	Jamalpur	08-Jun-70	14.79
Old Brahmaputra	SW225	Jamalpur	09-Jun-70	14.74
Old Brahmaputra	SW225	Jamalpur	10-Jun-70	14.84
Old Brahmaputra	SW225	Jamalpur	11-Jun-70	15.04
Old Brahmaputra	SW225	Jamalpur	12-Jun-70	15.18
Old Brahmaputra	SW225	Jamalpur	13-Jun-70	15.23
Old Brahmaputra	SW225	Jamalpur	14-Jun-70	15.25
Old Brahmaputra	SW225	Jamalpur	15-Jun-70	15.27
Old Brahmaputra	SW225	Jamalpur	16-Jun-70	15.26
Old Brahmaputra	SW225	Jamalpur	17-Jun-70	15.19
Old Brahmaputra	SW225	Jamalpur	18-Jun-70	15.15
Old Brahmaputra	SW225	Jamalpur	19-Jun-70	15.22
Old Brahmaputra	SW225	Jamalpur	20-Jun-70	15.17
Old Brahmaputra	SW225	Jamalpur	21-Jun-70	15.12
Old Brahmaputra	SW225	Jamalpur	22-Jun-70	15.13
Old Brahmaputra	SW225	Jamalpur	23-Jun-70	15.27
Old Brahmaputra	SW225	Jamalpur	24-Jun-70	15.45
Old Brahmaputra	SW225	Jamalpur	25-Jun-70	15.78
Old Brahmaputra	SW225	Jamalpur	26-Jun-70	16.03
Old Brahmaputra	SW225	Jamalpur	27-Jun-70	16.25
Old Brahmaputra	SW225	Jamalpur	28-Jun-70	16.39
Old Brahmaputra	SW225	Jamalpur	29-Jun-70	16.46
Old Brahmaputra	SW225	Jamalpur	30-Jun-70	16.43
Old Brahmaputra	SW225	Jamalpur	01-Jul-70	16.35
Old Brahmaputra	SW225	Jamalpur	02-Jul-70	16.25
Old Brahmaputra	SW225	Jamalpur	03-Jul-70	16.09
Old Brahmaputra	SW225	Jamalpur	04-Jul-70	15.92
Old Brahmaputra	SW225	Jamalpur	05-Jul-70	15.73
Old Brahmaputra	SW225	Jamalpur	06-Jul-70	15.57
Old Brahmaputra	SW225	Jamalpur	07-Jul-70	15.47
Old Brahmaputra	SW225	Jamalpur	08-Jul-70	15.4
Old Brahmaputra	SW225	Jamalpur	09-Jul-70	15.35
Old Brahmaputra	SW225	Jamalpur	10-Jul-70	15.31
Old Brahmaputra	SW225	Jamalpur	11-Jul-70	15.34
Old Brahmaputra	SW225	Jamalpur	12-Jul-70	15.4
Old Brahmaputra	SW225	Jamalpur	13-Jul-70	15.56
Old Brahmaputra	SW225	Jamalpur	14-Jul-70	15.69
Old Brahmaputra	SW225	Jamalpur	15-Jul-70	15.81
Old Brahmaputra	SW225	Jamalpur	16-Jul-70	15.94
Old Brahmaputra	SW225	Jamalpur	17-Jul-70	16.08
Old Brahmaputra	SW225	Jamalpur	18-Jul-70	16.25
Old Brahmaputra	SW225	Jamalpur	19-Jul-70	16.4

Old Brahmaputra	SW225	Jamalpur	20-Jul-70	16.53
Old Brahmaputra	SW225	Jamalpur	21-Jul-70	16.64
Old Brahmaputra	SW225	Jamalpur	22-Jul-70	16.73
Old Brahmaputra	SW225	Jamalpur	23-Jul-70	16.84
Old Brahmaputra	SW225	Jamalpur	24-Jul-70	16.97
Old Brahmaputra	SW225	Jamalpur	25-Jul-70	17.04
Old Brahmaputra	SW225	Jamalpur	26-Jul-70	17.13
Old Brahmaputra	SW225	Jamalpur	27-Jul-70	17.22
Old Brahmaputra	SW225	Jamalpur	28-Jul-70	17.29
Old Brahmaputra	SW225	Jamalpur	29-Jul-70	17.33
Old Brahmaputra	SW225	Jamalpur	30-Jul-70	17.36
Old Brahmaputra	SW225	Jamalpur	31-Jul-70	17.38
Old Brahmaputra	SW225	Jamalpur	01-Aug-70	17.34
Old Brahmaputra	SW225	Jamalpur	02-Aug-70	17.25
Old Brahmaputra	SW225	Jamalpur	03-Aug-70	17.15
Old Brahmaputra	SW225	Jamalpur	04-Aug-70	17.07
Old Brahmaputra	SW225	Jamalpur	05-Aug-70	17
Old Brahmaputra	SW225	Jamalpur	06-Aug-70	16.95
Old Brahmaputra	SW225	Jamalpur	07-Aug-70	16.93
Old Brahmaputra	SW225	Jamalpur	08-Aug-70	16.9
Old Brahmaputra	SW225	Jamalpur	09-Aug-70	16.87
Old Brahmaputra	SW225	Jamalpur	10-Aug-70	16.83
Old Brahmaputra	SW225	Jamalpur	11-Aug-70	16.8
Old Brahmaputra	SW225	Jamalpur	12-Aug-70	16.77
Old Brahmaputra	SW225	Jamalpur	13-Aug-70	16.75
Old Brahmaputra	SW225	Jamalpur	14-Aug-70	16.74
Old Brahmaputra	SW225	Jamalpur	15-Aug-70	16.69
Old Brahmaputra	SW225	Jamalpur	16-Aug-70	16.65
Old Brahmaputra	SW225	Jamalpur	17-Aug-70	16.59
Old Brahmaputra	SW225	Jamalpur	18-Aug-70	16.5
Old Brahmaputra	SW225	Jamalpur	19-Aug-70	16.42
Old Brahmaputra	SW225	Jamalpur	20-Aug-70	16.3
Old Brahmaputra	SW225	Jamalpur	21-Aug-70	16.18
Old Brahmaputra	SW225	Jamalpur	22-Aug-70	16.01
Old Brahmaputra	SW225	Jamalpur	23-Aug-70	15.83
Old Brahmaputra	SW225	Jamalpur	24-Aug-70	15.64
Old Brahmaputra	SW225	Jamalpur	25-Aug-70	15.48
Old Brahmaputra	SW225	Jamalpur	26-Aug-70	15.37
Old Brahmaputra	SW225	Jamalpur	27-Aug-70	15.31
Old Brahmaputra	SW225	Jamalpur	28-Aug-70	15.27
Old Brahmaputra	SW225	Jamalpur	29-Aug-70	15.23
Old Brahmaputra	SW225	Jamalpur	30-Aug-70	15.23
Old Brahmaputra	SW225	Jamalpur	31-Aug-70	15.23
Old Brahmaputra	SW225	Jamalpur	01-Sep-70	15.21
Old Brahmaputra	SW225	Jamalpur	02-Sep-70	15.19
Old Brahmaputra	SW225	Jamalpur	03-Sep-70	15.2
Old Brahmaputra	SW225	Jamalpur	04-Sep-70	15.23
Old Brahmaputra	SW225	Jamalpur	05-Sep-70	15.23
Old Brahmaputra	SW225	Jamalpur	06-Sep-70	14.99
Old Brahmaputra	SW225	Jamalpur	07-Sep-70	15.01

Old Brahmaputra	SW225	Jamalpur	08-Sep-70	14.88
Old Brahmaputra	SW225	Jamalpur	09-Sep-70	14.76
Old Brahmaputra	SW225	Jamalpur	10-Sep-70	14.66
Old Brahmaputra	SW225	Jamalpur	11-Sep-70	14.61
Old Brahmaputra	SW225	Jamalpur	12-Sep-70	14.52
Old Brahmaputra	SW225	Jamalpur	13-Sep-70	14.43
Old Brahmaputra	SW225	Jamalpur	14-Sep-70	14.39
Old Brahmaputra	SW225	Jamalpur	15-Sep-70	14.52
Old Brahmaputra	SW225	Jamalpur	16-Sep-70	14.65
Old Brahmaputra	SW225	Jamalpur	17-Sep-70	14.89
Old Brahmaputra	SW225	Jamalpur	18-Sep-70	15.02
Old Brahmaputra	SW225	Jamalpur	19-Sep-70	15.09
Old Brahmaputra	SW225	Jamalpur	20-Sep-70	15.14
Old Brahmaputra	SW225	Jamalpur	21-Sep-70	15.24
Old Brahmaputra	SW225	Jamalpur	22-Sep-70	15.37
Old Brahmaputra	SW225	Jamalpur	23-Sep-70	15.49
Old Brahmaputra	SW225	Jamalpur	24-Sep-70	15.55
Old Brahmaputra	SW225	Jamalpur	25-Sep-70	15.52
Old Brahmaputra	SW225	Jamalpur	26-Sep-70	15.48
Old Brahmaputra	SW225	Jamalpur	27-Sep-70	15.5
Old Brahmaputra	SW225	Jamalpur	28-Sep-70	15.68
Old Brahmaputra	SW225	Jamalpur	29-Sep-70	15.91
Old Brahmaputra	SW225	Jamalpur	30-Sep-70	16.15
Old Brahmaputra	SW225	Jamalpur	01-Oct-70	16.28
Old Brahmaputra	SW225	Jamalpur	02-Oct-70	16.31
Old Brahmaputra	SW225	Jamalpur	03-Oct-70	16.3
Old Brahmaputra	SW225	Jamalpur	04-Oct-70	16.23
Old Brahmaputra	SW225	Jamalpur	05-Oct-70	16.18
Old Brahmaputra	SW225	Jamalpur	06-Oct-70	16.15
Old Brahmaputra	SW225	Jamalpur	07-Oct-70	16.13
Old Brahmaputra	SW225	Jamalpur	08-Oct-70	16.13
Old Brahmaputra	SW225	Jamalpur	09-Oct-70	16.07
Old Brahmaputra	SW225	Jamalpur	10-Oct-70	15.94
Old Brahmaputra	SW225	Jamalpur	11-Oct-70	15.73
Old Brahmaputra	SW225	Jamalpur	12-Oct-70	15.52
Old Brahmaputra	SW225	Jamalpur	13-Oct-70	15.21
Old Brahmaputra	SW225	Jamalpur	14-Oct-70	15.01
Old Brahmaputra	SW225	Jamalpur	15-Oct-70	14.83
Old Brahmaputra	SW225	Jamalpur	16-Oct-70	14.69
Old Brahmaputra	SW225	Jamalpur	17-Oct-70	14.51
Old Brahmaputra	SW225	Jamalpur	18-Oct-70	14.32
Old Brahmaputra	SW225	Jamalpur	19-Oct-70	14.19
Old Brahmaputra	SW225	Jamalpur	20-Oct-70	14.06
Old Brahmaputra	SW225	Jamalpur	21-Oct-70	13.94
Old Brahmaputra	SW225	Jamalpur	22-Oct-70	13.84
Old Brahmaputra	SW225	Jamalpur	23-Oct-70	13.76
Old Brahmaputra	SW225	Jamalpur	24-Oct-70	13.69
Old Brahmaputra	SW225	Jamalpur	25-Oct-70	13.53
Old Brahmaputra	SW225	Jamalpur	26-Oct-70	13.47
Old Brahmaputra	SW225	Jamalpur	27-Oct-70	13.45

Old Brahmaputra	SW225	Jamalpur	28-Oct-70	13.5
Old Brahmaputra	SW225	Jamalpur	29-Oct-70	13.56
Old Brahmaputra	SW225	Jamalpur	30-Oct-70	13.65
Old Brahmaputra	SW225	Jamalpur	31-Oct-70	13.74
Old Brahmaputra	SW225	Jamalpur	01-Nov-70	13.76
Old Brahmaputra	SW225	Jamalpur	02-Nov-70	13.67
Old Brahmaputra	SW225	Jamalpur	03-Nov-70	13.53
Old Brahmaputra	SW225	Jamalpur	04-Nov-70	13.38
Old Brahmaputra	SW225	Jamalpur	05-Nov-70	13.26
Old Brahmaputra	SW225	Jamalpur	06-Nov-70	13.16
Old Brahmaputra	SW225	Jamalpur	07-Nov-70	13.1
Old Brahmaputra	SW225	Jamalpur	08-Nov-70	13.04
Old Brahmaputra	SW225	Jamalpur	09-Nov-70	13
Old Brahmaputra	SW225	Jamalpur	10-Nov-70	12.93
Old Brahmaputra	SW225	Jamalpur	11-Nov-70	12.86
Old Brahmaputra	SW225	Jamalpur	12-Nov-70	12.81
Old Brahmaputra	SW225	Jamalpur	13-Nov-70	12.74
Old Brahmaputra	SW225	Jamalpur	14-Nov-70	12.68
Old Brahmaputra	SW225	Jamalpur	15-Nov-70	12.64
Old Brahmaputra	SW225	Jamalpur	16-Nov-70	12.6
Old Brahmaputra	SW225	Jamalpur	17-Nov-70	12.55
Old Brahmaputra	SW225	Jamalpur	18-Nov-70	12.52
Old Brahmaputra	SW225	Jamalpur	19-Nov-70	12.49
Old Brahmaputra	SW225	Jamalpur	20-Nov-70	12.46
Old Brahmaputra	SW225	Jamalpur	21-Nov-70	12.42
Old Brahmaputra	SW225	Jamalpur	22-Nov-70	12.4
Old Brahmaputra	SW225	Jamalpur	23-Nov-70	12.37
Old Brahmaputra	SW225	Jamalpur	24-Nov-70	12.35
Old Brahmaputra	SW225	Jamalpur	25-Nov-70	12.32
Old Brahmaputra	SW225	Jamalpur	26-Nov-70	12.3
Old Brahmaputra	SW225	Jamalpur	27-Nov-70	12.27
Old Brahmaputra	SW225	Jamalpur	28-Nov-70	12.24
Old Brahmaputra	SW225	Jamalpur	29-Nov-70	12.22
Old Brahmaputra	SW225	Jamalpur	30-Nov-70	12.2
Old Brahmaputra	SW225	Jamalpur	01-Dec-70	12.18
Old Brahmaputra	SW225	Jamalpur	02-Dec-70	12.18
Old Brahmaputra	SW225	Jamalpur	03-Dec-70	12.15
Old Brahmaputra	SW225	Jamalpur	04-Dec-70	12.13
Old Brahmaputra	SW225	Jamalpur	05-Dec-70	12.13
Old Brahmaputra	SW225	Jamalpur	06-Dec-70	12.1
Old Brahmaputra	SW225	Jamalpur	07-Dec-70	12.1
Old Brahmaputra	SW225	Jamalpur	08-Dec-70	12.09
Old Brahmaputra	SW225	Jamalpur	09-Dec-70	12.09
Old Brahmaputra	SW225	Jamalpur	10-Dec-70	12.07
Old Brahmaputra	SW225	Jamalpur	11-Dec-70	12.07
Old Brahmaputra	SW225	Jamalpur	12-Dec-70	12.06
Old Brahmaputra	SW225	Jamalpur	13-Dec-70	12.06
Old Brahmaputra	SW225	Jamalpur	14-Dec-70	12.04
Old Brahmaputra	SW225	Jamalpur	15-Dec-70	12.04
Old Brahmaputra	SW225	Jamalpur	16-Dec-70	12.03

Old Brahmaputra	SW225	Jamalpur	17-Dec-70	12.02
Old Brahmaputra	SW225	Jamalpur	18-Dec-70	12.02
Old Brahmaputra	SW225	Jamalpur	19-Dec-70	12.01
Old Brahmaputra	SW225	Jamalpur	20-Dec-70	12.01
Old Brahmaputra	SW225	Jamalpur	21-Dec-70	12.01
Old Brahmaputra	SW225	Jamalpur	22-Dec-70	12.01
Old Brahmaputra	SW225	Jamalpur	23-Dec-70	11.99
Old Brahmaputra	SW225	Jamalpur	24-Dec-70	11.99
Old Brahmaputra	SW225	Jamalpur	25-Dec-70	11.99
Old Brahmaputra	SW225	Jamalpur	26-Dec-70	11.99
Old Brahmaputra	SW225	Jamalpur	27-Dec-70	11.99
Old Brahmaputra	SW225	Jamalpur	28-Dec-70	11.98
Old Brahmaputra	SW225	Jamalpur	29-Dec-70	11.98
Old Brahmaputra	SW225	Jamalpur	30-Dec-70	11.98
Old Brahmaputra	SW225	Jamalpur	31-Dec-70	11.98
Old Brahmaputra	SW225	Jamalpur	01-Jan-71	11.98
Old Brahmaputra	SW225	Jamalpur	02-Jan-71	11.97
Old Brahmaputra	SW225	Jamalpur	03-Jan-71	11.97
Old Brahmaputra	SW225	Jamalpur	04-Jan-71	11.97
Old Brahmaputra	SW225	Jamalpur	05-Jan-71	11.97
Old Brahmaputra	SW225	Jamalpur	06-Jan-71	11.95
Old Brahmaputra	SW225	Jamalpur	07-Jan-71	11.95
Old Brahmaputra	SW225	Jamalpur	08-Jan-71	11.95
Old Brahmaputra	SW225	Jamalpur	09-Jan-71	11.95
Old Brahmaputra	SW225	Jamalpur	10-Jan-71	11.95
Old Brahmaputra	SW225	Jamalpur	11-Jan-71	11.95
Old Brahmaputra	SW225	Jamalpur	12-Jan-71	11.93
Old Brahmaputra	SW225	Jamalpur	13-Jan-71	11.93
Old Brahmaputra	SW225	Jamalpur	14-Jan-71	11.93
Old Brahmaputra	SW225	Jamalpur	15-Jan-71	11.93
Old Brahmaputra	SW225	Jamalpur	16-Jan-71	11.93
Old Brahmaputra	SW225	Jamalpur	17-Jan-71	11.93
Old Brahmaputra	SW225	Jamalpur	18-Jan-71	11.91
Old Brahmaputra	SW225	Jamalpur	19-Jan-71	11.91
Old Brahmaputra	SW225	Jamalpur	20-Jan-71	11.91
Old Brahmaputra	SW225	Jamalpur	21-Jan-71	11.91
Old Brahmaputra	SW225	Jamalpur	22-Jan-71	11.91
Old Brahmaputra	SW225	Jamalpur	23-Jan-71	11.91
Old Brahmaputra	SW225	Jamalpur	24-Jan-71	11.9
Old Brahmaputra	SW225	Jamalpur	25-Jan-71	11.9
Old Brahmaputra	SW225	Jamalpur	26-Jan-71	11.9
Old Brahmaputra	SW225	Jamalpur	27-Jan-71	11.9
Old Brahmaputra	SW225	Jamalpur	28-Jan-71	11.9
Old Brahmaputra	SW225	Jamalpur	29-Jan-71	11.9
Old Brahmaputra	SW225	Jamalpur	30-Jan-71	11.9
Old Brahmaputra	SW225	Jamalpur	31-Jan-71	11.9
Old Brahmaputra	SW225	Jamalpur	01-Feb-71	11.91
Old Brahmaputra	SW225	Jamalpur	02-Feb-71	11.9
Old Brahmaputra	SW225	Jamalpur	03-Feb-71	11.89
Old Brahmaputra	SW225	Jamalpur	04-Feb-71	11.89

Old Brahmaputra	SW225	Jamalpur	27-Mar-71	11.82
Old Brahmaputra	SW225	Jamalpur	28-Mar-71	11.82
Old Brahmaputra	SW225	Jamalpur	29-Mar-71	11.82
Old Brahmaputra	SW225	Jamalpur	30-Mar-71	11.84
Old Brahmaputra	SW225	Jamalpur	31-Mar-71	11.84
Old Brahmaputra	SW225	Jamalpur	01-Apr-71	11.82
Old Brahmaputra	SW225	Jamalpur	02-Apr-71	11.85
Old Brahmaputra	SW225	Jamalpur	03-Apr-71	11.85
Old Brahmaputra	SW225	Jamalpur	04-Apr-71	11.84
Old Brahmaputra	SW225	Jamalpur	05-Apr-71	11.85
Old Brahmaputra	SW225	Jamalpur	06-Apr-71	11.87
Old Brahmaputra	SW225	Jamalpur	07-Apr-71	11.87
Old Brahmaputra	SW225	Jamalpur	08-Apr-71	11.87
Old Brahmaputra	SW225	Jamalpur	09-Apr-71	11.87
Old Brahmaputra	SW225	Jamalpur	10-Apr-71	11.85
Old Brahmaputra	SW225	Jamalpur	11-Apr-71	11.85
Old Brahmaputra	SW225	Jamalpur	12-Apr-71	11.85
Old Brahmaputra	SW225	Jamalpur	13-Apr-71	11.95
Old Brahmaputra	SW225	Jamalpur	14-Apr-71	11.93
Old Brahmaputra	SW225	Jamalpur	15-Apr-71	11.95
Old Brahmaputra	SW225	Jamalpur	16-Apr-71	11.95
Old Brahmaputra	SW225	Jamalpur	17-Apr-71	11.93
Old Brahmaputra	SW225	Jamalpur	18-Apr-71	11.93
Old Brahmaputra	SW225	Jamalpur	19-Apr-71	11.95
Old Brahmaputra	SW225	Jamalpur	20-Apr-71	11.95
Old Brahmaputra	SW225	Jamalpur	21-Apr-71	11.95
Old Brahmaputra	SW225	Jamalpur	22-Apr-71	11.95
Old Brahmaputra	SW225	Jamalpur	23-Apr-71	11.98
Old Brahmaputra	SW225	Jamalpur	24-Apr-71	11.98
Old Brahmaputra	SW225	Jamalpur	25-Apr-71	11.97
Old Brahmaputra	SW225	Jamalpur	26-Apr-71	11.95
Old Brahmaputra	SW225	Jamalpur	27-Apr-71	11.93
Old Brahmaputra	SW225	Jamalpur	28-Apr-71	11.91
Old Brahmaputra	SW225	Jamalpur	29-Apr-71	11.9
Old Brahmaputra	SW225	Jamalpur	30-Apr-71	11.89
Old Brahmaputra	SW225	Jamalpur	01-May-71	11.89
Old Brahmaputra	SW225	Jamalpur	02-May-71	11.9
Old Brahmaputra	SW225	Jamalpur	03-May-71	11.94
Old Brahmaputra	SW225	Jamalpur	04-May-71	11.98
Old Brahmaputra	SW225	Jamalpur	05-May-71	11.95
Old Brahmaputra	SW225	Jamalpur	06-May-71	11.91
Old Brahmaputra	SW225	Jamalpur	07-May-71	11.91
Old Brahmaputra	SW225	Jamalpur	08-May-71	11.91
Old Brahmaputra	SW225	Jamalpur	09-May-71	11.91
Old Brahmaputra	SW225	Jamalpur	10-May-71	11.93
Old Brahmaputra	SW225	Jamalpur	11-May-71	11.99
Old Brahmaputra	SW225	Jamalpur	12-May-71	11.99
Old Brahmaputra	SW225	Jamalpur	13-May-71	11.98
Old Brahmaputra	SW225	Jamalpur	14-May-71	11.99
Old Brahmaputra	SW225	Jamalpur	15-May-71	12.02

Old Brahmaputra	SW225	Jamalpur	16-May-71	12.09
Old Brahmaputra	SW225	Jamalpur	17-May-71	12.3
Old Brahmaputra	SW225	Jamalpur	18-May-71	12.4
Old Brahmaputra	SW225	Jamalpur	19-May-71	12.4
Old Brahmaputra	SW225	Jamalpur	20-May-71	12.38
Old Brahmaputra	SW225	Jamalpur	21-May-71	12.31
Old Brahmaputra	SW225	Jamalpur	22-May-71	12.26
Old Brahmaputra	SW225	Jamalpur	23-May-71	12.23
Old Brahmaputra	SW225	Jamalpur	24-May-71	12.22
Old Brahmaputra	SW225	Jamalpur	25-May-71	12.22
Old Brahmaputra	SW225	Jamalpur	26-May-71	12.22
Old Brahmaputra	SW225	Jamalpur	27-May-71	12.3
Old Brahmaputra	SW225	Jamalpur	28-May-71	12.57
Old Brahmaputra	SW225	Jamalpur	29-May-71	12.51
Old Brahmaputra	SW225	Jamalpur	30-May-71	12.42
Old Brahmaputra	SW225	Jamalpur	31-May-71	12.38
Old Brahmaputra	SW225	Jamalpur	01-Jun-71	12.38
Old Brahmaputra	SW225	Jamalpur	02-Jun-71	12.54
Old Brahmaputra	SW225	Jamalpur	03-Jun-71	12.83
Old Brahmaputra	SW225	Jamalpur	04-Jun-71	13.03
Old Brahmaputra	SW225	Jamalpur	05-Jun-71	13.15
Old Brahmaputra	SW225	Jamalpur	06-Jun-71	13.09
Old Brahmaputra	SW225	Jamalpur	07-Jun-71	13.05
Old Brahmaputra	SW225	Jamalpur	08-Jun-71	13.06
Old Brahmaputra	SW225	Jamalpur	09-Jun-71	13.15
Old Brahmaputra	SW225	Jamalpur	10-Jun-71	13.44
Old Brahmaputra	SW225	Jamalpur	11-Jun-71	13.66
Old Brahmaputra	SW225	Jamalpur	12-Jun-71	13.82
Old Brahmaputra	SW225	Jamalpur	13-Jun-71	14.05
Old Brahmaputra	SW225	Jamalpur	14-Jun-71	14.05
Old Brahmaputra	SW225	Jamalpur	15-Jun-71	14.75
Old Brahmaputra	SW225	Jamalpur	16-Jun-71	14.98
Old Brahmaputra	SW225	Jamalpur	17-Jun-71	15.09
Old Brahmaputra	SW225	Jamalpur	18-Jun-71	15.4
Old Brahmaputra	SW225	Jamalpur	19-Jun-71	15.55
Old Brahmaputra	SW225	Jamalpur	20-Jun-71	15.65
Old Brahmaputra	SW225	Jamalpur	21-Jun-71	15.72
Old Brahmaputra	SW225	Jamalpur	22-Jun-71	15.78
Old Brahmaputra	SW225	Jamalpur	23-Jun-71	15.79
Old Brahmaputra	SW225	Jamalpur	24-Jun-71	15.78
Old Brahmaputra	SW225	Jamalpur	25-Jun-71	15.73
Old Brahmaputra	SW225	Jamalpur	26-Jun-71	15.6
Old Brahmaputra	SW225	Jamalpur	27-Jun-71	15.48
Old Brahmaputra	SW225	Jamalpur	28-Jun-71	15.48
Old Brahmaputra	SW225	Jamalpur	29-Jun-71	15.42
Old Brahmaputra	SW225	Jamalpur	30-Jun-71	15.48
Old Brahmaputra	SW225	Jamalpur	01-Jul-71	15.45
Old Brahmaputra	SW225	Jamalpur	02-Jul-71	15.38
Old Brahmaputra	SW225	Jamalpur	03-Jul-71	15.33
Old Brahmaputra	SW225	Jamalpur	04-Jul-71	15.3

Old Brahmaputra	SW225	Jamalpur	05-Jul-71	15.27
Old Brahmaputra	SW225	Jamalpur	06-Jul-71	15.3
Old Brahmaputra	SW225	Jamalpur	07-Jul-71	15.35
Old Brahmaputra	SW225	Jamalpur	08-Jul-71	15.44
Old Brahmaputra	SW225	Jamalpur	09-Jul-71	15.5
Old Brahmaputra	SW225	Jamalpur	10-Jul-71	15.61
Old Brahmaputra	SW225	Jamalpur	11-Jul-71	15.69
Old Brahmaputra	SW225	Jamalpur	12-Jul-71	15.78
Old Brahmaputra	SW225	Jamalpur	13-Jul-71	15.82
Old Brahmaputra	SW225	Jamalpur	14-Jul-71	16.04
Old Brahmaputra	SW225	Jamalpur	15-Jul-71	16.11
Old Brahmaputra	SW225	Jamalpur	16-Jul-71	16.11
Old Brahmaputra	SW225	Jamalpur	17-Jul-71	16.11
Old Brahmaputra	SW225	Jamalpur	18-Jul-71	16.16
Old Brahmaputra	SW225	Jamalpur	19-Jul-71	16.11
Old Brahmaputra	SW225	Jamalpur	20-Jul-71	16.05
Old Brahmaputra	SW225	Jamalpur	21-Jul-71	15.94
Old Brahmaputra	SW225	Jamalpur	22-Jul-71	15.82
Old Brahmaputra	SW225	Jamalpur	23-Jul-71	15.59
Old Brahmaputra	SW225	Jamalpur	24-Jul-71	15.55
Old Brahmaputra	SW225	Jamalpur	25-Jul-71	15.78
Old Brahmaputra	SW225	Jamalpur	26-Jul-71	15.73
Old Brahmaputra	SW225	Jamalpur	27-Jul-71	15.38
Old Brahmaputra	SW225	Jamalpur	28-Jul-71	15.32
Old Brahmaputra	SW225	Jamalpur	29-Jul-71	15.3
Old Brahmaputra	SW225	Jamalpur	30-Jul-71	15.27
Old Brahmaputra	SW225	Jamalpur	31-Jul-71	15.24
Old Brahmaputra	SW225	Jamalpur	01-Aug-71	15.27
Old Brahmaputra	SW225	Jamalpur	02-Aug-71	15.27
Old Brahmaputra	SW225	Jamalpur	03-Aug-71	15.3
Old Brahmaputra	SW225	Jamalpur	04-Aug-71	15.32
Old Brahmaputra	SW225	Jamalpur	05-Aug-71	15.38
Old Brahmaputra	SW225	Jamalpur	06-Aug-71	15.44
Old Brahmaputra	SW225	Jamalpur	07-Aug-71	15.47
Old Brahmaputra	SW225	Jamalpur	08-Aug-71	15.47
Old Brahmaputra	SW225	Jamalpur	09-Aug-71	15.44
Old Brahmaputra	SW225	Jamalpur	10-Aug-71	15.44
Old Brahmaputra	SW225	Jamalpur	11-Aug-71	15.49
Old Brahmaputra	SW225	Jamalpur	12-Aug-71	15.56
Old Brahmaputra	SW225	Jamalpur	13-Aug-71	15.6
Old Brahmaputra	SW225	Jamalpur	14-Aug-71	15.64
Old Brahmaputra	SW225	Jamalpur	15-Aug-71	15.6
Old Brahmaputra	SW225	Jamalpur	16-Aug-71	15.73
Old Brahmaputra	SW225	Jamalpur	17-Aug-71	15.74
Old Brahmaputra	SW225	Jamalpur	18-Aug-71	15.81
Old Brahmaputra	SW225	Jamalpur	19-Aug-71	15.95
Old Brahmaputra	SW225	Jamalpur	20-Aug-71	16.05
Old Brahmaputra	SW225	Jamalpur	21-Aug-71	16.15
Old Brahmaputra	SW225	Jamalpur	22-Aug-71	16.22
Old Brahmaputra	SW225	Jamalpur	23-Aug-71	16.22

Old Brahmaputra	SW225	Jamalpur	24-Aug-71	16.2
Old Brahmaputra	SW225	Jamalpur	25-Aug-71	16.18
Old Brahmaputra	SW225	Jamalpur	26-Aug-71	16.16
Old Brahmaputra	SW225	Jamalpur	27-Aug-71	16.18
Old Brahmaputra	SW225	Jamalpur	28-Aug-71	16.18
Old Brahmaputra	SW225	Jamalpur	29-Aug-71	16.16
Old Brahmaputra	SW225	Jamalpur	30-Aug-71	16.18
Old Brahmaputra	SW225	Jamalpur	31-Aug-71	16.18
Old Brahmaputra	SW225	Jamalpur	01-Sep-71	16.09
Old Brahmaputra	SW225	Jamalpur	02-Sep-71	15.93
Old Brahmaputra	SW225	Jamalpur	03-Sep-71	15.73
Old Brahmaputra	SW225	Jamalpur	04-Sep-71	15.48
Old Brahmaputra	SW225	Jamalpur	05-Sep-71	15.24
Old Brahmaputra	SW225	Jamalpur	06-Sep-71	15.08
Old Brahmaputra	SW225	Jamalpur	07-Sep-71	15.05
Old Brahmaputra	SW225	Jamalpur	08-Sep-71	14.99
Old Brahmaputra	SW225	Jamalpur	09-Sep-71	14.96
Old Brahmaputra	SW225	Jamalpur	10-Sep-71	14.89
Old Brahmaputra	SW225	Jamalpur	11-Sep-71	14.83
Old Brahmaputra	SW225	Jamalpur	12-Sep-71	14.78
Old Brahmaputra	SW225	Jamalpur	13-Sep-71	14.8
Old Brahmaputra	SW225	Jamalpur	14-Sep-71	14.85
Old Brahmaputra	SW225	Jamalpur	15-Sep-71	14.85
Old Brahmaputra	SW225	Jamalpur	16-Sep-71	14.81
Old Brahmaputra	SW225	Jamalpur	17-Sep-71	14.81
Old Brahmaputra	SW225	Jamalpur	18-Sep-71	14.8
Old Brahmaputra	SW225	Jamalpur	19-Sep-71	14.77
Old Brahmaputra	SW225	Jamalpur	20-Sep-71	14.72
Old Brahmaputra	SW225	Jamalpur	21-Sep-71	14.67
Old Brahmaputra	SW225	Jamalpur	22-Sep-71	14.56
Old Brahmaputra	SW225	Jamalpur	23-Sep-71	14.48
Old Brahmaputra	SW225	Jamalpur	24-Sep-71	14.7
Old Brahmaputra	SW225	Jamalpur	25-Sep-71	14.74
Old Brahmaputra	SW225	Jamalpur	26-Sep-71	14.66
Old Brahmaputra	SW225	Jamalpur	27-Sep-71	14.63
Old Brahmaputra	SW225	Jamalpur	28-Sep-71	14.68
Old Brahmaputra	SW225	Jamalpur	29-Sep-71	14.76
Old Brahmaputra	SW225	Jamalpur	30-Sep-71	14.8
Old Brahmaputra	SW225	Jamalpur	01-Oct-71	14.89
Old Brahmaputra	SW225	Jamalpur	02-Oct-71	14.99
Old Brahmaputra	SW225	Jamalpur	03-Oct-71	15.13
Old Brahmaputra	SW225	Jamalpur	04-Oct-71	15.28
Old Brahmaputra	SW225	Jamalpur	05-Oct-71	15.3
Old Brahmaputra	SW225	Jamalpur	06-Oct-71	15.19
Old Brahmaputra	SW225	Jamalpur	07-Oct-71	15.04
Old Brahmaputra	SW225	Jamalpur	08-Oct-71	14.97
Old Brahmaputra	SW225	Jamalpur	09-Oct-71	15.19
Old Brahmaputra	SW225	Jamalpur	10-Oct-71	15.3
Old Brahmaputra	SW225	Jamalpur	11-Oct-71	15.4
Old Brahmaputra	SW225	Jamalpur	12-Oct-71	15.44

Old Brahmaputra	SW225	Jamalpur	13-Oct-71	15.57
Old Brahmaputra	SW225	Jamalpur	14-Oct-71	15.65
Old Brahmaputra	SW225	Jamalpur	15-Oct-71	15.68
Old Brahmaputra	SW225	Jamalpur	16-Oct-71	15.69
Old Brahmaputra	SW225	Jamalpur	17-Oct-71	15.67
Old Brahmaputra	SW225	Jamalpur	18-Oct-71	15.59
Old Brahmaputra	SW225	Jamalpur	19-Oct-71	15.47
Old Brahmaputra	SW225	Jamalpur	20-Oct-71	15.23
Old Brahmaputra	SW225	Jamalpur	21-Oct-71	15.07
Old Brahmaputra	SW225	Jamalpur	22-Oct-71	14.92
Old Brahmaputra	SW225	Jamalpur	23-Oct-71	14.81
Old Brahmaputra	SW225	Jamalpur	24-Oct-71	14.72
Old Brahmaputra	SW225	Jamalpur	25-Oct-71	14.66
Old Brahmaputra	SW225	Jamalpur	26-Oct-71	14.58
Old Brahmaputra	SW225	Jamalpur	27-Oct-71	14.44
Old Brahmaputra	SW225	Jamalpur	28-Oct-71	14.36
Old Brahmaputra	SW225	Jamalpur	29-Oct-71	14.2
Old Brahmaputra	SW225	Jamalpur	30-Oct-71	14.02
Old Brahmaputra	SW225	Jamalpur	31-Oct-71	13.85
Old Brahmaputra	SW225	Jamalpur	01-Nov-71	13.69
Old Brahmaputra	SW225	Jamalpur	02-Nov-71	13.58
Old Brahmaputra	SW225	Jamalpur	03-Nov-71	13.47
Old Brahmaputra	SW225	Jamalpur	04-Nov-71	13.36
Old Brahmaputra	SW225	Jamalpur	05-Nov-71	13.27
Old Brahmaputra	SW225	Jamalpur	06-Nov-71	13.18
Old Brahmaputra	SW225	Jamalpur	07-Nov-71	13.12
Old Brahmaputra	SW225	Jamalpur	08-Nov-71	13.07
Old Brahmaputra	SW225	Jamalpur	09-Nov-71	13.04
Old Brahmaputra	SW225	Jamalpur	10-Nov-71	13.03
Old Brahmaputra	SW225	Jamalpur	11-Nov-71	13.04
Old Brahmaputra	SW225	Jamalpur	12-Nov-71	13.06
Old Brahmaputra	SW225	Jamalpur	13-Nov-71	13.07
Old Brahmaputra	SW225	Jamalpur	14-Nov-71	13.09
Old Brahmaputra	SW225	Jamalpur	15-Nov-71	13.1
Old Brahmaputra	SW225	Jamalpur	16-Nov-71	13.02
Old Brahmaputra	SW225	Jamalpur	17-Nov-71	12.93
Old Brahmaputra	SW225	Jamalpur	18-Nov-71	12.81
Old Brahmaputra	SW225	Jamalpur	19-Nov-71	12.75
Old Brahmaputra	SW225	Jamalpur	20-Nov-71	12.73
Old Brahmaputra	SW225	Jamalpur	21-Nov-71	12.68
Old Brahmaputra	SW225	Jamalpur	22-Nov-71	12.64
Old Brahmaputra	SW225	Jamalpur	23-Nov-71	12.58
Old Brahmaputra	SW225	Jamalpur	24-Nov-71	12.55
Old Brahmaputra	SW225	Jamalpur	25-Nov-71	12.52
Old Brahmaputra	SW225	Jamalpur	26-Nov-71	12.49
Old Brahmaputra	SW225	Jamalpur	27-Nov-71	12.44
Old Brahmaputra	SW225	Jamalpur	28-Nov-71	12.41
Old Brahmaputra	SW225	Jamalpur	29-Nov-71	12.39
Old Brahmaputra	SW225	Jamalpur	30-Nov-71	12.35
Old Brahmaputra	SW225	Jamalpur	01-Dec-71	12.33

Old Brahmaputra	SW225	Jamalpur	02-Dec-71	12.31
Old Brahmaputra	SW225	Jamalpur	03-Dec-71	12.3
Old Brahmaputra	SW225	Jamalpur	04-Dec-71	12.3
Old Brahmaputra	SW225	Jamalpur	05-Dec-71	12.3
Old Brahmaputra	SW225	Jamalpur	06-Dec-71	12.25
Old Brahmaputra	SW225	Jamalpur	12-Dec-71	12.13
Old Brahmaputra	SW225	Jamalpur	13-Dec-71	12.13
Old Brahmaputra	SW225	Jamalpur	14-Dec-71	12.13
Old Brahmaputra	SW225	Jamalpur	15-Dec-71	12.11
Old Brahmaputra	SW225	Jamalpur	16-Dec-71	12.1
Old Brahmaputra	SW225	Jamalpur	17-Dec-71	12.1
Old Brahmaputra	SW225	Jamalpur	18-Dec-71	12.1
Old Brahmaputra	SW225	Jamalpur	19-Dec-71	12.09
Old Brahmaputra	SW225	Jamalpur	20-Dec-71	12.07
Old Brahmaputra	SW225	Jamalpur	21-Dec-71	12.07
Old Brahmaputra	SW225	Jamalpur	22-Dec-71	12.07
Old Brahmaputra	SW225	Jamalpur	23-Dec-71	12.07
Old Brahmaputra	SW225	Jamalpur	24-Dec-71	12.06
Old Brahmaputra	SW225	Jamalpur	25-Dec-71	12.06
Old Brahmaputra	SW225	Jamalpur	26-Dec-71	12.06
Old Brahmaputra	SW225	Jamalpur	27-Dec-71	12.06
Old Brahmaputra	SW225	Jamalpur	28-Dec-71	12.04
Old Brahmaputra	SW225	Jamalpur	29-Dec-71	12.04
Old Brahmaputra	SW225	Jamalpur	30-Dec-71	12.04
Old Brahmaputra	SW225	Jamalpur	31-Dec-71	12.04
Old Brahmaputra	SW225	Jamalpur	01-Jan-72	12.04
Old Brahmaputra	SW225	Jamalpur	02-Jan-72	12.02
Old Brahmaputra	SW225	Jamalpur	03-Jan-72	12.02
Old Brahmaputra	SW225	Jamalpur	04-Jan-72	12.02
Old Brahmaputra	SW225	Jamalpur	05-Jan-72	12.02
Old Brahmaputra	SW225	Jamalpur	06-Jan-72	12.02
Old Brahmaputra	SW225	Jamalpur	07-Jan-72	12.02
Old Brahmaputra	SW225	Jamalpur	08-Jan-72	12.02
Old Brahmaputra	SW225	Jamalpur	09-Jan-72	12.01
Old Brahmaputra	SW225	Jamalpur	10-Jan-72	12.01
Old Brahmaputra	SW225	Jamalpur	11-Jan-72	12.01
Old Brahmaputra	SW225	Jamalpur	12-Jan-72	12.01
Old Brahmaputra	SW225	Jamalpur	13-Jan-72	11.99
Old Brahmaputra	SW225	Jamalpur	14-Jan-72	11.99
Old Brahmaputra	SW225	Jamalpur	15-Jan-72	11.99
Old Brahmaputra	SW225	Jamalpur	16-Jan-72	11.99
Old Brahmaputra	SW225	Jamalpur	17-Jan-72	11.99
Old Brahmaputra	SW225	Jamalpur	18-Jan-72	11.99
Old Brahmaputra	SW225	Jamalpur	19-Jan-72	11.99
Old Brahmaputra	SW225	Jamalpur	20-Jan-72	11.98
Old Brahmaputra	SW225	Jamalpur	21-Jan-72	11.98
Old Brahmaputra	SW225	Jamalpur	22-Jan-72	11.98
Old Brahmaputra	SW225	Jamalpur	23-Jan-72	11.98
Old Brahmaputra	SW225	Jamalpur	24-Jan-72	11.97
Old Brahmaputra	SW225	Jamalpur	25-Jan-72	11.97

Old Brahmaputra	SW225	Jamalpur	26-Jan-72	11.97
Old Brahmaputra	SW225	Jamalpur	27-Jan-72	11.97
Old Brahmaputra	SW225	Jamalpur	28-Jan-72	11.97
Old Brahmaputra	SW225	Jamalpur	29-Jan-72	11.97
Old Brahmaputra	SW225	Jamalpur	30-Jan-72	11.95
Old Brahmaputra	SW225	Jamalpur	31-Jan-72	11.95
Old Brahmaputra	SW225	Jamalpur	01-Feb-72	11.95
Old Brahmaputra	SW225	Jamalpur	02-Feb-72	11.95
Old Brahmaputra	SW225	Jamalpur	03-Feb-72	11.95
Old Brahmaputra	SW225	Jamalpur	04-Feb-72	11.95
Old Brahmaputra	SW225	Jamalpur	05-Feb-72	11.95
Old Brahmaputra	SW225	Jamalpur	06-Feb-72	11.95
Old Brahmaputra	SW225	Jamalpur	07-Feb-72	11.95
Old Brahmaputra	SW225	Jamalpur	08-Feb-72	11.95
Old Brahmaputra	SW225	Jamalpur	09-Feb-72	11.95
Old Brahmaputra	SW225	Jamalpur	10-Feb-72	11.93
Old Brahmaputra	SW225	Jamalpur	11-Feb-72	11.93
Old Brahmaputra	SW225	Jamalpur	12-Feb-72	11.93
Old Brahmaputra	SW225	Jamalpur	13-Feb-72	11.93
Old Brahmaputra	SW225	Jamalpur	14-Feb-72	11.93
Old Brahmaputra	SW225	Jamalpur	15-Feb-72	11.93
Old Brahmaputra	SW225	Jamalpur	16-Feb-72	11.93
Old Brahmaputra	SW225	Jamalpur	17-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	18-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	19-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	20-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	21-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	22-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	23-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	24-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	25-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	26-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	27-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	28-Feb-72	11.91
Old Brahmaputra	SW225	Jamalpur	29-Feb-72	11.9
Old Brahmaputra	SW225	Jamalpur	01-Mar-72	11.9
Old Brahmaputra	SW225	Jamalpur	02-Mar-72	11.9
Old Brahmaputra	SW225	Jamalpur	03-Mar-72	11.9
Old Brahmaputra	SW225	Jamalpur	04-Mar-72	11.9
Old Brahmaputra	SW225	Jamalpur	05-Mar-72	11.9
Old Brahmaputra	SW225	Jamalpur	06-Mar-72	11.9
Old Brahmaputra	SW225	Jamalpur	07-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	08-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	09-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	10-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	11-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	12-Mar-72	11.87
Old Brahmaputra	SW225	Jamalpur	13-Mar-72	11.87
Old Brahmaputra	SW225	Jamalpur	14-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	15-Mar-72	11.89

Old Brahmaputra	SW225	Jamalpur	16-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	17-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	18-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	19-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	20-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	21-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	22-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	23-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	24-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	25-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	26-Mar-72	11.87
Old Brahmaputra	SW225	Jamalpur	27-Mar-72	11.87
Old Brahmaputra	SW225	Jamalpur	28-Mar-72	11.9
Old Brahmaputra	SW225	Jamalpur	29-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	30-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	31-Mar-72	11.89
Old Brahmaputra	SW225	Jamalpur	01-Apr-72	11.89
Old Brahmaputra	SW225	Jamalpur	02-Apr-72	11.89
Old Brahmaputra	SW225	Jamalpur	03-Apr-72	11.89
Old Brahmaputra	SW225	Jamalpur	04-Apr-72	11.85
Old Brahmaputra	SW225	Jamalpur	05-Apr-72	11.86
Old Brahmaputra	SW225	Jamalpur	06-Apr-72	11.89
Old Brahmaputra	SW225	Jamalpur	07-Apr-72	11.87
Old Brahmaputra	SW225	Jamalpur	08-Apr-72	11.87
Old Brahmaputra	SW225	Jamalpur	09-Apr-72	11.89
Old Brahmaputra	SW225	Jamalpur	10-Apr-72	11.81
Old Brahmaputra	SW225	Jamalpur	11-Apr-72	11.97
Old Brahmaputra	SW225	Jamalpur	12-Apr-72	12.05
Old Brahmaputra	SW225	Jamalpur	13-Apr-72	12.07
Old Brahmaputra	SW225	Jamalpur	14-Apr-72	12.06
Old Brahmaputra	SW225	Jamalpur	15-Apr-72	12.04
Old Brahmaputra	SW225	Jamalpur	16-Apr-72	12.02
Old Brahmaputra	SW225	Jamalpur	17-Apr-72	12.01
Old Brahmaputra	SW225	Jamalpur	18-Apr-72	12.02
Old Brahmaputra	SW225	Jamalpur	19-Apr-72	12.01
Old Brahmaputra	SW225	Jamalpur	20-Apr-72	12.02
Old Brahmaputra	SW225	Jamalpur	21-Apr-72	12.04
Old Brahmaputra	SW225	Jamalpur	22-Apr-72	12.04
Old Brahmaputra	SW225	Jamalpur	23-Apr-72	12.02
Old Brahmaputra	SW225	Jamalpur	24-Apr-72	12.01
Old Brahmaputra	SW225	Jamalpur	25-Apr-72	11.99
Old Brahmaputra	SW225	Jamalpur	26-Apr-72	11.97
Old Brahmaputra	SW225	Jamalpur	27-Apr-72	11.95
Old Brahmaputra	SW225	Jamalpur	28-Apr-72	11.97
Old Brahmaputra	SW225	Jamalpur	29-Apr-72	11.98
Old Brahmaputra	SW225	Jamalpur	30-Apr-72	12.01
Old Brahmaputra	SW225	Jamalpur	01-May-72	12.11
Old Brahmaputra	SW225	Jamalpur	02-May-72	12.2
Old Brahmaputra	SW225	Jamalpur	03-May-72	12.47
Old Brahmaputra	SW225	Jamalpur	04-May-72	12.72

Old Brahmaputra	SW225	Jamalpur	05-May-72	12.86
Old Brahmaputra	SW225	Jamalpur	06-May-72	12.9
Old Brahmaputra	SW225	Jamalpur	07-May-72	13.02
Old Brahmaputra	SW225	Jamalpur	08-May-72	13.12
Old Brahmaputra	SW225	Jamalpur	09-May-72	13.16
Old Brahmaputra	SW225	Jamalpur	10-May-72	13.1
Old Brahmaputra	SW225	Jamalpur	11-May-72	13.14
Old Brahmaputra	SW225	Jamalpur	12-May-72	13.12
Old Brahmaputra	SW225	Jamalpur	13-May-72	13.06
Old Brahmaputra	SW225	Jamalpur	14-May-72	12.95
Old Brahmaputra	SW225	Jamalpur	15-May-72	12.91
Old Brahmaputra	SW225	Jamalpur	16-May-72	12.97
Old Brahmaputra	SW225	Jamalpur	17-May-72	13
Old Brahmaputra	SW225	Jamalpur	18-May-72	13.09
Old Brahmaputra	SW225	Jamalpur	19-May-72	13.16
Old Brahmaputra	SW225	Jamalpur	20-May-72	13.31
Old Brahmaputra	SW225	Jamalpur	21-May-72	13.45
Old Brahmaputra	SW225	Jamalpur	22-May-72	13.69
Old Brahmaputra	SW225	Jamalpur	23-May-72	13.99
Old Brahmaputra	SW225	Jamalpur	24-May-72	14.18
Old Brahmaputra	SW225	Jamalpur	25-May-72	14.2
Old Brahmaputra	SW225	Jamalpur	26-May-72	14.15
Old Brahmaputra	SW225	Jamalpur	27-May-72	14.1
Old Brahmaputra	SW225	Jamalpur	28-May-72	13.99
Old Brahmaputra	SW225	Jamalpur	29-May-72	13.98
Old Brahmaputra	SW225	Jamalpur	30-May-72	14.07
Old Brahmaputra	SW225	Jamalpur	31-May-72	14.08
Old Brahmaputra	SW225	Jamalpur	01-Jun-72	14.08
Old Brahmaputra	SW225	Jamalpur	02-Jun-72	14.14
Old Brahmaputra	SW225	Jamalpur	03-Jun-72	14.37
Old Brahmaputra	SW225	Jamalpur	04-Jun-72	14.52
Old Brahmaputra	SW225	Jamalpur	05-Jun-72	14.65
Old Brahmaputra	SW225	Jamalpur	06-Jun-72	14.64
Old Brahmaputra	SW225	Jamalpur	07-Jun-72	14.52
Old Brahmaputra	SW225	Jamalpur	08-Jun-72	14.43
Old Brahmaputra	SW225	Jamalpur	09-Jun-72	14.34
Old Brahmaputra	SW225	Jamalpur	10-Jun-72	14.25
Old Brahmaputra	SW225	Jamalpur	11-Jun-72	14.13
Old Brahmaputra	SW225	Jamalpur	12-Jun-72	14.02
Old Brahmaputra	SW225	Jamalpur	13-Jun-72	13.94
Old Brahmaputra	SW225	Jamalpur	14-Jun-72	13.79
Old Brahmaputra	SW225	Jamalpur	15-Jun-72	13.71
Old Brahmaputra	SW225	Jamalpur	16-Jun-72	13.83
Old Brahmaputra	SW225	Jamalpur	17-Jun-72	14.08
Old Brahmaputra	SW225	Jamalpur	18-Jun-72	14.11
Old Brahmaputra	SW225	Jamalpur	19-Jun-72	14.16
Old Brahmaputra	SW225	Jamalpur	20-Jun-72	14.35
Old Brahmaputra	SW225	Jamalpur	21-Jun-72	14.69
Old Brahmaputra	SW225	Jamalpur	22-Jun-72	15.21
Old Brahmaputra	SW225	Jamalpur	23-Jun-72	15.45

Old Brahmaputra	SW225	Jamalpur	24-Jun-72	15.64
Old Brahmaputra	SW225	Jamalpur	25-Jun-72	15.76
Old Brahmaputra	SW225	Jamalpur	26-Jun-72	15.98
Old Brahmaputra	SW225	Jamalpur	27-Jun-72	16.11
Old Brahmaputra	SW225	Jamalpur	28-Jun-72	16.19
Old Brahmaputra	SW225	Jamalpur	29-Jun-72	16.25
Old Brahmaputra	SW225	Jamalpur	30-Jun-72	16.27
Old Brahmaputra	SW225	Jamalpur	01-Jul-72	16.23
Old Brahmaputra	SW225	Jamalpur	02-Jul-72	16.14
Old Brahmaputra	SW225	Jamalpur	03-Jul-72	16.01
Old Brahmaputra	SW225	Jamalpur	04-Jul-72	15.85
Old Brahmaputra	SW225	Jamalpur	05-Jul-72	15.68
Old Brahmaputra	SW225	Jamalpur	06-Jul-72	15.53
Old Brahmaputra	SW225	Jamalpur	07-Jul-72	15.43
Old Brahmaputra	SW225	Jamalpur	08-Jul-72	15.35
Old Brahmaputra	SW225	Jamalpur	09-Jul-72	15.3
Old Brahmaputra	SW225	Jamalpur	10-Jul-72	15.28
Old Brahmaputra	SW225	Jamalpur	11-Jul-72	15.27
Old Brahmaputra	SW225	Jamalpur	12-Jul-72	15.27
Old Brahmaputra	SW225	Jamalpur	13-Jul-72	15.27
Old Brahmaputra	SW225	Jamalpur	14-Jul-72	15.23
Old Brahmaputra	SW225	Jamalpur	15-Jul-72	15.2
Old Brahmaputra	SW225	Jamalpur	16-Jul-72	15.14
Old Brahmaputra	SW225	Jamalpur	17-Jul-72	15.07
Old Brahmaputra	SW225	Jamalpur	18-Jul-72	15.1
Old Brahmaputra	SW225	Jamalpur	19-Jul-72	15.14
Old Brahmaputra	SW225	Jamalpur	20-Jul-72	15.22
Old Brahmaputra	SW225	Jamalpur	21-Jul-72	15.43
Old Brahmaputra	SW225	Jamalpur	22-Jul-72	15.64
Old Brahmaputra	SW225	Jamalpur	23-Jul-72	15.77
Old Brahmaputra	SW225	Jamalpur	24-Jul-72	15.84
Old Brahmaputra	SW225	Jamalpur	25-Jul-72	15.93
Old Brahmaputra	SW225	Jamalpur	26-Jul-72	15.97
Old Brahmaputra	SW225	Jamalpur	27-Jul-72	16.03
Old Brahmaputra	SW225	Jamalpur	28-Jul-72	16.19
Old Brahmaputra	SW225	Jamalpur	29-Jul-72	16.32
Old Brahmaputra	SW225	Jamalpur	30-Jul-72	16.49
Old Brahmaputra	SW225	Jamalpur	31-Jul-72	16.84
Old Brahmaputra	SW225	Jamalpur	01-Aug-72	17.16
Old Brahmaputra	SW225	Jamalpur	02-Aug-72	17.26
Old Brahmaputra	SW225	Jamalpur	03-Aug-72	17.27
Old Brahmaputra	SW225	Jamalpur	04-Aug-72	17.22
Old Brahmaputra	SW225	Jamalpur	05-Aug-72	17.14
Old Brahmaputra	SW225	Jamalpur	06-Aug-72	17
Old Brahmaputra	SW225	Jamalpur	07-Aug-72	16.89
Old Brahmaputra	SW225	Jamalpur	08-Aug-72	16.74
Old Brahmaputra	SW225	Jamalpur	09-Aug-72	16.58
Old Brahmaputra	SW225	Jamalpur	10-Aug-72	16.45
Old Brahmaputra	SW225	Jamalpur	11-Aug-72	16.3
Old Brahmaputra	SW225	Jamalpur	12-Aug-72	16.13

Old Brahmaputra	SW225	Jamalpur	13-Aug-72	16.01
Old Brahmaputra	SW225	Jamalpur	14-Aug-72	15.92
Old Brahmaputra	SW225	Jamalpur	15-Aug-72	15.83
Old Brahmaputra	SW225	Jamalpur	16-Aug-72	15.68
Old Brahmaputra	SW225	Jamalpur	17-Aug-72	15.56
Old Brahmaputra	SW225	Jamalpur	18-Aug-72	15.4
Old Brahmaputra	SW225	Jamalpur	19-Aug-72	15.23
Old Brahmaputra	SW225	Jamalpur	20-Aug-72	15.12
Old Brahmaputra	SW225	Jamalpur	21-Aug-72	15.04
Old Brahmaputra	SW225	Jamalpur	22-Aug-72	14.94
Old Brahmaputra	SW225	Jamalpur	23-Aug-72	14.87
Old Brahmaputra	SW225	Jamalpur	24-Aug-72	14.84
Old Brahmaputra	SW225	Jamalpur	25-Aug-72	14.8
Old Brahmaputra	SW225	Jamalpur	26-Aug-72	14.77
Old Brahmaputra	SW225	Jamalpur	27-Aug-72	14.74
Old Brahmaputra	SW225	Jamalpur	28-Aug-72	14.72
Old Brahmaputra	SW225	Jamalpur	29-Aug-72	14.72
Old Brahmaputra	SW225	Jamalpur	30-Aug-72	14.74
Old Brahmaputra	SW225	Jamalpur	31-Aug-72	14.78
Old Brahmaputra	SW225	Jamalpur	01-Sep-72	14.77
Old Brahmaputra	SW225	Jamalpur	02-Sep-72	14.75
Old Brahmaputra	SW225	Jamalpur	03-Sep-72	14.81
Old Brahmaputra	SW225	Jamalpur	04-Sep-72	14.98
Old Brahmaputra	SW225	Jamalpur	05-Sep-72	15.12
Old Brahmaputra	SW225	Jamalpur	06-Sep-72	15.26
Old Brahmaputra	SW225	Jamalpur	07-Sep-72	15.35
Old Brahmaputra	SW225	Jamalpur	08-Sep-72	15.47
Old Brahmaputra	SW225	Jamalpur	09-Sep-72	15.55
Old Brahmaputra	SW225	Jamalpur	10-Sep-72	15.55
Old Brahmaputra	SW225	Jamalpur	11-Sep-72	15.56
Old Brahmaputra	SW225	Jamalpur	12-Sep-72	15.64
Old Brahmaputra	SW225	Jamalpur	13-Sep-72	15.68
Old Brahmaputra	SW225	Jamalpur	14-Sep-72	15.69
Old Brahmaputra	SW225	Jamalpur	15-Sep-72	15.71
Old Brahmaputra	SW225	Jamalpur	16-Sep-72	15.6
Old Brahmaputra	SW225	Jamalpur	17-Sep-72	15.53
Old Brahmaputra	SW225	Jamalpur	18-Sep-72	15.38
Old Brahmaputra	SW225	Jamalpur	19-Sep-72	15.28
Old Brahmaputra	SW225	Jamalpur	20-Sep-72	15.22
Old Brahmaputra	SW225	Jamalpur	21-Sep-72	15.09
Old Brahmaputra	SW225	Jamalpur	22-Sep-72	14.95
Old Brahmaputra	SW225	Jamalpur	23-Sep-72	14.81
Old Brahmaputra	SW225	Jamalpur	24-Sep-72	14.7
Old Brahmaputra	SW225	Jamalpur	25-Sep-72	14.63
Old Brahmaputra	SW225	Jamalpur	26-Sep-72	14.58
Old Brahmaputra	SW225	Jamalpur	27-Sep-72	14.56
Old Brahmaputra	SW225	Jamalpur	28-Sep-72	14.55
Old Brahmaputra	SW225	Jamalpur	29-Sep-72	14.9
Old Brahmaputra	SW225	Jamalpur	30-Sep-72	14.86
Old Brahmaputra	SW225	Jamalpur	01-Oct-72	14.75

Old Brahmaputra	SW225	Jamalpur	02-Oct-72	14.69
Old Brahmaputra	SW225	Jamalpur	03-Oct-72	14.65
Old Brahmaputra	SW225	Jamalpur	04-Oct-72	14.56
Old Brahmaputra	SW225	Jamalpur	05-Oct-72	14.41
Old Brahmaputra	SW225	Jamalpur	06-Oct-72	14.25
Old Brahmaputra	SW225	Jamalpur	07-Oct-72	14.16
Old Brahmaputra	SW225	Jamalpur	08-Oct-72	14.1
Old Brahmaputra	SW225	Jamalpur	09-Oct-72	14.02
Old Brahmaputra	SW225	Jamalpur	10-Oct-72	13.86
Old Brahmaputra	SW225	Jamalpur	11-Oct-72	13.76
Old Brahmaputra	SW225	Jamalpur	12-Oct-72	13.67
Old Brahmaputra	SW225	Jamalpur	13-Oct-72	13.6
Old Brahmaputra	SW225	Jamalpur	14-Oct-72	13.52
Old Brahmaputra	SW225	Jamalpur	15-Oct-72	13.47
Old Brahmaputra	SW225	Jamalpur	16-Oct-72	13.51
Old Brahmaputra	SW225	Jamalpur	17-Oct-72	13.53
Old Brahmaputra	SW225	Jamalpur	18-Oct-72	13.52
Old Brahmaputra	SW225	Jamalpur	19-Oct-72	13.45
Old Brahmaputra	SW225	Jamalpur	20-Oct-72	13.38
Old Brahmaputra	SW225	Jamalpur	21-Oct-72	13.34
Old Brahmaputra	SW225	Jamalpur	22-Oct-72	13.31
Old Brahmaputra	SW225	Jamalpur	23-Oct-72	13.36
Old Brahmaputra	SW225	Jamalpur	24-Oct-72	13.47
Old Brahmaputra	SW225	Jamalpur	25-Oct-72	13.52
Old Brahmaputra	SW225	Jamalpur	26-Oct-72	13.45
Old Brahmaputra	SW225	Jamalpur	27-Oct-72	13.4
Old Brahmaputra	SW225	Jamalpur	28-Oct-72	13.24
Old Brahmaputra	SW225	Jamalpur	29-Oct-72	13.18
Old Brahmaputra	SW225	Jamalpur	30-Oct-72	13.1
Old Brahmaputra	SW225	Jamalpur	31-Oct-72	12.98
Old Brahmaputra	SW225	Jamalpur	01-Nov-72	12.93
Old Brahmaputra	SW225	Jamalpur	02-Nov-72	12.89
Old Brahmaputra	SW225	Jamalpur	03-Nov-72	12.84
Old Brahmaputra	SW225	Jamalpur	04-Nov-72	12.8
Old Brahmaputra	SW225	Jamalpur	05-Nov-72	12.77
Old Brahmaputra	SW225	Jamalpur	06-Nov-72	12.74
Old Brahmaputra	SW225	Jamalpur	07-Nov-72	12.72
Old Brahmaputra	SW225	Jamalpur	08-Nov-72	12.69
Old Brahmaputra	SW225	Jamalpur	09-Nov-72	12.65
Old Brahmaputra	SW225	Jamalpur	10-Nov-72	12.63
Old Brahmaputra	SW225	Jamalpur	11-Nov-72	12.6
Old Brahmaputra	SW225	Jamalpur	12-Nov-72	12.57
Old Brahmaputra	SW225	Jamalpur	13-Nov-72	12.56
Old Brahmaputra	SW225	Jamalpur	14-Nov-72	12.53
Old Brahmaputra	SW225	Jamalpur	15-Nov-72	12.49
Old Brahmaputra	SW225	Jamalpur	16-Nov-72	12.46
Old Brahmaputra	SW225	Jamalpur	17-Nov-72	12.44
Old Brahmaputra	SW225	Jamalpur	18-Nov-72	12.44
Old Brahmaputra	SW225	Jamalpur	19-Nov-72	12.4
Old Brahmaputra	SW225	Jamalpur	20-Nov-72	12.39

Old Brahmaputra	SW225	Jamalpur	21-Nov-72	12.38
Old Brahmaputra	SW225	Jamalpur	22-Nov-72	12.36
Old Brahmaputra	SW225	Jamalpur	23-Nov-72	12.35
Old Brahmaputra	SW225	Jamalpur	24-Nov-72	12.35
Old Brahmaputra	SW225	Jamalpur	25-Nov-72	12.33
Old Brahmaputra	SW225	Jamalpur	26-Nov-72	12.33
Old Brahmaputra	SW225	Jamalpur	27-Nov-72	12.31
Old Brahmaputra	SW225	Jamalpur	28-Nov-72	12.31
Old Brahmaputra	SW225	Jamalpur	29-Nov-72	12.3
Old Brahmaputra	SW225	Jamalpur	30-Nov-72	12.3
Old Brahmaputra	SW225	Jamalpur	01-Dec-72	12.28
Old Brahmaputra	SW225	Jamalpur	02-Dec-72	12.28
Old Brahmaputra	SW225	Jamalpur	03-Dec-72	12.27
Old Brahmaputra	SW225	Jamalpur	04-Dec-72	12.27
Old Brahmaputra	SW225	Jamalpur	05-Dec-72	12.27
Old Brahmaputra	SW225	Jamalpur	06-Dec-72	12.25
Old Brahmaputra	SW225	Jamalpur	07-Dec-72	12.23
Old Brahmaputra	SW225	Jamalpur	08-Dec-72	12.22
Old Brahmaputra	SW225	Jamalpur	09-Dec-72	12.2
Old Brahmaputra	SW225	Jamalpur	10-Dec-72	12.19
Old Brahmaputra	SW225	Jamalpur	11-Dec-72	12.19
Old Brahmaputra	SW225	Jamalpur	12-Dec-72	12.19
Old Brahmaputra	SW225	Jamalpur	13-Dec-72	12.19
Old Brahmaputra	SW225	Jamalpur	14-Dec-72	12.18
Old Brahmaputra	SW225	Jamalpur	15-Dec-72	12.16
Old Brahmaputra	SW225	Jamalpur	16-Dec-72	12.16
Old Brahmaputra	SW225	Jamalpur	17-Dec-72	12.16
Old Brahmaputra	SW225	Jamalpur	18-Dec-72	12.15
Old Brahmaputra	SW225	Jamalpur	19-Dec-72	12.15
Old Brahmaputra	SW225	Jamalpur	20-Dec-72	12.13
Old Brahmaputra	SW225	Jamalpur	21-Dec-72	12.13
Old Brahmaputra	SW225	Jamalpur	22-Dec-72	12.11
Old Brahmaputra	SW225	Jamalpur	23-Dec-72	12.11
Old Brahmaputra	SW225	Jamalpur	24-Dec-72	12.11
Old Brahmaputra	SW225	Jamalpur	25-Dec-72	12.11
Old Brahmaputra	SW225	Jamalpur	26-Dec-72	12.11
Old Brahmaputra	SW225	Jamalpur	27-Dec-72	12.11
Old Brahmaputra	SW225	Jamalpur	28-Dec-72	12.1
Old Brahmaputra	SW225	Jamalpur	29-Dec-72	12.1
Old Brahmaputra	SW225	Jamalpur	30-Dec-72	12.1
Old Brahmaputra	SW225	Jamalpur	31-Dec-72	12.1
Old Brahmaputra	SW225	Jamalpur	01-Jan-73	12.09
Old Brahmaputra	SW225	Jamalpur	02-Jan-73	12.09
Old Brahmaputra	SW225	Jamalpur	03-Jan-73	12.09
Old Brahmaputra	SW225	Jamalpur	04-Jan-73	12.07
Old Brahmaputra	SW225	Jamalpur	05-Jan-73	12.07
Old Brahmaputra	SW225	Jamalpur	06-Jan-73	12.07
Old Brahmaputra	SW225	Jamalpur	07-Jan-73	12.07
Old Brahmaputra	SW225	Jamalpur	08-Jan-73	12.07
Old Brahmaputra	SW225	Jamalpur	09-Jan-73	12.07

Old Brahmaputra	SW225	Jamalpur	20-Apr-73	11.99
Old Brahmaputra	SW225	Jamalpur	21-Apr-73	12.06
Old Brahmaputra	SW225	Jamalpur	22-Apr-73	12.28
Old Brahmaputra	SW225	Jamalpur	23-Apr-73	12.72
Old Brahmaputra	SW225	Jamalpur	24-Apr-73	12.82
Old Brahmaputra	SW225	Jamalpur	25-Apr-73	12.78
Old Brahmaputra	SW225	Jamalpur	26-Apr-73	12.72
Old Brahmaputra	SW225	Jamalpur	27-Apr-73	12.55
Old Brahmaputra	SW225	Jamalpur	28-Apr-73	12.48
Old Brahmaputra	SW225	Jamalpur	29-Apr-73	12.42
Old Brahmaputra	SW225	Jamalpur	30-Apr-73	12.36
Old Brahmaputra	SW225	Jamalpur	01-May-73	12.39
Old Brahmaputra	SW225	Jamalpur	02-May-73	12.38
Old Brahmaputra	SW225	Jamalpur	03-May-73	12.36
Old Brahmaputra	SW225	Jamalpur	04-May-73	12.36
Old Brahmaputra	SW225	Jamalpur	05-May-73	12.4
Old Brahmaputra	SW225	Jamalpur	06-May-73	12.48
Old Brahmaputra	SW225	Jamalpur	07-May-73	12.52
Old Brahmaputra	SW225	Jamalpur	08-May-73	12.51
Old Brahmaputra	SW225	Jamalpur	09-May-73	12.51
Old Brahmaputra	SW225	Jamalpur	10-May-73	12.51
Old Brahmaputra	SW225	Jamalpur	11-May-73	12.54
Old Brahmaputra	SW225	Jamalpur	12-May-73	12.73
Old Brahmaputra	SW225	Jamalpur	13-May-73	12.85
Old Brahmaputra	SW225	Jamalpur	14-May-73	12.97
Old Brahmaputra	SW225	Jamalpur	15-May-73	13.09
Old Brahmaputra	SW225	Jamalpur	16-May-73	13.45
Old Brahmaputra	SW225	Jamalpur	17-May-73	13.87
Old Brahmaputra	SW225	Jamalpur	18-May-73	14.11
Old Brahmaputra	SW225	Jamalpur	19-May-73	14.14
Old Brahmaputra	SW225	Jamalpur	20-May-73	13.95
Old Brahmaputra	SW225	Jamalpur	21-May-73	13.89
Old Brahmaputra	SW225	Jamalpur	22-May-73	13.85
Old Brahmaputra	SW225	Jamalpur	23-May-73	13.45
Old Brahmaputra	SW225	Jamalpur	24-May-73	13.34
Old Brahmaputra	SW225	Jamalpur	25-May-73	13.39
Old Brahmaputra	SW225	Jamalpur	26-May-73	13.52
Old Brahmaputra	SW225	Jamalpur	27-May-73	13.56
Old Brahmaputra	SW225	Jamalpur	28-May-73	13.47
Old Brahmaputra	SW225	Jamalpur	29-May-73	13.32
Old Brahmaputra	SW225	Jamalpur	30-May-73	13.23
Old Brahmaputra	SW225	Jamalpur	31-May-73	13.19
Old Brahmaputra	SW225	Jamalpur	01-Jun-73	13.1
Old Brahmaputra	SW225	Jamalpur	02-Jun-73	13.06
Old Brahmaputra	SW225	Jamalpur	03-Jun-73	13.03
Old Brahmaputra	SW225	Jamalpur	04-Jun-73	13.03
Old Brahmaputra	SW225	Jamalpur	05-Jun-73	13.14
Old Brahmaputra	SW225	Jamalpur	06-Jun-73	13.41
Old Brahmaputra	SW225	Jamalpur	07-Jun-73	13.7
Old Brahmaputra	SW225	Jamalpur	08-Jun-73	13.91

Old Brahmaputra	SW225	Jamalpur	09-Jun-73	14.08
Old Brahmaputra	SW225	Jamalpur	10-Jun-73	14.16
Old Brahmaputra	SW225	Jamalpur	11-Jun-73	14.13
Old Brahmaputra	SW225	Jamalpur	12-Jun-73	14.02
Old Brahmaputra	SW225	Jamalpur	13-Jun-73	13.95
Old Brahmaputra	SW225	Jamalpur	14-Jun-73	13.97
Old Brahmaputra	SW225	Jamalpur	15-Jun-73	14.05
Old Brahmaputra	SW225	Jamalpur	16-Jun-73	14.48
Old Brahmaputra	SW225	Jamalpur	17-Jun-73	14.9
Old Brahmaputra	SW225	Jamalpur	18-Jun-73	15.36
Old Brahmaputra	SW225	Jamalpur	19-Jun-73	15.69
Old Brahmaputra	SW225	Jamalpur	20-Jun-73	16.18
Old Brahmaputra	SW225	Jamalpur	21-Jun-73	16.58
Old Brahmaputra	SW225	Jamalpur	22-Jun-73	16.83
Old Brahmaputra	SW225	Jamalpur	23-Jun-73	16.97
Old Brahmaputra	SW225	Jamalpur	24-Jun-73	16.98
Old Brahmaputra	SW225	Jamalpur	25-Jun-73	16.97
Old Brahmaputra	SW225	Jamalpur	26-Jun-73	16.96
Old Brahmaputra	SW225	Jamalpur	27-Jun-73	17.15
Old Brahmaputra	SW225	Jamalpur	28-Jun-73	17.11
Old Brahmaputra	SW225	Jamalpur	29-Jun-73	17
Old Brahmaputra	SW225	Jamalpur	30-Jun-73	16.85
Old Brahmaputra	SW225	Jamalpur	01-Jul-73	16.8
Old Brahmaputra	SW225	Jamalpur	02-Jul-73	16.66
Old Brahmaputra	SW225	Jamalpur	03-Jul-73	16.48
Old Brahmaputra	SW225	Jamalpur	04-Jul-73	16.32
Old Brahmaputra	SW225	Jamalpur	05-Jul-73	16.17
Old Brahmaputra	SW225	Jamalpur	06-Jul-73	16.13
Old Brahmaputra	SW225	Jamalpur	07-Jul-73	16.02
Old Brahmaputra	SW225	Jamalpur	08-Jul-73	15.85
Old Brahmaputra	SW225	Jamalpur	09-Jul-73	15.65
Old Brahmaputra	SW225	Jamalpur	10-Jul-73	15.47
Old Brahmaputra	SW225	Jamalpur	11-Jul-73	15.3
Old Brahmaputra	SW225	Jamalpur	12-Jul-73	15.09
Old Brahmaputra	SW225	Jamalpur	13-Jul-73	14.9
Old Brahmaputra	SW225	Jamalpur	14-Jul-73	14.76
Old Brahmaputra	SW225	Jamalpur	15-Jul-73	14.65
Old Brahmaputra	SW225	Jamalpur	16-Jul-73	14.59
Old Brahmaputra	SW225	Jamalpur	17-Jul-73	14.52
Old Brahmaputra	SW225	Jamalpur	18-Jul-73	14.47
Old Brahmaputra	SW225	Jamalpur	19-Jul-73	14.44
Old Brahmaputra	SW225	Jamalpur	20-Jul-73	14.41
Old Brahmaputra	SW225	Jamalpur	21-Jul-73	14.4
Old Brahmaputra	SW225	Jamalpur	22-Jul-73	14.3
Old Brahmaputra	SW225	Jamalpur	23-Jul-73	14.18
Old Brahmaputra	SW225	Jamalpur	24-Jul-73	14.14
Old Brahmaputra	SW225	Jamalpur	25-Jul-73	14.26
Old Brahmaputra	SW225	Jamalpur	26-Jul-73	14.3
Old Brahmaputra	SW225	Jamalpur	27-Jul-73	14.81
Old Brahmaputra	SW225	Jamalpur	28-Jul-73	15.15

Old Brahmaputra	SW225	Jamalpur	29-Jul-73	15.47
Old Brahmaputra	SW225	Jamalpur	30-Jul-73	15.66
Old Brahmaputra	SW225	Jamalpur	31-Jul-73	15.84
Old Brahmaputra	SW225	Jamalpur	01-Aug-73	16.01
Old Brahmaputra	SW225	Jamalpur	02-Aug-73	16.08
Old Brahmaputra	SW225	Jamalpur	03-Aug-73	16.19
Old Brahmaputra	SW225	Jamalpur	04-Aug-73	16.31
Old Brahmaputra	SW225	Jamalpur	05-Aug-73	16.1
Old Brahmaputra	SW225	Jamalpur	06-Aug-73	16.52
Old Brahmaputra	SW225	Jamalpur	07-Aug-73	16.74
Old Brahmaputra	SW225	Jamalpur	08-Aug-73	16.98
Old Brahmaputra	SW225	Jamalpur	09-Aug-73	17.16
Old Brahmaputra	SW225	Jamalpur	10-Aug-73	17.27
Old Brahmaputra	SW225	Jamalpur	11-Aug-73	17.28
Old Brahmaputra	SW225	Jamalpur	12-Aug-73	17.27
Old Brahmaputra	SW225	Jamalpur	13-Aug-73	17.27
Old Brahmaputra	SW225	Jamalpur	14-Aug-73	17.2
Old Brahmaputra	SW225	Jamalpur	15-Aug-73	17.04
Old Brahmaputra	SW225	Jamalpur	16-Aug-73	16.87
Old Brahmaputra	SW225	Jamalpur	17-Aug-73	16.68
Old Brahmaputra	SW225	Jamalpur	18-Aug-73	16.73
Old Brahmaputra	SW225	Jamalpur	19-Aug-73	16.25
Old Brahmaputra	SW225	Jamalpur	20-Aug-73	16.06
Old Brahmaputra	SW225	Jamalpur	21-Aug-73	15.9
Old Brahmaputra	SW225	Jamalpur	22-Aug-73	15.65
Old Brahmaputra	SW225	Jamalpur	23-Aug-73	15.55
Old Brahmaputra	SW225	Jamalpur	24-Aug-73	15.38
Old Brahmaputra	SW225	Jamalpur	25-Aug-73	15.21
Old Brahmaputra	SW225	Jamalpur	26-Aug-73	15.12
Old Brahmaputra	SW225	Jamalpur	27-Aug-73	14.94
Old Brahmaputra	SW225	Jamalpur	28-Aug-73	14.81
Old Brahmaputra	SW225	Jamalpur	29-Aug-73	14.69
Old Brahmaputra	SW225	Jamalpur	30-Aug-73	14.61
Old Brahmaputra	SW225	Jamalpur	31-Aug-73	14.55
Old Brahmaputra	SW225	Jamalpur	01-Sep-73	14.51
Old Brahmaputra	SW225	Jamalpur	02-Sep-73	14.47
Old Brahmaputra	SW225	Jamalpur	03-Sep-73	14.44
Old Brahmaputra	SW225	Jamalpur	04-Sep-73	14.41
Old Brahmaputra	SW225	Jamalpur	05-Sep-73	14.41
Old Brahmaputra	SW225	Jamalpur	06-Sep-73	14.43
Old Brahmaputra	SW225	Jamalpur	07-Sep-73	14.34
Old Brahmaputra	SW225	Jamalpur	08-Sep-73	14.28
Old Brahmaputra	SW225	Jamalpur	09-Sep-73	14.24
Old Brahmaputra	SW225	Jamalpur	10-Sep-73	14.21
Old Brahmaputra	SW225	Jamalpur	11-Sep-73	14.19
Old Brahmaputra	SW225	Jamalpur	12-Sep-73	14.23
Old Brahmaputra	SW225	Jamalpur	13-Sep-73	14.26
Old Brahmaputra	SW225	Jamalpur	14-Sep-73	14.52
Old Brahmaputra	SW225	Jamalpur	15-Sep-73	14.89
Old Brahmaputra	SW225	Jamalpur	16-Sep-73	15.48

Old Brahmaputra	SW225	Jamalpur	17-Sep-73	15.98
Old Brahmaputra	SW225	Jamalpur	18-Sep-73	16.2
Old Brahmaputra	SW225	Jamalpur	19-Sep-73	16.32
Old Brahmaputra	SW225	Jamalpur	20-Sep-73	16.36
Old Brahmaputra	SW225	Jamalpur	21-Sep-73	16.33
Old Brahmaputra	SW225	Jamalpur	22-Sep-73	16.27
Old Brahmaputra	SW225	Jamalpur	23-Sep-73	16.13
Old Brahmaputra	SW225	Jamalpur	24-Sep-73	15.9
Old Brahmaputra	SW225	Jamalpur	25-Sep-73	15.64
Old Brahmaputra	SW225	Jamalpur	26-Sep-73	15.36
Old Brahmaputra	SW225	Jamalpur	27-Sep-73	15.09
Old Brahmaputra	SW225	Jamalpur	28-Sep-73	15.02
Old Brahmaputra	SW225	Jamalpur	29-Sep-73	14.83
Old Brahmaputra	SW225	Jamalpur	30-Sep-73	14.7
Old Brahmaputra	SW225	Jamalpur	01-Oct-73	14.59
Old Brahmaputra	SW225	Jamalpur	02-Oct-73	14.57
Old Brahmaputra	SW225	Jamalpur	03-Oct-73	14.57
Old Brahmaputra	SW225	Jamalpur	04-Oct-73	14.6
Old Brahmaputra	SW225	Jamalpur	05-Oct-73	14.63
Old Brahmaputra	SW225	Jamalpur	06-Oct-73	14.66
Old Brahmaputra	SW225	Jamalpur	07-Oct-73	14.56
Old Brahmaputra	SW225	Jamalpur	08-Oct-73	14.46
Old Brahmaputra	SW225	Jamalpur	09-Oct-73	14.39
Old Brahmaputra	SW225	Jamalpur	10-Oct-73	14.34
Old Brahmaputra	SW225	Jamalpur	11-Oct-73	14.3
Old Brahmaputra	SW225	Jamalpur	12-Oct-73	14.23
Old Brahmaputra	SW225	Jamalpur	13-Oct-73	14.18
Old Brahmaputra	SW225	Jamalpur	14-Oct-73	14.35
Old Brahmaputra	SW225	Jamalpur	15-Oct-73	14.85
Old Brahmaputra	SW225	Jamalpur	16-Oct-73	14.99
Old Brahmaputra	SW225	Jamalpur	17-Oct-73	14.86
Old Brahmaputra	SW225	Jamalpur	18-Oct-73	14.57
Old Brahmaputra	SW225	Jamalpur	19-Oct-73	14.28
Old Brahmaputra	SW225	Jamalpur	20-Oct-73	14.08
Old Brahmaputra	SW225	Jamalpur	21-Oct-73	14.01
Old Brahmaputra	SW225	Jamalpur	22-Oct-73	13.95
Old Brahmaputra	SW225	Jamalpur	23-Oct-73	13.94
Old Brahmaputra	SW225	Jamalpur	24-Oct-73	13.88
Old Brahmaputra	SW225	Jamalpur	25-Oct-73	13.79
Old Brahmaputra	SW225	Jamalpur	26-Oct-73	13.69
Old Brahmaputra	SW225	Jamalpur	27-Oct-73	13.56
Old Brahmaputra	SW225	Jamalpur	28-Oct-73	13.52
Old Brahmaputra	SW225	Jamalpur	29-Oct-73	13.41
Old Brahmaputra	SW225	Jamalpur	30-Oct-73	13.29
Old Brahmaputra	SW225	Jamalpur	31-Oct-73	13.26
Old Brahmaputra	SW225	Jamalpur	01-Nov-73	13.09
Old Brahmaputra	SW225	Jamalpur	02-Nov-73	12.99
Old Brahmaputra	SW225	Jamalpur	03-Nov-73	12.97
Old Brahmaputra	SW225	Jamalpur	04-Nov-73	12.91
Old Brahmaputra	SW225	Jamalpur	05-Nov-73	12.86

Old Brahmaputra	SW225	Jamalpur	06-Nov-73	12.85
Old Brahmaputra	SW225	Jamalpur	07-Nov-73	12.8
Old Brahmaputra	SW225	Jamalpur	08-Nov-73	12.77
Old Brahmaputra	SW225	Jamalpur	09-Nov-73	12.77
Old Brahmaputra	SW225	Jamalpur	10-Nov-73	12.72
Old Brahmaputra	SW225	Jamalpur	11-Nov-73	12.69
Old Brahmaputra	SW225	Jamalpur	12-Nov-73	12.68
Old Brahmaputra	SW225	Jamalpur	13-Nov-73	12.65
Old Brahmaputra	SW225	Jamalpur	14-Nov-73	12.6
Old Brahmaputra	SW225	Jamalpur	15-Nov-73	12.55
Old Brahmaputra	SW225	Jamalpur	16-Nov-73	12.52
Old Brahmaputra	SW225	Jamalpur	17-Nov-73	12.49
Old Brahmaputra	SW225	Jamalpur	18-Nov-73	12.48
Old Brahmaputra	SW225	Jamalpur	19-Nov-73	12.47
Old Brahmaputra	SW225	Jamalpur	20-Nov-73	12.45
Old Brahmaputra	SW225	Jamalpur	21-Nov-73	12.45
Old Brahmaputra	SW225	Jamalpur	22-Nov-73	12.44
Old Brahmaputra	SW225	Jamalpur	23-Nov-73	12.4
Old Brahmaputra	SW225	Jamalpur	24-Nov-73	12.4
Old Brahmaputra	SW225	Jamalpur	25-Nov-73	12.39
Old Brahmaputra	SW225	Jamalpur	26-Nov-73	12.37
Old Brahmaputra	SW225	Jamalpur	27-Nov-73	12.35
Old Brahmaputra	SW225	Jamalpur	28-Nov-73	12.34
Old Brahmaputra	SW225	Jamalpur	29-Nov-73	12.29
Old Brahmaputra	SW225	Jamalpur	30-Nov-73	12.27
Old Brahmaputra	SW225	Jamalpur	01-Dec-73	12.25
Old Brahmaputra	SW225	Jamalpur	02-Dec-73	12.23
Old Brahmaputra	SW225	Jamalpur	03-Dec-73	12.22
Old Brahmaputra	SW225	Jamalpur	04-Dec-73	12.2
Old Brahmaputra	SW225	Jamalpur	05-Dec-73	12.19
Old Brahmaputra	SW225	Jamalpur	06-Dec-73	12.16
Old Brahmaputra	SW225	Jamalpur	07-Dec-73	12.15
Old Brahmaputra	SW225	Jamalpur	08-Dec-73	12.15
Old Brahmaputra	SW225	Jamalpur	09-Dec-73	12.15
Old Brahmaputra	SW225	Jamalpur	10-Dec-73	12.15
Old Brahmaputra	SW225	Jamalpur	11-Dec-73	12.14
Old Brahmaputra	SW225	Jamalpur	12-Dec-73	12.11
Old Brahmaputra	SW225	Jamalpur	13-Dec-73	12.1
Old Brahmaputra	SW225	Jamalpur	14-Dec-73	12.1
Old Brahmaputra	SW225	Jamalpur	15-Dec-73	12.09
Old Brahmaputra	SW225	Jamalpur	16-Dec-73	12.07
Old Brahmaputra	SW225	Jamalpur	17-Dec-73	12.07
Old Brahmaputra	SW225	Jamalpur	18-Dec-73	12.06
Old Brahmaputra	SW225	Jamalpur	19-Dec-73	12.06
Old Brahmaputra	SW225	Jamalpur	20-Dec-73	12.04
Old Brahmaputra	SW225	Jamalpur	21-Dec-73	12.04
Old Brahmaputra	SW225	Jamalpur	22-Dec-73	12.02
Old Brahmaputra	SW225	Jamalpur	23-Dec-73	12.1
Old Brahmaputra	SW225	Jamalpur	24-Dec-73	12.1
Old Brahmaputra	SW225	Jamalpur	25-Dec-73	12.1

Old Brahmaputra	SW225	Jamalpur	26-Dec-73	12.08
Old Brahmaputra	SW225	Jamalpur	27-Dec-73	12.08
Old Brahmaputra	SW225	Jamalpur	28-Dec-73	12.06
Old Brahmaputra	SW225	Jamalpur	29-Dec-73	12.05
Old Brahmaputra	SW225	Jamalpur	30-Dec-73	12.05
Old Brahmaputra	SW225	Jamalpur	31-Dec-73	12.03
Old Brahmaputra	SW225	Jamalpur	01-Jan-74	12.03
Old Brahmaputra	SW225	Jamalpur	02-Jan-74	12.03
Old Brahmaputra	SW225	Jamalpur	03-Jan-74	12.03
Old Brahmaputra	SW225	Jamalpur	04-Jan-74	12.02
Old Brahmaputra	SW225	Jamalpur	05-Jan-74	12.02
Old Brahmaputra	SW225	Jamalpur	06-Jan-74	12.02
Old Brahmaputra	SW225	Jamalpur	07-Jan-74	12.02
Old Brahmaputra	SW225	Jamalpur	08-Jan-74	12.01
Old Brahmaputra	SW225	Jamalpur	09-Jan-74	12.01
Old Brahmaputra	SW225	Jamalpur	10-Jan-74	12.01
Old Brahmaputra	SW225	Jamalpur	11-Jan-74	12.01
Old Brahmaputra	SW225	Jamalpur	12-Jan-74	12.01
Old Brahmaputra	SW225	Jamalpur	13-Jan-74	11.98
Old Brahmaputra	SW225	Jamalpur	14-Jan-74	11.98
Old Brahmaputra	SW225	Jamalpur	15-Jan-74	12.01
Old Brahmaputra	SW225	Jamalpur	16-Jan-74	12.01
Old Brahmaputra	SW225	Jamalpur	17-Jan-74	11.98
Old Brahmaputra	SW225	Jamalpur	18-Jan-74	11.98
Old Brahmaputra	SW225	Jamalpur	19-Jan-74	11.98
Old Brahmaputra	SW225	Jamalpur	20-Jan-74	11.98
Old Brahmaputra	SW225	Jamalpur	21-Jan-74	11.98
Old Brahmaputra	SW225	Jamalpur	22-Jan-74	11.97
Old Brahmaputra	SW225	Jamalpur	23-Jan-74	11.97
Old Brahmaputra	SW225	Jamalpur	24-Jan-74	11.97
Old Brahmaputra	SW225	Jamalpur	25-Jan-74	11.97
Old Brahmaputra	SW225	Jamalpur	26-Jan-74	11.95
Old Brahmaputra	SW225	Jamalpur	27-Jan-74	11.95
Old Brahmaputra	SW225	Jamalpur	28-Jan-74	11.95
Old Brahmaputra	SW225	Jamalpur	29-Jan-74	11.95
Old Brahmaputra	SW225	Jamalpur	30-Jan-74	11.95
Old Brahmaputra	SW225	Jamalpur	31-Jan-74	11.95
Old Brahmaputra	SW225	Jamalpur	01-Feb-74	11.94
Old Brahmaputra	SW225	Jamalpur	02-Feb-74	11.94
Old Brahmaputra	SW225	Jamalpur	03-Feb-74	11.94
Old Brahmaputra	SW225	Jamalpur	04-Feb-74	11.94
Old Brahmaputra	SW225	Jamalpur	05-Feb-74	11.94
Old Brahmaputra	SW225	Jamalpur	06-Feb-74	11.94
Old Brahmaputra	SW225	Jamalpur	07-Feb-74	11.94
Old Brahmaputra	SW225	Jamalpur	08-Feb-74	11.94
Old Brahmaputra	SW225	Jamalpur	09-Feb-74	11.93
Old Brahmaputra	SW225	Jamalpur	10-Feb-74	11.93
Old Brahmaputra	SW225	Jamalpur	11-Feb-74	11.93
Old Brahmaputra	SW225	Jamalpur	12-Feb-74	11.93
Old Brahmaputra	SW225	Jamalpur	13-Feb-74	11.93

Old Brahmaputra	SW225	Jamalpur	14-Feb-74	11.93
Old Brahmaputra	SW225	Jamalpur	15-Feb-74	11.93
Old Brahmaputra	SW225	Jamalpur	16-Feb-74	11.91
Old Brahmaputra	SW225	Jamalpur	17-Feb-74	11.91
Old Brahmaputra	SW225	Jamalpur	18-Feb-74	11.91
Old Brahmaputra	SW225	Jamalpur	19-Feb-74	11.91
Old Brahmaputra	SW225	Jamalpur	20-Feb-74	11.91
Old Brahmaputra	SW225	Jamalpur	21-Feb-74	11.91
Old Brahmaputra	SW225	Jamalpur	22-Feb-74	11.91
Old Brahmaputra	SW225	Jamalpur	23-Feb-74	11.91
Old Brahmaputra	SW225	Jamalpur	24-Feb-74	11.91
Old Brahmaputra	SW225	Jamalpur	25-Feb-74	11.9
Old Brahmaputra	SW225	Jamalpur	26-Feb-74	11.9
Old Brahmaputra	SW225	Jamalpur	27-Feb-74	11.9
Old Brahmaputra	SW225	Jamalpur	28-Feb-74	11.9
Old Brahmaputra	SW225	Jamalpur	01-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	02-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	03-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	04-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	05-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	06-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	07-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	08-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	09-Mar-74	11.88
Old Brahmaputra	SW225	Jamalpur	10-Mar-74	11.88
Old Brahmaputra	SW225	Jamalpur	11-Mar-74	11.88
Old Brahmaputra	SW225	Jamalpur	12-Mar-74	11.88
Old Brahmaputra	SW225	Jamalpur	13-Mar-74	11.88
Old Brahmaputra	SW225	Jamalpur	14-Mar-74	11.88
Old Brahmaputra	SW225	Jamalpur	15-Mar-74	11.88
Old Brahmaputra	SW225	Jamalpur	16-Mar-74	11.88
Old Brahmaputra	SW225	Jamalpur	17-Mar-74	11.88
Old Brahmaputra	SW225	Jamalpur	18-Mar-74	11.86
Old Brahmaputra	SW225	Jamalpur	19-Mar-74	11.86
Old Brahmaputra	SW225	Jamalpur	20-Mar-74	11.86
Old Brahmaputra	SW225	Jamalpur	21-Mar-74	11.86
Old Brahmaputra	SW225	Jamalpur	22-Mar-74	11.88
Old Brahmaputra	SW225	Jamalpur	23-Mar-74	11.88
Old Brahmaputra	SW225	Jamalpur	24-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	25-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	26-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	27-Mar-74	11.9
Old Brahmaputra	SW225	Jamalpur	28-Mar-74	11.91
Old Brahmaputra	SW225	Jamalpur	29-Mar-74	11.91
Old Brahmaputra	SW225	Jamalpur	30-Mar-74	11.91
Old Brahmaputra	SW225	Jamalpur	31-Mar-74	12.02
Old Brahmaputra	SW225	Jamalpur	01-Apr-74	11.98
Old Brahmaputra	SW225	Jamalpur	02-Apr-74	11.98
Old Brahmaputra	SW225	Jamalpur	03-Apr-74	11.98
Old Brahmaputra	SW225	Jamalpur	04-Apr-74	11.98

Old Brahmaputra	SW225	Jamalpur	05-Apr-74	11.97
Old Brahmaputra	SW225	Jamalpur	06-Apr-74	11.94
Old Brahmaputra	SW225	Jamalpur	07-Apr-74	11.94
Old Brahmaputra	SW225	Jamalpur	08-Apr-74	11.94
Old Brahmaputra	SW225	Jamalpur	09-Apr-74	11.93
Old Brahmaputra	SW225	Jamalpur	10-Apr-74	11.93
Old Brahmaputra	SW225	Jamalpur	11-Apr-74	11.91
Old Brahmaputra	SW225	Jamalpur	12-Apr-74	11.91
Old Brahmaputra	SW225	Jamalpur	13-Apr-74	11.91
Old Brahmaputra	SW225	Jamalpur	14-Apr-74	11.91
Old Brahmaputra	SW225	Jamalpur	15-Apr-74	11.91
Old Brahmaputra	SW225	Jamalpur	16-Apr-74	11.92
Old Brahmaputra	SW225	Jamalpur	17-Apr-74	11.94
Old Brahmaputra	SW225	Jamalpur	18-Apr-74	12.06
Old Brahmaputra	SW225	Jamalpur	19-Apr-74	12.17
Old Brahmaputra	SW225	Jamalpur	20-Apr-74	12.26
Old Brahmaputra	SW225	Jamalpur	21-Apr-74	12.21
Old Brahmaputra	SW225	Jamalpur	22-Apr-74	12.17
Old Brahmaputra	SW225	Jamalpur	23-Apr-74	12.12
Old Brahmaputra	SW225	Jamalpur	24-Apr-74	12.09
Old Brahmaputra	SW225	Jamalpur	25-Apr-74	12.09
Old Brahmaputra	SW225	Jamalpur	26-Apr-74	12.15
Old Brahmaputra	SW225	Jamalpur	27-Apr-74	12.45
Old Brahmaputra	SW225	Jamalpur	28-Apr-74	12.79
Old Brahmaputra	SW225	Jamalpur	29-Apr-74	12.84
Old Brahmaputra	SW225	Jamalpur	30-Apr-74	12.86
Old Brahmaputra	SW225	Jamalpur	01-May-74	12.94
Old Brahmaputra	SW225	Jamalpur	02-May-74	13.22
Old Brahmaputra	SW225	Jamalpur	03-May-74	13.32
Old Brahmaputra	SW225	Jamalpur	04-May-74	13.26
Old Brahmaputra	SW225	Jamalpur	05-May-74	13.1
Old Brahmaputra	SW225	Jamalpur	06-May-74	13.05
Old Brahmaputra	SW225	Jamalpur	07-May-74	13.06
Old Brahmaputra	SW225	Jamalpur	08-May-74	13.12
Old Brahmaputra	SW225	Jamalpur	09-May-74	13.18
Old Brahmaputra	SW225	Jamalpur	10-May-74	13.24
Old Brahmaputra	SW225	Jamalpur	11-May-74	13.27
Old Brahmaputra	SW225	Jamalpur	12-May-74	13.38
Old Brahmaputra	SW225	Jamalpur	13-May-74	13.84
Old Brahmaputra	SW225	Jamalpur	14-May-74	14.13
Old Brahmaputra	SW225	Jamalpur	15-May-74	14.19
Old Brahmaputra	SW225	Jamalpur	16-May-74	14.16
Old Brahmaputra	SW225	Jamalpur	17-May-74	14.11
Old Brahmaputra	SW225	Jamalpur	18-May-74	14.12
Old Brahmaputra	SW225	Jamalpur	19-May-74	14.18
Old Brahmaputra	SW225	Jamalpur	20-May-74	14.2
Old Brahmaputra	SW225	Jamalpur	21-May-74	14.18
Old Brahmaputra	SW225	Jamalpur	22-May-74	14.1
Old Brahmaputra	SW225	Jamalpur	23-May-74	14.05
Old Brahmaputra	SW225	Jamalpur	24-May-74	14.05

Old Brahmaputra	SW225	Jamalpur	25-May-74	14.03
Old Brahmaputra	SW225	Jamalpur	26-May-74	13.93
Old Brahmaputra	SW225	Jamalpur	27-May-74	13.73
Old Brahmaputra	SW225	Jamalpur	28-May-74	13.56
Old Brahmaputra	SW225	Jamalpur	29-May-74	13.4
Old Brahmaputra	SW225	Jamalpur	30-May-74	13.26
Old Brahmaputra	SW225	Jamalpur	31-May-74	13.19
Old Brahmaputra	SW225	Jamalpur	01-Jun-74	13.16
Old Brahmaputra	SW225	Jamalpur	02-Jun-74	13.2
Old Brahmaputra	SW225	Jamalpur	03-Jun-74	13.22
Old Brahmaputra	SW225	Jamalpur	04-Jun-74	13.47
Old Brahmaputra	SW225	Jamalpur	05-Jun-74	13.77
Old Brahmaputra	SW225	Jamalpur	06-Jun-74	13.99
Old Brahmaputra	SW225	Jamalpur	07-Jun-74	14.22
Old Brahmaputra	SW225	Jamalpur	08-Jun-74	14.72
Old Brahmaputra	SW225	Jamalpur	09-Jun-74	15.02
Old Brahmaputra	SW225	Jamalpur	10-Jun-74	15.21
Old Brahmaputra	SW225	Jamalpur	11-Jun-74	15.28
Old Brahmaputra	SW225	Jamalpur	12-Jun-74	15.19
Old Brahmaputra	SW225	Jamalpur	13-Jun-74	15.01
Old Brahmaputra	SW225	Jamalpur	14-Jun-74	14.78
Old Brahmaputra	SW225	Jamalpur	15-Jun-74	14.6
Old Brahmaputra	SW225	Jamalpur	16-Jun-74	14.47
Old Brahmaputra	SW225	Jamalpur	17-Jun-74	14.35
Old Brahmaputra	SW225	Jamalpur	18-Jun-74	14.31
Old Brahmaputra	SW225	Jamalpur	19-Jun-74	14.3
Old Brahmaputra	SW225	Jamalpur	20-Jun-74	14.39
Old Brahmaputra	SW225	Jamalpur	21-Jun-74	14.6
Old Brahmaputra	SW225	Jamalpur	22-Jun-74	14.9
Old Brahmaputra	SW225	Jamalpur	23-Jun-74	15.19
Old Brahmaputra	SW225	Jamalpur	24-Jun-74	15.59
Old Brahmaputra	SW225	Jamalpur	25-Jun-74	16.13
Old Brahmaputra	SW225	Jamalpur	26-Jun-74	16.63
Old Brahmaputra	SW225	Jamalpur	27-Jun-74	16.98
Old Brahmaputra	SW225	Jamalpur	28-Jun-74	17.14
Old Brahmaputra	SW225	Jamalpur	29-Jun-74	17.1
Old Brahmaputra	SW225	Jamalpur	30-Jun-74	16.93
Old Brahmaputra	SW225	Jamalpur	01-Jul-74	16.75
Old Brahmaputra	SW225	Jamalpur	02-Jul-74	16.64
Old Brahmaputra	SW225	Jamalpur	03-Jul-74	16.67
Old Brahmaputra	SW225	Jamalpur	04-Jul-74	16.75
Old Brahmaputra	SW225	Jamalpur	05-Jul-74	16.88
Old Brahmaputra	SW225	Jamalpur	06-Jul-74	17
Old Brahmaputra	SW225	Jamalpur	07-Jul-74	17.13
Old Brahmaputra	SW225	Jamalpur	08-Jul-74	17.23
Old Brahmaputra	SW225	Jamalpur	09-Jul-74	17.23
Old Brahmaputra	SW225	Jamalpur	10-Jul-74	17.14
Old Brahmaputra	SW225	Jamalpur	11-Jul-74	16.98
Old Brahmaputra	SW225	Jamalpur	12-Jul-74	16.8
Old Brahmaputra	SW225	Jamalpur	13-Jul-74	16.64

Old Brahmaputra	SW225	Jamalpur	14-Jul-74	16.52
Old Brahmaputra	SW225	Jamalpur	15-Jul-74	16.46
Old Brahmaputra	SW225	Jamalpur	16-Jul-74	16.49
Old Brahmaputra	SW225	Jamalpur	17-Jul-74	16.73
Old Brahmaputra	SW225	Jamalpur	18-Jul-74	17
Old Brahmaputra	SW225	Jamalpur	19-Jul-74	17.15
Old Brahmaputra	SW225	Jamalpur	20-Jul-74	17.28
Old Brahmaputra	SW225	Jamalpur	21-Jul-74	17.36
Old Brahmaputra	SW225	Jamalpur	22-Jul-74	17.41
Old Brahmaputra	SW225	Jamalpur	23-Jul-74	17.34
Old Brahmaputra	SW225	Jamalpur	24-Jul-74	17.28
Old Brahmaputra	SW225	Jamalpur	25-Jul-74	17.17
Old Brahmaputra	SW225	Jamalpur	26-Jul-74	17.14
Old Brahmaputra	SW225	Jamalpur	27-Jul-74	17.11
Old Brahmaputra	SW225	Jamalpur	28-Jul-74	17.07
Old Brahmaputra	SW225	Jamalpur	29-Jul-74	17.15
Old Brahmaputra	SW225	Jamalpur	30-Jul-74	17.3
Old Brahmaputra	SW225	Jamalpur	31-Jul-74	17.39
Old Brahmaputra	SW225	Jamalpur	01-Aug-74	17.41
Old Brahmaputra	SW225	Jamalpur	02-Aug-74	17.41
Old Brahmaputra	SW225	Jamalpur	03-Aug-74	17.38
Old Brahmaputra	SW225	Jamalpur	04-Aug-74	17.36
Old Brahmaputra	SW225	Jamalpur	05-Aug-74	17.4
Old Brahmaputra	SW225	Jamalpur	06-Aug-74	17.5
Old Brahmaputra	SW225	Jamalpur	07-Aug-74	17.56
Old Brahmaputra	SW225	Jamalpur	08-Aug-74	17.55
Old Brahmaputra	SW225	Jamalpur	09-Aug-74	17.47
Old Brahmaputra	SW225	Jamalpur	10-Aug-74	17.35
Old Brahmaputra	SW225	Jamalpur	11-Aug-74	17.26
Old Brahmaputra	SW225	Jamalpur	12-Aug-74	17.14
Old Brahmaputra	SW225	Jamalpur	13-Aug-74	17.01
Old Brahmaputra	SW225	Jamalpur	14-Aug-74	16.85
Old Brahmaputra	SW225	Jamalpur	15-Aug-74	16.69
Old Brahmaputra	SW225	Jamalpur	16-Aug-74	16.51
Old Brahmaputra	SW225	Jamalpur	17-Aug-74	16.37
Old Brahmaputra	SW225	Jamalpur	18-Aug-74	16.22
Old Brahmaputra	SW225	Jamalpur	19-Aug-74	16.07
Old Brahmaputra	SW225	Jamalpur	20-Aug-74	15.9
Old Brahmaputra	SW225	Jamalpur	21-Aug-74	15.81
Old Brahmaputra	SW225	Jamalpur	22-Aug-74	15.66
Old Brahmaputra	SW225	Jamalpur	23-Aug-74	15.48
Old Brahmaputra	SW225	Jamalpur	24-Aug-74	15.35
Old Brahmaputra	SW225	Jamalpur	25-Aug-74	15.26
Old Brahmaputra	SW225	Jamalpur	26-Aug-74	15.23
Old Brahmaputra	SW225	Jamalpur	27-Aug-74	15.27
Old Brahmaputra	SW225	Jamalpur	28-Aug-74	15.36
Old Brahmaputra	SW225	Jamalpur	29-Aug-74	15.65
Old Brahmaputra	SW225	Jamalpur	30-Aug-74	15.79
Old Brahmaputra	SW225	Jamalpur	31-Aug-74	16.01
Old Brahmaputra	SW225	Jamalpur	01-Sep-74	16.42

Old Brahmaputra	SW225	Jamalpur	02-Sep-74	16.86
Old Brahmaputra	SW225	Jamalpur	03-Sep-74	17.3
Old Brahmaputra	SW225	Jamalpur	04-Sep-74	17.46
Old Brahmaputra	SW225	Jamalpur	05-Sep-74	17.45
Old Brahmaputra	SW225	Jamalpur	06-Sep-74	17.38
Old Brahmaputra	SW225	Jamalpur	07-Sep-74	17.26
Old Brahmaputra	SW225	Jamalpur	08-Sep-74	17.11
Old Brahmaputra	SW225	Jamalpur	09-Sep-74	16.93
Old Brahmaputra	SW225	Jamalpur	10-Sep-74	16.75
Old Brahmaputra	SW225	Jamalpur	11-Sep-74	16.57
Old Brahmaputra	SW225	Jamalpur	12-Sep-74	16.4
Old Brahmaputra	SW225	Jamalpur	13-Sep-74	16.22
Old Brahmaputra	SW225	Jamalpur	14-Sep-74	16.18
Old Brahmaputra	SW225	Jamalpur	15-Sep-74	16.28
Old Brahmaputra	SW225	Jamalpur	16-Sep-74	16.26
Old Brahmaputra	SW225	Jamalpur	17-Sep-74	16.22
Old Brahmaputra	SW225	Jamalpur	18-Sep-74	16.23
Old Brahmaputra	SW225	Jamalpur	19-Sep-74	16.23
Old Brahmaputra	SW225	Jamalpur	20-Sep-74	16.25
Old Brahmaputra	SW225	Jamalpur	21-Sep-74	16.31
Old Brahmaputra	SW225	Jamalpur	22-Sep-74	16.39
Old Brahmaputra	SW225	Jamalpur	23-Sep-74	16.43
Old Brahmaputra	SW225	Jamalpur	24-Sep-74	16.46
Old Brahmaputra	SW225	Jamalpur	25-Sep-74	16.46
Old Brahmaputra	SW225	Jamalpur	26-Sep-74	16.44
Old Brahmaputra	SW225	Jamalpur	27-Sep-74	16.39
Old Brahmaputra	SW225	Jamalpur	28-Sep-74	16.35
Old Brahmaputra	SW225	Jamalpur	29-Sep-74	16.31
Old Brahmaputra	SW225	Jamalpur	30-Sep-74	16.33
Old Brahmaputra	SW225	Jamalpur	01-Oct-74	16.28
Old Brahmaputra	SW225	Jamalpur	02-Oct-74	16.25
Old Brahmaputra	SW225	Jamalpur	03-Oct-74	16.18
Old Brahmaputra	SW225	Jamalpur	04-Oct-74	16.11
Old Brahmaputra	SW225	Jamalpur	05-Oct-74	16.04
Old Brahmaputra	SW225	Jamalpur	06-Oct-74	15.88
Old Brahmaputra	SW225	Jamalpur	07-Oct-74	15.68
Old Brahmaputra	SW225	Jamalpur	08-Oct-74	15.61
Old Brahmaputra	SW225	Jamalpur	09-Oct-74	15.39
Old Brahmaputra	SW225	Jamalpur	10-Oct-74	15.27
Old Brahmaputra	SW225	Jamalpur	11-Oct-74	15.16
Old Brahmaputra	SW225	Jamalpur	12-Oct-74	15.06
Old Brahmaputra	SW225	Jamalpur	13-Oct-74	14.9
Old Brahmaputra	SW225	Jamalpur	14-Oct-74	14.78
Old Brahmaputra	SW225	Jamalpur	15-Oct-74	14.67
Old Brahmaputra	SW225	Jamalpur	16-Oct-74	14.6
Old Brahmaputra	SW225	Jamalpur	17-Oct-74	14.48
Old Brahmaputra	SW225	Jamalpur	18-Oct-74	14.45
Old Brahmaputra	SW225	Jamalpur	19-Oct-74	14.41
Old Brahmaputra	SW225	Jamalpur	20-Oct-74	14.31
Old Brahmaputra	SW225	Jamalpur	21-Oct-74	14.22

Old Brahmaputra	SW225	Jamalpur	22-Oct-74	14.2
Old Brahmaputra	SW225	Jamalpur	23-Oct-74	14.11
Old Brahmaputra	SW225	Jamalpur	24-Oct-74	14.07
Old Brahmaputra	SW225	Jamalpur	25-Oct-74	13.98
Old Brahmaputra	SW225	Jamalpur	26-Oct-74	14.1
Old Brahmaputra	SW225	Jamalpur	27-Oct-74	14.3
Old Brahmaputra	SW225	Jamalpur	28-Oct-74	14.02
Old Brahmaputra	SW225	Jamalpur	29-Oct-74	13.9
Old Brahmaputra	SW225	Jamalpur	30-Oct-74	13.83
Old Brahmaputra	SW225	Jamalpur	31-Oct-74	13.78
Old Brahmaputra	SW225	Jamalpur	01-Nov-74	13.79
Old Brahmaputra	SW225	Jamalpur	02-Nov-74	13.81
Old Brahmaputra	SW225	Jamalpur	03-Nov-74	13.76
Old Brahmaputra	SW225	Jamalpur	04-Nov-74	13.7
Old Brahmaputra	SW225	Jamalpur	05-Nov-74	13.6
Old Brahmaputra	SW225	Jamalpur	06-Nov-74	13.48
Old Brahmaputra	SW225	Jamalpur	07-Nov-74	13.41
Old Brahmaputra	SW225	Jamalpur	08-Nov-74	13.34
Old Brahmaputra	SW225	Jamalpur	09-Nov-74	13.26
Old Brahmaputra	SW225	Jamalpur	10-Nov-74	13.19
Old Brahmaputra	SW225	Jamalpur	11-Nov-74	13.12
Old Brahmaputra	SW225	Jamalpur	12-Nov-74	13.06
Old Brahmaputra	SW225	Jamalpur	13-Nov-74	13
Old Brahmaputra	SW225	Jamalpur	14-Nov-74	12.95
Old Brahmaputra	SW225	Jamalpur	15-Nov-74	12.91
Old Brahmaputra	SW225	Jamalpur	16-Nov-74	12.85
Old Brahmaputra	SW225	Jamalpur	17-Nov-74	12.8
Old Brahmaputra	SW225	Jamalpur	18-Nov-74	12.77
Old Brahmaputra	SW225	Jamalpur	19-Nov-74	12.73
Old Brahmaputra	SW225	Jamalpur	20-Nov-74	12.7
Old Brahmaputra	SW225	Jamalpur	21-Nov-74	12.68
Old Brahmaputra	SW225	Jamalpur	22-Nov-74	12.65
Old Brahmaputra	SW225	Jamalpur	23-Nov-74	12.61
Old Brahmaputra	SW225	Jamalpur	24-Nov-74	12.58
Old Brahmaputra	SW225	Jamalpur	25-Nov-74	12.55
Old Brahmaputra	SW225	Jamalpur	26-Nov-74	12.52
Old Brahmaputra	SW225	Jamalpur	27-Nov-74	12.49
Old Brahmaputra	SW225	Jamalpur	28-Nov-74	12.47
Old Brahmaputra	SW225	Jamalpur	29-Nov-74	12.45
Old Brahmaputra	SW225	Jamalpur	30-Nov-74	12.44
Old Brahmaputra	SW225	Jamalpur	01-Dec-74	12.4
Old Brahmaputra	SW225	Jamalpur	02-Dec-74	12.38
Old Brahmaputra	SW225	Jamalpur	03-Dec-74	12.36
Old Brahmaputra	SW225	Jamalpur	04-Dec-74	12.34
Old Brahmaputra	SW225	Jamalpur	05-Dec-74	12.33
Old Brahmaputra	SW225	Jamalpur	06-Dec-74	12.33
Old Brahmaputra	SW225	Jamalpur	07-Dec-74	12.31
Old Brahmaputra	SW225	Jamalpur	08-Dec-74	12.31
Old Brahmaputra	SW225	Jamalpur	09-Dec-74	12.31
Old Brahmaputra	SW225	Jamalpur	10-Dec-74	12.3

Old Brahmaputra	SW225	Jamalpur	11-Dec-74	12.28
Old Brahmaputra	SW225	Jamalpur	12-Dec-74	12.27
Old Brahmaputra	SW225	Jamalpur	13-Dec-74	12.26
Old Brahmaputra	SW225	Jamalpur	14-Dec-74	12.26
Old Brahmaputra	SW225	Jamalpur	15-Dec-74	12.24
Old Brahmaputra	SW225	Jamalpur	16-Dec-74	12.22
Old Brahmaputra	SW225	Jamalpur	17-Dec-74	12.22
Old Brahmaputra	SW225	Jamalpur	18-Dec-74	12.2
Old Brahmaputra	SW225	Jamalpur	19-Dec-74	12.19
Old Brahmaputra	SW225	Jamalpur	20-Dec-74	12.19
Old Brahmaputra	SW225	Jamalpur	21-Dec-74	12.18
Old Brahmaputra	SW225	Jamalpur	22-Dec-74	12.18
Old Brahmaputra	SW225	Jamalpur	23-Dec-74	12.18
Old Brahmaputra	SW225	Jamalpur	24-Dec-74	12.16
Old Brahmaputra	SW225	Jamalpur	25-Dec-74	12.16
Old Brahmaputra	SW225	Jamalpur	26-Dec-74	12.16
Old Brahmaputra	SW225	Jamalpur	27-Dec-74	12.15
Old Brahmaputra	SW225	Jamalpur	28-Dec-74	12.15
Old Brahmaputra	SW225	Jamalpur	29-Dec-74	12.13
Old Brahmaputra	SW225	Jamalpur	30-Dec-74	12.11
Old Brahmaputra	SW225	Jamalpur	31-Dec-74	12.11
Old Brahmaputra	SW225	Jamalpur	01-Jan-75	12.1
Old Brahmaputra	SW225	Jamalpur	02-Jan-75	12.1
Old Brahmaputra	SW225	Jamalpur	03-Jan-75	12.1
Old Brahmaputra	SW225	Jamalpur	04-Jan-75	12.1
Old Brahmaputra	SW225	Jamalpur	05-Jan-75	12.1
Old Brahmaputra	SW225	Jamalpur	06-Jan-75	12.09
Old Brahmaputra	SW225	Jamalpur	07-Jan-75	12.07
Old Brahmaputra	SW225	Jamalpur	08-Jan-75	12.07
Old Brahmaputra	SW225	Jamalpur	09-Jan-75	12.07
Old Brahmaputra	SW225	Jamalpur	10-Jan-75	12.06
Old Brahmaputra	SW225	Jamalpur	11-Jan-75	12.06
Old Brahmaputra	SW225	Jamalpur	12-Jan-75	12.06
Old Brahmaputra	SW225	Jamalpur	13-Jan-75	12.04
Old Brahmaputra	SW225	Jamalpur	14-Jan-75	12.04
Old Brahmaputra	SW225	Jamalpur	15-Jan-75	12.02
Old Brahmaputra	SW225	Jamalpur	16-Jan-75	12.01
Old Brahmaputra	SW225	Jamalpur	17-Jan-75	12.01
Old Brahmaputra	SW225	Jamalpur	18-Jan-75	11.98
Old Brahmaputra	SW225	Jamalpur	19-Jan-75	11.98
Old Brahmaputra	SW225	Jamalpur	20-Jan-75	11.98
Old Brahmaputra	SW225	Jamalpur	21-Jan-75	11.97
Old Brahmaputra	SW225	Jamalpur	22-Jan-75	11.95
Old Brahmaputra	SW225	Jamalpur	23-Jan-75	11.95
Old Brahmaputra	SW225	Jamalpur	24-Jan-75	11.95
Old Brahmaputra	SW225	Jamalpur	25-Jan-75	11.95
Old Brahmaputra	SW225	Jamalpur	26-Jan-75	11.95
Old Brahmaputra	SW225	Jamalpur	27-Jan-75	11.94
Old Brahmaputra	SW225	Jamalpur	28-Jan-75	11.94
Old Brahmaputra	SW225	Jamalpur	29-Jan-75	11.94

Old Brahmaputra	SW225	Jamalpur	30-Jan-75	11.92
Old Brahmaputra	SW225	Jamalpur	31-Jan-75	11.92
Old Brahmaputra	SW225	Jamalpur	01-Feb-75	11.92
Old Brahmaputra	SW225	Jamalpur	02-Feb-75	11.92
Old Brahmaputra	SW225	Jamalpur	03-Feb-75	11.92
Old Brahmaputra	SW225	Jamalpur	04-Feb-75	11.92
Old Brahmaputra	SW225	Jamalpur	05-Feb-75	11.9
Old Brahmaputra	SW225	Jamalpur	06-Feb-75	11.9
Old Brahmaputra	SW225	Jamalpur	07-Feb-75	11.9
Old Brahmaputra	SW225	Jamalpur	08-Feb-75	11.9
Old Brahmaputra	SW225	Jamalpur	09-Feb-75	11.9
Old Brahmaputra	SW225	Jamalpur	10-Feb-75	11.89
Old Brahmaputra	SW225	Jamalpur	11-Feb-75	11.89
Old Brahmaputra	SW225	Jamalpur	12-Feb-75	11.89
Old Brahmaputra	SW225	Jamalpur	13-Feb-75	11.89
Old Brahmaputra	SW225	Jamalpur	14-Feb-75	11.89
Old Brahmaputra	SW225	Jamalpur	15-Feb-75	11.89
Old Brahmaputra	SW225	Jamalpur	16-Feb-75	11.89
Old Brahmaputra	SW225	Jamalpur	17-Feb-75	11.89
Old Brahmaputra	SW225	Jamalpur	18-Feb-75	11.87
Old Brahmaputra	SW225	Jamalpur	19-Feb-75	11.87
Old Brahmaputra	SW225	Jamalpur	20-Feb-75	11.87
Old Brahmaputra	SW225	Jamalpur	21-Feb-75	11.87
Old Brahmaputra	SW225	Jamalpur	22-Feb-75	11.87
Old Brahmaputra	SW225	Jamalpur	23-Feb-75	11.87
Old Brahmaputra	SW225	Jamalpur	24-Feb-75	11.85
Old Brahmaputra	SW225	Jamalpur	25-Feb-75	11.85
Old Brahmaputra	SW225	Jamalpur	26-Feb-75	11.85
Old Brahmaputra	SW225	Jamalpur	27-Feb-75	11.85
Old Brahmaputra	SW225	Jamalpur	28-Feb-75	11.85
Old Brahmaputra	SW225	Jamalpur	01-Mar-75	11.85
Old Brahmaputra	SW225	Jamalpur	02-Mar-75	11.85
Old Brahmaputra	SW225	Jamalpur	03-Mar-75	11.84
Old Brahmaputra	SW225	Jamalpur	04-Mar-75	11.84
Old Brahmaputra	SW225	Jamalpur	05-Mar-75	11.84
Old Brahmaputra	SW225	Jamalpur	06-Mar-75	11.84
Old Brahmaputra	SW225	Jamalpur	07-Mar-75	11.84
Old Brahmaputra	SW225	Jamalpur	08-Mar-75	11.84
Old Brahmaputra	SW225	Jamalpur	09-Mar-75	11.84
Old Brahmaputra	SW225	Jamalpur	10-Mar-75	11.84
Old Brahmaputra	SW225	Jamalpur	11-Mar-75	11.84
Old Brahmaputra	SW225	Jamalpur	12-Mar-75	11.85
Old Brahmaputra	SW225	Jamalpur	13-Mar-75	11.84
Old Brahmaputra	SW225	Jamalpur	14-Mar-75	11.82
Old Brahmaputra	SW225	Jamalpur	15-Mar-75	11.82
Old Brahmaputra	SW225	Jamalpur	16-Mar-75	11.82
Old Brahmaputra	SW225	Jamalpur	17-Mar-75	11.82
Old Brahmaputra	SW225	Jamalpur	18-Mar-75	11.82
Old Brahmaputra	SW225	Jamalpur	19-Mar-75	11.82
Old Brahmaputra	SW225	Jamalpur	20-Mar-75	11.81

Old Brahmaputra	SW225	Jamalpur	21-Mar-75	11.81
Old Brahmaputra	SW225	Jamalpur	22-Mar-75	11.82
Old Brahmaputra	SW225	Jamalpur	23-Mar-75	11.82
Old Brahmaputra	SW225	Jamalpur	24-Mar-75	11.82
Old Brahmaputra	SW225	Jamalpur	25-Mar-75	11.82
Old Brahmaputra	SW225	Jamalpur	26-Mar-75	11.81
Old Brahmaputra	SW225	Jamalpur	27-Mar-75	11.81
Old Brahmaputra	SW225	Jamalpur	28-Mar-75	11.8
Old Brahmaputra	SW225	Jamalpur	29-Mar-75	11.8
Old Brahmaputra	SW225	Jamalpur	30-Mar-75	11.8
Old Brahmaputra	SW225	Jamalpur	31-Mar-75	11.8
Old Brahmaputra	SW225	Jamalpur	01-Apr-75	11.81
Old Brahmaputra	SW225	Jamalpur	02-Apr-75	11.81
Old Brahmaputra	SW225	Jamalpur	03-Apr-75	11.81
Old Brahmaputra	SW225	Jamalpur	04-Apr-75	11.8
Old Brahmaputra	SW225	Jamalpur	05-Apr-75	11.8
Old Brahmaputra	SW225	Jamalpur	06-Apr-75	11.8
Old Brahmaputra	SW225	Jamalpur	07-Apr-75	11.8
Old Brahmaputra	SW225	Jamalpur	08-Apr-75	11.8
Old Brahmaputra	SW225	Jamalpur	09-Apr-75	11.8
Old Brahmaputra	SW225	Jamalpur	10-Apr-75	11.8
Old Brahmaputra	SW225	Jamalpur	11-Apr-75	11.78
Old Brahmaputra	SW225	Jamalpur	12-Apr-75	11.78
Old Brahmaputra	SW225	Jamalpur	13-Apr-75	11.77
Old Brahmaputra	SW225	Jamalpur	14-Apr-75	11.77
Old Brahmaputra	SW225	Jamalpur	15-Apr-75	11.79
Old Brahmaputra	SW225	Jamalpur	16-Apr-75	11.82
Old Brahmaputra	SW225	Jamalpur	17-Apr-75	12.64
Old Brahmaputra	SW225	Jamalpur	18-Apr-75	12.66
Old Brahmaputra	SW225	Jamalpur	19-Apr-75	12.56
Old Brahmaputra	SW225	Jamalpur	20-Apr-75	12.39
Old Brahmaputra	SW225	Jamalpur	21-Apr-75	12.36
Old Brahmaputra	SW225	Jamalpur	22-Apr-75	12.37
Old Brahmaputra	SW225	Jamalpur	23-Apr-75	12.64
Old Brahmaputra	SW225	Jamalpur	24-Apr-75	12.75
Old Brahmaputra	SW225	Jamalpur	25-Apr-75	12.68
Old Brahmaputra	SW225	Jamalpur	26-Apr-75	12.6
Old Brahmaputra	SW225	Jamalpur	27-Apr-75	12.49
Old Brahmaputra	SW225	Jamalpur	28-Apr-75	12.38
Old Brahmaputra	SW225	Jamalpur	29-Apr-75	12.31
Old Brahmaputra	SW225	Jamalpur	30-Apr-75	12.25
Old Brahmaputra	SW225	Jamalpur	01-May-75	12.22
Old Brahmaputra	SW225	Jamalpur	02-May-75	12.19
Old Brahmaputra	SW225	Jamalpur	03-May-75	12.23
Old Brahmaputra	SW225	Jamalpur	04-May-75	12.35
Old Brahmaputra	SW225	Jamalpur	05-May-75	12.54
Old Brahmaputra	SW225	Jamalpur	06-May-75	12.83
Old Brahmaputra	SW225	Jamalpur	07-May-75	12.98
Old Brahmaputra	SW225	Jamalpur	08-May-75	12.94
Old Brahmaputra	SW225	Jamalpur	09-May-75	12.89

Old Brahmaputra	SW225	Jamalpur	10-May-75	12.86
Old Brahmaputra	SW225	Jamalpur	11-May-75	12.85
Old Brahmaputra	SW225	Jamalpur	12-May-75	12.83
Old Brahmaputra	SW225	Jamalpur	13-May-75	12.84
Old Brahmaputra	SW225	Jamalpur	14-May-75	12.91
Old Brahmaputra	SW225	Jamalpur	15-May-75	12.93
Old Brahmaputra	SW225	Jamalpur	16-May-75	12.94
Old Brahmaputra	SW225	Jamalpur	17-May-75	12.88
Old Brahmaputra	SW225	Jamalpur	18-May-75	12.85
Old Brahmaputra	SW225	Jamalpur	19-May-75	12.83
Old Brahmaputra	SW225	Jamalpur	20-May-75	12.91
Old Brahmaputra	SW225	Jamalpur	21-May-75	12.94
Old Brahmaputra	SW225	Jamalpur	22-May-75	13.02
Old Brahmaputra	SW225	Jamalpur	23-May-75	13.05
Old Brahmaputra	SW225	Jamalpur	24-May-75	13.05
Old Brahmaputra	SW225	Jamalpur	25-May-75	13.03
Old Brahmaputra	SW225	Jamalpur	26-May-75	13.35
Old Brahmaputra	SW225	Jamalpur	27-May-75	13.5
Old Brahmaputra	SW225	Jamalpur	28-May-75	13.56
Old Brahmaputra	SW225	Jamalpur	29-May-75	13.53
Old Brahmaputra	SW225	Jamalpur	30-May-75	13.49
Old Brahmaputra	SW225	Jamalpur	31-May-75	13.56
Old Brahmaputra	SW225	Jamalpur	01-Jun-75	13.52
Old Brahmaputra	SW225	Jamalpur	02-Jun-75	13.5
Old Brahmaputra	SW225	Jamalpur	03-Jun-75	13.52
Old Brahmaputra	SW225	Jamalpur	04-Jun-75	13.6
Old Brahmaputra	SW225	Jamalpur	05-Jun-75	13.64
Old Brahmaputra	SW225	Jamalpur	06-Jun-75	13.72
Old Brahmaputra	SW225	Jamalpur	07-Jun-75	13.79
Old Brahmaputra	SW225	Jamalpur	08-Jun-75	13.87
Old Brahmaputra	SW225	Jamalpur	09-Jun-75	13.76
Old Brahmaputra	SW225	Jamalpur	10-Jun-75	13.61
Old Brahmaputra	SW225	Jamalpur	11-Jun-75	13.48
Old Brahmaputra	SW225	Jamalpur	12-Jun-75	13.45
Old Brahmaputra	SW225	Jamalpur	13-Jun-75	13.48
Old Brahmaputra	SW225	Jamalpur	14-Jun-75	13.52
Old Brahmaputra	SW225	Jamalpur	15-Jun-75	13.73
Old Brahmaputra	SW225	Jamalpur	16-Jun-75	13.93
Old Brahmaputra	SW225	Jamalpur	17-Jun-75	14.07
Old Brahmaputra	SW225	Jamalpur	18-Jun-75	14.15
Old Brahmaputra	SW225	Jamalpur	19-Jun-75	14.23
Old Brahmaputra	SW225	Jamalpur	20-Jun-75	14.36
Old Brahmaputra	SW225	Jamalpur	21-Jun-75	14.51
Old Brahmaputra	SW225	Jamalpur	22-Jun-75	14.6
Old Brahmaputra	SW225	Jamalpur	23-Jun-75	14.61
Old Brahmaputra	SW225	Jamalpur	24-Jun-75	14.61
Old Brahmaputra	SW225	Jamalpur	25-Jun-75	14.67
Old Brahmaputra	SW225	Jamalpur	26-Jun-75	14.94
Old Brahmaputra	SW225	Jamalpur	27-Jun-75	15.15
Old Brahmaputra	SW225	Jamalpur	28-Jun-75	15.28

Old Brahmaputra	SW225	Jamalpur	29-Jun-75	15.39
Old Brahmaputra	SW225	Jamalpur	30-Jun-75	15.47
Old Brahmaputra	SW225	Jamalpur	01-Jul-75	15.53
Old Brahmaputra	SW225	Jamalpur	02-Jul-75	15.59
Old Brahmaputra	SW225	Jamalpur	03-Jul-75	15.65
Old Brahmaputra	SW225	Jamalpur	04-Jul-75	15.72
Old Brahmaputra	SW225	Jamalpur	05-Jul-75	15.81
Old Brahmaputra	SW225	Jamalpur	06-Jul-75	15.88
Old Brahmaputra	SW225	Jamalpur	07-Jul-75	15.88
Old Brahmaputra	SW225	Jamalpur	08-Jul-75	15.85
Old Brahmaputra	SW225	Jamalpur	09-Jul-75	15.81
Old Brahmaputra	SW225	Jamalpur	10-Jul-75	15.77
Old Brahmaputra	SW225	Jamalpur	11-Jul-75	15.76
Old Brahmaputra	SW225	Jamalpur	12-Jul-75	15.77
Old Brahmaputra	SW225	Jamalpur	13-Jul-75	15.84
Old Brahmaputra	SW225	Jamalpur	14-Jul-75	15.9
Old Brahmaputra	SW225	Jamalpur	15-Jul-75	16
Old Brahmaputra	SW225	Jamalpur	16-Jul-75	16.09
Old Brahmaputra	SW225	Jamalpur	17-Jul-75	16.25
Old Brahmaputra	SW225	Jamalpur	18-Jul-75	16.25
Old Brahmaputra	SW225	Jamalpur	19-Jul-75	16.17
Old Brahmaputra	SW225	Jamalpur	20-Jul-75	16.04
Old Brahmaputra	SW225	Jamalpur	21-Jul-75	16.01
Old Brahmaputra	SW225	Jamalpur	22-Jul-75	16.07
Old Brahmaputra	SW225	Jamalpur	23-Jul-75	16.11
Old Brahmaputra	SW225	Jamalpur	24-Jul-75	16.18
Old Brahmaputra	SW225	Jamalpur	25-Jul-75	16.32
Old Brahmaputra	SW225	Jamalpur	26-Jul-75	16.44
Old Brahmaputra	SW225	Jamalpur	27-Jul-75	16.61
Old Brahmaputra	SW225	Jamalpur	28-Jul-75	16.81
Old Brahmaputra	SW225	Jamalpur	29-Jul-75	16.89
Old Brahmaputra	SW225	Jamalpur	30-Jul-75	16.9
Old Brahmaputra	SW225	Jamalpur	31-Jul-75	16.88
Old Brahmaputra	SW225	Jamalpur	01-Aug-75	16.85
Old Brahmaputra	SW225	Jamalpur	02-Aug-75	16.83
Old Brahmaputra	SW225	Jamalpur	03-Aug-75	16.87
Old Brahmaputra	SW225	Jamalpur	04-Aug-75	16.87
Old Brahmaputra	SW225	Jamalpur	05-Aug-75	16.84
Old Brahmaputra	SW225	Jamalpur	06-Aug-75	16.78
Old Brahmaputra	SW225	Jamalpur	07-Aug-75	16.72
Old Brahmaputra	SW225	Jamalpur	08-Aug-75	16.59
Old Brahmaputra	SW225	Jamalpur	09-Aug-75	16.47
Old Brahmaputra	SW225	Jamalpur	10-Aug-75	16.29
Old Brahmaputra	SW225	Jamalpur	11-Aug-75	16.11
Old Brahmaputra	SW225	Jamalpur	12-Aug-75	15.93
Old Brahmaputra	SW225	Jamalpur	13-Aug-75	15.72
Old Brahmaputra	SW225	Jamalpur	14-Aug-75	15.59
Old Brahmaputra	SW225	Jamalpur	15-Aug-75	15.45
Old Brahmaputra	SW225	Jamalpur	16-Aug-75	15.33
Old Brahmaputra	SW225	Jamalpur	17-Aug-75	15.23

Old Brahmaputra	SW225	Jamalpur	18-Aug-75	15.16
Old Brahmaputra	SW225	Jamalpur	19-Aug-75	15.1
Old Brahmaputra	SW225	Jamalpur	20-Aug-75	15.05
Old Brahmaputra	SW225	Jamalpur	21-Aug-75	15.02
Old Brahmaputra	SW225	Jamalpur	22-Aug-75	15.02
Old Brahmaputra	SW225	Jamalpur	23-Aug-75	15.12
Old Brahmaputra	SW225	Jamalpur	24-Aug-75	15.24
Old Brahmaputra	SW225	Jamalpur	25-Aug-75	15.36
Old Brahmaputra	SW225	Jamalpur	26-Aug-75	15.44
Old Brahmaputra	SW225	Jamalpur	27-Aug-75	15.48
Old Brahmaputra	SW225	Jamalpur	28-Aug-75	15.5
Old Brahmaputra	SW225	Jamalpur	29-Aug-75	15.47
Old Brahmaputra	SW225	Jamalpur	30-Aug-75	15.47
Old Brahmaputra	SW225	Jamalpur	31-Aug-75	15.5
Old Brahmaputra	SW225	Jamalpur	01-Sep-75	15.39
Old Brahmaputra	SW225	Jamalpur	02-Sep-75	15.21
Old Brahmaputra	SW225	Jamalpur	03-Sep-75	15.12
Old Brahmaputra	SW225	Jamalpur	04-Sep-75	15.18
Old Brahmaputra	SW225	Jamalpur	05-Sep-75	15.27
Old Brahmaputra	SW225	Jamalpur	06-Sep-75	15.39
Old Brahmaputra	SW225	Jamalpur	07-Sep-75	15.5
Old Brahmaputra	SW225	Jamalpur	08-Sep-75	15.64
Old Brahmaputra	SW225	Jamalpur	09-Sep-75	15.76
Old Brahmaputra	SW225	Jamalpur	10-Sep-75	15.88
Old Brahmaputra	SW225	Jamalpur	11-Sep-75	16
Old Brahmaputra	SW225	Jamalpur	12-Sep-75	16.15
Old Brahmaputra	SW225	Jamalpur	13-Sep-75	16.18
Old Brahmaputra	SW225	Jamalpur	14-Sep-75	16.21
Old Brahmaputra	SW225	Jamalpur	15-Sep-75	16.26
Old Brahmaputra	SW225	Jamalpur	16-Sep-75	16.25
Old Brahmaputra	SW225	Jamalpur	17-Sep-75	16.23
Old Brahmaputra	SW225	Jamalpur	18-Sep-75	16.2
Old Brahmaputra	SW225	Jamalpur	19-Sep-75	16.14
Old Brahmaputra	SW225	Jamalpur	20-Sep-75	16.14
Old Brahmaputra	SW225	Jamalpur	21-Sep-75	16.18
Old Brahmaputra	SW225	Jamalpur	22-Sep-75	16.18
Old Brahmaputra	SW225	Jamalpur	23-Sep-75	16.11
Old Brahmaputra	SW225	Jamalpur	24-Sep-75	16.01
Old Brahmaputra	SW225	Jamalpur	25-Sep-75	15.85
Old Brahmaputra	SW225	Jamalpur	26-Sep-75	15.69
Old Brahmaputra	SW225	Jamalpur	27-Sep-75	15.57
Old Brahmaputra	SW225	Jamalpur	28-Sep-75	15.42
Old Brahmaputra	SW225	Jamalpur	29-Sep-75	15.27
Old Brahmaputra	SW225	Jamalpur	30-Sep-75	15.15
Old Brahmaputra	SW225	Jamalpur	01-Oct-75	15.04
Old Brahmaputra	SW225	Jamalpur	02-Oct-75	15.09
Old Brahmaputra	SW225	Jamalpur	03-Oct-75	15.12
Old Brahmaputra	SW225	Jamalpur	04-Oct-75	15.15
Old Brahmaputra	SW225	Jamalpur	05-Oct-75	15.15
Old Brahmaputra	SW225	Jamalpur	06-Oct-75	15.18

Old Brahmaputra	SW225	Jamalpur	07-Oct-75	15.18
Old Brahmaputra	SW225	Jamalpur	08-Oct-75	15.15
Old Brahmaputra	SW225	Jamalpur	09-Oct-75	15.13
Old Brahmaputra	SW225	Jamalpur	10-Oct-75	15.18
Old Brahmaputra	SW225	Jamalpur	11-Oct-75	15.1
Old Brahmaputra	SW225	Jamalpur	12-Oct-75	14.98
Old Brahmaputra	SW225	Jamalpur	13-Oct-75	14.89
Old Brahmaputra	SW225	Jamalpur	14-Oct-75	14.83
Old Brahmaputra	SW225	Jamalpur	15-Oct-75	14.78
Old Brahmaputra	SW225	Jamalpur	16-Oct-75	14.83
Old Brahmaputra	SW225	Jamalpur	17-Oct-75	14.93
Old Brahmaputra	SW225	Jamalpur	18-Oct-75	15.09
Old Brahmaputra	SW225	Jamalpur	19-Oct-75	15.15
Old Brahmaputra	SW225	Jamalpur	20-Oct-75	15.07
Old Brahmaputra	SW225	Jamalpur	21-Oct-75	14.9
Old Brahmaputra	SW225	Jamalpur	22-Oct-75	14.73
Old Brahmaputra	SW225	Jamalpur	23-Oct-75	14.6
Old Brahmaputra	SW225	Jamalpur	24-Oct-75	14.46
Old Brahmaputra	SW225	Jamalpur	25-Oct-75	14.37
Old Brahmaputra	SW225	Jamalpur	26-Oct-75	14.25
Old Brahmaputra	SW225	Jamalpur	27-Oct-75	14.19
Old Brahmaputra	SW225	Jamalpur	28-Oct-75	14.1
Old Brahmaputra	SW225	Jamalpur	29-Oct-75	14.02
Old Brahmaputra	SW225	Jamalpur	30-Oct-75	13.91
Old Brahmaputra	SW225	Jamalpur	31-Oct-75	13.83
Old Brahmaputra	SW225	Jamalpur	01-Nov-75	13.74
Old Brahmaputra	SW225	Jamalpur	02-Nov-75	13.67
Old Brahmaputra	SW225	Jamalpur	03-Nov-75	13.64
Old Brahmaputra	SW225	Jamalpur	04-Nov-75	13.64
Old Brahmaputra	SW225	Jamalpur	05-Nov-75	13.59
Old Brahmaputra	SW225	Jamalpur	06-Nov-75	13.55
Old Brahmaputra	SW225	Jamalpur	07-Nov-75	13.43
Old Brahmaputra	SW225	Jamalpur	08-Nov-75	13.34
Old Brahmaputra	SW225	Jamalpur	09-Nov-75	13.27
Old Brahmaputra	SW225	Jamalpur	10-Nov-75	13.22
Old Brahmaputra	SW225	Jamalpur	11-Nov-75	13.1
Old Brahmaputra	SW225	Jamalpur	12-Nov-75	13.05
Old Brahmaputra	SW225	Jamalpur	13-Nov-75	12.98
Old Brahmaputra	SW225	Jamalpur	14-Nov-75	12.91
Old Brahmaputra	SW225	Jamalpur	15-Nov-75	12.85
Old Brahmaputra	SW225	Jamalpur	16-Nov-75	12.81
Old Brahmaputra	SW225	Jamalpur	17-Nov-75	12.77
Old Brahmaputra	SW225	Jamalpur	18-Nov-75	12.73
Old Brahmaputra	SW225	Jamalpur	19-Nov-75	12.7
Old Brahmaputra	SW225	Jamalpur	20-Nov-75	12.65
Old Brahmaputra	SW225	Jamalpur	21-Nov-75	12.6
Old Brahmaputra	SW225	Jamalpur	22-Nov-75	12.55
Old Brahmaputra	SW225	Jamalpur	23-Nov-75	12.51
Old Brahmaputra	SW225	Jamalpur	24-Nov-75	12.48
Old Brahmaputra	SW225	Jamalpur	25-Nov-75	12.43

Old Brahmaputra	SW225	Jamalpur	26-Nov-75	12.4
Old Brahmaputra	SW225	Jamalpur	27-Nov-75	12.39
Old Brahmaputra	SW225	Jamalpur	28-Nov-75	12.37
Old Brahmaputra	SW225	Jamalpur	29-Nov-75	12.34
Old Brahmaputra	SW225	Jamalpur	30-Nov-75	12.31
Old Brahmaputra	SW225	Jamalpur	01-Dec-75	12.27
Old Brahmaputra	SW225	Jamalpur	02-Dec-75	12.24
Old Brahmaputra	SW225	Jamalpur	03-Dec-75	12.22
Old Brahmaputra	SW225	Jamalpur	04-Dec-75	12.16
Old Brahmaputra	SW225	Jamalpur	05-Dec-75	12.16
Old Brahmaputra	SW225	Jamalpur	06-Dec-75	12.16
Old Brahmaputra	SW225	Jamalpur	07-Dec-75	12.13
Old Brahmaputra	SW225	Jamalpur	08-Dec-75	12.1
Old Brahmaputra	SW225	Jamalpur	09-Dec-75	12.09
Old Brahmaputra	SW225	Jamalpur	10-Dec-75	12.07
Old Brahmaputra	SW225	Jamalpur	11-Dec-75	12.06
Old Brahmaputra	SW225	Jamalpur	12-Dec-75	12.04
Old Brahmaputra	SW225	Jamalpur	13-Dec-75	12.02
Old Brahmaputra	SW225	Jamalpur	14-Dec-75	12.01
Old Brahmaputra	SW225	Jamalpur	15-Dec-75	11.99
Old Brahmaputra	SW225	Jamalpur	16-Dec-75	11.98
Old Brahmaputra	SW225	Jamalpur	17-Dec-75	11.98
Old Brahmaputra	SW225	Jamalpur	18-Dec-75	11.98
Old Brahmaputra	SW225	Jamalpur	19-Dec-75	11.97
Old Brahmaputra	SW225	Jamalpur	20-Dec-75	11.95
Old Brahmaputra	SW225	Jamalpur	21-Dec-75	11.95
Old Brahmaputra	SW225	Jamalpur	22-Dec-75	11.93
Old Brahmaputra	SW225	Jamalpur	23-Dec-75	11.91
Old Brahmaputra	SW225	Jamalpur	24-Dec-75	11.91
Old Brahmaputra	SW225	Jamalpur	25-Dec-75	11.91
Old Brahmaputra	SW225	Jamalpur	26-Dec-75	11.91
Old Brahmaputra	SW225	Jamalpur	27-Dec-75	11.91
Old Brahmaputra	SW225	Jamalpur	28-Dec-75	11.91
Old Brahmaputra	SW225	Jamalpur	29-Dec-75	11.91
Old Brahmaputra	SW225	Jamalpur	30-Dec-75	11.9
Old Brahmaputra	SW225	Jamalpur	31-Dec-75	11.9
Old Brahmaputra	SW225	Jamalpur	01-Jan-76	11.9
Old Brahmaputra	SW225	Jamalpur	02-Jan-76	11.89
Old Brahmaputra	SW225	Jamalpur	03-Jan-76	11.89
Old Brahmaputra	SW225	Jamalpur	04-Jan-76	11.89
Old Brahmaputra	SW225	Jamalpur	05-Jan-76	11.89
Old Brahmaputra	SW225	Jamalpur	06-Jan-76	11.89
Old Brahmaputra	SW225	Jamalpur	07-Jan-76	11.89
Old Brahmaputra	SW225	Jamalpur	08-Jan-76	11.89
Old Brahmaputra	SW225	Jamalpur	09-Jan-76	11.87
Old Brahmaputra	SW225	Jamalpur	10-Jan-76	11.87
Old Brahmaputra	SW225	Jamalpur	11-Jan-76	11.87
Old Brahmaputra	SW225	Jamalpur	12-Jan-76	11.87
Old Brahmaputra	SW225	Jamalpur	13-Jan-76	11.87
Old Brahmaputra	SW225	Jamalpur	14-Jan-76	11.85

Old Brahmaputra	SW225	Jamalpur	15-Jan-76	11.85
Old Brahmaputra	SW225	Jamalpur	16-Jan-76	11.85
Old Brahmaputra	SW225	Jamalpur	17-Jan-76	11.85
Old Brahmaputra	SW225	Jamalpur	18-Jan-76	11.84
Old Brahmaputra	SW225	Jamalpur	19-Jan-76	11.84
Old Brahmaputra	SW225	Jamalpur	20-Jan-76	11.84
Old Brahmaputra	SW225	Jamalpur	21-Jan-76	11.84
Old Brahmaputra	SW225	Jamalpur	22-Jan-76	11.84
Old Brahmaputra	SW225	Jamalpur	23-Jan-76	11.82
Old Brahmaputra	SW225	Jamalpur	24-Jan-76	11.82
Old Brahmaputra	SW225	Jamalpur	25-Jan-76	11.82
Old Brahmaputra	SW225	Jamalpur	26-Jan-76	11.82
Old Brahmaputra	SW225	Jamalpur	27-Jan-76	11.82
Old Brahmaputra	SW225	Jamalpur	28-Jan-76	11.82
Old Brahmaputra	SW225	Jamalpur	29-Jan-76	11.82
Old Brahmaputra	SW225	Jamalpur	30-Jan-76	11.82
Old Brahmaputra	SW225	Jamalpur	31-Jan-76	11.81
Old Brahmaputra	SW225	Jamalpur	01-Feb-76	11.81
Old Brahmaputra	SW225	Jamalpur	02-Feb-76	11.81
Old Brahmaputra	SW225	Jamalpur	03-Feb-76	11.81
Old Brahmaputra	SW225	Jamalpur	04-Feb-76	11.81
Old Brahmaputra	SW225	Jamalpur	05-Feb-76	11.81
Old Brahmaputra	SW225	Jamalpur	06-Feb-76	11.81
Old Brahmaputra	SW225	Jamalpur	07-Feb-76	11.81
Old Brahmaputra	SW225	Jamalpur	08-Feb-76	11.81
Old Brahmaputra	SW225	Jamalpur	09-Feb-76	11.81
Old Brahmaputra	SW225	Jamalpur	10-Feb-76	11.81
Old Brahmaputra	SW225	Jamalpur	11-Feb-76	11.8
Old Brahmaputra	SW225	Jamalpur	12-Feb-76	11.8
Old Brahmaputra	SW225	Jamalpur	13-Feb-76	11.8
Old Brahmaputra	SW225	Jamalpur	14-Feb-76	11.8
Old Brahmaputra	SW225	Jamalpur	15-Feb-76	11.8
Old Brahmaputra	SW225	Jamalpur	16-Feb-76	11.8
Old Brahmaputra	SW225	Jamalpur	17-Feb-76	11.8
Old Brahmaputra	SW225	Jamalpur	18-Feb-76	11.8
Old Brahmaputra	SW225	Jamalpur	19-Feb-76	11.8
Old Brahmaputra	SW225	Jamalpur	20-Feb-76	11.78
Old Brahmaputra	SW225	Jamalpur	21-Feb-76	11.78
Old Brahmaputra	SW225	Jamalpur	22-Feb-76	11.78
Old Brahmaputra	SW225	Jamalpur	23-Feb-76	11.78
Old Brahmaputra	SW225	Jamalpur	24-Feb-76	11.78
Old Brahmaputra	SW225	Jamalpur	25-Feb-76	11.78
Old Brahmaputra	SW225	Jamalpur	26-Feb-76	11.78
Old Brahmaputra	SW225	Jamalpur	27-Feb-76	11.77
Old Brahmaputra	SW225	Jamalpur	28-Feb-76	11.77
Old Brahmaputra	SW225	Jamalpur	29-Feb-76	11.78
Old Brahmaputra	SW225	Jamalpur	01-Mar-76	11.78
Old Brahmaputra	SW225	Jamalpur	02-Mar-76	11.78
Old Brahmaputra	SW225	Jamalpur	03-Mar-76	11.78
Old Brahmaputra	SW225	Jamalpur	04-Mar-76	11.78

Old Brahmaputra	SW225	Jamalpur	05-Mar-76	11.78
Old Brahmaputra	SW225	Jamalpur	06-Mar-76	11.78
Old Brahmaputra	SW225	Jamalpur	07-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	08-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	09-Mar-76	11.78
Old Brahmaputra	SW225	Jamalpur	10-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	11-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	12-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	13-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	14-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	15-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	16-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	17-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	18-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	19-Mar-76	11.77
Old Brahmaputra	SW225	Jamalpur	20-Mar-76	11.75
Old Brahmaputra	SW225	Jamalpur	21-Mar-76	11.75
Old Brahmaputra	SW225	Jamalpur	22-Mar-76	11.73
Old Brahmaputra	SW225	Jamalpur	23-Mar-76	11.73
Old Brahmaputra	SW225	Jamalpur	24-Mar-76	11.73
Old Brahmaputra	SW225	Jamalpur	25-Mar-76	11.73
Old Brahmaputra	SW225	Jamalpur	26-Mar-76	11.73
Old Brahmaputra	SW225	Jamalpur	27-Mar-76	11.73
Old Brahmaputra	SW225	Jamalpur	28-Mar-76	11.73
Old Brahmaputra	SW225	Jamalpur	29-Mar-76	11.73
Old Brahmaputra	SW225	Jamalpur	30-Mar-76	11.73
Old Brahmaputra	SW225	Jamalpur	31-Mar-76	11.73
Old Brahmaputra	SW225	Jamalpur	01-Apr-76	11.73
Old Brahmaputra	SW225	Jamalpur	02-Apr-76	11.73
Old Brahmaputra	SW225	Jamalpur	03-Apr-76	11.72
Old Brahmaputra	SW225	Jamalpur	04-Apr-76	11.72
Old Brahmaputra	SW225	Jamalpur	05-Apr-76	11.72
Old Brahmaputra	SW225	Jamalpur	06-Apr-76	11.72
Old Brahmaputra	SW225	Jamalpur	07-Apr-76	11.72
Old Brahmaputra	SW225	Jamalpur	08-Apr-76	11.7
Old Brahmaputra	SW225	Jamalpur	09-Apr-76	11.7
Old Brahmaputra	SW225	Jamalpur	10-Apr-76	11.7
Old Brahmaputra	SW225	Jamalpur	11-Apr-76	11.7
Old Brahmaputra	SW225	Jamalpur	12-Apr-76	11.73
Old Brahmaputra	SW225	Jamalpur	13-Apr-76	11.76
Old Brahmaputra	SW225	Jamalpur	14-Apr-76	11.78
Old Brahmaputra	SW225	Jamalpur	15-Apr-76	11.77
Old Brahmaputra	SW225	Jamalpur	16-Apr-76	11.73
Old Brahmaputra	SW225	Jamalpur	17-Apr-76	11.72
Old Brahmaputra	SW225	Jamalpur	18-Apr-76	11.85
Old Brahmaputra	SW225	Jamalpur	19-Apr-76	12.1
Old Brahmaputra	SW225	Jamalpur	20-Apr-76	12.23
Old Brahmaputra	SW225	Jamalpur	21-Apr-76	12.35
Old Brahmaputra	SW225	Jamalpur	22-Apr-76	12.36
Old Brahmaputra	SW225	Jamalpur	23-Apr-76	12.32

Old Brahmaputra	SW225	Jamalpur	24-Apr-76	12.3
Old Brahmaputra	SW225	Jamalpur	25-Apr-76	12.28
Old Brahmaputra	SW225	Jamalpur	26-Apr-76	12.35
Old Brahmaputra	SW225	Jamalpur	27-Apr-76	12.35
Old Brahmaputra	SW225	Jamalpur	28-Apr-76	12.23
Old Brahmaputra	SW225	Jamalpur	29-Apr-76	12.31
Old Brahmaputra	SW225	Jamalpur	30-Apr-76	12.35
Old Brahmaputra	SW225	Jamalpur	01-May-76	12.35
Old Brahmaputra	SW225	Jamalpur	02-May-76	12.43
Old Brahmaputra	SW225	Jamalpur	03-May-76	12.52
Old Brahmaputra	SW225	Jamalpur	04-May-76	12.62
Old Brahmaputra	SW225	Jamalpur	05-May-76	12.74
Old Brahmaputra	SW225	Jamalpur	06-May-76	12.81
Old Brahmaputra	SW225	Jamalpur	07-May-76	12.9
Old Brahmaputra	SW225	Jamalpur	08-May-76	13.02
Old Brahmaputra	SW225	Jamalpur	09-May-76	13.11
Old Brahmaputra	SW225	Jamalpur	10-May-76	13.15
Old Brahmaputra	SW225	Jamalpur	11-May-76	13.16
Old Brahmaputra	SW225	Jamalpur	12-May-76	13.18
Old Brahmaputra	SW225	Jamalpur	13-May-76	13.11
Old Brahmaputra	SW225	Jamalpur	14-May-76	13.22
Old Brahmaputra	SW225	Jamalpur	15-May-76	13.11
Old Brahmaputra	SW225	Jamalpur	16-May-76	13.1
Old Brahmaputra	SW225	Jamalpur	17-May-76	13.1
Old Brahmaputra	SW225	Jamalpur	18-May-76	13.1
Old Brahmaputra	SW225	Jamalpur	19-May-76	13.07
Old Brahmaputra	SW225	Jamalpur	20-May-76	13.02
Old Brahmaputra	SW225	Jamalpur	21-May-76	12.93
Old Brahmaputra	SW225	Jamalpur	22-May-76	12.91
Old Brahmaputra	SW225	Jamalpur	23-May-76	12.97
Old Brahmaputra	SW225	Jamalpur	24-May-76	12.99
Old Brahmaputra	SW225	Jamalpur	25-May-76	13.04
Old Brahmaputra	SW225	Jamalpur	26-May-76	13.16
Old Brahmaputra	SW225	Jamalpur	27-May-76	13.36
Old Brahmaputra	SW225	Jamalpur	28-May-76	13.35
Old Brahmaputra	SW225	Jamalpur	29-May-76	13.35
Old Brahmaputra	SW225	Jamalpur	30-May-76	13.24
Old Brahmaputra	SW225	Jamalpur	31-May-76	13.16
Old Brahmaputra	SW225	Jamalpur	01-Jun-76	13.22
Old Brahmaputra	SW225	Jamalpur	02-Jun-76	13.35
Old Brahmaputra	SW225	Jamalpur	03-Jun-76	13.44
Old Brahmaputra	SW225	Jamalpur	04-Jun-76	13.52
Old Brahmaputra	SW225	Jamalpur	05-Jun-76	13.84
Old Brahmaputra	SW225	Jamalpur	06-Jun-76	13.85
Old Brahmaputra	SW225	Jamalpur	07-Jun-76	13.91
Old Brahmaputra	SW225	Jamalpur	08-Jun-76	14.02
Old Brahmaputra	SW225	Jamalpur	09-Jun-76	14.14
Old Brahmaputra	SW225	Jamalpur	10-Jun-76	14.34
Old Brahmaputra	SW225	Jamalpur	11-Jun-76	14.41
Old Brahmaputra	SW225	Jamalpur	12-Jun-76	14.7

Old Brahmaputra	SW225	Jamalpur	13-Jun-76	14.9
Old Brahmaputra	SW225	Jamalpur	14-Jun-76	15.24
Old Brahmaputra	SW225	Jamalpur	15-Jun-76	15.5
Old Brahmaputra	SW225	Jamalpur	16-Jun-76	15.72
Old Brahmaputra	SW225	Jamalpur	17-Jun-76	16
Old Brahmaputra	SW225	Jamalpur	18-Jun-76	16.23
Old Brahmaputra	SW225	Jamalpur	19-Jun-76	16.44
Old Brahmaputra	SW225	Jamalpur	20-Jun-76	16.52
Old Brahmaputra	SW225	Jamalpur	21-Jun-76	16.44
Old Brahmaputra	SW225	Jamalpur	22-Jun-76	16.31
Old Brahmaputra	SW225	Jamalpur	23-Jun-76	16.1
Old Brahmaputra	SW225	Jamalpur	24-Jun-76	15.88
Old Brahmaputra	SW225	Jamalpur	25-Jun-76	15.6
Old Brahmaputra	SW225	Jamalpur	26-Jun-76	15.55
Old Brahmaputra	SW225	Jamalpur	27-Jun-76	15.46
Old Brahmaputra	SW225	Jamalpur	28-Jun-76	15.39
Old Brahmaputra	SW225	Jamalpur	29-Jun-76	15.38
Old Brahmaputra	SW225	Jamalpur	30-Jun-76	15.56
Old Brahmaputra	SW225	Jamalpur	01-Jul-76	15.84
Old Brahmaputra	SW225	Jamalpur	02-Jul-76	16.09
Old Brahmaputra	SW225	Jamalpur	03-Jul-76	16.49
Old Brahmaputra	SW225	Jamalpur	04-Jul-76	16.83
Old Brahmaputra	SW225	Jamalpur	05-Jul-76	17.1
Old Brahmaputra	SW225	Jamalpur	06-Jul-76	17.17
Old Brahmaputra	SW225	Jamalpur	07-Jul-76	17.22
Old Brahmaputra	SW225	Jamalpur	08-Jul-76	17.15
Old Brahmaputra	SW225	Jamalpur	09-Jul-76	17.07
Old Brahmaputra	SW225	Jamalpur	10-Jul-76	16.96
Old Brahmaputra	SW225	Jamalpur	11-Jul-76	16.83
Old Brahmaputra	SW225	Jamalpur	12-Jul-76	16.81
Old Brahmaputra	SW225	Jamalpur	13-Jul-76	16.75
Old Brahmaputra	SW225	Jamalpur	14-Jul-76	16.7
Old Brahmaputra	SW225	Jamalpur	15-Jul-76	16.66
Old Brahmaputra	SW225	Jamalpur	16-Jul-76	16.59
Old Brahmaputra	SW225	Jamalpur	17-Jul-76	16.47
Old Brahmaputra	SW225	Jamalpur	18-Jul-76	16.42
Old Brahmaputra	SW225	Jamalpur	19-Jul-76	16.4
Old Brahmaputra	SW225	Jamalpur	20-Jul-76	16.43
Old Brahmaputra	SW225	Jamalpur	21-Jul-76	16.41
Old Brahmaputra	SW225	Jamalpur	22-Jul-76	16.29
Old Brahmaputra	SW225	Jamalpur	23-Jul-76	16.16
Old Brahmaputra	SW225	Jamalpur	24-Jul-76	16.07
Old Brahmaputra	SW225	Jamalpur	25-Jul-76	15.86
Old Brahmaputra	SW225	Jamalpur	26-Jul-76	15.69
Old Brahmaputra	SW225	Jamalpur	27-Jul-76	15.54
Old Brahmaputra	SW225	Jamalpur	28-Jul-76	15.38
Old Brahmaputra	SW225	Jamalpur	29-Jul-76	15.23
Old Brahmaputra	SW225	Jamalpur	30-Jul-76	15.07
Old Brahmaputra	SW225	Jamalpur	31-Jul-76	14.94
Old Brahmaputra	SW225	Jamalpur	01-Aug-76	14.89

Old Brahmaputra	SW225	Jamalpur	02-Aug-76	14.84
Old Brahmaputra	SW225	Jamalpur	03-Aug-76	14.81
Old Brahmaputra	SW225	Jamalpur	04-Aug-76	14.84
Old Brahmaputra	SW225	Jamalpur	05-Aug-76	15.12
Old Brahmaputra	SW225	Jamalpur	06-Aug-76	15.3
Old Brahmaputra	SW225	Jamalpur	07-Aug-76	15.47
Old Brahmaputra	SW225	Jamalpur	08-Aug-76	15.62
Old Brahmaputra	SW225	Jamalpur	09-Aug-76	15.76
Old Brahmaputra	SW225	Jamalpur	10-Aug-76	15.84
Old Brahmaputra	SW225	Jamalpur	11-Aug-76	15.9
Old Brahmaputra	SW225	Jamalpur	12-Aug-76	15.95
Old Brahmaputra	SW225	Jamalpur	13-Aug-76	16.02
Old Brahmaputra	SW225	Jamalpur	14-Aug-76	16.02
Old Brahmaputra	SW225	Jamalpur	15-Aug-76	16.03
Old Brahmaputra	SW225	Jamalpur	16-Aug-76	16
Old Brahmaputra	SW225	Jamalpur	17-Aug-76	15.98
Old Brahmaputra	SW225	Jamalpur	18-Aug-76	15.97
Old Brahmaputra	SW225	Jamalpur	19-Aug-76	15.98
Old Brahmaputra	SW225	Jamalpur	20-Aug-76	16.02
Old Brahmaputra	SW225	Jamalpur	21-Aug-76	16.08
Old Brahmaputra	SW225	Jamalpur	22-Aug-76	16.25
Old Brahmaputra	SW225	Jamalpur	23-Aug-76	16.35
Old Brahmaputra	SW225	Jamalpur	24-Aug-76	16.43
Old Brahmaputra	SW225	Jamalpur	25-Aug-76	16.5
Old Brahmaputra	SW225	Jamalpur	26-Aug-76	16.52
Old Brahmaputra	SW225	Jamalpur	27-Aug-76	16.48
Old Brahmaputra	SW225	Jamalpur	28-Aug-76	16.42
Old Brahmaputra	SW225	Jamalpur	29-Aug-76	16.35
Old Brahmaputra	SW225	Jamalpur	30-Aug-76	16.27
Old Brahmaputra	SW225	Jamalpur	31-Aug-76	16.23
Old Brahmaputra	SW225	Jamalpur	01-Sep-76	16.17
Old Brahmaputra	SW225	Jamalpur	02-Sep-76	16.11
Old Brahmaputra	SW225	Jamalpur	03-Sep-76	16
Old Brahmaputra	SW225	Jamalpur	04-Sep-76	15.88
Old Brahmaputra	SW225	Jamalpur	05-Sep-76	15.79
Old Brahmaputra	SW225	Jamalpur	06-Sep-76	15.66
Old Brahmaputra	SW225	Jamalpur	07-Sep-76	15.57
Old Brahmaputra	SW225	Jamalpur	08-Sep-76	15.52
Old Brahmaputra	SW225	Jamalpur	09-Sep-76	15.52
Old Brahmaputra	SW225	Jamalpur	10-Sep-76	15.5
Old Brahmaputra	SW225	Jamalpur	11-Sep-76	15.48
Old Brahmaputra	SW225	Jamalpur	12-Sep-76	15.38
Old Brahmaputra	SW225	Jamalpur	13-Sep-76	15.3
Old Brahmaputra	SW225	Jamalpur	14-Sep-76	15.23
Old Brahmaputra	SW225	Jamalpur	15-Sep-76	15.16
Old Brahmaputra	SW225	Jamalpur	16-Sep-76	15.07
Old Brahmaputra	SW225	Jamalpur	17-Sep-76	15.01
Old Brahmaputra	SW225	Jamalpur	18-Sep-76	14.92
Old Brahmaputra	SW225	Jamalpur	19-Sep-76	14.85
Old Brahmaputra	SW225	Jamalpur	20-Sep-76	14.85

Old Brahmaputra	SW225	Jamalpur	21-Sep-76	14.87
Old Brahmaputra	SW225	Jamalpur	22-Sep-76	14.97
Old Brahmaputra	SW225	Jamalpur	23-Sep-76	14.99
Old Brahmaputra	SW225	Jamalpur	24-Sep-76	14.97
Old Brahmaputra	SW225	Jamalpur	25-Sep-76	14.95
Old Brahmaputra	SW225	Jamalpur	26-Sep-76	14.86
Old Brahmaputra	SW225	Jamalpur	27-Sep-76	14.8
Old Brahmaputra	SW225	Jamalpur	28-Sep-76	14.9
Old Brahmaputra	SW225	Jamalpur	29-Sep-76	14.77
Old Brahmaputra	SW225	Jamalpur	30-Sep-76	14.73
Old Brahmaputra	SW225	Jamalpur	01-Oct-76	14.72
Old Brahmaputra	SW225	Jamalpur	02-Oct-76	14.66
Old Brahmaputra	SW225	Jamalpur	03-Oct-76	14.54
Old Brahmaputra	SW225	Jamalpur	04-Oct-76	14.47
Old Brahmaputra	SW225	Jamalpur	05-Oct-76	14.43
Old Brahmaputra	SW225	Jamalpur	06-Oct-76	14.37
Old Brahmaputra	SW225	Jamalpur	07-Oct-76	14.31
Old Brahmaputra	SW225	Jamalpur	08-Oct-76	14.23
Old Brahmaputra	SW225	Jamalpur	09-Oct-76	14.18
Old Brahmaputra	SW225	Jamalpur	10-Oct-76	14.14
Old Brahmaputra	SW225	Jamalpur	11-Oct-76	14.1
Old Brahmaputra	SW225	Jamalpur	12-Oct-76	14.06
Old Brahmaputra	SW225	Jamalpur	13-Oct-76	13.97
Old Brahmaputra	SW225	Jamalpur	14-Oct-76	13.86
Old Brahmaputra	SW225	Jamalpur	15-Oct-76	13.84
Old Brahmaputra	SW225	Jamalpur	16-Oct-76	13.82
Old Brahmaputra	SW225	Jamalpur	17-Oct-76	13.81
Old Brahmaputra	SW225	Jamalpur	18-Oct-76	13.79
Old Brahmaputra	SW225	Jamalpur	19-Oct-76	13.74
Old Brahmaputra	SW225	Jamalpur	20-Oct-76	13.72
Old Brahmaputra	SW225	Jamalpur	21-Oct-76	13.73
Old Brahmaputra	SW225	Jamalpur	22-Oct-76	13.73
Old Brahmaputra	SW225	Jamalpur	23-Oct-76	13.63
Old Brahmaputra	SW225	Jamalpur	24-Oct-76	13.52
Old Brahmaputra	SW225	Jamalpur	25-Oct-76	13.48
Old Brahmaputra	SW225	Jamalpur	26-Oct-76	13.38
Old Brahmaputra	SW225	Jamalpur	27-Oct-76	13.25
Old Brahmaputra	SW225	Jamalpur	28-Oct-76	13.23
Old Brahmaputra	SW225	Jamalpur	29-Oct-76	13.16
Old Brahmaputra	SW225	Jamalpur	30-Oct-76	13.19
Old Brahmaputra	SW225	Jamalpur	31-Oct-76	13.19
Old Brahmaputra	SW225	Jamalpur	01-Nov-76	13.18
Old Brahmaputra	SW225	Jamalpur	02-Nov-76	13.12
Old Brahmaputra	SW225	Jamalpur	03-Nov-76	13.06
Old Brahmaputra	SW225	Jamalpur	04-Nov-76	12.98
Old Brahmaputra	SW225	Jamalpur	05-Nov-76	12.86
Old Brahmaputra	SW225	Jamalpur	06-Nov-76	12.78
Old Brahmaputra	SW225	Jamalpur	07-Nov-76	12.73
Old Brahmaputra	SW225	Jamalpur	08-Nov-76	12.71
Old Brahmaputra	SW225	Jamalpur	09-Nov-76	12.68

Old Brahmaputra	SW225	Jamalpur	10-Nov-76	12.65
Old Brahmaputra	SW225	Jamalpur	11-Nov-76	12.58
Old Brahmaputra	SW225	Jamalpur	12-Nov-76	12.55
Old Brahmaputra	SW225	Jamalpur	13-Nov-76	12.52
Old Brahmaputra	SW225	Jamalpur	14-Nov-76	12.49
Old Brahmaputra	SW225	Jamalpur	15-Nov-76	12.47
Old Brahmaputra	SW225	Jamalpur	16-Nov-76	12.45
Old Brahmaputra	SW225	Jamalpur	17-Nov-76	12.45
Old Brahmaputra	SW225	Jamalpur	18-Nov-76	12.44
Old Brahmaputra	SW225	Jamalpur	19-Nov-76	12.44
Old Brahmaputra	SW225	Jamalpur	20-Nov-76	12.4
Old Brahmaputra	SW225	Jamalpur	21-Nov-76	12.39
Old Brahmaputra	SW225	Jamalpur	22-Nov-76	12.39
Old Brahmaputra	SW225	Jamalpur	23-Nov-76	12.38
Old Brahmaputra	SW225	Jamalpur	24-Nov-76	12.36
Old Brahmaputra	SW225	Jamalpur	25-Nov-76	12.35
Old Brahmaputra	SW225	Jamalpur	26-Nov-76	12.34
Old Brahmaputra	SW225	Jamalpur	27-Nov-76	12.3
Old Brahmaputra	SW225	Jamalpur	28-Nov-76	12.26
Old Brahmaputra	SW225	Jamalpur	29-Nov-76	12.24
Old Brahmaputra	SW225	Jamalpur	30-Nov-76	12.22
Old Brahmaputra	SW225	Jamalpur	01-Dec-76	12.19
Old Brahmaputra	SW225	Jamalpur	02-Dec-76	12.19
Old Brahmaputra	SW225	Jamalpur	03-Dec-76	12.18
Old Brahmaputra	SW225	Jamalpur	04-Dec-76	12.16
Old Brahmaputra	SW225	Jamalpur	05-Dec-76	12.15
Old Brahmaputra	SW225	Jamalpur	06-Dec-76	12.15
Old Brahmaputra	SW225	Jamalpur	07-Dec-76	12.15
Old Brahmaputra	SW225	Jamalpur	08-Dec-76	12.2
Old Brahmaputra	SW225	Jamalpur	09-Dec-76	12.19
Old Brahmaputra	SW225	Jamalpur	10-Dec-76	12.16
Old Brahmaputra	SW225	Jamalpur	11-Dec-76	12.15
Old Brahmaputra	SW225	Jamalpur	12-Dec-76	12.13
Old Brahmaputra	SW225	Jamalpur	13-Dec-76	12.1
Old Brahmaputra	SW225	Jamalpur	14-Dec-76	12.09
Old Brahmaputra	SW225	Jamalpur	15-Dec-76	12.09
Old Brahmaputra	SW225	Jamalpur	16-Dec-76	12.09
Old Brahmaputra	SW225	Jamalpur	17-Dec-76	12.09
Old Brahmaputra	SW225	Jamalpur	18-Dec-76	12.09
Old Brahmaputra	SW225	Jamalpur	19-Dec-76	12.07
Old Brahmaputra	SW225	Jamalpur	20-Dec-76	12.06
Old Brahmaputra	SW225	Jamalpur	21-Dec-76	12.06
Old Brahmaputra	SW225	Jamalpur	22-Dec-76	12.06
Old Brahmaputra	SW225	Jamalpur	23-Dec-76	12.06
Old Brahmaputra	SW225	Jamalpur	24-Dec-76	12.06
Old Brahmaputra	SW225	Jamalpur	25-Dec-76	12.06
Old Brahmaputra	SW225	Jamalpur	26-Dec-76	12.06
Old Brahmaputra	SW225	Jamalpur	27-Dec-76	12.06
Old Brahmaputra	SW225	Jamalpur	28-Dec-76	12.05
Old Brahmaputra	SW225	Jamalpur	29-Dec-76	12.02

Old Brahmaputra	SW225	Jamalpur	30-Dec-76	12.02
Old Brahmaputra	SW225	Jamalpur	31-Dec-76	12.01
Old Brahmaputra	SW225	Jamalpur	01-Jan-77	12.01
Old Brahmaputra	SW225	Jamalpur	02-Jan-77	12.01
Old Brahmaputra	SW225	Jamalpur	03-Jan-77	12.01
Old Brahmaputra	SW225	Jamalpur	04-Jan-77	12.01
Old Brahmaputra	SW225	Jamalpur	05-Jan-77	12.01
Old Brahmaputra	SW225	Jamalpur	06-Jan-77	11.99
Old Brahmaputra	SW225	Jamalpur	07-Jan-77	11.99
Old Brahmaputra	SW225	Jamalpur	08-Jan-77	11.99
Old Brahmaputra	SW225	Jamalpur	09-Jan-77	11.98
Old Brahmaputra	SW225	Jamalpur	10-Jan-77	11.98
Old Brahmaputra	SW225	Jamalpur	11-Jan-77	11.98
Old Brahmaputra	SW225	Jamalpur	12-Jan-77	11.97
Old Brahmaputra	SW225	Jamalpur	13-Jan-77	11.97
Old Brahmaputra	SW225	Jamalpur	14-Jan-77	11.97
Old Brahmaputra	SW225	Jamalpur	15-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	16-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	17-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	18-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	19-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	20-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	21-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	22-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	23-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	24-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	25-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	26-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	27-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	28-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	29-Jan-77	11.95
Old Brahmaputra	SW225	Jamalpur	30-Jan-77	11.93
Old Brahmaputra	SW225	Jamalpur	31-Jan-77	11.93
Old Brahmaputra	SW225	Jamalpur	01-Feb-77	11.93
Old Brahmaputra	SW225	Jamalpur	02-Feb-77	11.93
Old Brahmaputra	SW225	Jamalpur	03-Feb-77	11.93
Old Brahmaputra	SW225	Jamalpur	04-Feb-77	11.93
Old Brahmaputra	SW225	Jamalpur	05-Feb-77	11.93
Old Brahmaputra	SW225	Jamalpur	06-Feb-77	11.93
Old Brahmaputra	SW225	Jamalpur	07-Feb-77	11.91
Old Brahmaputra	SW225	Jamalpur	08-Feb-77	11.91
Old Brahmaputra	SW225	Jamalpur	09-Feb-77	11.91
Old Brahmaputra	SW225	Jamalpur	10-Feb-77	11.91
Old Brahmaputra	SW225	Jamalpur	11-Feb-77	11.91
Old Brahmaputra	SW225	Jamalpur	12-Feb-77	11.91
Old Brahmaputra	SW225	Jamalpur	13-Feb-77	11.91
Old Brahmaputra	SW225	Jamalpur	14-Feb-77	11.91
Old Brahmaputra	SW225	Jamalpur	15-Feb-77	11.91
Old Brahmaputra	SW225	Jamalpur	16-Feb-77	11.91
Old Brahmaputra	SW225	Jamalpur	17-Feb-77	11.91

Old Brahmaputra	SW225	Jamalpur	18-Feb-77	11.9
Old Brahmaputra	SW225	Jamalpur	19-Feb-77	11.9
Old Brahmaputra	SW225	Jamalpur	20-Feb-77	11.9
Old Brahmaputra	SW225	Jamalpur	21-Feb-77	11.89
Old Brahmaputra	SW225	Jamalpur	22-Feb-77	11.89
Old Brahmaputra	SW225	Jamalpur	23-Feb-77	11.89
Old Brahmaputra	SW225	Jamalpur	24-Feb-77	11.9
Old Brahmaputra	SW225	Jamalpur	25-Feb-77	11.9
Old Brahmaputra	SW225	Jamalpur	26-Feb-77	11.9
Old Brahmaputra	SW225	Jamalpur	27-Feb-77	11.9
Old Brahmaputra	SW225	Jamalpur	28-Feb-77	11.9
Old Brahmaputra	SW225	Jamalpur	01-Mar-77	11.9
Old Brahmaputra	SW225	Jamalpur	02-Mar-77	11.89
Old Brahmaputra	SW225	Jamalpur	03-Mar-77	11.89
Old Brahmaputra	SW225	Jamalpur	04-Mar-77	11.89
Old Brahmaputra	SW225	Jamalpur	05-Mar-77	11.89
Old Brahmaputra	SW225	Jamalpur	06-Mar-77	11.89
Old Brahmaputra	SW225	Jamalpur	07-Mar-77	11.87
Old Brahmaputra	SW225	Jamalpur	08-Mar-77	11.87
Old Brahmaputra	SW225	Jamalpur	09-Mar-77	11.87
Old Brahmaputra	SW225	Jamalpur	10-Mar-77	11.87
Old Brahmaputra	SW225	Jamalpur	11-Mar-77	11.89
Old Brahmaputra	SW225	Jamalpur	12-Mar-77	11.89
Old Brahmaputra	SW225	Jamalpur	13-Mar-77	11.89
Old Brahmaputra	SW225	Jamalpur	14-Mar-77	11.89
Old Brahmaputra	SW225	Jamalpur	15-Mar-77	11.89
Old Brahmaputra	SW225	Jamalpur	16-Mar-77	11.87
Old Brahmaputra	SW225	Jamalpur	17-Mar-77	11.87
Old Brahmaputra	SW225	Jamalpur	18-Mar-77	11.87
Old Brahmaputra	SW225	Jamalpur	19-Mar-77	11.87
Old Brahmaputra	SW225	Jamalpur	20-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	21-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	22-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	23-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	24-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	25-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	26-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	27-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	28-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	29-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	30-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	31-Mar-77	11.85
Old Brahmaputra	SW225	Jamalpur	01-Apr-77	11.85
Old Brahmaputra	SW225	Jamalpur	02-Apr-77	11.85
Old Brahmaputra	SW225	Jamalpur	03-Apr-77	11.84
Old Brahmaputra	SW225	Jamalpur	04-Apr-77	11.84
Old Brahmaputra	SW225	Jamalpur	05-Apr-77	11.84
Old Brahmaputra	SW225	Jamalpur	06-Apr-77	11.85
Old Brahmaputra	SW225	Jamalpur	07-Apr-77	11.85
Old Brahmaputra	SW225	Jamalpur	08-Apr-77	11.89

Old Brahmaputra	SW225	Jamalpur	09-Apr-77	11.9
Old Brahmaputra	SW225	Jamalpur	10-Apr-77	12.1
Old Brahmaputra	SW225	Jamalpur	11-Apr-77	12.28
Old Brahmaputra	SW225	Jamalpur	12-Apr-77	12.47
Old Brahmaputra	SW225	Jamalpur	13-Apr-77	12.74
Old Brahmaputra	SW225	Jamalpur	14-Apr-77	13.19
Old Brahmaputra	SW225	Jamalpur	15-Apr-77	13.44
Old Brahmaputra	SW225	Jamalpur	16-Apr-77	13.44
Old Brahmaputra	SW225	Jamalpur	17-Apr-77	13.32
Old Brahmaputra	SW225	Jamalpur	18-Apr-77	13.23
Old Brahmaputra	SW225	Jamalpur	19-Apr-77	13.16
Old Brahmaputra	SW225	Jamalpur	20-Apr-77	13.1
Old Brahmaputra	SW225	Jamalpur	21-Apr-77	13.05
Old Brahmaputra	SW225	Jamalpur	22-Apr-77	12.99
Old Brahmaputra	SW225	Jamalpur	23-Apr-77	12.93
Old Brahmaputra	SW225	Jamalpur	24-Apr-77	12.93
Old Brahmaputra	SW225	Jamalpur	25-Apr-77	12.91
Old Brahmaputra	SW225	Jamalpur	26-Apr-77	12.89
Old Brahmaputra	SW225	Jamalpur	27-Apr-77	12.86
Old Brahmaputra	SW225	Jamalpur	28-Apr-77	12.88
Old Brahmaputra	SW225	Jamalpur	29-Apr-77	12.98
Old Brahmaputra	SW225	Jamalpur	30-Apr-77	13.1
Old Brahmaputra	SW225	Jamalpur	01-May-77	13.34
Old Brahmaputra	SW225	Jamalpur	02-May-77	13.63
Old Brahmaputra	SW225	Jamalpur	03-May-77	13.63
Old Brahmaputra	SW225	Jamalpur	04-May-77	14.3
Old Brahmaputra	SW225	Jamalpur	05-May-77	14.6
Old Brahmaputra	SW225	Jamalpur	06-May-77	14.75
Old Brahmaputra	SW225	Jamalpur	07-May-77	14.83
Old Brahmaputra	SW225	Jamalpur	08-May-77	14.75
Old Brahmaputra	SW225	Jamalpur	09-May-77	14.6
Old Brahmaputra	SW225	Jamalpur	10-May-77	14.43
Old Brahmaputra	SW225	Jamalpur	11-May-77	14.25
Old Brahmaputra	SW225	Jamalpur	12-May-77	14.13
Old Brahmaputra	SW225	Jamalpur	13-May-77	14.03
Old Brahmaputra	SW225	Jamalpur	14-May-77	13.9
Old Brahmaputra	SW225	Jamalpur	15-May-77	13.74
Old Brahmaputra	SW225	Jamalpur	16-May-77	13.68
Old Brahmaputra	SW225	Jamalpur	17-May-77	13.69
Old Brahmaputra	SW225	Jamalpur	18-May-77	13.7
Old Brahmaputra	SW225	Jamalpur	19-May-77	13.73
Old Brahmaputra	SW225	Jamalpur	20-May-77	13.76
Old Brahmaputra	SW225	Jamalpur	21-May-77	13.93
Old Brahmaputra	SW225	Jamalpur	22-May-77	14.1
Old Brahmaputra	SW225	Jamalpur	23-May-77	14.32
Old Brahmaputra	SW225	Jamalpur	24-May-77	14.47
Old Brahmaputra	SW225	Jamalpur	25-May-77	14.55
Old Brahmaputra	SW225	Jamalpur	26-May-77	14.34
Old Brahmaputra	SW225	Jamalpur	27-May-77	14.18
Old Brahmaputra	SW225	Jamalpur	28-May-77	14.08

Old Brahmaputra	SW225	Jamalpur	29-May-77	13.96
Old Brahmaputra	SW225	Jamalpur	30-May-77	13.87
Old Brahmaputra	SW225	Jamalpur	31-May-77	14.11
Old Brahmaputra	SW225	Jamalpur	01-Jun-77	14.32
Old Brahmaputra	SW225	Jamalpur	02-Jun-77	14.66
Old Brahmaputra	SW225	Jamalpur	03-Jun-77	14.9
Old Brahmaputra	SW225	Jamalpur	04-Jun-77	15.1
Old Brahmaputra	SW225	Jamalpur	05-Jun-77	15.36
Old Brahmaputra	SW225	Jamalpur	06-Jun-77	15.6
Old Brahmaputra	SW225	Jamalpur	07-Jun-77	15.77
Old Brahmaputra	SW225	Jamalpur	08-Jun-77	15.97
Old Brahmaputra	SW225	Jamalpur	09-Jun-77	16.19
Old Brahmaputra	SW225	Jamalpur	10-Jun-77	16.25
Old Brahmaputra	SW225	Jamalpur	11-Jun-77	16.23
Old Brahmaputra	SW225	Jamalpur	12-Jun-77	16.23
Old Brahmaputra	SW225	Jamalpur	13-Jun-77	16.17
Old Brahmaputra	SW225	Jamalpur	14-Jun-77	16.09
Old Brahmaputra	SW225	Jamalpur	15-Jun-77	16.01
Old Brahmaputra	SW225	Jamalpur	16-Jun-77	15.98
Old Brahmaputra	SW225	Jamalpur	17-Jun-77	16
Old Brahmaputra	SW225	Jamalpur	18-Jun-77	16.08
Old Brahmaputra	SW225	Jamalpur	19-Jun-77	16.27
Old Brahmaputra	SW225	Jamalpur	20-Jun-77	16.46
Old Brahmaputra	SW225	Jamalpur	21-Jun-77	16.57
Old Brahmaputra	SW225	Jamalpur	22-Jun-77	16.59
Old Brahmaputra	SW225	Jamalpur	23-Jun-77	16.57
Old Brahmaputra	SW225	Jamalpur	24-Jun-77	16.58
Old Brahmaputra	SW225	Jamalpur	25-Jun-77	16.58
Old Brahmaputra	SW225	Jamalpur	26-Jun-77	16.48
Old Brahmaputra	SW225	Jamalpur	27-Jun-77	16.4
Old Brahmaputra	SW225	Jamalpur	28-Jun-77	16.43
Old Brahmaputra	SW225	Jamalpur	29-Jun-77	16.26
Old Brahmaputra	SW225	Jamalpur	30-Jun-77	16.08
Old Brahmaputra	SW225	Jamalpur	01-Jul-77	15.95
Old Brahmaputra	SW225	Jamalpur	02-Jul-77	15.86
Old Brahmaputra	SW225	Jamalpur	03-Jul-77	15.77
Old Brahmaputra	SW225	Jamalpur	04-Jul-77	15.68
Old Brahmaputra	SW225	Jamalpur	05-Jul-77	15.65
Old Brahmaputra	SW225	Jamalpur	06-Jul-77	15.62
Old Brahmaputra	SW225	Jamalpur	07-Jul-77	15.62
Old Brahmaputra	SW225	Jamalpur	08-Jul-77	15.66
Old Brahmaputra	SW225	Jamalpur	09-Jul-77	15.69
Old Brahmaputra	SW225	Jamalpur	10-Jul-77	15.74
Old Brahmaputra	SW225	Jamalpur	11-Jul-77	15.8
Old Brahmaputra	SW225	Jamalpur	12-Jul-77	15.64
Old Brahmaputra	SW225	Jamalpur	13-Jul-77	16.13
Old Brahmaputra	SW225	Jamalpur	14-Jul-77	16.23
Old Brahmaputra	SW225	Jamalpur	15-Jul-77	16.33
Old Brahmaputra	SW225	Jamalpur	16-Jul-77	16.44
Old Brahmaputra	SW225	Jamalpur	17-Jul-77	16.53

Old Brahmaputra	SW225	Jamalpur	18-Jul-77	16.61
Old Brahmaputra	SW225	Jamalpur	19-Jul-77	16.68
Old Brahmaputra	SW225	Jamalpur	20-Jul-77	16.75
Old Brahmaputra	SW225	Jamalpur	21-Jul-77	16.73
Old Brahmaputra	SW225	Jamalpur	22-Jul-77	16.67
Old Brahmaputra	SW225	Jamalpur	23-Jul-77	16.62
Old Brahmaputra	SW225	Jamalpur	24-Jul-77	16.57
Old Brahmaputra	SW225	Jamalpur	25-Jul-77	16.53
Old Brahmaputra	SW225	Jamalpur	26-Jul-77	16.55
Old Brahmaputra	SW225	Jamalpur	27-Jul-77	16.59
Old Brahmaputra	SW225	Jamalpur	28-Jul-77	16.64
Old Brahmaputra	SW225	Jamalpur	29-Jul-77	16.66
Old Brahmaputra	SW225	Jamalpur	30-Jul-77	16.59
Old Brahmaputra	SW225	Jamalpur	31-Jul-77	16.59
Old Brahmaputra	SW225	Jamalpur	01-Aug-77	16.57
Old Brahmaputra	SW225	Jamalpur	02-Aug-77	16.57
Old Brahmaputra	SW225	Jamalpur	03-Aug-77	16.58
Old Brahmaputra	SW225	Jamalpur	04-Aug-77	16.58
Old Brahmaputra	SW225	Jamalpur	05-Aug-77	16.57
Old Brahmaputra	SW225	Jamalpur	06-Aug-77	16.57
Old Brahmaputra	SW225	Jamalpur	07-Aug-77	16.55
Old Brahmaputra	SW225	Jamalpur	08-Aug-77	16.53
Old Brahmaputra	SW225	Jamalpur	09-Aug-77	16.5
Old Brahmaputra	SW225	Jamalpur	10-Aug-77	16.47
Old Brahmaputra	SW225	Jamalpur	11-Aug-77	16.43
Old Brahmaputra	SW225	Jamalpur	12-Aug-77	16.38
Old Brahmaputra	SW225	Jamalpur	13-Aug-77	16.43
Old Brahmaputra	SW225	Jamalpur	14-Aug-77	16.48
Old Brahmaputra	SW225	Jamalpur	15-Aug-77	16.58
Old Brahmaputra	SW225	Jamalpur	16-Aug-77	16.7
Old Brahmaputra	SW225	Jamalpur	17-Aug-77	16.79
Old Brahmaputra	SW225	Jamalpur	18-Aug-77	16.83
Old Brahmaputra	SW225	Jamalpur	19-Aug-77	16.9
Old Brahmaputra	SW225	Jamalpur	20-Aug-77	17.03
Old Brahmaputra	SW225	Jamalpur	21-Aug-77	17.17
Old Brahmaputra	SW225	Jamalpur	22-Aug-77	17.25
Old Brahmaputra	SW225	Jamalpur	23-Aug-77	17.28
Old Brahmaputra	SW225	Jamalpur	24-Aug-77	17.25
Old Brahmaputra	SW225	Jamalpur	25-Aug-77	17.2
Old Brahmaputra	SW225	Jamalpur	26-Aug-77	17.15
Old Brahmaputra	SW225	Jamalpur	27-Aug-77	17.11
Old Brahmaputra	SW225	Jamalpur	28-Aug-77	17.13
Old Brahmaputra	SW225	Jamalpur	29-Aug-77	17.16
Old Brahmaputra	SW225	Jamalpur	30-Aug-77	17.18
Old Brahmaputra	SW225	Jamalpur	31-Aug-77	17.22
Old Brahmaputra	SW225	Jamalpur	01-Sep-77	17.24
Old Brahmaputra	SW225	Jamalpur	02-Sep-77	17.2
Old Brahmaputra	SW225	Jamalpur	03-Sep-77	17.16
Old Brahmaputra	SW225	Jamalpur	04-Sep-77	17.11
Old Brahmaputra	SW225	Jamalpur	05-Sep-77	17.02

Old Brahmaputra	SW225	Jamalpur	06-Sep-77	16.89
Old Brahmaputra	SW225	Jamalpur	07-Sep-77	16.76
Old Brahmaputra	SW225	Jamalpur	08-Sep-77	16.64
Old Brahmaputra	SW225	Jamalpur	09-Sep-77	16.5
Old Brahmaputra	SW225	Jamalpur	10-Sep-77	16.32
Old Brahmaputra	SW225	Jamalpur	11-Sep-77	16.11
Old Brahmaputra	SW225	Jamalpur	12-Sep-77	15.88
Old Brahmaputra	SW225	Jamalpur	13-Sep-77	15.69
Old Brahmaputra	SW225	Jamalpur	14-Sep-77	15.48
Old Brahmaputra	SW225	Jamalpur	15-Sep-77	15.35
Old Brahmaputra	SW225	Jamalpur	16-Sep-77	15.28
Old Brahmaputra	SW225	Jamalpur	17-Sep-77	15.32
Old Brahmaputra	SW225	Jamalpur	18-Sep-77	15.48
Old Brahmaputra	SW225	Jamalpur	19-Sep-77	15.31
Old Brahmaputra	SW225	Jamalpur	20-Sep-77	15.68
Old Brahmaputra	SW225	Jamalpur	21-Sep-77	15.79
Old Brahmaputra	SW225	Jamalpur	22-Sep-77	15.79
Old Brahmaputra	SW225	Jamalpur	23-Sep-77	15.85
Old Brahmaputra	SW225	Jamalpur	24-Sep-77	15.9
Old Brahmaputra	SW225	Jamalpur	25-Sep-77	15.76
Old Brahmaputra	SW225	Jamalpur	26-Sep-77	16.02
Old Brahmaputra	SW225	Jamalpur	27-Sep-77	16.03
Old Brahmaputra	SW225	Jamalpur	28-Sep-77	16.01
Old Brahmaputra	SW225	Jamalpur	29-Sep-77	15.88
Old Brahmaputra	SW225	Jamalpur	30-Sep-77	15.69
Old Brahmaputra	SW225	Jamalpur	01-Oct-77	15.53
Old Brahmaputra	SW225	Jamalpur	02-Oct-77	15.4
Old Brahmaputra	SW225	Jamalpur	03-Oct-77	15.33
Old Brahmaputra	SW225	Jamalpur	04-Oct-77	15.42
Old Brahmaputra	SW225	Jamalpur	05-Oct-77	15.59
Old Brahmaputra	SW225	Jamalpur	06-Oct-77	15.64
Old Brahmaputra	SW225	Jamalpur	07-Oct-77	15.7
Old Brahmaputra	SW225	Jamalpur	08-Oct-77	15.91
Old Brahmaputra	SW225	Jamalpur	09-Oct-77	15.99
Old Brahmaputra	SW225	Jamalpur	10-Oct-77	16.02
Old Brahmaputra	SW225	Jamalpur	11-Oct-77	16.05
Old Brahmaputra	SW225	Jamalpur	12-Oct-77	16.06
Old Brahmaputra	SW225	Jamalpur	13-Oct-77	15.99
Old Brahmaputra	SW225	Jamalpur	14-Oct-77	15.84
Old Brahmaputra	SW225	Jamalpur	15-Oct-77	15.59
Old Brahmaputra	SW225	Jamalpur	16-Oct-77	15.31
Old Brahmaputra	SW225	Jamalpur	17-Oct-77	15.09
Old Brahmaputra	SW225	Jamalpur	18-Oct-77	14.9
Old Brahmaputra	SW225	Jamalpur	19-Oct-77	14.75
Old Brahmaputra	SW225	Jamalpur	20-Oct-77	14.59
Old Brahmaputra	SW225	Jamalpur	21-Oct-77	14.47
Old Brahmaputra	SW225	Jamalpur	22-Oct-77	14.35
Old Brahmaputra	SW225	Jamalpur	23-Oct-77	14.26
Old Brahmaputra	SW225	Jamalpur	24-Oct-77	14.14
Old Brahmaputra	SW225	Jamalpur	25-Oct-77	14.02

Old Brahmaputra	SW225	Jamalpur	26-Oct-77	13.91
Old Brahmaputra	SW225	Jamalpur	27-Oct-77	13.85
Old Brahmaputra	SW225	Jamalpur	28-Oct-77	13.79
Old Brahmaputra	SW225	Jamalpur	29-Oct-77	13.76
Old Brahmaputra	SW225	Jamalpur	30-Oct-77	13.67
Old Brahmaputra	SW225	Jamalpur	31-Oct-77	13.61
Old Brahmaputra	SW225	Jamalpur	01-Nov-77	13.55
Old Brahmaputra	SW225	Jamalpur	02-Nov-77	13.48
Old Brahmaputra	SW225	Jamalpur	03-Nov-77	13.43
Old Brahmaputra	SW225	Jamalpur	04-Nov-77	13.36
Old Brahmaputra	SW225	Jamalpur	05-Nov-77	13.34
Old Brahmaputra	SW225	Jamalpur	06-Nov-77	13.32
Old Brahmaputra	SW225	Jamalpur	07-Nov-77	13.31
Old Brahmaputra	SW225	Jamalpur	08-Nov-77	13.24
Old Brahmaputra	SW225	Jamalpur	09-Nov-77	13.2
Old Brahmaputra	SW225	Jamalpur	10-Nov-77	13.18
Old Brahmaputra	SW225	Jamalpur	11-Nov-77	13.15
Old Brahmaputra	SW225	Jamalpur	12-Nov-77	13.16
Old Brahmaputra	SW225	Jamalpur	13-Nov-77	13.2
Old Brahmaputra	SW225	Jamalpur	14-Nov-77	13.16
Old Brahmaputra	SW225	Jamalpur	15-Nov-77	13.12
Old Brahmaputra	SW225	Jamalpur	16-Nov-77	13.06
Old Brahmaputra	SW225	Jamalpur	17-Nov-77	12.98
Old Brahmaputra	SW225	Jamalpur	18-Nov-77	12.9
Old Brahmaputra	SW225	Jamalpur	19-Nov-77	12.84
Old Brahmaputra	SW225	Jamalpur	20-Nov-77	12.78
Old Brahmaputra	SW225	Jamalpur	21-Nov-77	12.71
Old Brahmaputra	SW225	Jamalpur	22-Nov-77	12.61
Old Brahmaputra	SW225	Jamalpur	23-Nov-77	12.58
Old Brahmaputra	SW225	Jamalpur	24-Nov-77	12.55
Old Brahmaputra	SW225	Jamalpur	25-Nov-77	12.52
Old Brahmaputra	SW225	Jamalpur	26-Nov-77	12.49
Old Brahmaputra	SW225	Jamalpur	27-Nov-77	12.47
Old Brahmaputra	SW225	Jamalpur	28-Nov-77	12.44
Old Brahmaputra	SW225	Jamalpur	29-Nov-77	12.4
Old Brahmaputra	SW225	Jamalpur	30-Nov-77	12.38
Old Brahmaputra	SW225	Jamalpur	01-Dec-77	12.36
Old Brahmaputra	SW225	Jamalpur	02-Dec-77	12.35
Old Brahmaputra	SW225	Jamalpur	03-Dec-77	12.3
Old Brahmaputra	SW225	Jamalpur	04-Dec-77	12.3
Old Brahmaputra	SW225	Jamalpur	05-Dec-77	12.27
Old Brahmaputra	SW225	Jamalpur	06-Dec-77	12.24
Old Brahmaputra	SW225	Jamalpur	07-Dec-77	12.23
Old Brahmaputra	SW225	Jamalpur	08-Dec-77	12.23
Old Brahmaputra	SW225	Jamalpur	09-Dec-77	12.22
Old Brahmaputra	SW225	Jamalpur	10-Dec-77	12.19
Old Brahmaputra	SW225	Jamalpur	11-Dec-77	12.19
Old Brahmaputra	SW225	Jamalpur	12-Dec-77	12.18
Old Brahmaputra	SW225	Jamalpur	13-Dec-77	12.16
Old Brahmaputra	SW225	Jamalpur	14-Dec-77	12.15

Old Brahmaputra	SW225	Jamalpur	15-Dec-77	12.13
Old Brahmaputra	SW225	Jamalpur	16-Dec-77	12.1
Old Brahmaputra	SW225	Jamalpur	17-Dec-77	12.1
Old Brahmaputra	SW225	Jamalpur	18-Dec-77	12.09
Old Brahmaputra	SW225	Jamalpur	19-Dec-77	12.06
Old Brahmaputra	SW225	Jamalpur	20-Dec-77	12.04
Old Brahmaputra	SW225	Jamalpur	21-Dec-77	12.02
Old Brahmaputra	SW225	Jamalpur	22-Dec-77	12.02
Old Brahmaputra	SW225	Jamalpur	23-Dec-77	12.01
Old Brahmaputra	SW225	Jamalpur	24-Dec-77	11.99
Old Brahmaputra	SW225	Jamalpur	25-Dec-77	11.98
Old Brahmaputra	SW225	Jamalpur	26-Dec-77	11.97
Old Brahmaputra	SW225	Jamalpur	27-Dec-77	11.97
Old Brahmaputra	SW225	Jamalpur	28-Dec-77	11.95
Old Brahmaputra	SW225	Jamalpur	29-Dec-77	11.95
Old Brahmaputra	SW225	Jamalpur	30-Dec-77	11.93
Old Brahmaputra	SW225	Jamalpur	31-Dec-77	11.91
Old Brahmaputra	SW225	Jamalpur	01-Jan-78	11.91
Old Brahmaputra	SW225	Jamalpur	02-Jan-78	11.91
Old Brahmaputra	SW225	Jamalpur	03-Jan-78	11.91
Old Brahmaputra	SW225	Jamalpur	04-Jan-78	11.9
Old Brahmaputra	SW225	Jamalpur	05-Jan-78	11.9
Old Brahmaputra	SW225	Jamalpur	06-Jan-78	11.9
Old Brahmaputra	SW225	Jamalpur	07-Jan-78	11.89
Old Brahmaputra	SW225	Jamalpur	08-Jan-78	11.89
Old Brahmaputra	SW225	Jamalpur	09-Jan-78	11.89
Old Brahmaputra	SW225	Jamalpur	10-Jan-78	11.87
Old Brahmaputra	SW225	Jamalpur	11-Jan-78	11.87
Old Brahmaputra	SW225	Jamalpur	12-Jan-78	11.87
Old Brahmaputra	SW225	Jamalpur	13-Jan-78	11.88
Old Brahmaputra	SW225	Jamalpur	14-Jan-78	11.89
Old Brahmaputra	SW225	Jamalpur	15-Jan-78	11.89
Old Brahmaputra	SW225	Jamalpur	16-Jan-78	11.87
Old Brahmaputra	SW225	Jamalpur	17-Jan-78	11.87
Old Brahmaputra	SW225	Jamalpur	18-Jan-78	11.87
Old Brahmaputra	SW225	Jamalpur	19-Jan-78	11.87
Old Brahmaputra	SW225	Jamalpur	20-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	21-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	22-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	23-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	24-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	25-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	26-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	27-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	28-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	29-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	30-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	31-Jan-78	11.82
Old Brahmaputra	SW225	Jamalpur	01-Feb-78	11.82
Old Brahmaputra	SW225	Jamalpur	02-Feb-78	11.82

Old Brahmaputra	SW225	Jamalpur	25-Mar-78	11.73
Old Brahmaputra	SW225	Jamalpur	26-Mar-78	11.73
Old Brahmaputra	SW225	Jamalpur	27-Mar-78	11.73
Old Brahmaputra	SW225	Jamalpur	28-Mar-78	11.73
Old Brahmaputra	SW225	Jamalpur	29-Mar-78	11.72
Old Brahmaputra	SW225	Jamalpur	30-Mar-78	11.72
Old Brahmaputra	SW225	Jamalpur	31-Mar-78	11.72
Old Brahmaputra	SW225	Jamalpur	01-Apr-78	11.72
Old Brahmaputra	SW225	Jamalpur	02-Apr-78	11.7
Old Brahmaputra	SW225	Jamalpur	03-Apr-78	11.7
Old Brahmaputra	SW225	Jamalpur	04-Apr-78	11.7
Old Brahmaputra	SW225	Jamalpur	05-Apr-78	11.7
Old Brahmaputra	SW225	Jamalpur	06-Apr-78	11.7
Old Brahmaputra	SW225	Jamalpur	07-Apr-78	11.7
Old Brahmaputra	SW225	Jamalpur	08-Apr-78	11.7
Old Brahmaputra	SW225	Jamalpur	09-Apr-78	11.7
Old Brahmaputra	SW225	Jamalpur	10-Apr-78	11.7
Old Brahmaputra	SW225	Jamalpur	11-Apr-78	11.69
Old Brahmaputra	SW225	Jamalpur	12-Apr-78	11.69
Old Brahmaputra	SW225	Jamalpur	13-Apr-78	11.69
Old Brahmaputra	SW225	Jamalpur	14-Apr-78	11.72
Old Brahmaputra	SW225	Jamalpur	15-Apr-78	11.73
Old Brahmaputra	SW225	Jamalpur	16-Apr-78	11.75
Old Brahmaputra	SW225	Jamalpur	17-Apr-78	11.77
Old Brahmaputra	SW225	Jamalpur	18-Apr-78	11.8
Old Brahmaputra	SW225	Jamalpur	19-Apr-78	11.84
Old Brahmaputra	SW225	Jamalpur	20-Apr-78	11.84
Old Brahmaputra	SW225	Jamalpur	21-Apr-78	11.82
Old Brahmaputra	SW225	Jamalpur	22-Apr-78	11.85
Old Brahmaputra	SW225	Jamalpur	23-Apr-78	11.87
Old Brahmaputra	SW225	Jamalpur	24-Apr-78	11.9
Old Brahmaputra	SW225	Jamalpur	25-Apr-78	11.93
Old Brahmaputra	SW225	Jamalpur	26-Apr-78	12.04
Old Brahmaputra	SW225	Jamalpur	27-Apr-78	12.13
Old Brahmaputra	SW225	Jamalpur	28-Apr-78	12.19
Old Brahmaputra	SW225	Jamalpur	29-Apr-78	12.39
Old Brahmaputra	SW225	Jamalpur	30-Apr-78	12.47
Old Brahmaputra	SW225	Jamalpur	01-May-78	12.46
Old Brahmaputra	SW225	Jamalpur	02-May-78	12.42
Old Brahmaputra	SW225	Jamalpur	03-May-78	12.44
Old Brahmaputra	SW225	Jamalpur	04-May-78	12.48
Old Brahmaputra	SW225	Jamalpur	05-May-78	12.65
Old Brahmaputra	SW225	Jamalpur	06-May-78	12.59
Old Brahmaputra	SW225	Jamalpur	07-May-78	12.54
Old Brahmaputra	SW225	Jamalpur	08-May-78	12.51
Old Brahmaputra	SW225	Jamalpur	09-May-78	12.49
Old Brahmaputra	SW225	Jamalpur	10-May-78	12.49
Old Brahmaputra	SW225	Jamalpur	11-May-78	12.55
Old Brahmaputra	SW225	Jamalpur	12-May-78	12.59
Old Brahmaputra	SW225	Jamalpur	13-May-78	12.59

Old Brahmaputra	SW225	Jamalpur	14-May-78	12.57
Old Brahmaputra	SW225	Jamalpur	15-May-78	12.56
Old Brahmaputra	SW225	Jamalpur	16-May-78	12.59
Old Brahmaputra	SW225	Jamalpur	17-May-78	12.71
Old Brahmaputra	SW225	Jamalpur	18-May-78	12.73
Old Brahmaputra	SW225	Jamalpur	19-May-78	12.74
Old Brahmaputra	SW225	Jamalpur	20-May-78	12.77
Old Brahmaputra	SW225	Jamalpur	21-May-78	12.85
Old Brahmaputra	SW225	Jamalpur	22-May-78	12.97
Old Brahmaputra	SW225	Jamalpur	23-May-78	13.29
Old Brahmaputra	SW225	Jamalpur	24-May-78	13.48
Old Brahmaputra	SW225	Jamalpur	25-May-78	13.84
Old Brahmaputra	SW225	Jamalpur	26-May-78	14.18
Old Brahmaputra	SW225	Jamalpur	27-May-78	14.32
Old Brahmaputra	SW225	Jamalpur	28-May-78	14.29
Old Brahmaputra	SW225	Jamalpur	29-May-78	14.23
Old Brahmaputra	SW225	Jamalpur	30-May-78	14.22
Old Brahmaputra	SW225	Jamalpur	31-May-78	14.12
Old Brahmaputra	SW225	Jamalpur	01-Jun-78	13.99
Old Brahmaputra	SW225	Jamalpur	02-Jun-78	13.89
Old Brahmaputra	SW225	Jamalpur	03-Jun-78	13.94
Old Brahmaputra	SW225	Jamalpur	04-Jun-78	14.03
Old Brahmaputra	SW225	Jamalpur	05-Jun-78	14.16
Old Brahmaputra	SW225	Jamalpur	06-Jun-78	14.11
Old Brahmaputra	SW225	Jamalpur	07-Jun-78	14.03
Old Brahmaputra	SW225	Jamalpur	08-Jun-78	13.99
Old Brahmaputra	SW225	Jamalpur	09-Jun-78	14.03
Old Brahmaputra	SW225	Jamalpur	10-Jun-78	14.09
Old Brahmaputra	SW225	Jamalpur	11-Jun-78	14.14
Old Brahmaputra	SW225	Jamalpur	12-Jun-78	14.31
Old Brahmaputra	SW225	Jamalpur	13-Jun-78	14.72
Old Brahmaputra	SW225	Jamalpur	14-Jun-78	14.95
Old Brahmaputra	SW225	Jamalpur	15-Jun-78	15.07
Old Brahmaputra	SW225	Jamalpur	16-Jun-78	15.15
Old Brahmaputra	SW225	Jamalpur	17-Jun-78	15.3
Old Brahmaputra	SW225	Jamalpur	18-Jun-78	15.45
Old Brahmaputra	SW225	Jamalpur	19-Jun-78	15.51
Old Brahmaputra	SW225	Jamalpur	20-Jun-78	15.45
Old Brahmaputra	SW225	Jamalpur	21-Jun-78	15.34
Old Brahmaputra	SW225	Jamalpur	22-Jun-78	15.26
Old Brahmaputra	SW225	Jamalpur	23-Jun-78	15.23
Old Brahmaputra	SW225	Jamalpur	24-Jun-78	15.44
Old Brahmaputra	SW225	Jamalpur	25-Jun-78	15.64
Old Brahmaputra	SW225	Jamalpur	26-Jun-78	15.91
Old Brahmaputra	SW225	Jamalpur	27-Jun-78	16.11
Old Brahmaputra	SW225	Jamalpur	28-Jun-78	16.39
Old Brahmaputra	SW225	Jamalpur	29-Jun-78	16.66
Old Brahmaputra	SW225	Jamalpur	30-Jun-78	16.79
Old Brahmaputra	SW225	Jamalpur	01-Jul-78	16.81
Old Brahmaputra	SW225	Jamalpur	02-Jul-78	16.71

Old Brahmaputra	SW225	Jamalpur	03-Jul-78	16.52
Old Brahmaputra	SW225	Jamalpur	04-Jul-78	16.32
Old Brahmaputra	SW225	Jamalpur	05-Jul-78	16.17
Old Brahmaputra	SW225	Jamalpur	06-Jul-78	16.08
Old Brahmaputra	SW225	Jamalpur	07-Jul-78	16.08
Old Brahmaputra	SW225	Jamalpur	08-Jul-78	16.1
Old Brahmaputra	SW225	Jamalpur	09-Jul-78	16.13
Old Brahmaputra	SW225	Jamalpur	10-Jul-78	16.11
Old Brahmaputra	SW225	Jamalpur	11-Jul-78	16.08
Old Brahmaputra	SW225	Jamalpur	12-Jul-78	15.95
Old Brahmaputra	SW225	Jamalpur	13-Jul-78	15.77
Old Brahmaputra	SW225	Jamalpur	14-Jul-78	15.55
Old Brahmaputra	SW225	Jamalpur	15-Jul-78	15.39
Old Brahmaputra	SW225	Jamalpur	16-Jul-78	15.36
Old Brahmaputra	SW225	Jamalpur	17-Jul-78	15.57
Old Brahmaputra	SW225	Jamalpur	18-Jul-78	15.8
Old Brahmaputra	SW225	Jamalpur	19-Jul-78	15.86
Old Brahmaputra	SW225	Jamalpur	20-Jul-78	15.95
Old Brahmaputra	SW225	Jamalpur	21-Jul-78	16.05
Old Brahmaputra	SW225	Jamalpur	22-Jul-78	16.18
Old Brahmaputra	SW225	Jamalpur	23-Jul-78	16.24
Old Brahmaputra	SW225	Jamalpur	24-Jul-78	16.23
Old Brahmaputra	SW225	Jamalpur	25-Jul-78	16.43
Old Brahmaputra	SW225	Jamalpur	26-Jul-78	15.97
Old Brahmaputra	SW225	Jamalpur	27-Jul-78	15.85
Old Brahmaputra	SW225	Jamalpur	28-Jul-78	15.79
Old Brahmaputra	SW225	Jamalpur	29-Jul-78	15.76
Old Brahmaputra	SW225	Jamalpur	30-Jul-78	15.75
Old Brahmaputra	SW225	Jamalpur	31-Jul-78	15.72
Old Brahmaputra	SW225	Jamalpur	01-Aug-78	15.69
Old Brahmaputra	SW225	Jamalpur	02-Aug-78	15.71
Old Brahmaputra	SW225	Jamalpur	03-Aug-78	15.81
Old Brahmaputra	SW225	Jamalpur	04-Aug-78	15.97
Old Brahmaputra	SW225	Jamalpur	05-Aug-78	16.01
Old Brahmaputra	SW225	Jamalpur	06-Aug-78	16.06
Old Brahmaputra	SW225	Jamalpur	07-Aug-78	16.06
Old Brahmaputra	SW225	Jamalpur	08-Aug-78	16.05
Old Brahmaputra	SW225	Jamalpur	09-Aug-78	16.03
Old Brahmaputra	SW225	Jamalpur	10-Aug-78	16.03
Old Brahmaputra	SW225	Jamalpur	11-Aug-78	16.03
Old Brahmaputra	SW225	Jamalpur	12-Aug-78	16.05
Old Brahmaputra	SW225	Jamalpur	13-Aug-78	16.03
Old Brahmaputra	SW225	Jamalpur	14-Aug-78	16.01
Old Brahmaputra	SW225	Jamalpur	15-Aug-78	15.98
Old Brahmaputra	SW225	Jamalpur	16-Aug-78	15.94
Old Brahmaputra	SW225	Jamalpur	17-Aug-78	15.88
Old Brahmaputra	SW225	Jamalpur	18-Aug-78	15.78
Old Brahmaputra	SW225	Jamalpur	19-Aug-78	15.7
Old Brahmaputra	SW225	Jamalpur	20-Aug-78	15.68
Old Brahmaputra	SW225	Jamalpur	21-Aug-78	15.62

Old Brahmaputra	SW225	Jamalpur	22-Aug-78	15.52
Old Brahmaputra	SW225	Jamalpur	23-Aug-78	15.42
Old Brahmaputra	SW225	Jamalpur	24-Aug-78	15.31
Old Brahmaputra	SW225	Jamalpur	25-Aug-78	15.24
Old Brahmaputra	SW225	Jamalpur	26-Aug-78	15.1
Old Brahmaputra	SW225	Jamalpur	27-Aug-78	14.95
Old Brahmaputra	SW225	Jamalpur	28-Aug-78	14.87
Old Brahmaputra	SW225	Jamalpur	29-Aug-78	14.78
Old Brahmaputra	SW225	Jamalpur	30-Aug-78	14.65
Old Brahmaputra	SW225	Jamalpur	31-Aug-78	14.51
Old Brahmaputra	SW225	Jamalpur	01-Sep-78	14.4
Old Brahmaputra	SW225	Jamalpur	02-Sep-78	14.29
Old Brahmaputra	SW225	Jamalpur	03-Sep-78	14.25
Old Brahmaputra	SW225	Jamalpur	04-Sep-78	14.23
Old Brahmaputra	SW225	Jamalpur	05-Sep-78	14.23
Old Brahmaputra	SW225	Jamalpur	06-Sep-78	14.25
Old Brahmaputra	SW225	Jamalpur	07-Sep-78	14.27
Old Brahmaputra	SW225	Jamalpur	08-Sep-78	14.4
Old Brahmaputra	SW225	Jamalpur	09-Sep-78	14.51
Old Brahmaputra	SW225	Jamalpur	10-Sep-78	14.63
Old Brahmaputra	SW225	Jamalpur	11-Sep-78	14.7
Old Brahmaputra	SW225	Jamalpur	12-Sep-78	14.85
Old Brahmaputra	SW225	Jamalpur	13-Sep-78	14.98
Old Brahmaputra	SW225	Jamalpur	14-Sep-78	15.18
Old Brahmaputra	SW225	Jamalpur	15-Sep-78	15.33
Old Brahmaputra	SW225	Jamalpur	16-Sep-78	15.39
Old Brahmaputra	SW225	Jamalpur	17-Sep-78	15.39
Old Brahmaputra	SW225	Jamalpur	18-Sep-78	15.32
Old Brahmaputra	SW225	Jamalpur	19-Sep-78	15.27
Old Brahmaputra	SW225	Jamalpur	20-Sep-78	15.23
Old Brahmaputra	SW225	Jamalpur	21-Sep-78	15.33
Old Brahmaputra	SW225	Jamalpur	22-Sep-78	15.47
Old Brahmaputra	SW225	Jamalpur	23-Sep-78	15.45
Old Brahmaputra	SW225	Jamalpur	24-Sep-78	15.36
Old Brahmaputra	SW225	Jamalpur	25-Sep-78	15.24
Old Brahmaputra	SW225	Jamalpur	26-Sep-78	15.18
Old Brahmaputra	SW225	Jamalpur	27-Sep-78	15.25
Old Brahmaputra	SW225	Jamalpur	28-Sep-78	15.3
Old Brahmaputra	SW225	Jamalpur	29-Sep-78	15.33
Old Brahmaputra	SW225	Jamalpur	30-Sep-78	15.25
Old Brahmaputra	SW225	Jamalpur	01-Oct-78	15.16
Old Brahmaputra	SW225	Jamalpur	02-Oct-78	15.04
Old Brahmaputra	SW225	Jamalpur	03-Oct-78	14.94
Old Brahmaputra	SW225	Jamalpur	04-Oct-78	14.88
Old Brahmaputra	SW225	Jamalpur	05-Oct-78	14.72
Old Brahmaputra	SW225	Jamalpur	06-Oct-78	14.6
Old Brahmaputra	SW225	Jamalpur	07-Oct-78	14.52
Old Brahmaputra	SW225	Jamalpur	08-Oct-78	14.43
Old Brahmaputra	SW225	Jamalpur	09-Oct-78	14.35
Old Brahmaputra	SW225	Jamalpur	10-Oct-78	14.24

Old Brahmaputra	SW225	Jamalpur	11-Oct-78	14.22
Old Brahmaputra	SW225	Jamalpur	12-Oct-78	14.2
Old Brahmaputra	SW225	Jamalpur	13-Oct-78	14.18
Old Brahmaputra	SW225	Jamalpur	14-Oct-78	14.11
Old Brahmaputra	SW225	Jamalpur	15-Oct-78	14.07
Old Brahmaputra	SW225	Jamalpur	16-Oct-78	14.1
Old Brahmaputra	SW225	Jamalpur	17-Oct-78	14.1
Old Brahmaputra	SW225	Jamalpur	18-Oct-78	14.12
Old Brahmaputra	SW225	Jamalpur	19-Oct-78	14.02
Old Brahmaputra	SW225	Jamalpur	20-Oct-78	13.89
Old Brahmaputra	SW225	Jamalpur	21-Oct-78	13.73
Old Brahmaputra	SW225	Jamalpur	22-Oct-78	13.67
Old Brahmaputra	SW225	Jamalpur	23-Oct-78	13.58
Old Brahmaputra	SW225	Jamalpur	24-Oct-78	13.52
Old Brahmaputra	SW225	Jamalpur	25-Oct-78	13.45
Old Brahmaputra	SW225	Jamalpur	26-Oct-78	13.38
Old Brahmaputra	SW225	Jamalpur	27-Oct-78	13.32
Old Brahmaputra	SW225	Jamalpur	28-Oct-78	13.23
Old Brahmaputra	SW225	Jamalpur	29-Oct-78	13.14
Old Brahmaputra	SW225	Jamalpur	30-Oct-78	13.05
Old Brahmaputra	SW225	Jamalpur	31-Oct-78	12.98
Old Brahmaputra	SW225	Jamalpur	01-Nov-78	12.93
Old Brahmaputra	SW225	Jamalpur	02-Nov-78	12.85
Old Brahmaputra	SW225	Jamalpur	03-Nov-78	12.8
Old Brahmaputra	SW225	Jamalpur	04-Nov-78	12.74
Old Brahmaputra	SW225	Jamalpur	05-Nov-78	12.7
Old Brahmaputra	SW225	Jamalpur	06-Nov-78	12.68
Old Brahmaputra	SW225	Jamalpur	07-Nov-78	12.64
Old Brahmaputra	SW225	Jamalpur	08-Nov-78	12.58
Old Brahmaputra	SW225	Jamalpur	09-Nov-78	12.56
Old Brahmaputra	SW225	Jamalpur	10-Nov-78	12.56
Old Brahmaputra	SW225	Jamalpur	11-Nov-78	12.6
Old Brahmaputra	SW225	Jamalpur	12-Nov-78	12.62
Old Brahmaputra	SW225	Jamalpur	13-Nov-78	12.57
Old Brahmaputra	SW225	Jamalpur	14-Nov-78	12.49
Old Brahmaputra	SW225	Jamalpur	15-Nov-78	12.43
Old Brahmaputra	SW225	Jamalpur	16-Nov-78	12.4
Old Brahmaputra	SW225	Jamalpur	17-Nov-78	12.37
Old Brahmaputra	SW225	Jamalpur	18-Nov-78	12.34
Old Brahmaputra	SW225	Jamalpur	19-Nov-78	12.27
Old Brahmaputra	SW225	Jamalpur	20-Nov-78	12.25
Old Brahmaputra	SW225	Jamalpur	21-Nov-78	12.23
Old Brahmaputra	SW225	Jamalpur	22-Nov-78	12.22
Old Brahmaputra	SW225	Jamalpur	23-Nov-78	12.22
Old Brahmaputra	SW225	Jamalpur	24-Nov-78	12.2
Old Brahmaputra	SW225	Jamalpur	25-Nov-78	12.19
Old Brahmaputra	SW225	Jamalpur	26-Nov-78	12.18
Old Brahmaputra	SW225	Jamalpur	27-Nov-78	12.16
Old Brahmaputra	SW225	Jamalpur	28-Nov-78	12.16
Old Brahmaputra	SW225	Jamalpur	29-Nov-78	12.15

Old Brahmaputra	SW225	Jamalpur	30-Nov-78	12.13
Old Brahmaputra	SW225	Jamalpur	01-Dec-78	12.13
Old Brahmaputra	SW225	Jamalpur	02-Dec-78	12.11
Old Brahmaputra	SW225	Jamalpur	03-Dec-78	12.09
Old Brahmaputra	SW225	Jamalpur	04-Dec-78	12.07
Old Brahmaputra	SW225	Jamalpur	05-Dec-78	12.07
Old Brahmaputra	SW225	Jamalpur	06-Dec-78	12.07
Old Brahmaputra	SW225	Jamalpur	07-Dec-78	12.06
Old Brahmaputra	SW225	Jamalpur	08-Dec-78	12.04
Old Brahmaputra	SW225	Jamalpur	09-Dec-78	12.06
Old Brahmaputra	SW225	Jamalpur	10-Dec-78	12.01
Old Brahmaputra	SW225	Jamalpur	11-Dec-78	11.98
Old Brahmaputra	SW225	Jamalpur	12-Dec-78	11.97
Old Brahmaputra	SW225	Jamalpur	13-Dec-78	11.95
Old Brahmaputra	SW225	Jamalpur	14-Dec-78	11.95
Old Brahmaputra	SW225	Jamalpur	15-Dec-78	11.95
Old Brahmaputra	SW225	Jamalpur	16-Dec-78	11.93
Old Brahmaputra	SW225	Jamalpur	17-Dec-78	11.93
Old Brahmaputra	SW225	Jamalpur	18-Dec-78	11.91
Old Brahmaputra	SW225	Jamalpur	19-Dec-78	11.91
Old Brahmaputra	SW225	Jamalpur	20-Dec-78	11.91
Old Brahmaputra	SW225	Jamalpur	21-Dec-78	11.9
Old Brahmaputra	SW225	Jamalpur	22-Dec-78	11.9
Old Brahmaputra	SW225	Jamalpur	23-Dec-78	11.89
Old Brahmaputra	SW225	Jamalpur	24-Dec-78	11.89
Old Brahmaputra	SW225	Jamalpur	25-Dec-78	11.89
Old Brahmaputra	SW225	Jamalpur	26-Dec-78	11.89
Old Brahmaputra	SW225	Jamalpur	27-Dec-78	11.89
Old Brahmaputra	SW225	Jamalpur	28-Dec-78	11.87
Old Brahmaputra	SW225	Jamalpur	29-Dec-78	11.87
Old Brahmaputra	SW225	Jamalpur	30-Dec-78	11.87
Old Brahmaputra	SW225	Jamalpur	31-Dec-78	11.87
Old Brahmaputra	SW225	Jamalpur	01-Jan-79	11.85
Old Brahmaputra	SW225	Jamalpur	02-Jan-79	11.85
Old Brahmaputra	SW225	Jamalpur	03-Jan-79	11.85
Old Brahmaputra	SW225	Jamalpur	04-Jan-79	11.85
Old Brahmaputra	SW225	Jamalpur	05-Jan-79	11.85
Old Brahmaputra	SW225	Jamalpur	06-Jan-79	11.82
Old Brahmaputra	SW225	Jamalpur	07-Jan-79	11.72
Old Brahmaputra	SW225	Jamalpur	08-Jan-79	11.7
Old Brahmaputra	SW225	Jamalpur	09-Jan-79	11.7
Old Brahmaputra	SW225	Jamalpur	10-Jan-79	11.7
Old Brahmaputra	SW225	Jamalpur	11-Jan-79	11.69
Old Brahmaputra	SW225	Jamalpur	12-Jan-79	11.69
Old Brahmaputra	SW225	Jamalpur	13-Jan-79	11.69
Old Brahmaputra	SW225	Jamalpur	14-Jan-79	11.69
Old Brahmaputra	SW225	Jamalpur	15-Jan-79	11.69
Old Brahmaputra	SW225	Jamalpur	16-Jan-79	11.69
Old Brahmaputra	SW225	Jamalpur	17-Jan-79	11.69
Old Brahmaputra	SW225	Jamalpur	18-Jan-79	11.69

Old Brahmaputra	SW225	Jamalpur	19-Jan-79	11.69
Old Brahmaputra	SW225	Jamalpur	20-Jan-79	11.69
Old Brahmaputra	SW225	Jamalpur	21-Jan-79	11.68
Old Brahmaputra	SW225	Jamalpur	22-Jan-79	11.68
Old Brahmaputra	SW225	Jamalpur	23-Jan-79	11.68
Old Brahmaputra	SW225	Jamalpur	24-Jan-79	11.68
Old Brahmaputra	SW225	Jamalpur	25-Jan-79	11.68
Old Brahmaputra	SW225	Jamalpur	26-Jan-79	11.68
Old Brahmaputra	SW225	Jamalpur	27-Jan-79	11.66
Old Brahmaputra	SW225	Jamalpur	28-Jan-79	11.66
Old Brahmaputra	SW225	Jamalpur	29-Jan-79	11.66
Old Brahmaputra	SW225	Jamalpur	30-Jan-79	11.66
Old Brahmaputra	SW225	Jamalpur	31-Jan-79	11.66
Old Brahmaputra	SW225	Jamalpur	01-Feb-79	11.66
Old Brahmaputra	SW225	Jamalpur	02-Feb-79	11.66
Old Brahmaputra	SW225	Jamalpur	03-Feb-79	11.66
Old Brahmaputra	SW225	Jamalpur	04-Feb-79	11.65
Old Brahmaputra	SW225	Jamalpur	05-Feb-79	11.65
Old Brahmaputra	SW225	Jamalpur	06-Feb-79	11.63
Old Brahmaputra	SW225	Jamalpur	07-Feb-79	11.63
Old Brahmaputra	SW225	Jamalpur	08-Feb-79	11.63
Old Brahmaputra	SW225	Jamalpur	09-Feb-79	11.63
Old Brahmaputra	SW225	Jamalpur	10-Feb-79	11.63
Old Brahmaputra	SW225	Jamalpur	11-Feb-79	11.63
Old Brahmaputra	SW225	Jamalpur	12-Feb-79	11.63
Old Brahmaputra	SW225	Jamalpur	13-Feb-79	11.63
Old Brahmaputra	SW225	Jamalpur	14-Feb-79	11.61
Old Brahmaputra	SW225	Jamalpur	15-Feb-79	11.61
Old Brahmaputra	SW225	Jamalpur	16-Feb-79	11.61
Old Brahmaputra	SW225	Jamalpur	17-Feb-79	11.61
Old Brahmaputra	SW225	Jamalpur	18-Feb-79	11.6
Old Brahmaputra	SW225	Jamalpur	19-Feb-79	11.6
Old Brahmaputra	SW225	Jamalpur	20-Feb-79	11.6
Old Brahmaputra	SW225	Jamalpur	21-Feb-79	11.6
Old Brahmaputra	SW225	Jamalpur	22-Feb-79	11.6
Old Brahmaputra	SW225	Jamalpur	23-Feb-79	11.6
Old Brahmaputra	SW225	Jamalpur	24-Feb-79	11.6
Old Brahmaputra	SW225	Jamalpur	25-Feb-79	11.6
Old Brahmaputra	SW225	Jamalpur	26-Feb-79	11.6
Old Brahmaputra	SW225	Jamalpur	27-Feb-79	11.58
Old Brahmaputra	SW225	Jamalpur	28-Feb-79	11.58
Old Brahmaputra	SW225	Jamalpur	01-Mar-79	11.58
Old Brahmaputra	SW225	Jamalpur	02-Mar-79	11.58
Old Brahmaputra	SW225	Jamalpur	03-Mar-79	11.56
Old Brahmaputra	SW225	Jamalpur	04-Mar-79	11.56
Old Brahmaputra	SW225	Jamalpur	05-Mar-79	11.56
Old Brahmaputra	SW225	Jamalpur	06-Mar-79	11.56
Old Brahmaputra	SW225	Jamalpur	07-Mar-79	11.56
Old Brahmaputra	SW225	Jamalpur	08-Mar-79	11.56
Old Brahmaputra	SW225	Jamalpur	09-Mar-79	11.56

Old Brahmaputra	SW225	Jamalpur	29-Apr-79	11.53
Old Brahmaputra	SW225	Jamalpur	30-Apr-79	11.53
Old Brahmaputra	SW225	Jamalpur	01-May-79	11.59
Old Brahmaputra	SW225	Jamalpur	02-May-79	11.73
Old Brahmaputra	SW225	Jamalpur	03-May-79	11.66
Old Brahmaputra	SW225	Jamalpur	04-May-79	11.63
Old Brahmaputra	SW225	Jamalpur	05-May-79	11.66
Old Brahmaputra	SW225	Jamalpur	06-May-79	11.66
Old Brahmaputra	SW225	Jamalpur	07-May-79	11.66
Old Brahmaputra	SW225	Jamalpur	08-May-79	11.73
Old Brahmaputra	SW225	Jamalpur	09-May-79	11.85
Old Brahmaputra	SW225	Jamalpur	10-May-79	12.04
Old Brahmaputra	SW225	Jamalpur	11-May-79	12.18
Old Brahmaputra	SW225	Jamalpur	12-May-79	12.44
Old Brahmaputra	SW225	Jamalpur	13-May-79	12.8
Old Brahmaputra	SW225	Jamalpur	14-May-79	12.9
Old Brahmaputra	SW225	Jamalpur	15-May-79	12.86
Old Brahmaputra	SW225	Jamalpur	16-May-79	12.74
Old Brahmaputra	SW225	Jamalpur	17-May-79	12.68
Old Brahmaputra	SW225	Jamalpur	18-May-79	12.65
Old Brahmaputra	SW225	Jamalpur	19-May-79	12.6
Old Brahmaputra	SW225	Jamalpur	20-May-79	12.65
Old Brahmaputra	SW225	Jamalpur	21-May-79	12.81
Old Brahmaputra	SW225	Jamalpur	22-May-79	13.15
Old Brahmaputra	SW225	Jamalpur	23-May-79	13.22
Old Brahmaputra	SW225	Jamalpur	24-May-79	13.74
Old Brahmaputra	SW225	Jamalpur	25-May-79	13.87
Old Brahmaputra	SW225	Jamalpur	26-May-79	13.73
Old Brahmaputra	SW225	Jamalpur	27-May-79	13.5
Old Brahmaputra	SW225	Jamalpur	28-May-79	13.26
Old Brahmaputra	SW225	Jamalpur	29-May-79	13.11
Old Brahmaputra	SW225	Jamalpur	30-May-79	12.91
Old Brahmaputra	SW225	Jamalpur	31-May-79	12.81
Old Brahmaputra	SW225	Jamalpur	01-Jun-79	12.71
Old Brahmaputra	SW225	Jamalpur	02-Jun-79	12.65
Old Brahmaputra	SW225	Jamalpur	03-Jun-79	12.59
Old Brahmaputra	SW225	Jamalpur	04-Jun-79	12.55
Old Brahmaputra	SW225	Jamalpur	05-Jun-79	12.51
Old Brahmaputra	SW225	Jamalpur	06-Jun-79	12.49
Old Brahmaputra	SW225	Jamalpur	07-Jun-79	12.49
Old Brahmaputra	SW225	Jamalpur	08-Jun-79	12.53
Old Brahmaputra	SW225	Jamalpur	09-Jun-79	12.54
Old Brahmaputra	SW225	Jamalpur	10-Jun-79	12.56
Old Brahmaputra	SW225	Jamalpur	11-Jun-79	12.6
Old Brahmaputra	SW225	Jamalpur	12-Jun-79	12.52
Old Brahmaputra	SW225	Jamalpur	13-Jun-79	12.51
Old Brahmaputra	SW225	Jamalpur	14-Jun-79	12.54
Old Brahmaputra	SW225	Jamalpur	15-Jun-79	12.65
Old Brahmaputra	SW225	Jamalpur	16-Jun-79	12.97
Old Brahmaputra	SW225	Jamalpur	17-Jun-79	13.3

Old Brahmaputra	SW225	Jamalpur	18-Jun-79	13.4
Old Brahmaputra	SW225	Jamalpur	19-Jun-79	13.51
Old Brahmaputra	SW225	Jamalpur	20-Jun-79	13.47
Old Brahmaputra	SW225	Jamalpur	21-Jun-79	13.45
Old Brahmaputra	SW225	Jamalpur	22-Jun-79	13.48
Old Brahmaputra	SW225	Jamalpur	23-Jun-79	13.6
Old Brahmaputra	SW225	Jamalpur	24-Jun-79	13.64
Old Brahmaputra	SW225	Jamalpur	25-Jun-79	13.69
Old Brahmaputra	SW225	Jamalpur	26-Jun-79	13.72
Old Brahmaputra	SW225	Jamalpur	27-Jun-79	13.73
Old Brahmaputra	SW225	Jamalpur	28-Jun-79	13.76
Old Brahmaputra	SW225	Jamalpur	29-Jun-79	13.79
Old Brahmaputra	SW225	Jamalpur	30-Jun-79	13.93
Old Brahmaputra	SW225	Jamalpur	01-Jul-79	14.18
Old Brahmaputra	SW225	Jamalpur	02-Jul-79	14.32
Old Brahmaputra	SW225	Jamalpur	03-Jul-79	14.63
Old Brahmaputra	SW225	Jamalpur	04-Jul-79	14.94
Old Brahmaputra	SW225	Jamalpur	05-Jul-79	15.27
Old Brahmaputra	SW225	Jamalpur	06-Jul-79	15.5
Old Brahmaputra	SW225	Jamalpur	07-Jul-79	15.66
Old Brahmaputra	SW225	Jamalpur	08-Jul-79	15.84
Old Brahmaputra	SW225	Jamalpur	09-Jul-79	15.94
Old Brahmaputra	SW225	Jamalpur	10-Jul-79	15.97
Old Brahmaputra	SW225	Jamalpur	11-Jul-79	15.88
Old Brahmaputra	SW225	Jamalpur	12-Jul-79	15.64
Old Brahmaputra	SW225	Jamalpur	13-Jul-79	15.4
Old Brahmaputra	SW225	Jamalpur	14-Jul-79	15.28
Old Brahmaputra	SW225	Jamalpur	15-Jul-79	15.27
Old Brahmaputra	SW225	Jamalpur	16-Jul-79	15.31
Old Brahmaputra	SW225	Jamalpur	17-Jul-79	15.38
Old Brahmaputra	SW225	Jamalpur	18-Jul-79	15.4
Old Brahmaputra	SW225	Jamalpur	19-Jul-79	15.45
Old Brahmaputra	SW225	Jamalpur	20-Jul-79	15.53
Old Brahmaputra	SW225	Jamalpur	21-Jul-79	15.61
Old Brahmaputra	SW225	Jamalpur	22-Jul-79	15.79
Old Brahmaputra	SW225	Jamalpur	23-Jul-79	15.98
Old Brahmaputra	SW225	Jamalpur	24-Jul-79	16.16
Old Brahmaputra	SW225	Jamalpur	25-Jul-79	16.25
Old Brahmaputra	SW225	Jamalpur	26-Jul-79	16.41
Old Brahmaputra	SW225	Jamalpur	27-Jul-79	16.59
Old Brahmaputra	SW225	Jamalpur	28-Jul-79	16.74
Old Brahmaputra	SW225	Jamalpur	29-Jul-79	16.66
Old Brahmaputra	SW225	Jamalpur	30-Jul-79	16.58
Old Brahmaputra	SW225	Jamalpur	31-Jul-79	16.53
Old Brahmaputra	SW225	Jamalpur	01-Aug-79	16.52
Old Brahmaputra	SW225	Jamalpur	02-Aug-79	16.52
Old Brahmaputra	SW225	Jamalpur	03-Aug-79	16.52
Old Brahmaputra	SW225	Jamalpur	04-Aug-79	16.53
Old Brahmaputra	SW225	Jamalpur	05-Aug-79	16.53
Old Brahmaputra	SW225	Jamalpur	06-Aug-79	16.5

Old Brahmaputra	SW225	Jamalpur	07-Aug-79	16.42
Old Brahmaputra	SW225	Jamalpur	08-Aug-79	16.27
Old Brahmaputra	SW225	Jamalpur	09-Aug-79	16.14
Old Brahmaputra	SW225	Jamalpur	10-Aug-79	16
Old Brahmaputra	SW225	Jamalpur	11-Aug-79	15.86
Old Brahmaputra	SW225	Jamalpur	12-Aug-79	15.7
Old Brahmaputra	SW225	Jamalpur	13-Aug-79	15.54
Old Brahmaputra	SW225	Jamalpur	14-Aug-79	15.36
Old Brahmaputra	SW225	Jamalpur	15-Aug-79	15.21
Old Brahmaputra	SW225	Jamalpur	16-Aug-79	15.12
Old Brahmaputra	SW225	Jamalpur	17-Aug-79	14.94
Old Brahmaputra	SW225	Jamalpur	18-Aug-79	14.8
Old Brahmaputra	SW225	Jamalpur	19-Aug-79	14.64
Old Brahmaputra	SW225	Jamalpur	20-Aug-79	14.97
Old Brahmaputra	SW225	Jamalpur	21-Aug-79	14.89
Old Brahmaputra	SW225	Jamalpur	22-Aug-79	15.33
Old Brahmaputra	SW225	Jamalpur	23-Aug-79	15.57
Old Brahmaputra	SW225	Jamalpur	24-Aug-79	15.77
Old Brahmaputra	SW225	Jamalpur	25-Aug-79	15.93
Old Brahmaputra	SW225	Jamalpur	26-Aug-79	15.99
Old Brahmaputra	SW225	Jamalpur	27-Aug-79	16.01
Old Brahmaputra	SW225	Jamalpur	28-Aug-79	16.11
Old Brahmaputra	SW225	Jamalpur	29-Aug-79	16.11
Old Brahmaputra	SW225	Jamalpur	30-Aug-79	16.08
Old Brahmaputra	SW225	Jamalpur	31-Aug-79	16.06
Old Brahmaputra	SW225	Jamalpur	01-Sep-79	16.06
Old Brahmaputra	SW225	Jamalpur	02-Sep-79	16.08
Old Brahmaputra	SW225	Jamalpur	03-Sep-79	16.05
Old Brahmaputra	SW225	Jamalpur	04-Sep-79	16.05
Old Brahmaputra	SW225	Jamalpur	05-Sep-79	16.09
Old Brahmaputra	SW225	Jamalpur	06-Sep-79	16.24
Old Brahmaputra	SW225	Jamalpur	07-Sep-79	16.32
Old Brahmaputra	SW225	Jamalpur	08-Sep-79	16.35
Old Brahmaputra	SW225	Jamalpur	09-Sep-79	16.33
Old Brahmaputra	SW225	Jamalpur	10-Sep-79	16.35
Old Brahmaputra	SW225	Jamalpur	11-Sep-79	16.38
Old Brahmaputra	SW225	Jamalpur	12-Sep-79	16.46
Old Brahmaputra	SW225	Jamalpur	13-Sep-79	16.55
Old Brahmaputra	SW225	Jamalpur	14-Sep-79	16.64
Old Brahmaputra	SW225	Jamalpur	15-Sep-79	16.62
Old Brahmaputra	SW225	Jamalpur	16-Sep-79	16.58
Old Brahmaputra	SW225	Jamalpur	17-Sep-79	16.52
Old Brahmaputra	SW225	Jamalpur	18-Sep-79	16.45
Old Brahmaputra	SW225	Jamalpur	19-Sep-79	16.39
Old Brahmaputra	SW225	Jamalpur	20-Sep-79	16.32
Old Brahmaputra	SW225	Jamalpur	21-Sep-79	16.19
Old Brahmaputra	SW225	Jamalpur	22-Sep-79	16.03
Old Brahmaputra	SW225	Jamalpur	23-Sep-79	15.79
Old Brahmaputra	SW225	Jamalpur	24-Sep-79	15.48
Old Brahmaputra	SW225	Jamalpur	25-Sep-79	15.21

Old Brahmaputra	SW225	Jamalpur	26-Sep-79	15.06
Old Brahmaputra	SW225	Jamalpur	27-Sep-79	14.83
Old Brahmaputra	SW225	Jamalpur	28-Sep-79	14.68
Old Brahmaputra	SW225	Jamalpur	29-Sep-79	14.59
Old Brahmaputra	SW225	Jamalpur	30-Sep-79	14.49
Old Brahmaputra	SW225	Jamalpur	01-Oct-79	14.4
Old Brahmaputra	SW225	Jamalpur	02-Oct-79	14.34
Old Brahmaputra	SW225	Jamalpur	03-Oct-79	14.32
Old Brahmaputra	SW225	Jamalpur	04-Oct-79	14.27
Old Brahmaputra	SW225	Jamalpur	05-Oct-79	14.31
Old Brahmaputra	SW225	Jamalpur	06-Oct-79	14.7
Old Brahmaputra	SW225	Jamalpur	07-Oct-79	15.14
Old Brahmaputra	SW225	Jamalpur	08-Oct-79	15.49
Old Brahmaputra	SW225	Jamalpur	09-Oct-79	15.8
Old Brahmaputra	SW225	Jamalpur	10-Oct-79	16.06
Old Brahmaputra	SW225	Jamalpur	11-Oct-79	16.26
Old Brahmaputra	SW225	Jamalpur	12-Oct-79	16.46
Old Brahmaputra	SW225	Jamalpur	13-Oct-79	16.58
Old Brahmaputra	SW225	Jamalpur	14-Oct-79	16.56
Old Brahmaputra	SW225	Jamalpur	15-Oct-79	16.36
Old Brahmaputra	SW225	Jamalpur	16-Oct-79	16.13
Old Brahmaputra	SW225	Jamalpur	17-Oct-79	15.86
Old Brahmaputra	SW225	Jamalpur	18-Oct-79	15.57
Old Brahmaputra	SW225	Jamalpur	19-Oct-79	15.27
Old Brahmaputra	SW225	Jamalpur	20-Oct-79	14.97
Old Brahmaputra	SW225	Jamalpur	21-Oct-79	14.75
Old Brahmaputra	SW225	Jamalpur	22-Oct-79	14.56
Old Brahmaputra	SW225	Jamalpur	23-Oct-79	14.35
Old Brahmaputra	SW225	Jamalpur	24-Oct-79	14.19
Old Brahmaputra	SW225	Jamalpur	25-Oct-79	14.06
Old Brahmaputra	SW225	Jamalpur	26-Oct-79	13.94
Old Brahmaputra	SW225	Jamalpur	27-Oct-79	13.86
Old Brahmaputra	SW225	Jamalpur	28-Oct-79	13.72
Old Brahmaputra	SW225	Jamalpur	29-Oct-79	13.6
Old Brahmaputra	SW225	Jamalpur	30-Oct-79	13.52
Old Brahmaputra	SW225	Jamalpur	31-Oct-79	13.44
Old Brahmaputra	SW225	Jamalpur	01-Nov-79	13.34
Old Brahmaputra	SW225	Jamalpur	02-Nov-79	13.29
Old Brahmaputra	SW225	Jamalpur	03-Nov-79	13.22
Old Brahmaputra	SW225	Jamalpur	04-Nov-79	13.11
Old Brahmaputra	SW225	Jamalpur	05-Nov-79	13.05
Old Brahmaputra	SW225	Jamalpur	06-Nov-79	12.94
Old Brahmaputra	SW225	Jamalpur	07-Nov-79	12.88
Old Brahmaputra	SW225	Jamalpur	08-Nov-79	12.8
Old Brahmaputra	SW225	Jamalpur	09-Nov-79	12.77
Old Brahmaputra	SW225	Jamalpur	10-Nov-79	12.72
Old Brahmaputra	SW225	Jamalpur	11-Nov-79	12.68
Old Brahmaputra	SW225	Jamalpur	12-Nov-79	12.65
Old Brahmaputra	SW225	Jamalpur	13-Nov-79	12.6
Old Brahmaputra	SW225	Jamalpur	14-Nov-79	12.57

Old Brahmaputra	SW225	Jamalpur	15-Nov-79	12.57
Old Brahmaputra	SW225	Jamalpur	16-Nov-79	12.55
Old Brahmaputra	SW225	Jamalpur	17-Nov-79	12.51
Old Brahmaputra	SW225	Jamalpur	18-Nov-79	12.47
Old Brahmaputra	SW225	Jamalpur	19-Nov-79	12.45
Old Brahmaputra	SW225	Jamalpur	20-Nov-79	12.43
Old Brahmaputra	SW225	Jamalpur	21-Nov-79	12.4
Old Brahmaputra	SW225	Jamalpur	22-Nov-79	12.39
Old Brahmaputra	SW225	Jamalpur	23-Nov-79	12.38
Old Brahmaputra	SW225	Jamalpur	24-Nov-79	12.36
Old Brahmaputra	SW225	Jamalpur	25-Nov-79	12.35
Old Brahmaputra	SW225	Jamalpur	26-Nov-79	12.34
Old Brahmaputra	SW225	Jamalpur	27-Nov-79	12.31
Old Brahmaputra	SW225	Jamalpur	28-Nov-79	12.3
Old Brahmaputra	SW225	Jamalpur	29-Nov-79	12.31
Old Brahmaputra	SW225	Jamalpur	30-Nov-79	12.31
Old Brahmaputra	SW225	Jamalpur	01-Dec-79	12.31
Old Brahmaputra	SW225	Jamalpur	02-Dec-79	12.35
Old Brahmaputra	SW225	Jamalpur	03-Dec-79	12.31
Old Brahmaputra	SW225	Jamalpur	04-Dec-79	12.3
Old Brahmaputra	SW225	Jamalpur	05-Dec-79	12.31
Old Brahmaputra	SW225	Jamalpur	06-Dec-79	12.31
Old Brahmaputra	SW225	Jamalpur	07-Dec-79	12.3
Old Brahmaputra	SW225	Jamalpur	08-Dec-79	12.28
Old Brahmaputra	SW225	Jamalpur	09-Dec-79	12.16
Old Brahmaputra	SW225	Jamalpur	10-Dec-79	12.02
Old Brahmaputra	SW225	Jamalpur	11-Dec-79	12.01
Old Brahmaputra	SW225	Jamalpur	12-Dec-79	12.01
Old Brahmaputra	SW225	Jamalpur	13-Dec-79	12.01
Old Brahmaputra	SW225	Jamalpur	14-Dec-79	11.97
Old Brahmaputra	SW225	Jamalpur	15-Dec-79	11.97
Old Brahmaputra	SW225	Jamalpur	16-Dec-79	11.95
Old Brahmaputra	SW225	Jamalpur	17-Dec-79	11.91
Old Brahmaputra	SW225	Jamalpur	18-Dec-79	11.9
Old Brahmaputra	SW225	Jamalpur	19-Dec-79	11.9
Old Brahmaputra	SW225	Jamalpur	20-Dec-79	11.89
Old Brahmaputra	SW225	Jamalpur	21-Dec-79	11.89
Old Brahmaputra	SW225	Jamalpur	22-Dec-79	11.87
Old Brahmaputra	SW225	Jamalpur	23-Dec-79	11.87
Old Brahmaputra	SW225	Jamalpur	24-Dec-79	11.85
Old Brahmaputra	SW225	Jamalpur	25-Dec-79	11.85
Old Brahmaputra	SW225	Jamalpur	26-Dec-79	11.85
Old Brahmaputra	SW225	Jamalpur	27-Dec-79	11.85
Old Brahmaputra	SW225	Jamalpur	28-Dec-79	11.84
Old Brahmaputra	SW225	Jamalpur	29-Dec-79	11.84
Old Brahmaputra	SW225	Jamalpur	30-Dec-79	11.84
Old Brahmaputra	SW225	Jamalpur	31-Dec-79	11.82
Old Brahmaputra	SW225	Jamalpur	01-Jan-80	11.82
Old Brahmaputra	SW225	Jamalpur	02-Jan-80	11.82
Old Brahmaputra	SW225	Jamalpur	03-Jan-80	11.82

Old Brahmaputra	SW225	Jamalpur	04-Jan-80	11.82
Old Brahmaputra	SW225	Jamalpur	05-Jan-80	11.81
Old Brahmaputra	SW225	Jamalpur	06-Jan-80	11.81
Old Brahmaputra	SW225	Jamalpur	07-Jan-80	11.8
Old Brahmaputra	SW225	Jamalpur	08-Jan-80	11.8
Old Brahmaputra	SW225	Jamalpur	09-Jan-80	11.8
Old Brahmaputra	SW225	Jamalpur	10-Jan-80	11.8
Old Brahmaputra	SW225	Jamalpur	11-Jan-80	11.78
Old Brahmaputra	SW225	Jamalpur	12-Jan-80	11.78
Old Brahmaputra	SW225	Jamalpur	13-Jan-80	11.78
Old Brahmaputra	SW225	Jamalpur	14-Jan-80	11.78
Old Brahmaputra	SW225	Jamalpur	15-Jan-80	11.78
Old Brahmaputra	SW225	Jamalpur	16-Jan-80	11.77
Old Brahmaputra	SW225	Jamalpur	17-Jan-80	11.77
Old Brahmaputra	SW225	Jamalpur	18-Jan-80	11.77
Old Brahmaputra	SW225	Jamalpur	19-Jan-80	11.77
Old Brahmaputra	SW225	Jamalpur	20-Jan-80	11.77
Old Brahmaputra	SW225	Jamalpur	21-Jan-80	11.77
Old Brahmaputra	SW225	Jamalpur	22-Jan-80	11.77
Old Brahmaputra	SW225	Jamalpur	23-Jan-80	11.77
Old Brahmaputra	SW225	Jamalpur	24-Jan-80	11.75
Old Brahmaputra	SW225	Jamalpur	25-Jan-80	11.75
Old Brahmaputra	SW225	Jamalpur	26-Jan-80	11.75
Old Brahmaputra	SW225	Jamalpur	27-Jan-80	11.75
Old Brahmaputra	SW225	Jamalpur	28-Jan-80	11.75
Old Brahmaputra	SW225	Jamalpur	29-Jan-80	11.75
Old Brahmaputra	SW225	Jamalpur	30-Jan-80	11.73
Old Brahmaputra	SW225	Jamalpur	31-Jan-80	11.73
Old Brahmaputra	SW225	Jamalpur	01-Feb-80	11.73
Old Brahmaputra	SW225	Jamalpur	02-Feb-80	11.73
Old Brahmaputra	SW225	Jamalpur	03-Feb-80	11.73
Old Brahmaputra	SW225	Jamalpur	04-Feb-80	11.73
Old Brahmaputra	SW225	Jamalpur	05-Feb-80	11.72
Old Brahmaputra	SW225	Jamalpur	06-Feb-80	11.72
Old Brahmaputra	SW225	Jamalpur	07-Feb-80	11.72
Old Brahmaputra	SW225	Jamalpur	08-Feb-80	11.72
Old Brahmaputra	SW225	Jamalpur	09-Feb-80	11.72
Old Brahmaputra	SW225	Jamalpur	10-Feb-80	11.7
Old Brahmaputra	SW225	Jamalpur	11-Feb-80	11.7
Old Brahmaputra	SW225	Jamalpur	12-Feb-80	11.7
Old Brahmaputra	SW225	Jamalpur	13-Feb-80	11.7
Old Brahmaputra	SW225	Jamalpur	14-Feb-80	11.7
Old Brahmaputra	SW225	Jamalpur	15-Feb-80	11.7
Old Brahmaputra	SW225	Jamalpur	16-Feb-80	11.69
Old Brahmaputra	SW225	Jamalpur	17-Feb-80	11.69
Old Brahmaputra	SW225	Jamalpur	18-Feb-80	11.69
Old Brahmaputra	SW225	Jamalpur	19-Feb-80	11.69
Old Brahmaputra	SW225	Jamalpur	20-Feb-80	11.69
Old Brahmaputra	SW225	Jamalpur	21-Feb-80	11.69
Old Brahmaputra	SW225	Jamalpur	22-Feb-80	11.68

Old Brahmaputra	SW225	Jamalpur	23-Feb-80	11.68
Old Brahmaputra	SW225	Jamalpur	24-Feb-80	11.68
Old Brahmaputra	SW225	Jamalpur	25-Feb-80	11.68
Old Brahmaputra	SW225	Jamalpur	26-Feb-80	11.68
Old Brahmaputra	SW225	Jamalpur	27-Feb-80	11.68
Old Brahmaputra	SW225	Jamalpur	28-Feb-80	11.68
Old Brahmaputra	SW225	Jamalpur	29-Feb-80	11.66
Old Brahmaputra	SW225	Jamalpur	01-Mar-80	11.68
Old Brahmaputra	SW225	Jamalpur	02-Mar-80	11.68
Old Brahmaputra	SW225	Jamalpur	03-Mar-80	11.68
Old Brahmaputra	SW225	Jamalpur	04-Mar-80	11.68
Old Brahmaputra	SW225	Jamalpur	05-Mar-80	11.68
Old Brahmaputra	SW225	Jamalpur	06-Mar-80	11.66
Old Brahmaputra	SW225	Jamalpur	07-Mar-80	11.66
Old Brahmaputra	SW225	Jamalpur	08-Mar-80	11.66
Old Brahmaputra	SW225	Jamalpur	09-Mar-80	11.66
Old Brahmaputra	SW225	Jamalpur	10-Mar-80	11.66
Old Brahmaputra	SW225	Jamalpur	11-Mar-80	11.65
Old Brahmaputra	SW225	Jamalpur	12-Mar-80	11.65
Old Brahmaputra	SW225	Jamalpur	13-Mar-80	11.65
Old Brahmaputra	SW225	Jamalpur	14-Mar-80	11.65
Old Brahmaputra	SW225	Jamalpur	15-Mar-80	11.65
Old Brahmaputra	SW225	Jamalpur	16-Mar-80	11.65
Old Brahmaputra	SW225	Jamalpur	17-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	18-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	19-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	20-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	21-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	22-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	23-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	24-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	25-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	26-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	27-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	28-Mar-80	11.63
Old Brahmaputra	SW225	Jamalpur	29-Mar-80	11.61
Old Brahmaputra	SW225	Jamalpur	30-Mar-80	11.61
Old Brahmaputra	SW225	Jamalpur	31-Mar-80	11.61
Old Brahmaputra	SW225	Jamalpur	01-Apr-80	11.6
Old Brahmaputra	SW225	Jamalpur	02-Apr-80	11.6
Old Brahmaputra	SW225	Jamalpur	03-Apr-80	11.6
Old Brahmaputra	SW225	Jamalpur	04-Apr-80	11.6
Old Brahmaputra	SW225	Jamalpur	05-Apr-80	11.58
Old Brahmaputra	SW225	Jamalpur	06-Apr-80	11.58
Old Brahmaputra	SW225	Jamalpur	07-Apr-80	11.58
Old Brahmaputra	SW225	Jamalpur	08-Apr-80	11.58
Old Brahmaputra	SW225	Jamalpur	09-Apr-80	11.6
Old Brahmaputra	SW225	Jamalpur	10-Apr-80	11.6
Old Brahmaputra	SW225	Jamalpur	11-Apr-80	11.6
Old Brahmaputra	SW225	Jamalpur	12-Apr-80	11.6

Old Brahmaputra	SW225	Jamalpur	13-Apr-80	11.6
Old Brahmaputra	SW225	Jamalpur	14-Apr-80	11.6
Old Brahmaputra	SW225	Jamalpur	15-Apr-80	11.58
Old Brahmaputra	SW225	Jamalpur	16-Apr-80	11.58
Old Brahmaputra	SW225	Jamalpur	17-Apr-80	11.58
Old Brahmaputra	SW225	Jamalpur	18-Apr-80	11.57
Old Brahmaputra	SW225	Jamalpur	19-Apr-80	11.57
Old Brahmaputra	SW225	Jamalpur	20-Apr-80	11.63
Old Brahmaputra	SW225	Jamalpur	21-Apr-80	11.65
Old Brahmaputra	SW225	Jamalpur	22-Apr-80	11.73
Old Brahmaputra	SW225	Jamalpur	23-Apr-80	11.9
Old Brahmaputra	SW225	Jamalpur	24-Apr-80	12.06
Old Brahmaputra	SW225	Jamalpur	25-Apr-80	12.18
Old Brahmaputra	SW225	Jamalpur	26-Apr-80	12.25
Old Brahmaputra	SW225	Jamalpur	27-Apr-80	12.3
Old Brahmaputra	SW225	Jamalpur	28-Apr-80	12.32
Old Brahmaputra	SW225	Jamalpur	29-Apr-80	12.36
Old Brahmaputra	SW225	Jamalpur	30-Apr-80	13.18
Old Brahmaputra	SW225	Jamalpur	01-May-80	12.89
Old Brahmaputra	SW225	Jamalpur	02-May-80	13.56
Old Brahmaputra	SW225	Jamalpur	03-May-80	13.59
Old Brahmaputra	SW225	Jamalpur	04-May-80	13.69
Old Brahmaputra	SW225	Jamalpur	05-May-80	13.87
Old Brahmaputra	SW225	Jamalpur	06-May-80	13.75
Old Brahmaputra	SW225	Jamalpur	07-May-80	13.56
Old Brahmaputra	SW225	Jamalpur	08-May-80	13.45
Old Brahmaputra	SW225	Jamalpur	09-May-80	13.43
Old Brahmaputra	SW225	Jamalpur	10-May-80	13.38
Old Brahmaputra	SW225	Jamalpur	11-May-80	13.36
Old Brahmaputra	SW225	Jamalpur	12-May-80	13.35
Old Brahmaputra	SW225	Jamalpur	13-May-80	13.34
Old Brahmaputra	SW225	Jamalpur	14-May-80	13.35
Old Brahmaputra	SW225	Jamalpur	15-May-80	13.39
Old Brahmaputra	SW225	Jamalpur	16-May-80	13.44
Old Brahmaputra	SW225	Jamalpur	17-May-80	13.29
Old Brahmaputra	SW225	Jamalpur	18-May-80	13.23
Old Brahmaputra	SW225	Jamalpur	19-May-80	13.27
Old Brahmaputra	SW225	Jamalpur	20-May-80	13.36
Old Brahmaputra	SW225	Jamalpur	21-May-80	13.36
Old Brahmaputra	SW225	Jamalpur	22-May-80	13.38
Old Brahmaputra	SW225	Jamalpur	23-May-80	13.38
Old Brahmaputra	SW225	Jamalpur	24-May-80	13.43
Old Brahmaputra	SW225	Jamalpur	25-May-80	13.51
Old Brahmaputra	SW225	Jamalpur	26-May-80	13.48
Old Brahmaputra	SW225	Jamalpur	27-May-80	13.44
Old Brahmaputra	SW225	Jamalpur	28-May-80	13.36
Old Brahmaputra	SW225	Jamalpur	29-May-80	13.4
Old Brahmaputra	SW225	Jamalpur	30-May-80	13.49
Old Brahmaputra	SW225	Jamalpur	31-May-80	13.34
Old Brahmaputra	SW225	Jamalpur	01-Jun-80	13.29

Old Brahmaputra	SW225	Jamalpur	02-Jun-80	13.29
Old Brahmaputra	SW225	Jamalpur	03-Jun-80	13.31
Old Brahmaputra	SW225	Jamalpur	04-Jun-80	13.32
Old Brahmaputra	SW225	Jamalpur	05-Jun-80	13.35
Old Brahmaputra	SW225	Jamalpur	06-Jun-80	13.35
Old Brahmaputra	SW225	Jamalpur	07-Jun-80	13.34
Old Brahmaputra	SW225	Jamalpur	08-Jun-80	13.25
Old Brahmaputra	SW225	Jamalpur	09-Jun-80	13.26
Old Brahmaputra	SW225	Jamalpur	10-Jun-80	13.44
Old Brahmaputra	SW225	Jamalpur	11-Jun-80	13.5
Old Brahmaputra	SW225	Jamalpur	12-Jun-80	13.9
Old Brahmaputra	SW225	Jamalpur	13-Jun-80	14.39
Old Brahmaputra	SW225	Jamalpur	14-Jun-80	14.69
Old Brahmaputra	SW225	Jamalpur	15-Jun-80	14.91
Old Brahmaputra	SW225	Jamalpur	16-Jun-80	15.13
Old Brahmaputra	SW225	Jamalpur	17-Jun-80	15.32
Old Brahmaputra	SW225	Jamalpur	18-Jun-80	15.41
Old Brahmaputra	SW225	Jamalpur	19-Jun-80	15.41
Old Brahmaputra	SW225	Jamalpur	20-Jun-80	15.39
Old Brahmaputra	SW225	Jamalpur	21-Jun-80	15.45
Old Brahmaputra	SW225	Jamalpur	22-Jun-80	15.52
Old Brahmaputra	SW225	Jamalpur	23-Jun-80	15.65
Old Brahmaputra	SW225	Jamalpur	24-Jun-80	15.75
Old Brahmaputra	SW225	Jamalpur	25-Jun-80	15.82
Old Brahmaputra	SW225	Jamalpur	26-Jun-80	15.8
Old Brahmaputra	SW225	Jamalpur	27-Jun-80	15.72
Old Brahmaputra	SW225	Jamalpur	28-Jun-80	15.64
Old Brahmaputra	SW225	Jamalpur	29-Jun-80	15.58
Old Brahmaputra	SW225	Jamalpur	30-Jun-80	15.57
Old Brahmaputra	SW225	Jamalpur	01-Jul-80	15.53
Old Brahmaputra	SW225	Jamalpur	02-Jul-80	15.42
Old Brahmaputra	SW225	Jamalpur	03-Jul-80	15.33
Old Brahmaputra	SW225	Jamalpur	04-Jul-80	15.3
Old Brahmaputra	SW225	Jamalpur	05-Jul-80	15.28
Old Brahmaputra	SW225	Jamalpur	06-Jul-80	15.25
Old Brahmaputra	SW225	Jamalpur	07-Jul-80	15.23
Old Brahmaputra	SW225	Jamalpur	08-Jul-80	15.22
Old Brahmaputra	SW225	Jamalpur	09-Jul-80	15.3
Old Brahmaputra	SW225	Jamalpur	10-Jul-80	15.31
Old Brahmaputra	SW225	Jamalpur	11-Jul-80	15.34
Old Brahmaputra	SW225	Jamalpur	12-Jul-80	15.39
Old Brahmaputra	SW225	Jamalpur	13-Jul-80	15.45
Old Brahmaputra	SW225	Jamalpur	14-Jul-80	15.5
Old Brahmaputra	SW225	Jamalpur	15-Jul-80	15.57
Old Brahmaputra	SW225	Jamalpur	16-Jul-80	15.68
Old Brahmaputra	SW225	Jamalpur	17-Jul-80	15.78
Old Brahmaputra	SW225	Jamalpur	18-Jul-80	16.04
Old Brahmaputra	SW225	Jamalpur	19-Jul-80	16.21
Old Brahmaputra	SW225	Jamalpur	20-Jul-80	16.31
Old Brahmaputra	SW225	Jamalpur	21-Jul-80	16.43

Old Brahmaputra	SW225	Jamalpur	22-Jul-80	16.55
Old Brahmaputra	SW225	Jamalpur	23-Jul-80	16.71
Old Brahmaputra	SW225	Jamalpur	24-Jul-80	16.84
Old Brahmaputra	SW225	Jamalpur	25-Jul-80	16.93
Old Brahmaputra	SW225	Jamalpur	26-Jul-80	16.95
Old Brahmaputra	SW225	Jamalpur	27-Jul-80	16.86
Old Brahmaputra	SW225	Jamalpur	28-Jul-80	16.72
Old Brahmaputra	SW225	Jamalpur	29-Jul-80	16.52
Old Brahmaputra	SW225	Jamalpur	30-Jul-80	16.35
Old Brahmaputra	SW225	Jamalpur	31-Jul-80	16.23
Old Brahmaputra	SW225	Jamalpur	01-Aug-80	16.15
Old Brahmaputra	SW225	Jamalpur	02-Aug-80	16.12
Old Brahmaputra	SW225	Jamalpur	03-Aug-80	16.11
Old Brahmaputra	SW225	Jamalpur	04-Aug-80	16.13
Old Brahmaputra	SW225	Jamalpur	05-Aug-80	16.16
Old Brahmaputra	SW225	Jamalpur	06-Aug-80	16.22
Old Brahmaputra	SW225	Jamalpur	07-Aug-80	16.32
Old Brahmaputra	SW225	Jamalpur	08-Aug-80	16.38
Old Brahmaputra	SW225	Jamalpur	09-Aug-80	16.44
Old Brahmaputra	SW225	Jamalpur	10-Aug-80	16.52
Old Brahmaputra	SW225	Jamalpur	11-Aug-80	16.61
Old Brahmaputra	SW225	Jamalpur	12-Aug-80	16.65
Old Brahmaputra	SW225	Jamalpur	13-Aug-80	16.71
Old Brahmaputra	SW225	Jamalpur	14-Aug-80	16.78
Old Brahmaputra	SW225	Jamalpur	15-Aug-80	16.84
Old Brahmaputra	SW225	Jamalpur	16-Aug-80	16.88
Old Brahmaputra	SW225	Jamalpur	17-Aug-80	16.94
Old Brahmaputra	SW225	Jamalpur	18-Aug-80	17.06
Old Brahmaputra	SW225	Jamalpur	19-Aug-80	17.24
Old Brahmaputra	SW225	Jamalpur	20-Aug-80	17.34
Old Brahmaputra	SW225	Jamalpur	21-Aug-80	17.38
Old Brahmaputra	SW225	Jamalpur	22-Aug-80	17.4
Old Brahmaputra	SW225	Jamalpur	23-Aug-80	17.34
Old Brahmaputra	SW225	Jamalpur	24-Aug-80	17.28
Old Brahmaputra	SW225	Jamalpur	25-Aug-80	17.22
Old Brahmaputra	SW225	Jamalpur	26-Aug-80	16.98
Old Brahmaputra	SW225	Jamalpur	27-Aug-80	16.78
Old Brahmaputra	SW225	Jamalpur	28-Aug-80	16.69
Old Brahmaputra	SW225	Jamalpur	29-Aug-80	16.6
Old Brahmaputra	SW225	Jamalpur	30-Aug-80	16.46
Old Brahmaputra	SW225	Jamalpur	31-Aug-80	16.35
Old Brahmaputra	SW225	Jamalpur	01-Sep-80	16.23
Old Brahmaputra	SW225	Jamalpur	02-Sep-80	16.08
Old Brahmaputra	SW225	Jamalpur	03-Sep-80	15.96
Old Brahmaputra	SW225	Jamalpur	04-Sep-80	15.83
Old Brahmaputra	SW225	Jamalpur	05-Sep-80	15.74
Old Brahmaputra	SW225	Jamalpur	06-Sep-80	15.68
Old Brahmaputra	SW225	Jamalpur	07-Sep-80	15.66
Old Brahmaputra	SW225	Jamalpur	08-Sep-80	15.59
Old Brahmaputra	SW225	Jamalpur	09-Sep-80	15.49

Old Brahmaputra	SW225	Jamalpur	10-Sep-80	15.36
Old Brahmaputra	SW225	Jamalpur	11-Sep-80	15.22
Old Brahmaputra	SW225	Jamalpur	12-Sep-80	15.17
Old Brahmaputra	SW225	Jamalpur	13-Sep-80	15.15
Old Brahmaputra	SW225	Jamalpur	14-Sep-80	15.16
Old Brahmaputra	SW225	Jamalpur	15-Sep-80	15.16
Old Brahmaputra	SW225	Jamalpur	16-Sep-80	15.11
Old Brahmaputra	SW225	Jamalpur	17-Sep-80	15.09
Old Brahmaputra	SW225	Jamalpur	18-Sep-80	15.1
Old Brahmaputra	SW225	Jamalpur	19-Sep-80	15.12
Old Brahmaputra	SW225	Jamalpur	20-Sep-80	15.14
Old Brahmaputra	SW225	Jamalpur	21-Sep-80	15.16
Old Brahmaputra	SW225	Jamalpur	22-Sep-80	15.14
Old Brahmaputra	SW225	Jamalpur	23-Sep-80	15.08
Old Brahmaputra	SW225	Jamalpur	24-Sep-80	15.07
Old Brahmaputra	SW225	Jamalpur	25-Sep-80	15.16
Old Brahmaputra	SW225	Jamalpur	26-Sep-80	15.34
Old Brahmaputra	SW225	Jamalpur	27-Sep-80	15.39
Old Brahmaputra	SW225	Jamalpur	28-Sep-80	15.42
Old Brahmaputra	SW225	Jamalpur	29-Sep-80	15.47
Old Brahmaputra	SW225	Jamalpur	30-Sep-80	15.5
Old Brahmaputra	SW225	Jamalpur	01-Oct-80	15.51
Old Brahmaputra	SW225	Jamalpur	02-Oct-80	15.5
Old Brahmaputra	SW225	Jamalpur	03-Oct-80	15.49
Old Brahmaputra	SW225	Jamalpur	04-Oct-80	15.42
Old Brahmaputra	SW225	Jamalpur	05-Oct-80	15.32
Old Brahmaputra	SW225	Jamalpur	06-Oct-80	15.23
Old Brahmaputra	SW225	Jamalpur	07-Oct-80	15.04
Old Brahmaputra	SW225	Jamalpur	08-Oct-80	14.92
Old Brahmaputra	SW225	Jamalpur	09-Oct-80	14.81
Old Brahmaputra	SW225	Jamalpur	10-Oct-80	14.77
Old Brahmaputra	SW225	Jamalpur	11-Oct-80	14.71
Old Brahmaputra	SW225	Jamalpur	12-Oct-80	14.63
Old Brahmaputra	SW225	Jamalpur	13-Oct-80	14.47
Old Brahmaputra	SW225	Jamalpur	14-Oct-80	14.34
Old Brahmaputra	SW225	Jamalpur	15-Oct-80	14.17
Old Brahmaputra	SW225	Jamalpur	16-Oct-80	13.99
Old Brahmaputra	SW225	Jamalpur	17-Oct-80	13.85
Old Brahmaputra	SW225	Jamalpur	18-Oct-80	13.7
Old Brahmaputra	SW225	Jamalpur	19-Oct-80	13.61
Old Brahmaputra	SW225	Jamalpur	20-Oct-80	13.55
Old Brahmaputra	SW225	Jamalpur	21-Oct-80	14.11
Old Brahmaputra	SW225	Jamalpur	22-Oct-80	13.75
Old Brahmaputra	SW225	Jamalpur	23-Oct-80	13.5
Old Brahmaputra	SW225	Jamalpur	24-Oct-80	13.41
Old Brahmaputra	SW225	Jamalpur	25-Oct-80	13.41
Old Brahmaputra	SW225	Jamalpur	26-Oct-80	13.4
Old Brahmaputra	SW225	Jamalpur	27-Oct-80	13.56
Old Brahmaputra	SW225	Jamalpur	28-Oct-80	13.79
Old Brahmaputra	SW225	Jamalpur	29-Oct-80	13.82

Old Brahmaputra	SW225	Jamalpur	30-Oct-80	13.67
Old Brahmaputra	SW225	Jamalpur	31-Oct-80	13.46
Old Brahmaputra	SW225	Jamalpur	01-Nov-80	13.3
Old Brahmaputra	SW225	Jamalpur	02-Nov-80	13.15
Old Brahmaputra	SW225	Jamalpur	03-Nov-80	13.05
Old Brahmaputra	SW225	Jamalpur	04-Nov-80	12.95
Old Brahmaputra	SW225	Jamalpur	05-Nov-80	12.86
Old Brahmaputra	SW225	Jamalpur	06-Nov-80	12.8
Old Brahmaputra	SW225	Jamalpur	07-Nov-80	12.73
Old Brahmaputra	SW225	Jamalpur	08-Nov-80	12.67
Old Brahmaputra	SW225	Jamalpur	09-Nov-80	12.56
Old Brahmaputra	SW225	Jamalpur	10-Nov-80	12.52
Old Brahmaputra	SW225	Jamalpur	11-Nov-80	12.49
Old Brahmaputra	SW225	Jamalpur	12-Nov-80	12.43
Old Brahmaputra	SW225	Jamalpur	13-Nov-80	12.4
Old Brahmaputra	SW225	Jamalpur	14-Nov-80	12.38
Old Brahmaputra	SW225	Jamalpur	15-Nov-80	12.35
Old Brahmaputra	SW225	Jamalpur	16-Nov-80	12.32
Old Brahmaputra	SW225	Jamalpur	17-Nov-80	12.29
Old Brahmaputra	SW225	Jamalpur	18-Nov-80	12.25
Old Brahmaputra	SW225	Jamalpur	19-Nov-80	12.24
Old Brahmaputra	SW225	Jamalpur	20-Nov-80	12.22
Old Brahmaputra	SW225	Jamalpur	21-Nov-80	12.19
Old Brahmaputra	SW225	Jamalpur	22-Nov-80	12.18
Old Brahmaputra	SW225	Jamalpur	23-Nov-80	12.16
Old Brahmaputra	SW225	Jamalpur	24-Nov-80	12.13
Old Brahmaputra	SW225	Jamalpur	25-Nov-80	12.13
Old Brahmaputra	SW225	Jamalpur	26-Nov-80	12.12
Old Brahmaputra	SW225	Jamalpur	27-Nov-80	12.12
Old Brahmaputra	SW225	Jamalpur	28-Nov-80	12.13
Old Brahmaputra	SW225	Jamalpur	29-Nov-80	12.09
Old Brahmaputra	SW225	Jamalpur	30-Nov-80	12.07
Old Brahmaputra	SW225	Jamalpur	01-Dec-80	12.06
Old Brahmaputra	SW225	Jamalpur	02-Dec-80	12.06
Old Brahmaputra	SW225	Jamalpur	03-Dec-80	12.04
Old Brahmaputra	SW225	Jamalpur	04-Dec-80	12.04
Old Brahmaputra	SW225	Jamalpur	05-Dec-80	12.04
Old Brahmaputra	SW225	Jamalpur	06-Dec-80	12.02
Old Brahmaputra	SW225	Jamalpur	07-Dec-80	12.02
Old Brahmaputra	SW225	Jamalpur	08-Dec-80	12.02
Old Brahmaputra	SW225	Jamalpur	09-Dec-80	12.01
Old Brahmaputra	SW225	Jamalpur	10-Dec-80	12.01
Old Brahmaputra	SW225	Jamalpur	11-Dec-80	12.01
Old Brahmaputra	SW225	Jamalpur	12-Dec-80	12.01
Old Brahmaputra	SW225	Jamalpur	13-Dec-80	11.99
Old Brahmaputra	SW225	Jamalpur	14-Dec-80	11.99
Old Brahmaputra	SW225	Jamalpur	15-Dec-80	11.99
Old Brahmaputra	SW225	Jamalpur	16-Dec-80	11.99
Old Brahmaputra	SW225	Jamalpur	17-Dec-80	11.98
Old Brahmaputra	SW225	Jamalpur	18-Dec-80	11.98

Old Brahmaputra	SW225	Jamalpur	19-Dec-80	11.98
Old Brahmaputra	SW225	Jamalpur	20-Dec-80	11.98
Old Brahmaputra	SW225	Jamalpur	21-Dec-80	11.98
Old Brahmaputra	SW225	Jamalpur	22-Dec-80	11.96
Old Brahmaputra	SW225	Jamalpur	23-Dec-80	11.96
Old Brahmaputra	SW225	Jamalpur	24-Dec-80	11.96
Old Brahmaputra	SW225	Jamalpur	25-Dec-80	11.96
Old Brahmaputra	SW225	Jamalpur	26-Dec-80	11.95
Old Brahmaputra	SW225	Jamalpur	27-Dec-80	11.95
Old Brahmaputra	SW225	Jamalpur	28-Dec-80	11.95
Old Brahmaputra	SW225	Jamalpur	29-Dec-80	11.95
Old Brahmaputra	SW225	Jamalpur	30-Dec-80	11.95
Old Brahmaputra	SW225	Jamalpur	31-Dec-80	11.95
Old Brahmaputra	SW225	Jamalpur	01-Jan-81	11.95
Old Brahmaputra	SW225	Jamalpur	02-Jan-81	11.95
Old Brahmaputra	SW225	Jamalpur	03-Jan-81	11.93
Old Brahmaputra	SW225	Jamalpur	04-Jan-81	11.93
Old Brahmaputra	SW225	Jamalpur	05-Jan-81	11.93
Old Brahmaputra	SW225	Jamalpur	06-Jan-81	11.93
Old Brahmaputra	SW225	Jamalpur	07-Jan-81	11.92
Old Brahmaputra	SW225	Jamalpur	08-Jan-81	11.93
Old Brahmaputra	SW225	Jamalpur	09-Jan-81	11.95
Old Brahmaputra	SW225	Jamalpur	10-Jan-81	11.95
Old Brahmaputra	SW225	Jamalpur	11-Jan-81	11.93
Old Brahmaputra	SW225	Jamalpur	12-Jan-81	11.93
Old Brahmaputra	SW225	Jamalpur	13-Jan-81	11.93
Old Brahmaputra	SW225	Jamalpur	14-Jan-81	11.92
Old Brahmaputra	SW225	Jamalpur	15-Jan-81	11.92
Old Brahmaputra	SW225	Jamalpur	16-Jan-81	11.92
Old Brahmaputra	SW225	Jamalpur	17-Jan-81	11.92
Old Brahmaputra	SW225	Jamalpur	18-Jan-81	11.9
Old Brahmaputra	SW225	Jamalpur	19-Jan-81	11.9
Old Brahmaputra	SW225	Jamalpur	20-Jan-81	11.9
Old Brahmaputra	SW225	Jamalpur	21-Jan-81	11.9
Old Brahmaputra	SW225	Jamalpur	22-Jan-81	11.9
Old Brahmaputra	SW225	Jamalpur	23-Jan-81	11.87
Old Brahmaputra	SW225	Jamalpur	24-Jan-81	11.81
Old Brahmaputra	SW225	Jamalpur	25-Jan-81	11.8
Old Brahmaputra	SW225	Jamalpur	26-Jan-81	11.8
Old Brahmaputra	SW225	Jamalpur	27-Jan-81	11.8
Old Brahmaputra	SW225	Jamalpur	28-Jan-81	11.8
Old Brahmaputra	SW225	Jamalpur	29-Jan-81	11.8
Old Brahmaputra	SW225	Jamalpur	30-Jan-81	11.8
Old Brahmaputra	SW225	Jamalpur	31-Jan-81	11.8
Old Brahmaputra	SW225	Jamalpur	01-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	02-Feb-81	11.81
Old Brahmaputra	SW225	Jamalpur	03-Feb-81	11.81
Old Brahmaputra	SW225	Jamalpur	04-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	05-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	06-Feb-81	11.8

Old Brahmaputra	SW225	Jamalpur	07-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	08-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	09-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	10-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	11-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	12-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	13-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	14-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	15-Feb-81	11.78
Old Brahmaputra	SW225	Jamalpur	16-Feb-81	11.78
Old Brahmaputra	SW225	Jamalpur	17-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	18-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	19-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	20-Feb-81	11.8
Old Brahmaputra	SW225	Jamalpur	21-Feb-81	11.78
Old Brahmaputra	SW225	Jamalpur	22-Feb-81	11.78
Old Brahmaputra	SW225	Jamalpur	23-Feb-81	11.78
Old Brahmaputra	SW225	Jamalpur	24-Feb-81	11.78
Old Brahmaputra	SW225	Jamalpur	25-Feb-81	11.78
Old Brahmaputra	SW225	Jamalpur	26-Feb-81	11.78
Old Brahmaputra	SW225	Jamalpur	27-Feb-81	11.78
Old Brahmaputra	SW225	Jamalpur	28-Feb-81	11.78
Old Brahmaputra	SW225	Jamalpur	01-Mar-81	11.78
Old Brahmaputra	SW225	Jamalpur	02-Mar-81	11.77
Old Brahmaputra	SW225	Jamalpur	03-Mar-81	11.77
Old Brahmaputra	SW225	Jamalpur	04-Mar-81	11.77
Old Brahmaputra	SW225	Jamalpur	05-Mar-81	11.77
Old Brahmaputra	SW225	Jamalpur	06-Mar-81	11.77
Old Brahmaputra	SW225	Jamalpur	07-Mar-81	11.77
Old Brahmaputra	SW225	Jamalpur	08-Mar-81	11.77
Old Brahmaputra	SW225	Jamalpur	09-Mar-81	11.75
Old Brahmaputra	SW225	Jamalpur	10-Mar-81	11.75
Old Brahmaputra	SW225	Jamalpur	11-Mar-81	11.75
Old Brahmaputra	SW225	Jamalpur	12-Mar-81	11.75
Old Brahmaputra	SW225	Jamalpur	13-Mar-81	11.75
Old Brahmaputra	SW225	Jamalpur	14-Mar-81	11.75
Old Brahmaputra	SW225	Jamalpur	15-Mar-81	11.75
Old Brahmaputra	SW225	Jamalpur	16-Mar-81	11.75
Old Brahmaputra	SW225	Jamalpur	17-Mar-81	11.75
Old Brahmaputra	SW225	Jamalpur	18-Mar-81	11.75
Old Brahmaputra	SW225	Jamalpur	19-Mar-81	11.73
Old Brahmaputra	SW225	Jamalpur	20-Mar-81	11.73
Old Brahmaputra	SW225	Jamalpur	21-Mar-81	11.73
Old Brahmaputra	SW225	Jamalpur	22-Mar-81	11.73
Old Brahmaputra	SW225	Jamalpur	23-Mar-81	11.73
Old Brahmaputra	SW225	Jamalpur	24-Mar-81	11.72
Old Brahmaputra	SW225	Jamalpur	25-Mar-81	11.72
Old Brahmaputra	SW225	Jamalpur	26-Mar-81	11.73
Old Brahmaputra	SW225	Jamalpur	27-Mar-81	11.73
Old Brahmaputra	SW225	Jamalpur	28-Mar-81	11.73

Old Brahmaputra	SW225	Jamalpur	29-Mar-81	11.73
Old Brahmaputra	SW225	Jamalpur	30-Mar-81	11.72
Old Brahmaputra	SW225	Jamalpur	31-Mar-81	11.72
Old Brahmaputra	SW225	Jamalpur	01-Apr-81	11.75
Old Brahmaputra	SW225	Jamalpur	02-Apr-81	11.75
Old Brahmaputra	SW225	Jamalpur	03-Apr-81	11.75
Old Brahmaputra	SW225	Jamalpur	04-Apr-81	11.75
Old Brahmaputra	SW225	Jamalpur	05-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	06-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	07-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	08-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	09-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	10-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	11-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	12-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	13-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	14-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	15-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	16-Apr-81	11.73
Old Brahmaputra	SW225	Jamalpur	17-Apr-81	11.77
Old Brahmaputra	SW225	Jamalpur	18-Apr-81	11.84
Old Brahmaputra	SW225	Jamalpur	19-Apr-81	11.95
Old Brahmaputra	SW225	Jamalpur	20-Apr-81	11.93
Old Brahmaputra	SW225	Jamalpur	21-Apr-81	11.79
Old Brahmaputra	SW225	Jamalpur	22-Apr-81	11.93
Old Brahmaputra	SW225	Jamalpur	23-Apr-81	11.81
Old Brahmaputra	SW225	Jamalpur	24-Apr-81	11.81
Old Brahmaputra	SW225	Jamalpur	25-Apr-81	11.8
Old Brahmaputra	SW225	Jamalpur	26-Apr-81	11.8
Old Brahmaputra	SW225	Jamalpur	27-Apr-81	11.81
Old Brahmaputra	SW225	Jamalpur	28-Apr-81	11.82
Old Brahmaputra	SW225	Jamalpur	29-Apr-81	11.91
Old Brahmaputra	SW225	Jamalpur	30-Apr-81	11.97
Old Brahmaputra	SW225	Jamalpur	01-May-81	11.98
Old Brahmaputra	SW225	Jamalpur	02-May-81	11.97
Old Brahmaputra	SW225	Jamalpur	03-May-81	11.94
Old Brahmaputra	SW225	Jamalpur	04-May-81	11.97
Old Brahmaputra	SW225	Jamalpur	05-May-81	11.95
Old Brahmaputra	SW225	Jamalpur	06-May-81	11.97
Old Brahmaputra	SW225	Jamalpur	07-May-81	11.91
Old Brahmaputra	SW225	Jamalpur	08-May-81	11.89
Old Brahmaputra	SW225	Jamalpur	09-May-81	11.87
Old Brahmaputra	SW225	Jamalpur	10-May-81	11.85
Old Brahmaputra	SW225	Jamalpur	11-May-81	11.91
Old Brahmaputra	SW225	Jamalpur	12-May-81	11.91
Old Brahmaputra	SW225	Jamalpur	13-May-81	11.95
Old Brahmaputra	SW225	Jamalpur	14-May-81	11.97
Old Brahmaputra	SW225	Jamalpur	15-May-81	12.07
Old Brahmaputra	SW225	Jamalpur	16-May-81	12.19
Old Brahmaputra	SW225	Jamalpur	17-May-81	12.31

Old Brahmaputra	SW225	Jamalpur	18-May-81	12.45
Old Brahmaputra	SW225	Jamalpur	19-May-81	12.59
Old Brahmaputra	SW225	Jamalpur	20-May-81	12.68
Old Brahmaputra	SW225	Jamalpur	21-May-81	12.66
Old Brahmaputra	SW225	Jamalpur	22-May-81	12.56
Old Brahmaputra	SW225	Jamalpur	23-May-81	12.52
Old Brahmaputra	SW225	Jamalpur	24-May-81	12.52
Old Brahmaputra	SW225	Jamalpur	25-May-81	12.66
Old Brahmaputra	SW225	Jamalpur	26-May-81	12.56
Old Brahmaputra	SW225	Jamalpur	27-May-81	12.49
Old Brahmaputra	SW225	Jamalpur	28-May-81	12.52
Old Brahmaputra	SW225	Jamalpur	29-May-81	12.56
Old Brahmaputra	SW225	Jamalpur	30-May-81	12.52
Old Brahmaputra	SW225	Jamalpur	31-May-81	12.54
Old Brahmaputra	SW225	Jamalpur	01-Jun-81	12.7
Old Brahmaputra	SW225	Jamalpur	02-Jun-81	12.98
Old Brahmaputra	SW225	Jamalpur	03-Jun-81	13.23
Old Brahmaputra	SW225	Jamalpur	04-Jun-81	13.6
Old Brahmaputra	SW225	Jamalpur	05-Jun-81	13.88
Old Brahmaputra	SW225	Jamalpur	06-Jun-81	13.96
Old Brahmaputra	SW225	Jamalpur	07-Jun-81	13.85
Old Brahmaputra	SW225	Jamalpur	08-Jun-81	13.69
Old Brahmaputra	SW225	Jamalpur	09-Jun-81	13.53
Old Brahmaputra	SW225	Jamalpur	10-Jun-81	13.4
Old Brahmaputra	SW225	Jamalpur	11-Jun-81	13.35
Old Brahmaputra	SW225	Jamalpur	12-Jun-81	13.4
Old Brahmaputra	SW225	Jamalpur	13-Jun-81	13.52
Old Brahmaputra	SW225	Jamalpur	14-Jun-81	13.56
Old Brahmaputra	SW225	Jamalpur	15-Jun-81	13.49
Old Brahmaputra	SW225	Jamalpur	16-Jun-81	13.44
Old Brahmaputra	SW225	Jamalpur	17-Jun-81	13.38
Old Brahmaputra	SW225	Jamalpur	18-Jun-81	13.35
Old Brahmaputra	SW225	Jamalpur	19-Jun-81	13.44
Old Brahmaputra	SW225	Jamalpur	20-Jun-81	13.52
Old Brahmaputra	SW225	Jamalpur	21-Jun-81	13.61
Old Brahmaputra	SW225	Jamalpur	22-Jun-81	13.67
Old Brahmaputra	SW225	Jamalpur	23-Jun-81	13.74
Old Brahmaputra	SW225	Jamalpur	24-Jun-81	13.85
Old Brahmaputra	SW225	Jamalpur	25-Jun-81	13.91
Old Brahmaputra	SW225	Jamalpur	26-Jun-81	13.97
Old Brahmaputra	SW225	Jamalpur	27-Jun-81	14
Old Brahmaputra	SW225	Jamalpur	28-Jun-81	14.15
Old Brahmaputra	SW225	Jamalpur	29-Jun-81	14.44
Old Brahmaputra	SW225	Jamalpur	30-Jun-81	14.85
Old Brahmaputra	SW225	Jamalpur	01-Jul-81	15.26
Old Brahmaputra	SW225	Jamalpur	02-Jul-81	15.73
Old Brahmaputra	SW225	Jamalpur	03-Jul-81	16.06
Old Brahmaputra	SW225	Jamalpur	04-Jul-81	16.28
Old Brahmaputra	SW225	Jamalpur	05-Jul-81	16.42
Old Brahmaputra	SW225	Jamalpur	06-Jul-81	16.5

Old Brahmaputra	SW225	Jamalpur	07-Jul-81	16.6
Old Brahmaputra	SW225	Jamalpur	08-Jul-81	16.67
Old Brahmaputra	SW225	Jamalpur	09-Jul-81	16.63
Old Brahmaputra	SW225	Jamalpur	10-Jul-81	16.53
Old Brahmaputra	SW225	Jamalpur	11-Jul-81	16.68
Old Brahmaputra	SW225	Jamalpur	12-Jul-81	16.09
Old Brahmaputra	SW225	Jamalpur	13-Jul-81	15.79
Old Brahmaputra	SW225	Jamalpur	14-Jul-81	15.59
Old Brahmaputra	SW225	Jamalpur	15-Jul-81	15.42
Old Brahmaputra	SW225	Jamalpur	16-Jul-81	15.36
Old Brahmaputra	SW225	Jamalpur	17-Jul-81	15.6
Old Brahmaputra	SW225	Jamalpur	18-Jul-81	15.82
Old Brahmaputra	SW225	Jamalpur	19-Jul-81	16
Old Brahmaputra	SW225	Jamalpur	20-Jul-81	16.22
Old Brahmaputra	SW225	Jamalpur	21-Jul-81	16.3
Old Brahmaputra	SW225	Jamalpur	22-Jul-81	16.34
Old Brahmaputra	SW225	Jamalpur	23-Jul-81	16.32
Old Brahmaputra	SW225	Jamalpur	24-Jul-81	16.2
Old Brahmaputra	SW225	Jamalpur	25-Jul-81	16.08
Old Brahmaputra	SW225	Jamalpur	26-Jul-81	15.93
Old Brahmaputra	SW225	Jamalpur	27-Jul-81	15.88
Old Brahmaputra	SW225	Jamalpur	28-Jul-81	15.88
Old Brahmaputra	SW225	Jamalpur	29-Jul-81	15.89
Old Brahmaputra	SW225	Jamalpur	30-Jul-81	15.94
Old Brahmaputra	SW225	Jamalpur	31-Jul-81	15.06
Old Brahmaputra	SW225	Jamalpur	01-Aug-81	15.1
Old Brahmaputra	SW225	Jamalpur	02-Aug-81	16.09
Old Brahmaputra	SW225	Jamalpur	03-Aug-81	16.13
Old Brahmaputra	SW225	Jamalpur	04-Aug-81	16.16
Old Brahmaputra	SW225	Jamalpur	05-Aug-81	16.17
Old Brahmaputra	SW225	Jamalpur	06-Aug-81	16.17
Old Brahmaputra	SW225	Jamalpur	07-Aug-81	16.11
Old Brahmaputra	SW225	Jamalpur	08-Aug-81	15.98
Old Brahmaputra	SW225	Jamalpur	09-Aug-81	15.84
Old Brahmaputra	SW225	Jamalpur	10-Aug-81	15.68
Old Brahmaputra	SW225	Jamalpur	11-Aug-81	15.57
Old Brahmaputra	SW225	Jamalpur	12-Aug-81	15.4
Old Brahmaputra	SW225	Jamalpur	13-Aug-81	15.35
Old Brahmaputra	SW225	Jamalpur	14-Aug-81	15.28
Old Brahmaputra	SW225	Jamalpur	15-Aug-81	15.25
Old Brahmaputra	SW225	Jamalpur	16-Aug-81	15.36
Old Brahmaputra	SW225	Jamalpur	17-Aug-81	15.42
Old Brahmaputra	SW225	Jamalpur	18-Aug-81	15.44
Old Brahmaputra	SW225	Jamalpur	19-Aug-81	15.4
Old Brahmaputra	SW225	Jamalpur	20-Aug-81	15.36
Old Brahmaputra	SW225	Jamalpur	21-Aug-81	15.39
Old Brahmaputra	SW225	Jamalpur	22-Aug-81	15.48
Old Brahmaputra	SW225	Jamalpur	23-Aug-81	15.53
Old Brahmaputra	SW225	Jamalpur	24-Aug-81	15.61
Old Brahmaputra	SW225	Jamalpur	25-Aug-81	15.77

Old Brahmaputra	SW225	Jamalpur	26-Aug-81	15.9
Old Brahmaputra	SW225	Jamalpur	27-Aug-81	16.01
Old Brahmaputra	SW225	Jamalpur	28-Aug-81	16.11
Old Brahmaputra	SW225	Jamalpur	29-Aug-81	16.13
Old Brahmaputra	SW225	Jamalpur	30-Aug-81	16.06
Old Brahmaputra	SW225	Jamalpur	31-Aug-81	16
Old Brahmaputra	SW225	Jamalpur	01-Sep-81	15.95
Old Brahmaputra	SW225	Jamalpur	02-Sep-81	16.06
Old Brahmaputra	SW225	Jamalpur	03-Sep-81	16.01
Old Brahmaputra	SW225	Jamalpur	04-Sep-81	15.94
Old Brahmaputra	SW225	Jamalpur	05-Sep-81	15.88
Old Brahmaputra	SW225	Jamalpur	06-Sep-81	15.84
Old Brahmaputra	SW225	Jamalpur	07-Sep-81	15.77
Old Brahmaputra	SW225	Jamalpur	08-Sep-81	15.71
Old Brahmaputra	SW225	Jamalpur	09-Sep-81	15.63
Old Brahmaputra	SW225	Jamalpur	10-Sep-81	15.63
Old Brahmaputra	SW225	Jamalpur	11-Sep-81	15.57
Old Brahmaputra	SW225	Jamalpur	12-Sep-81	15.57
Old Brahmaputra	SW225	Jamalpur	13-Sep-81	15.65
Old Brahmaputra	SW225	Jamalpur	14-Sep-81	15.71
Old Brahmaputra	SW225	Jamalpur	15-Sep-81	15.77
Old Brahmaputra	SW225	Jamalpur	16-Sep-81	15.77
Old Brahmaputra	SW225	Jamalpur	17-Sep-81	15.71
Old Brahmaputra	SW225	Jamalpur	18-Sep-81	15.69
Old Brahmaputra	SW225	Jamalpur	19-Sep-81	15.68
Old Brahmaputra	SW225	Jamalpur	20-Sep-81	15.64
Old Brahmaputra	SW225	Jamalpur	21-Sep-81	15.57
Old Brahmaputra	SW225	Jamalpur	22-Sep-81	15.48
Old Brahmaputra	SW225	Jamalpur	23-Sep-81	15.36
Old Brahmaputra	SW225	Jamalpur	24-Sep-81	15.26
Old Brahmaputra	SW225	Jamalpur	25-Sep-81	15.12
Old Brahmaputra	SW225	Jamalpur	26-Sep-81	14.75
Old Brahmaputra	SW225	Jamalpur	27-Sep-81	14.52
Old Brahmaputra	SW225	Jamalpur	28-Sep-81	14.35
Old Brahmaputra	SW225	Jamalpur	29-Sep-81	14.22
Old Brahmaputra	SW225	Jamalpur	30-Sep-81	14.15
Old Brahmaputra	SW225	Jamalpur	01-Oct-81	14.1
Old Brahmaputra	SW225	Jamalpur	02-Oct-81	14.08
Old Brahmaputra	SW225	Jamalpur	03-Oct-81	13.94
Old Brahmaputra	SW225	Jamalpur	04-Oct-81	13.87
Old Brahmaputra	SW225	Jamalpur	05-Oct-81	13.81
Old Brahmaputra	SW225	Jamalpur	06-Oct-81	14.11
Old Brahmaputra	SW225	Jamalpur	07-Oct-81	14.23
Old Brahmaputra	SW225	Jamalpur	08-Oct-81	14.27
Old Brahmaputra	SW225	Jamalpur	09-Oct-81	14.11
Old Brahmaputra	SW225	Jamalpur	10-Oct-81	13.99
Old Brahmaputra	SW225	Jamalpur	11-Oct-81	13.79
Old Brahmaputra	SW225	Jamalpur	12-Oct-81	13.65
Old Brahmaputra	SW225	Jamalpur	13-Oct-81	13.55
Old Brahmaputra	SW225	Jamalpur	14-Oct-81	13.44

Old Brahmaputra	SW225	Jamalpur	15-Oct-81	13.34
Old Brahmaputra	SW225	Jamalpur	16-Oct-81	13.24
Old Brahmaputra	SW225	Jamalpur	17-Oct-81	13.15
Old Brahmaputra	SW225	Jamalpur	18-Oct-81	13.07
Old Brahmaputra	SW225	Jamalpur	19-Oct-81	13.01
Old Brahmaputra	SW225	Jamalpur	20-Oct-81	12.97
Old Brahmaputra	SW225	Jamalpur	21-Oct-81	12.86
Old Brahmaputra	SW225	Jamalpur	22-Oct-81	12.76
Old Brahmaputra	SW225	Jamalpur	23-Oct-81	12.68
Old Brahmaputra	SW225	Jamalpur	24-Oct-81	12.62
Old Brahmaputra	SW225	Jamalpur	25-Oct-81	12.6
Old Brahmaputra	SW225	Jamalpur	26-Oct-81	12.56
Old Brahmaputra	SW225	Jamalpur	27-Oct-81	12.52
Old Brahmaputra	SW225	Jamalpur	28-Oct-81	12.49
Old Brahmaputra	SW225	Jamalpur	29-Oct-81	12.47
Old Brahmaputra	SW225	Jamalpur	30-Oct-81	12.44
Old Brahmaputra	SW225	Jamalpur	31-Oct-81	12.4
Old Brahmaputra	SW225	Jamalpur	01-Nov-81	12.39
Old Brahmaputra	SW225	Jamalpur	02-Nov-81	12.36
Old Brahmaputra	SW225	Jamalpur	03-Nov-81	12.35
Old Brahmaputra	SW225	Jamalpur	04-Nov-81	12.35
Old Brahmaputra	SW225	Jamalpur	05-Nov-81	12.33
Old Brahmaputra	SW225	Jamalpur	06-Nov-81	12.31
Old Brahmaputra	SW225	Jamalpur	07-Nov-81	12.28
Old Brahmaputra	SW225	Jamalpur	08-Nov-81	12.24
Old Brahmaputra	SW225	Jamalpur	09-Nov-81	12.22
Old Brahmaputra	SW225	Jamalpur	10-Nov-81	12.19
Old Brahmaputra	SW225	Jamalpur	11-Nov-81	12.18
Old Brahmaputra	SW225	Jamalpur	12-Nov-81	12.16
Old Brahmaputra	SW225	Jamalpur	13-Nov-81	12.16
Old Brahmaputra	SW225	Jamalpur	14-Nov-81	12.16
Old Brahmaputra	SW225	Jamalpur	15-Nov-81	12.15
Old Brahmaputra	SW225	Jamalpur	16-Nov-81	12.13
Old Brahmaputra	SW225	Jamalpur	17-Nov-81	12.1
Old Brahmaputra	SW225	Jamalpur	18-Nov-81	12.1
Old Brahmaputra	SW225	Jamalpur	19-Nov-81	12.07
Old Brahmaputra	SW225	Jamalpur	20-Nov-81	12.06
Old Brahmaputra	SW225	Jamalpur	22-Nov-81	12.02
Old Brahmaputra	SW225	Jamalpur	23-Nov-81	12.01
Old Brahmaputra	SW225	Jamalpur	24-Nov-81	11.99
Old Brahmaputra	SW225	Jamalpur	25-Nov-81	11.99
Old Brahmaputra	SW225	Jamalpur	26-Nov-81	11.97
Old Brahmaputra	SW225	Jamalpur	27-Nov-81	11.97
Old Brahmaputra	SW225	Jamalpur	28-Nov-81	11.95
Old Brahmaputra	SW225	Jamalpur	29-Nov-81	11.94
Old Brahmaputra	SW225	Jamalpur	30-Nov-81	11.94
Old Brahmaputra	SW225	Jamalpur	01-Dec-81	11.93
Old Brahmaputra	SW225	Jamalpur	02-Dec-81	11.93
Old Brahmaputra	SW225	Jamalpur	03-Dec-81	11.92
Old Brahmaputra	SW225	Jamalpur	04-Dec-81	11.91

Old Brahmaputra	SW225	Jamalpur	05-Dec-81	11.9
Old Brahmaputra	SW225	Jamalpur	06-Dec-81	11.89
Old Brahmaputra	SW225	Jamalpur	07-Dec-81	11.89
Old Brahmaputra	SW225	Jamalpur	08-Dec-81	11.88
Old Brahmaputra	SW225	Jamalpur	09-Dec-81	11.88
Old Brahmaputra	SW225	Jamalpur	10-Dec-81	11.87
Old Brahmaputra	SW225	Jamalpur	11-Dec-81	11.95
Old Brahmaputra	SW225	Jamalpur	12-Dec-81	11.92
Old Brahmaputra	SW225	Jamalpur	13-Dec-81	11.92
Old Brahmaputra	SW225	Jamalpur	14-Dec-81	11.9
Old Brahmaputra	SW225	Jamalpur	15-Dec-81	11.88
Old Brahmaputra	SW225	Jamalpur	16-Dec-81	11.88
Old Brahmaputra	SW225	Jamalpur	17-Dec-81	11.87
Old Brahmaputra	SW225	Jamalpur	18-Dec-81	11.87
Old Brahmaputra	SW225	Jamalpur	19-Dec-81	11.86
Old Brahmaputra	SW225	Jamalpur	20-Dec-81	11.86
Old Brahmaputra	SW225	Jamalpur	21-Dec-81	11.86
Old Brahmaputra	SW225	Jamalpur	22-Dec-81	11.85
Old Brahmaputra	SW225	Jamalpur	23-Dec-81	11.84
Old Brahmaputra	SW225	Jamalpur	24-Dec-81	11.84
Old Brahmaputra	SW225	Jamalpur	25-Dec-81	11.84
Old Brahmaputra	SW225	Jamalpur	26-Dec-81	11.84
Old Brahmaputra	SW225	Jamalpur	27-Dec-81	11.83
Old Brahmaputra	SW225	Jamalpur	28-Dec-81	11.84
Old Brahmaputra	SW225	Jamalpur	29-Dec-81	11.84
Old Brahmaputra	SW225	Jamalpur	30-Dec-81	11.84
Old Brahmaputra	SW225	Jamalpur	31-Dec-81	11.84
Old Brahmaputra	SW225	Jamalpur	01-Jan-82	11.83
Old Brahmaputra	SW225	Jamalpur	02-Jan-82	11.83
Old Brahmaputra	SW225	Jamalpur	03-Jan-82	11.83
Old Brahmaputra	SW225	Jamalpur	04-Jan-82	11.82
Old Brahmaputra	SW225	Jamalpur	05-Jan-82	11.82
Old Brahmaputra	SW225	Jamalpur	06-Jan-82	11.82
Old Brahmaputra	SW225	Jamalpur	07-Jan-82	11.82
Old Brahmaputra	SW225	Jamalpur	08-Jan-82	11.81
Old Brahmaputra	SW225	Jamalpur	09-Jan-82	11.81
Old Brahmaputra	SW225	Jamalpur	10-Jan-82	11.81
Old Brahmaputra	SW225	Jamalpur	11-Jan-82	11.81
Old Brahmaputra	SW225	Jamalpur	12-Jan-82	11.8
Old Brahmaputra	SW225	Jamalpur	13-Jan-82	11.8
Old Brahmaputra	SW225	Jamalpur	14-Jan-82	11.8
Old Brahmaputra	SW225	Jamalpur	15-Jan-82	11.8
Old Brahmaputra	SW225	Jamalpur	16-Jan-82	11.79
Old Brahmaputra	SW225	Jamalpur	17-Jan-82	11.79
Old Brahmaputra	SW225	Jamalpur	18-Jan-82	11.79
Old Brahmaputra	SW225	Jamalpur	19-Jan-82	11.8
Old Brahmaputra	SW225	Jamalpur	20-Jan-82	11.79
Old Brahmaputra	SW225	Jamalpur	21-Jan-82	11.79
Old Brahmaputra	SW225	Jamalpur	22-Jan-82	11.79
Old Brahmaputra	SW225	Jamalpur	23-Jan-82	11.78

Old Brahmaputra	SW225	Jamalpur	24-Jan-82	11.78
Old Brahmaputra	SW225	Jamalpur	25-Jan-82	11.78
Old Brahmaputra	SW225	Jamalpur	26-Jan-82	11.77
Old Brahmaputra	SW225	Jamalpur	27-Jan-82	11.77
Old Brahmaputra	SW225	Jamalpur	28-Jan-82	11.77
Old Brahmaputra	SW225	Jamalpur	29-Jan-82	11.77
Old Brahmaputra	SW225	Jamalpur	30-Jan-82	11.76
Old Brahmaputra	SW225	Jamalpur	31-Jan-82	11.76
Old Brahmaputra	SW225	Jamalpur	01-Feb-82	11.76
Old Brahmaputra	SW225	Jamalpur	02-Feb-82	11.75
Old Brahmaputra	SW225	Jamalpur	03-Feb-82	11.75
Old Brahmaputra	SW225	Jamalpur	04-Feb-82	11.75
Old Brahmaputra	SW225	Jamalpur	05-Feb-82	11.75
Old Brahmaputra	SW225	Jamalpur	06-Feb-82	11.75
Old Brahmaputra	SW225	Jamalpur	07-Feb-82	11.74
Old Brahmaputra	SW225	Jamalpur	08-Feb-82	11.74
Old Brahmaputra	SW225	Jamalpur	09-Feb-82	11.74
Old Brahmaputra	SW225	Jamalpur	10-Feb-82	11.74
Old Brahmaputra	SW225	Jamalpur	11-Feb-82	11.74
Old Brahmaputra	SW225	Jamalpur	12-Feb-82	11.74
Old Brahmaputra	SW225	Jamalpur	13-Feb-82	11.73
Old Brahmaputra	SW225	Jamalpur	14-Feb-82	11.73
Old Brahmaputra	SW225	Jamalpur	15-Feb-82	11.73
Old Brahmaputra	SW225	Jamalpur	16-Feb-82	11.73
Old Brahmaputra	SW225	Jamalpur	17-Feb-82	11.73
Old Brahmaputra	SW225	Jamalpur	18-Feb-82	11.74
Old Brahmaputra	SW225	Jamalpur	19-Feb-82	11.74
Old Brahmaputra	SW225	Jamalpur	20-Feb-82	11.73
Old Brahmaputra	SW225	Jamalpur	21-Feb-82	11.73
Old Brahmaputra	SW225	Jamalpur	22-Feb-82	11.72
Old Brahmaputra	SW225	Jamalpur	23-Feb-82	11.72
Old Brahmaputra	SW225	Jamalpur	24-Feb-82	11.72
Old Brahmaputra	SW225	Jamalpur	25-Feb-82	11.72
Old Brahmaputra	SW225	Jamalpur	26-Feb-82	11.71
Old Brahmaputra	SW225	Jamalpur	27-Feb-82	11.71
Old Brahmaputra	SW225	Jamalpur	28-Feb-82	11.7
Old Brahmaputra	SW225	Jamalpur	01-Mar-82	11.7
Old Brahmaputra	SW225	Jamalpur	02-Mar-82	11.75
Old Brahmaputra	SW225	Jamalpur	03-Mar-82	11.75
Old Brahmaputra	SW225	Jamalpur	04-Mar-82	11.75
Old Brahmaputra	SW225	Jamalpur	05-Mar-82	11.75
Old Brahmaputra	SW225	Jamalpur	06-Mar-82	11.75
Old Brahmaputra	SW225	Jamalpur	07-Mar-82	11.74
Old Brahmaputra	SW225	Jamalpur	08-Mar-82	11.74
Old Brahmaputra	SW225	Jamalpur	09-Mar-82	11.74
Old Brahmaputra	SW225	Jamalpur	10-Mar-82	11.74
Old Brahmaputra	SW225	Jamalpur	11-Mar-82	11.69
Old Brahmaputra	SW225	Jamalpur	12-Mar-82	11.69
Old Brahmaputra	SW225	Jamalpur	13-Mar-82	11.68
Old Brahmaputra	SW225	Jamalpur	14-Mar-82	11.68

Old Brahmaputra	SW225	Jamalpur	15-Mar-82	11.68
Old Brahmaputra	SW225	Jamalpur	16-Mar-82	11.68
Old Brahmaputra	SW225	Jamalpur	17-Mar-82	11.69
Old Brahmaputra	SW225	Jamalpur	18-Mar-82	11.7
Old Brahmaputra	SW225	Jamalpur	19-Mar-82	11.7
Old Brahmaputra	SW225	Jamalpur	20-Mar-82	11.7
Old Brahmaputra	SW225	Jamalpur	21-Mar-82	11.69
Old Brahmaputra	SW225	Jamalpur	22-Mar-82	11.69
Old Brahmaputra	SW225	Jamalpur	23-Mar-82	11.68
Old Brahmaputra	SW225	Jamalpur	24-Mar-82	11.68
Old Brahmaputra	SW225	Jamalpur	25-Mar-82	11.67
Old Brahmaputra	SW225	Jamalpur	26-Mar-82	11.67
Old Brahmaputra	SW225	Jamalpur	27-Mar-82	11.68
Old Brahmaputra	SW225	Jamalpur	28-Mar-82	11.68
Old Brahmaputra	SW225	Jamalpur	29-Mar-82	11.67
Old Brahmaputra	SW225	Jamalpur	30-Mar-82	11.67
Old Brahmaputra	SW225	Jamalpur	31-Mar-82	11.68
Old Brahmaputra	SW225	Jamalpur	01-Apr-82	11.67
Old Brahmaputra	SW225	Jamalpur	02-Apr-82	11.66
Old Brahmaputra	SW225	Jamalpur	03-Apr-82	11.66
Old Brahmaputra	SW225	Jamalpur	04-Apr-82	11.67
Old Brahmaputra	SW225	Jamalpur	05-Apr-82	11.67
Old Brahmaputra	SW225	Jamalpur	06-Apr-82	11.67
Old Brahmaputra	SW225	Jamalpur	07-Apr-82	11.67
Old Brahmaputra	SW225	Jamalpur	08-Apr-82	11.68
Old Brahmaputra	SW225	Jamalpur	09-Apr-82	11.68
Old Brahmaputra	SW225	Jamalpur	10-Apr-82	11.68
Old Brahmaputra	SW225	Jamalpur	11-Apr-82	11.68
Old Brahmaputra	SW225	Jamalpur	12-Apr-82	11.7
Old Brahmaputra	SW225	Jamalpur	13-Apr-82	11.76
Old Brahmaputra	SW225	Jamalpur	14-Apr-82	11.81
Old Brahmaputra	SW225	Jamalpur	15-Apr-82	11.9
Old Brahmaputra	SW225	Jamalpur	16-Apr-82	12.02
Old Brahmaputra	SW225	Jamalpur	17-Apr-82	12.11
Old Brahmaputra	SW225	Jamalpur	18-Apr-82	12.16
Old Brahmaputra	SW225	Jamalpur	19-Apr-82	12.13
Old Brahmaputra	SW225	Jamalpur	20-Apr-82	12.09
Old Brahmaputra	SW225	Jamalpur	21-Apr-82	12.07
Old Brahmaputra	SW225	Jamalpur	22-Apr-82	12.07
Old Brahmaputra	SW225	Jamalpur	23-Apr-82	12.07
Old Brahmaputra	SW225	Jamalpur	24-Apr-82	12.09
Old Brahmaputra	SW225	Jamalpur	25-Apr-82	12.1
Old Brahmaputra	SW225	Jamalpur	26-Apr-82	12.06
Old Brahmaputra	SW225	Jamalpur	27-Apr-82	12.11
Old Brahmaputra	SW225	Jamalpur	28-Apr-82	12.19
Old Brahmaputra	SW225	Jamalpur	29-Apr-82	12.23
Old Brahmaputra	SW225	Jamalpur	30-Apr-82	12.26
Old Brahmaputra	SW225	Jamalpur	01-May-82	12.25
Old Brahmaputra	SW225	Jamalpur	02-May-82	12.24
Old Brahmaputra	SW225	Jamalpur	03-May-82	12.22

Old Brahmaputra	SW225	Jamalpur	04-May-82	12.2
Old Brahmaputra	SW225	Jamalpur	05-May-82	12.27
Old Brahmaputra	SW225	Jamalpur	06-May-82	12.48
Old Brahmaputra	SW225	Jamalpur	07-May-82	12.84
Old Brahmaputra	SW225	Jamalpur	08-May-82	12.96
Old Brahmaputra	SW225	Jamalpur	09-May-82	12.86
Old Brahmaputra	SW225	Jamalpur	10-May-82	12.79
Old Brahmaputra	SW225	Jamalpur	11-May-82	12.73
Old Brahmaputra	SW225	Jamalpur	12-May-82	12.65
Old Brahmaputra	SW225	Jamalpur	13-May-82	12.63
Old Brahmaputra	SW225	Jamalpur	14-May-82	12.64
Old Brahmaputra	SW225	Jamalpur	15-May-82	12.66
Old Brahmaputra	SW225	Jamalpur	16-May-82	12.65
Old Brahmaputra	SW225	Jamalpur	17-May-82	12.97
Old Brahmaputra	SW225	Jamalpur	18-May-82	13.61
Old Brahmaputra	SW225	Jamalpur	19-May-82	13.8
Old Brahmaputra	SW225	Jamalpur	20-May-82	13.73
Old Brahmaputra	SW225	Jamalpur	21-May-82	13.56
Old Brahmaputra	SW225	Jamalpur	22-May-82	13.4
Old Brahmaputra	SW225	Jamalpur	23-May-82	13.28
Old Brahmaputra	SW225	Jamalpur	24-May-82	13.19
Old Brahmaputra	SW225	Jamalpur	25-May-82	13.1
Old Brahmaputra	SW225	Jamalpur	26-May-82	12.99
Old Brahmaputra	SW225	Jamalpur	27-May-82	12.86
Old Brahmaputra	SW225	Jamalpur	28-May-82	12.76
Old Brahmaputra	SW225	Jamalpur	29-May-82	12.71
Old Brahmaputra	SW225	Jamalpur	30-May-82	12.8
Old Brahmaputra	SW225	Jamalpur	31-May-82	12.7
Old Brahmaputra	SW225	Jamalpur	01-Jun-82	12.66
Old Brahmaputra	SW225	Jamalpur	02-Jun-82	12.65
Old Brahmaputra	SW225	Jamalpur	03-Jun-82	12.64
Old Brahmaputra	SW225	Jamalpur	04-Jun-82	12.61
Old Brahmaputra	SW225	Jamalpur	05-Jun-82	12.6
Old Brahmaputra	SW225	Jamalpur	06-Jun-82	12.65
Old Brahmaputra	SW225	Jamalpur	07-Jun-82	12.65
Old Brahmaputra	SW225	Jamalpur	08-Jun-82	12.69
Old Brahmaputra	SW225	Jamalpur	09-Jun-82	13.1
Old Brahmaputra	SW225	Jamalpur	10-Jun-82	13.78
Old Brahmaputra	SW225	Jamalpur	11-Jun-82	13.43
Old Brahmaputra	SW225	Jamalpur	12-Jun-82	13.51
Old Brahmaputra	SW225	Jamalpur	13-Jun-82	13.85
Old Brahmaputra	SW225	Jamalpur	14-Jun-82	14.19
Old Brahmaputra	SW225	Jamalpur	15-Jun-82	14.52
Old Brahmaputra	SW225	Jamalpur	16-Jun-82	14.79
Old Brahmaputra	SW225	Jamalpur	17-Jun-82	14.75
Old Brahmaputra	SW225	Jamalpur	18-Jun-82	14.62
Old Brahmaputra	SW225	Jamalpur	19-Jun-82	14.47
Old Brahmaputra	SW225	Jamalpur	20-Jun-82	14.35
Old Brahmaputra	SW225	Jamalpur	21-Jun-82	14.69
Old Brahmaputra	SW225	Jamalpur	22-Jun-82	14.78

Old Brahmaputra	SW225	Jamalpur	23-Jun-82	14.97
Old Brahmaputra	SW225	Jamalpur	24-Jun-82	15.27
Old Brahmaputra	SW225	Jamalpur	25-Jun-82	15.36
Old Brahmaputra	SW225	Jamalpur	26-Jun-82	15.46
Old Brahmaputra	SW225	Jamalpur	27-Jun-82	15.57
Old Brahmaputra	SW225	Jamalpur	28-Jun-82	15.65
Old Brahmaputra	SW225	Jamalpur	29-Jun-82	15.7
Old Brahmaputra	SW225	Jamalpur	30-Jun-82	15.7
Old Brahmaputra	SW225	Jamalpur	01-Jul-82	15.65
Old Brahmaputra	SW225	Jamalpur	02-Jul-82	15.61
Old Brahmaputra	SW225	Jamalpur	03-Jul-82	15.64
Old Brahmaputra	SW225	Jamalpur	04-Jul-82	15.58
Old Brahmaputra	SW225	Jamalpur	05-Jul-82	15.51
Old Brahmaputra	SW225	Jamalpur	06-Jul-82	15.57
Old Brahmaputra	SW225	Jamalpur	07-Jul-82	15.73
Old Brahmaputra	SW225	Jamalpur	08-Jul-82	15.85
Old Brahmaputra	SW225	Jamalpur	09-Jul-82	15.9
Old Brahmaputra	SW225	Jamalpur	10-Jul-82	15.93
Old Brahmaputra	SW225	Jamalpur	11-Jul-82	15.97
Old Brahmaputra	SW225	Jamalpur	12-Jul-82	16.07
Old Brahmaputra	SW225	Jamalpur	13-Jul-82	16.2
Old Brahmaputra	SW225	Jamalpur	14-Jul-82	16.2
Old Brahmaputra	SW225	Jamalpur	15-Jul-82	16.1
Old Brahmaputra	SW225	Jamalpur	16-Jul-82	15.96
Old Brahmaputra	SW225	Jamalpur	17-Jul-82	15.86
Old Brahmaputra	SW225	Jamalpur	18-Jul-82	15.81
Old Brahmaputra	SW225	Jamalpur	19-Jul-82	15.75
Old Brahmaputra	SW225	Jamalpur	20-Jul-82	15.66
Old Brahmaputra	SW225	Jamalpur	21-Jul-82	15.61
Old Brahmaputra	SW225	Jamalpur	22-Jul-82	15.61
Old Brahmaputra	SW225	Jamalpur	23-Jul-82	15.59
Old Brahmaputra	SW225	Jamalpur	24-Jul-82	15.54
Old Brahmaputra	SW225	Jamalpur	25-Jul-82	15.91
Old Brahmaputra	SW225	Jamalpur	26-Jul-82	15.93
Old Brahmaputra	SW225	Jamalpur	27-Jul-82	15.98
Old Brahmaputra	SW225	Jamalpur	28-Jul-82	16.01
Old Brahmaputra	SW225	Jamalpur	29-Jul-82	16.14
Old Brahmaputra	SW225	Jamalpur	30-Jul-82	16.36
Old Brahmaputra	SW225	Jamalpur	31-Jul-82	16.5
Old Brahmaputra	SW225	Jamalpur	01-Aug-82	16.56
Old Brahmaputra	SW225	Jamalpur	02-Aug-82	16.52
Old Brahmaputra	SW225	Jamalpur	03-Aug-82	16.54
Old Brahmaputra	SW225	Jamalpur	04-Aug-82	16.61
Old Brahmaputra	SW225	Jamalpur	05-Aug-82	16.57
Old Brahmaputra	SW225	Jamalpur	06-Aug-82	16.43
Old Brahmaputra	SW225	Jamalpur	07-Aug-82	16.2
Old Brahmaputra	SW225	Jamalpur	08-Aug-82	15.97
Old Brahmaputra	SW225	Jamalpur	09-Aug-82	15.72
Old Brahmaputra	SW225	Jamalpur	10-Aug-82	15.47
Old Brahmaputra	SW225	Jamalpur	11-Aug-82	15.3

Old Brahmaputra	SW225	Jamalpur	12-Aug-82	15.14
Old Brahmaputra	SW225	Jamalpur	13-Aug-82	15
Old Brahmaputra	SW225	Jamalpur	14-Aug-82	14.9
Old Brahmaputra	SW225	Jamalpur	15-Aug-82	14.8
Old Brahmaputra	SW225	Jamalpur	16-Aug-82	14.66
Old Brahmaputra	SW225	Jamalpur	17-Aug-82	14.57
Old Brahmaputra	SW225	Jamalpur	18-Aug-82	14.53
Old Brahmaputra	SW225	Jamalpur	19-Aug-82	14.42
Old Brahmaputra	SW225	Jamalpur	20-Aug-82	14.34
Old Brahmaputra	SW225	Jamalpur	21-Aug-82	14.28
Old Brahmaputra	SW225	Jamalpur	22-Aug-82	14.26
Old Brahmaputra	SW225	Jamalpur	23-Aug-82	14.24
Old Brahmaputra	SW225	Jamalpur	24-Aug-82	14.31
Old Brahmaputra	SW225	Jamalpur	25-Aug-82	14.35
Old Brahmaputra	SW225	Jamalpur	26-Aug-82	14.37
Old Brahmaputra	SW225	Jamalpur	27-Aug-82	14.47
Old Brahmaputra	SW225	Jamalpur	28-Aug-82	14.52
Old Brahmaputra	SW225	Jamalpur	29-Aug-82	14.52
Old Brahmaputra	SW225	Jamalpur	30-Aug-82	14.57
Old Brahmaputra	SW225	Jamalpur	31-Aug-82	14.72
Old Brahmaputra	SW225	Jamalpur	01-Sep-82	14.72
Old Brahmaputra	SW225	Jamalpur	02-Sep-82	14.72
Old Brahmaputra	SW225	Jamalpur	03-Sep-82	14.72
Old Brahmaputra	SW225	Jamalpur	04-Sep-82	14.73
Old Brahmaputra	SW225	Jamalpur	05-Sep-82	14.66
Old Brahmaputra	SW225	Jamalpur	06-Sep-82	14.59
Old Brahmaputra	SW225	Jamalpur	07-Sep-82	14.53
Old Brahmaputra	SW225	Jamalpur	08-Sep-82	14.48
Old Brahmaputra	SW225	Jamalpur	09-Sep-82	14.38
Old Brahmaputra	SW225	Jamalpur	10-Sep-82	14.24
Old Brahmaputra	SW225	Jamalpur	11-Sep-82	14.22
Old Brahmaputra	SW225	Jamalpur	12-Sep-82	14.15
Old Brahmaputra	SW225	Jamalpur	13-Sep-82	14.15
Old Brahmaputra	SW225	Jamalpur	14-Sep-82	14.22
Old Brahmaputra	SW225	Jamalpur	15-Sep-82	14.63
Old Brahmaputra	SW225	Jamalpur	16-Sep-82	14.75
Old Brahmaputra	SW225	Jamalpur	17-Sep-82	14.92
Old Brahmaputra	SW225	Jamalpur	18-Sep-82	15.35
Old Brahmaputra	SW225	Jamalpur	19-Sep-82	15.72
Old Brahmaputra	SW225	Jamalpur	20-Sep-82	15.99
Old Brahmaputra	SW225	Jamalpur	21-Sep-82	16.2
Old Brahmaputra	SW225	Jamalpur	22-Sep-82	16.32
Old Brahmaputra	SW225	Jamalpur	23-Sep-82	16.34
Old Brahmaputra	SW225	Jamalpur	24-Sep-82	16.25
Old Brahmaputra	SW225	Jamalpur	25-Sep-82	16.03
Old Brahmaputra	SW225	Jamalpur	26-Sep-82	15.84
Old Brahmaputra	SW225	Jamalpur	27-Sep-82	15.64
Old Brahmaputra	SW225	Jamalpur	28-Sep-82	15.42
Old Brahmaputra	SW225	Jamalpur	29-Sep-82	15.17
Old Brahmaputra	SW225	Jamalpur	30-Sep-82	14.9

Old Brahmaputra	SW225	Jamalpur	01-Oct-82	14.62
Old Brahmaputra	SW225	Jamalpur	02-Oct-82	14.43
Old Brahmaputra	SW225	Jamalpur	03-Oct-82	14.28
Old Brahmaputra	SW225	Jamalpur	04-Oct-82	14.18
Old Brahmaputra	SW225	Jamalpur	05-Oct-82	14.1
Old Brahmaputra	SW225	Jamalpur	06-Oct-82	14.13
Old Brahmaputra	SW225	Jamalpur	07-Oct-82	14.24
Old Brahmaputra	SW225	Jamalpur	08-Oct-82	14.14
Old Brahmaputra	SW225	Jamalpur	09-Oct-82	13.97
Old Brahmaputra	SW225	Jamalpur	10-Oct-82	13.82
Old Brahmaputra	SW225	Jamalpur	11-Oct-82	13.7
Old Brahmaputra	SW225	Jamalpur	12-Oct-82	13.6
Old Brahmaputra	SW225	Jamalpur	13-Oct-82	13.49
Old Brahmaputra	SW225	Jamalpur	14-Oct-82	13.4
Old Brahmaputra	SW225	Jamalpur	15-Oct-82	13.31
Old Brahmaputra	SW225	Jamalpur	16-Oct-82	13.27
Old Brahmaputra	SW225	Jamalpur	17-Oct-82	13.16
Old Brahmaputra	SW225	Jamalpur	18-Oct-82	13.06
Old Brahmaputra	SW225	Jamalpur	19-Oct-82	12.99
Old Brahmaputra	SW225	Jamalpur	20-Oct-82	12.92
Old Brahmaputra	SW225	Jamalpur	21-Oct-82	12.85
Old Brahmaputra	SW225	Jamalpur	22-Oct-82	12.8
Old Brahmaputra	SW225	Jamalpur	23-Oct-82	12.8
Old Brahmaputra	SW225	Jamalpur	24-Oct-82	12.81
Old Brahmaputra	SW225	Jamalpur	25-Oct-82	12.79
Old Brahmaputra	SW225	Jamalpur	26-Oct-82	12.82
Old Brahmaputra	SW225	Jamalpur	27-Oct-82	12.84
Old Brahmaputra	SW225	Jamalpur	28-Oct-82	12.81
Old Brahmaputra	SW225	Jamalpur	29-Oct-82	12.73
Old Brahmaputra	SW225	Jamalpur	30-Oct-82	12.72
Old Brahmaputra	SW225	Jamalpur	31-Oct-82	12.71
Old Brahmaputra	SW225	Jamalpur	01-Nov-82	12.69
Old Brahmaputra	SW225	Jamalpur	02-Nov-82	12.66
Old Brahmaputra	SW225	Jamalpur	03-Nov-82	12.64
Old Brahmaputra	SW225	Jamalpur	04-Nov-82	12.58
Old Brahmaputra	SW225	Jamalpur	05-Nov-82	12.52
Old Brahmaputra	SW225	Jamalpur	06-Nov-82	12.47
Old Brahmaputra	SW225	Jamalpur	07-Nov-82	12.45
Old Brahmaputra	SW225	Jamalpur	08-Nov-82	12.42
Old Brahmaputra	SW225	Jamalpur	09-Nov-82	12.4
Old Brahmaputra	SW225	Jamalpur	10-Nov-82	12.37
Old Brahmaputra	SW225	Jamalpur	11-Nov-82	12.35
Old Brahmaputra	SW225	Jamalpur	12-Nov-82	12.33
Old Brahmaputra	SW225	Jamalpur	13-Nov-82	12.31
Old Brahmaputra	SW225	Jamalpur	14-Nov-82	12.3
Old Brahmaputra	SW225	Jamalpur	15-Nov-82	12.29
Old Brahmaputra	SW225	Jamalpur	16-Nov-82	12.26
Old Brahmaputra	SW225	Jamalpur	17-Nov-82	12.25
Old Brahmaputra	SW225	Jamalpur	18-Nov-82	12.24
Old Brahmaputra	SW225	Jamalpur	19-Nov-82	12.23

Old Brahmaputra	SW225	Jamalpur	20-Nov-82	12.22
Old Brahmaputra	SW225	Jamalpur	21-Nov-82	12.19
Old Brahmaputra	SW225	Jamalpur	22-Nov-82	12.18
Old Brahmaputra	SW225	Jamalpur	23-Nov-82	12.17
Old Brahmaputra	SW225	Jamalpur	24-Nov-82	12.16
Old Brahmaputra	SW225	Jamalpur	25-Nov-82	12.15
Old Brahmaputra	SW225	Jamalpur	26-Nov-82	12.14
Old Brahmaputra	SW225	Jamalpur	27-Nov-82	12.14
Old Brahmaputra	SW225	Jamalpur	28-Nov-82	12.13
Old Brahmaputra	SW225	Jamalpur	29-Nov-82	12.11
Old Brahmaputra	SW225	Jamalpur	30-Nov-82	12.11
Old Brahmaputra	SW225	Jamalpur	01-Dec-82	12.1
Old Brahmaputra	SW225	Jamalpur	02-Dec-82	12.1
Old Brahmaputra	SW225	Jamalpur	03-Dec-82	12.09
Old Brahmaputra	SW225	Jamalpur	04-Dec-82	12.09
Old Brahmaputra	SW225	Jamalpur	05-Dec-82	12.08
Old Brahmaputra	SW225	Jamalpur	06-Dec-82	12.08
Old Brahmaputra	SW225	Jamalpur	07-Dec-82	12.07
Old Brahmaputra	SW225	Jamalpur	08-Dec-82	12.07
Old Brahmaputra	SW225	Jamalpur	09-Dec-82	12.06
Old Brahmaputra	SW225	Jamalpur	10-Dec-82	12.05
Old Brahmaputra	SW225	Jamalpur	11-Dec-82	12.05
Old Brahmaputra	SW225	Jamalpur	12-Dec-82	12.05
Old Brahmaputra	SW225	Jamalpur	13-Dec-82	12.05
Old Brahmaputra	SW225	Jamalpur	14-Dec-82	12.05
Old Brahmaputra	SW225	Jamalpur	15-Dec-82	12.05
Old Brahmaputra	SW225	Jamalpur	16-Dec-82	12.05
Old Brahmaputra	SW225	Jamalpur	17-Dec-82	12.05
Old Brahmaputra	SW225	Jamalpur	18-Dec-82	12.05
Old Brahmaputra	SW225	Jamalpur	19-Dec-82	12.03
Old Brahmaputra	SW225	Jamalpur	20-Dec-82	12.03
Old Brahmaputra	SW225	Jamalpur	21-Dec-82	12.03
Old Brahmaputra	SW225	Jamalpur	22-Dec-82	12.02
Old Brahmaputra	SW225	Jamalpur	23-Dec-82	12.02
Old Brahmaputra	SW225	Jamalpur	24-Dec-82	12.02
Old Brahmaputra	SW225	Jamalpur	25-Dec-82	12.02
Old Brahmaputra	SW225	Jamalpur	26-Dec-82	12.01
Old Brahmaputra	SW225	Jamalpur	27-Dec-82	12.01
Old Brahmaputra	SW225	Jamalpur	28-Dec-82	12
Old Brahmaputra	SW225	Jamalpur	29-Dec-82	11.99
Old Brahmaputra	SW225	Jamalpur	30-Dec-82	12.01
Old Brahmaputra	SW225	Jamalpur	31-Dec-82	12.01
Old Brahmaputra	SW225	Jamalpur	01-Jan-83	11.99
Old Brahmaputra	SW225	Jamalpur	02-Jan-83	11.99
Old Brahmaputra	SW225	Jamalpur	03-Jan-83	11.99
Old Brahmaputra	SW225	Jamalpur	04-Jan-83	11.99
Old Brahmaputra	SW225	Jamalpur	05-Jan-83	11.98
Old Brahmaputra	SW225	Jamalpur	06-Jan-83	11.98
Old Brahmaputra	SW225	Jamalpur	07-Jan-83	11.98
Old Brahmaputra	SW225	Jamalpur	08-Jan-83	11.98

Old Brahmaputra	SW225	Jamalpur	09-Jan-83	11.97
Old Brahmaputra	SW225	Jamalpur	10-Jan-83	11.97
Old Brahmaputra	SW225	Jamalpur	11-Jan-83	11.97
Old Brahmaputra	SW225	Jamalpur	12-Jan-83	11.97
Old Brahmaputra	SW225	Jamalpur	13-Jan-83	11.98
Old Brahmaputra	SW225	Jamalpur	14-Jan-83	11.98
Old Brahmaputra	SW225	Jamalpur	15-Jan-83	11.98
Old Brahmaputra	SW225	Jamalpur	16-Jan-83	11.98
Old Brahmaputra	SW225	Jamalpur	17-Jan-83	11.97
Old Brahmaputra	SW225	Jamalpur	18-Jan-83	11.97
Old Brahmaputra	SW225	Jamalpur	19-Jan-83	11.97
Old Brahmaputra	SW225	Jamalpur	20-Jan-83	11.97
Old Brahmaputra	SW225	Jamalpur	21-Jan-83	11.95
Old Brahmaputra	SW225	Jamalpur	22-Jan-83	11.94
Old Brahmaputra	SW225	Jamalpur	23-Jan-83	11.94
Old Brahmaputra	SW225	Jamalpur	24-Jan-83	11.94
Old Brahmaputra	SW225	Jamalpur	25-Jan-83	11.94
Old Brahmaputra	SW225	Jamalpur	26-Jan-83	11.94
Old Brahmaputra	SW225	Jamalpur	27-Jan-83	11.94
Old Brahmaputra	SW225	Jamalpur	28-Jan-83	11.93
Old Brahmaputra	SW225	Jamalpur	29-Jan-83	11.93
Old Brahmaputra	SW225	Jamalpur	30-Jan-83	11.94
Old Brahmaputra	SW225	Jamalpur	31-Jan-83	11.93
Old Brahmaputra	SW225	Jamalpur	01-Feb-83	11.92
Old Brahmaputra	SW225	Jamalpur	02-Feb-83	11.92
Old Brahmaputra	SW225	Jamalpur	03-Feb-83	11.91
Old Brahmaputra	SW225	Jamalpur	04-Feb-83	11.91
Old Brahmaputra	SW225	Jamalpur	05-Feb-83	11.91
Old Brahmaputra	SW225	Jamalpur	06-Feb-83	11.91
Old Brahmaputra	SW225	Jamalpur	07-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	08-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	09-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	10-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	11-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	12-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	13-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	14-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	15-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	16-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	17-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	18-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	19-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	20-Feb-83	11.89
Old Brahmaputra	SW225	Jamalpur	21-Feb-83	11.89
Old Brahmaputra	SW225	Jamalpur	22-Feb-83	11.89
Old Brahmaputra	SW225	Jamalpur	23-Feb-83	11.88
Old Brahmaputra	SW225	Jamalpur	24-Feb-83	11.88
Old Brahmaputra	SW225	Jamalpur	25-Feb-83	11.89
Old Brahmaputra	SW225	Jamalpur	26-Feb-83	11.9
Old Brahmaputra	SW225	Jamalpur	27-Feb-83	11.9

Old Brahmaputra	SW225	Jamalpur	28-Feb-83	11.89
Old Brahmaputra	SW225	Jamalpur	01-Mar-83	11.89
Old Brahmaputra	SW225	Jamalpur	02-Mar-83	11.88
Old Brahmaputra	SW225	Jamalpur	03-Mar-83	11.88
Old Brahmaputra	SW225	Jamalpur	04-Mar-83	11.87
Old Brahmaputra	SW225	Jamalpur	05-Mar-83	11.89
Old Brahmaputra	SW225	Jamalpur	06-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	07-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	08-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	09-Mar-83	11.85
Old Brahmaputra	SW225	Jamalpur	10-Mar-83	11.85
Old Brahmaputra	SW225	Jamalpur	11-Mar-83	11.85
Old Brahmaputra	SW225	Jamalpur	12-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	13-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	14-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	15-Mar-83	11.85
Old Brahmaputra	SW225	Jamalpur	16-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	17-Mar-83	11.87
Old Brahmaputra	SW225	Jamalpur	18-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	19-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	20-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	21-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	22-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	23-Mar-83	11.86
Old Brahmaputra	SW225	Jamalpur	24-Mar-83	11.85
Old Brahmaputra	SW225	Jamalpur	25-Mar-83	11.85
Old Brahmaputra	SW225	Jamalpur	26-Mar-83	11.84
Old Brahmaputra	SW225	Jamalpur	27-Mar-83	11.84
Old Brahmaputra	SW225	Jamalpur	28-Mar-83	11.84
Old Brahmaputra	SW225	Jamalpur	29-Mar-83	11.84
Old Brahmaputra	SW225	Jamalpur	30-Mar-83	11.84
Old Brahmaputra	SW225	Jamalpur	31-Mar-83	11.84
Old Brahmaputra	SW225	Jamalpur	01-Apr-83	11.83
Old Brahmaputra	SW225	Jamalpur	02-Apr-83	11.83
Old Brahmaputra	SW225	Jamalpur	03-Apr-83	11.82
Old Brahmaputra	SW225	Jamalpur	04-Apr-83	11.82
Old Brahmaputra	SW225	Jamalpur	05-Apr-83	11.82
Old Brahmaputra	SW225	Jamalpur	06-Apr-83	11.82
Old Brahmaputra	SW225	Jamalpur	07-Apr-83	11.82
Old Brahmaputra	SW225	Jamalpur	08-Apr-83	11.81
Old Brahmaputra	SW225	Jamalpur	09-Apr-83	11.81
Old Brahmaputra	SW225	Jamalpur	10-Apr-83	11.82
Old Brahmaputra	SW225	Jamalpur	11-Apr-83	11.82
Old Brahmaputra	SW225	Jamalpur	12-Apr-83	11.81
Old Brahmaputra	SW225	Jamalpur	13-Apr-83	11.81
Old Brahmaputra	SW225	Jamalpur	14-Apr-83	11.85
Old Brahmaputra	SW225	Jamalpur	15-Apr-83	11.85
Old Brahmaputra	SW225	Jamalpur	16-Apr-83	11.85
Old Brahmaputra	SW225	Jamalpur	17-Apr-83	11.85
Old Brahmaputra	SW225	Jamalpur	18-Apr-83	11.85

Old Brahmaputra	SW225	Jamalpur	19-Apr-83	11.87
Old Brahmaputra	SW225	Jamalpur	20-Apr-83	12.05
Old Brahmaputra	SW225	Jamalpur	21-Apr-83	12.15
Old Brahmaputra	SW225	Jamalpur	22-Apr-83	12.2
Old Brahmaputra	SW225	Jamalpur	23-Apr-83	12.23
Old Brahmaputra	SW225	Jamalpur	24-Apr-83	12.23
Old Brahmaputra	SW225	Jamalpur	25-Apr-83	12.2
Old Brahmaputra	SW225	Jamalpur	26-Apr-83	12.18
Old Brahmaputra	SW225	Jamalpur	27-Apr-83	12.17
Old Brahmaputra	SW225	Jamalpur	28-Apr-83	12.17
Old Brahmaputra	SW225	Jamalpur	29-Apr-83	12.14
Old Brahmaputra	SW225	Jamalpur	30-Apr-83	12.11
Old Brahmaputra	SW225	Jamalpur	01-May-83	12.1
Old Brahmaputra	SW225	Jamalpur	02-May-83	12.08
Old Brahmaputra	SW225	Jamalpur	03-May-83	12.12
Old Brahmaputra	SW225	Jamalpur	04-May-83	12.13
Old Brahmaputra	SW225	Jamalpur	05-May-83	12.16
Old Brahmaputra	SW225	Jamalpur	06-May-83	12.18
Old Brahmaputra	SW225	Jamalpur	07-May-83	12.31
Old Brahmaputra	SW225	Jamalpur	08-May-83	12.43
Old Brahmaputra	SW225	Jamalpur	09-May-83	12.6
Old Brahmaputra	SW225	Jamalpur	10-May-83	12.78
Old Brahmaputra	SW225	Jamalpur	11-May-83	12.95
Old Brahmaputra	SW225	Jamalpur	12-May-83	12.96
Old Brahmaputra	SW225	Jamalpur	13-May-83	12.94
Old Brahmaputra	SW225	Jamalpur	14-May-83	12.92
Old Brahmaputra	SW225	Jamalpur	15-May-83	12.92
Old Brahmaputra	SW225	Jamalpur	16-May-83	12.94
Old Brahmaputra	SW225	Jamalpur	17-May-83	12.97
Old Brahmaputra	SW225	Jamalpur	18-May-83	12.92
Old Brahmaputra	SW225	Jamalpur	19-May-83	12.9
Old Brahmaputra	SW225	Jamalpur	20-May-83	12.89
Old Brahmaputra	SW225	Jamalpur	21-May-83	13.01
Old Brahmaputra	SW225	Jamalpur	22-May-83	13.01
Old Brahmaputra	SW225	Jamalpur	23-May-83	13.16
Old Brahmaputra	SW225	Jamalpur	24-May-83	13.22
Old Brahmaputra	SW225	Jamalpur	25-May-83	13.33
Old Brahmaputra	SW225	Jamalpur	26-May-83	13.39
Old Brahmaputra	SW225	Jamalpur	27-May-83	13.49
Old Brahmaputra	SW225	Jamalpur	28-May-83	13.64
Old Brahmaputra	SW225	Jamalpur	29-May-83	13.74
Old Brahmaputra	SW225	Jamalpur	30-May-83	13.78
Old Brahmaputra	SW225	Jamalpur	31-May-83	13.71
Old Brahmaputra	SW225	Jamalpur	01-Jun-83	13.52
Old Brahmaputra	SW225	Jamalpur	02-Jun-83	13.41
Old Brahmaputra	SW225	Jamalpur	03-Jun-83	13.31
Old Brahmaputra	SW225	Jamalpur	04-Jun-83	13.22
Old Brahmaputra	SW225	Jamalpur	05-Jun-83	13.18
Old Brahmaputra	SW225	Jamalpur	06-Jun-83	13.19
Old Brahmaputra	SW225	Jamalpur	07-Jun-83	13.26

Old Brahmaputra	SW225	Jamalpur	08-Jun-83	13.34
Old Brahmaputra	SW225	Jamalpur	09-Jun-83	13.43
Old Brahmaputra	SW225	Jamalpur	10-Jun-83	13.48
Old Brahmaputra	SW225	Jamalpur	11-Jun-83	13.64
Old Brahmaputra	SW225	Jamalpur	12-Jun-83	13.99
Old Brahmaputra	SW225	Jamalpur	13-Jun-83	14.22
Old Brahmaputra	SW225	Jamalpur	14-Jun-83	14.23
Old Brahmaputra	SW225	Jamalpur	15-Jun-83	14.14
Old Brahmaputra	SW225	Jamalpur	16-Jun-83	13.96
Old Brahmaputra	SW225	Jamalpur	17-Jun-83	13.82
Old Brahmaputra	SW225	Jamalpur	18-Jun-83	13.71
Old Brahmaputra	SW225	Jamalpur	19-Jun-83	13.6
Old Brahmaputra	SW225	Jamalpur	20-Jun-83	13.63
Old Brahmaputra	SW225	Jamalpur	21-Jun-83	13.73
Old Brahmaputra	SW225	Jamalpur	22-Jun-83	13.99
Old Brahmaputra	SW225	Jamalpur	23-Jun-83	14.47
Old Brahmaputra	SW225	Jamalpur	24-Jun-83	14.77
Old Brahmaputra	SW225	Jamalpur	25-Jun-83	14.96
Old Brahmaputra	SW225	Jamalpur	26-Jun-83	15.03
Old Brahmaputra	SW225	Jamalpur	27-Jun-83	15.08
Old Brahmaputra	SW225	Jamalpur	28-Jun-83	15.11
Old Brahmaputra	SW225	Jamalpur	29-Jun-83	15.04
Old Brahmaputra	SW225	Jamalpur	30-Jun-83	14.98
Old Brahmaputra	SW225	Jamalpur	01-Jul-83	14.92
Old Brahmaputra	SW225	Jamalpur	02-Jul-83	15.07
Old Brahmaputra	SW225	Jamalpur	03-Jul-83	15.19
Old Brahmaputra	SW225	Jamalpur	04-Jul-83	15.21
Old Brahmaputra	SW225	Jamalpur	05-Jul-83	15.38
Old Brahmaputra	SW225	Jamalpur	06-Jul-83	15.47
Old Brahmaputra	SW225	Jamalpur	07-Jul-83	15.69
Old Brahmaputra	SW225	Jamalpur	08-Jul-83	15.94
Old Brahmaputra	SW225	Jamalpur	09-Jul-83	16.05
Old Brahmaputra	SW225	Jamalpur	10-Jul-83	16.06
Old Brahmaputra	SW225	Jamalpur	11-Jul-83	16.02
Old Brahmaputra	SW225	Jamalpur	12-Jul-83	15.97
Old Brahmaputra	SW225	Jamalpur	13-Jul-83	15.82
Old Brahmaputra	SW225	Jamalpur	14-Jul-83	15.68
Old Brahmaputra	SW225	Jamalpur	15-Jul-83	15.57
Old Brahmaputra	SW225	Jamalpur	16-Jul-83	15.48
Old Brahmaputra	SW225	Jamalpur	17-Jul-83	15.55
Old Brahmaputra	SW225	Jamalpur	18-Jul-83	15.75
Old Brahmaputra	SW225	Jamalpur	19-Jul-83	15.85
Old Brahmaputra	SW225	Jamalpur	20-Jul-83	15.77
Old Brahmaputra	SW225	Jamalpur	21-Jul-83	15.63
Old Brahmaputra	SW225	Jamalpur	22-Jul-83	15.56
Old Brahmaputra	SW225	Jamalpur	23-Jul-83	15.57
Old Brahmaputra	SW225	Jamalpur	24-Jul-83	15.56
Old Brahmaputra	SW225	Jamalpur	25-Jul-83	15.58
Old Brahmaputra	SW225	Jamalpur	26-Jul-83	15.68
Old Brahmaputra	SW225	Jamalpur	27-Jul-83	15.8

Old Brahmaputra	SW225	Jamalpur	28-Jul-83	15.93
Old Brahmaputra	SW225	Jamalpur	29-Jul-83	16.01
Old Brahmaputra	SW225	Jamalpur	30-Jul-83	16.15
Old Brahmaputra	SW225	Jamalpur	31-Jul-83	16.19
Old Brahmaputra	SW225	Jamalpur	01-Aug-83	16.12
Old Brahmaputra	SW225	Jamalpur	02-Aug-83	16.05
Old Brahmaputra	SW225	Jamalpur	03-Aug-83	16.02
Old Brahmaputra	SW225	Jamalpur	04-Aug-83	16.17
Old Brahmaputra	SW225	Jamalpur	05-Aug-83	16.17
Old Brahmaputra	SW225	Jamalpur	06-Aug-83	16.16
Old Brahmaputra	SW225	Jamalpur	07-Aug-83	16.1
Old Brahmaputra	SW225	Jamalpur	08-Aug-83	15.94
Old Brahmaputra	SW225	Jamalpur	09-Aug-83	15.61
Old Brahmaputra	SW225	Jamalpur	10-Aug-83	15.35
Old Brahmaputra	SW225	Jamalpur	11-Aug-83	15.1
Old Brahmaputra	SW225	Jamalpur	12-Aug-83	14.88
Old Brahmaputra	SW225	Jamalpur	13-Aug-83	14.76
Old Brahmaputra	SW225	Jamalpur	14-Aug-83	14.61
Old Brahmaputra	SW225	Jamalpur	15-Aug-83	14.47
Old Brahmaputra	SW225	Jamalpur	16-Aug-83	14.4
Old Brahmaputra	SW225	Jamalpur	17-Aug-83	14.37
Old Brahmaputra	SW225	Jamalpur	18-Aug-83	14.43
Old Brahmaputra	SW225	Jamalpur	19-Aug-83	14.46
Old Brahmaputra	SW225	Jamalpur	20-Aug-83	14.46
Old Brahmaputra	SW225	Jamalpur	21-Aug-83	14.45
Old Brahmaputra	SW225	Jamalpur	22-Aug-83	14.49
Old Brahmaputra	SW225	Jamalpur	23-Aug-83	14.63
Old Brahmaputra	SW225	Jamalpur	24-Aug-83	14.83
Old Brahmaputra	SW225	Jamalpur	25-Aug-83	15.11
Old Brahmaputra	SW225	Jamalpur	26-Aug-83	15.3
Old Brahmaputra	SW225	Jamalpur	27-Aug-83	15.46
Old Brahmaputra	SW225	Jamalpur	28-Aug-83	15.53
Old Brahmaputra	SW225	Jamalpur	29-Aug-83	15.5
Old Brahmaputra	SW225	Jamalpur	30-Aug-83	15.41
Old Brahmaputra	SW225	Jamalpur	31-Aug-83	15.3
Old Brahmaputra	SW225	Jamalpur	01-Sep-83	15.17
Old Brahmaputra	SW225	Jamalpur	02-Sep-83	15.16
Old Brahmaputra	SW225	Jamalpur	03-Sep-83	15.18
Old Brahmaputra	SW225	Jamalpur	04-Sep-83	15.21
Old Brahmaputra	SW225	Jamalpur	05-Sep-83	15.21
Old Brahmaputra	SW225	Jamalpur	06-Sep-83	15.22
Old Brahmaputra	SW225	Jamalpur	07-Sep-83	15.22
Old Brahmaputra	SW225	Jamalpur	08-Sep-83	15.17
Old Brahmaputra	SW225	Jamalpur	09-Sep-83	15.12
Old Brahmaputra	SW225	Jamalpur	10-Sep-83	15.23
Old Brahmaputra	SW225	Jamalpur	11-Sep-83	15.34
Old Brahmaputra	SW225	Jamalpur	12-Sep-83	15.48
Old Brahmaputra	SW225	Jamalpur	13-Sep-83	15.68
Old Brahmaputra	SW225	Jamalpur	14-Sep-83	15.99
Old Brahmaputra	SW225	Jamalpur	15-Sep-83	16.19

Old Brahmaputra	SW225	Jamalpur	16-Sep-83	16.42
Old Brahmaputra	SW225	Jamalpur	17-Sep-83	16.52
Old Brahmaputra	SW225	Jamalpur	18-Sep-83	16.52
Old Brahmaputra	SW225	Jamalpur	19-Sep-83	16.42
Old Brahmaputra	SW225	Jamalpur	20-Sep-83	16.27
Old Brahmaputra	SW225	Jamalpur	21-Sep-83	16.1
Old Brahmaputra	SW225	Jamalpur	22-Sep-83	15.95
Old Brahmaputra	SW225	Jamalpur	23-Sep-83	15.8
Old Brahmaputra	SW225	Jamalpur	24-Sep-83	15.79
Old Brahmaputra	SW225	Jamalpur	25-Sep-83	15.66
Old Brahmaputra	SW225	Jamalpur	26-Sep-83	15.64
Old Brahmaputra	SW225	Jamalpur	27-Sep-83	15.62
Old Brahmaputra	SW225	Jamalpur	28-Sep-83	15.56
Old Brahmaputra	SW225	Jamalpur	29-Sep-83	15.53
Old Brahmaputra	SW225	Jamalpur	30-Sep-83	15.45
Old Brahmaputra	SW225	Jamalpur	01-Oct-83	15.28
Old Brahmaputra	SW225	Jamalpur	02-Oct-83	15.13
Old Brahmaputra	SW225	Jamalpur	03-Oct-83	15.05
Old Brahmaputra	SW225	Jamalpur	04-Oct-83	14.88
Old Brahmaputra	SW225	Jamalpur	05-Oct-83	14.7
Old Brahmaputra	SW225	Jamalpur	06-Oct-83	14.43
Old Brahmaputra	SW225	Jamalpur	07-Oct-83	14.17
Old Brahmaputra	SW225	Jamalpur	08-Oct-83	13.93
Old Brahmaputra	SW225	Jamalpur	09-Oct-83	13.72
Old Brahmaputra	SW225	Jamalpur	10-Oct-83	13.66
Old Brahmaputra	SW225	Jamalpur	11-Oct-83	15.12
Old Brahmaputra	SW225	Jamalpur	12-Oct-83	14.8
Old Brahmaputra	SW225	Jamalpur	13-Oct-83	14.3
Old Brahmaputra	SW225	Jamalpur	14-Oct-83	13.97
Old Brahmaputra	SW225	Jamalpur	15-Oct-83	13.78
Old Brahmaputra	SW225	Jamalpur	16-Oct-83	13.61
Old Brahmaputra	SW225	Jamalpur	17-Oct-83	13.49
Old Brahmaputra	SW225	Jamalpur	18-Oct-83	13.4
Old Brahmaputra	SW225	Jamalpur	19-Oct-83	13.47
Old Brahmaputra	SW225	Jamalpur	20-Oct-83	13.61
Old Brahmaputra	SW225	Jamalpur	21-Oct-83	13.72
Old Brahmaputra	SW225	Jamalpur	22-Oct-83	13.87
Old Brahmaputra	SW225	Jamalpur	23-Oct-83	14
Old Brahmaputra	SW225	Jamalpur	24-Oct-83	13.92
Old Brahmaputra	SW225	Jamalpur	25-Oct-83	13.75
Old Brahmaputra	SW225	Jamalpur	26-Oct-83	13.53
Old Brahmaputra	SW225	Jamalpur	27-Oct-83	13.33
Old Brahmaputra	SW225	Jamalpur	28-Oct-83	13.18
Old Brahmaputra	SW225	Jamalpur	29-Oct-83	13.05
Old Brahmaputra	SW225	Jamalpur	30-Oct-83	12.95
Old Brahmaputra	SW225	Jamalpur	31-Oct-83	12.88
Old Brahmaputra	SW225	Jamalpur	01-Nov-83	12.8
Old Brahmaputra	SW225	Jamalpur	02-Nov-83	12.74
Old Brahmaputra	SW225	Jamalpur	03-Nov-83	12.66
Old Brahmaputra	SW225	Jamalpur	04-Nov-83	12.58

Old Brahmaputra	SW225	Jamalpur	05-Nov-83	12.5
Old Brahmaputra	SW225	Jamalpur	06-Nov-83	12.44
Old Brahmaputra	SW225	Jamalpur	07-Nov-83	12.37
Old Brahmaputra	SW225	Jamalpur	08-Nov-83	12.29
Old Brahmaputra	SW225	Jamalpur	09-Nov-83	12.24
Old Brahmaputra	SW225	Jamalpur	10-Nov-83	12.2
Old Brahmaputra	SW225	Jamalpur	11-Nov-83	12.19
Old Brahmaputra	SW225	Jamalpur	12-Nov-83	12.18
Old Brahmaputra	SW225	Jamalpur	13-Nov-83	12.15
Old Brahmaputra	SW225	Jamalpur	14-Nov-83	12.13
Old Brahmaputra	SW225	Jamalpur	15-Nov-83	12.11
Old Brahmaputra	SW225	Jamalpur	16-Nov-83	12.09
Old Brahmaputra	SW225	Jamalpur	17-Nov-83	12.07
Old Brahmaputra	SW225	Jamalpur	18-Nov-83	12.05
Old Brahmaputra	SW225	Jamalpur	19-Nov-83	12.03
Old Brahmaputra	SW225	Jamalpur	20-Nov-83	12.02
Old Brahmaputra	SW225	Jamalpur	21-Nov-83	12.01
Old Brahmaputra	SW225	Jamalpur	22-Nov-83	12
Old Brahmaputra	SW225	Jamalpur	23-Nov-83	11.98
Old Brahmaputra	SW225	Jamalpur	24-Nov-83	11.97
Old Brahmaputra	SW225	Jamalpur	25-Nov-83	11.96
Old Brahmaputra	SW225	Jamalpur	26-Nov-83	11.95
Old Brahmaputra	SW225	Jamalpur	27-Nov-83	11.94
Old Brahmaputra	SW225	Jamalpur	28-Nov-83	11.93
Old Brahmaputra	SW225	Jamalpur	29-Nov-83	11.92
Old Brahmaputra	SW225	Jamalpur	30-Nov-83	11.91
Old Brahmaputra	SW225	Jamalpur	01-Dec-83	11.9
Old Brahmaputra	SW225	Jamalpur	02-Dec-83	11.9
Old Brahmaputra	SW225	Jamalpur	03-Dec-83	11.89
Old Brahmaputra	SW225	Jamalpur	04-Dec-83	11.89
Old Brahmaputra	SW225	Jamalpur	05-Dec-83	11.89
Old Brahmaputra	SW225	Jamalpur	06-Dec-83	11.88
Old Brahmaputra	SW225	Jamalpur	07-Dec-83	11.88
Old Brahmaputra	SW225	Jamalpur	08-Dec-83	11.87
Old Brahmaputra	SW225	Jamalpur	09-Dec-83	11.87
Old Brahmaputra	SW225	Jamalpur	10-Dec-83	11.87
Old Brahmaputra	SW225	Jamalpur	11-Dec-83	11.87
Old Brahmaputra	SW225	Jamalpur	12-Dec-83	11.86
Old Brahmaputra	SW225	Jamalpur	13-Dec-83	11.86
Old Brahmaputra	SW225	Jamalpur	14-Dec-83	11.86
Old Brahmaputra	SW225	Jamalpur	15-Dec-83	11.85
Old Brahmaputra	SW225	Jamalpur	16-Dec-83	11.85
Old Brahmaputra	SW225	Jamalpur	17-Dec-83	11.85
Old Brahmaputra	SW225	Jamalpur	18-Dec-83	11.84
Old Brahmaputra	SW225	Jamalpur	19-Dec-83	11.84
Old Brahmaputra	SW225	Jamalpur	20-Dec-83	11.84
Old Brahmaputra	SW225	Jamalpur	21-Dec-83	11.83
Old Brahmaputra	SW225	Jamalpur	22-Dec-83	11.83
Old Brahmaputra	SW225	Jamalpur	23-Dec-83	11.83
Old Brahmaputra	SW225	Jamalpur	24-Dec-83	11.82

Old Brahmaputra	SW225	Jamalpur	25-Dec-83	11.82
Old Brahmaputra	SW225	Jamalpur	26-Dec-83	11.82
Old Brahmaputra	SW225	Jamalpur	27-Dec-83	11.83
Old Brahmaputra	SW225	Jamalpur	28-Dec-83	11.83
Old Brahmaputra	SW225	Jamalpur	29-Dec-83	11.82
Old Brahmaputra	SW225	Jamalpur	30-Dec-83	11.81
Old Brahmaputra	SW225	Jamalpur	31-Dec-83	11.81
Old Brahmaputra	SW225	Jamalpur	01-Jan-84	11.81
Old Brahmaputra	SW225	Jamalpur	02-Jan-84	11.8
Old Brahmaputra	SW225	Jamalpur	03-Jan-84	11.8
Old Brahmaputra	SW225	Jamalpur	04-Jan-84	11.79
Old Brahmaputra	SW225	Jamalpur	05-Jan-84	11.79
Old Brahmaputra	SW225	Jamalpur	06-Jan-84	11.79
Old Brahmaputra	SW225	Jamalpur	07-Jan-84	11.78
Old Brahmaputra	SW225	Jamalpur	08-Jan-84	11.78
Old Brahmaputra	SW225	Jamalpur	09-Jan-84	11.77
Old Brahmaputra	SW225	Jamalpur	10-Jan-84	11.77
Old Brahmaputra	SW225	Jamalpur	11-Jan-84	11.77
Old Brahmaputra	SW225	Jamalpur	12-Jan-84	11.77
Old Brahmaputra	SW225	Jamalpur	13-Jan-84	11.77
Old Brahmaputra	SW225	Jamalpur	14-Jan-84	11.77
Old Brahmaputra	SW225	Jamalpur	15-Jan-84	11.76
Old Brahmaputra	SW225	Jamalpur	16-Jan-84	11.76
Old Brahmaputra	SW225	Jamalpur	17-Jan-84	11.76
Old Brahmaputra	SW225	Jamalpur	18-Jan-84	11.76
Old Brahmaputra	SW225	Jamalpur	19-Jan-84	11.76
Old Brahmaputra	SW225	Jamalpur	20-Jan-84	11.75
Old Brahmaputra	SW225	Jamalpur	21-Jan-84	11.75
Old Brahmaputra	SW225	Jamalpur	22-Jan-84	11.75
Old Brahmaputra	SW225	Jamalpur	23-Jan-84	11.74
Old Brahmaputra	SW225	Jamalpur	24-Jan-84	11.74
Old Brahmaputra	SW225	Jamalpur	25-Jan-84	11.74
Old Brahmaputra	SW225	Jamalpur	26-Jan-84	11.74
Old Brahmaputra	SW225	Jamalpur	27-Jan-84	11.74
Old Brahmaputra	SW225	Jamalpur	28-Jan-84	11.74
Old Brahmaputra	SW225	Jamalpur	29-Jan-84	11.73
Old Brahmaputra	SW225	Jamalpur	30-Jan-84	11.73
Old Brahmaputra	SW225	Jamalpur	31-Jan-84	11.73
Old Brahmaputra	SW225	Jamalpur	01-Feb-84	11.73
Old Brahmaputra	SW225	Jamalpur	02-Feb-84	11.73
Old Brahmaputra	SW225	Jamalpur	03-Feb-84	11.73
Old Brahmaputra	SW225	Jamalpur	04-Feb-84	11.73
Old Brahmaputra	SW225	Jamalpur	05-Feb-84	11.72
Old Brahmaputra	SW225	Jamalpur	06-Feb-84	11.72
Old Brahmaputra	SW225	Jamalpur	07-Feb-84	11.72
Old Brahmaputra	SW225	Jamalpur	08-Feb-84	11.71
Old Brahmaputra	SW225	Jamalpur	09-Feb-84	11.71
Old Brahmaputra	SW225	Jamalpur	10-Feb-84	11.71
Old Brahmaputra	SW225	Jamalpur	11-Feb-84	11.7
Old Brahmaputra	SW225	Jamalpur	12-Feb-84	11.7

Old Brahmaputra	SW225	Jamalpur	13-Feb-84	11.7
Old Brahmaputra	SW225	Jamalpur	14-Feb-84	11.7
Old Brahmaputra	SW225	Jamalpur	15-Feb-84	11.69
Old Brahmaputra	SW225	Jamalpur	16-Feb-84	11.69
Old Brahmaputra	SW225	Jamalpur	17-Feb-84	11.69
Old Brahmaputra	SW225	Jamalpur	18-Feb-84	11.68
Old Brahmaputra	SW225	Jamalpur	19-Feb-84	11.68
Old Brahmaputra	SW225	Jamalpur	20-Feb-84	11.67
Old Brahmaputra	SW225	Jamalpur	21-Feb-84	11.67
Old Brahmaputra	SW225	Jamalpur	22-Feb-84	11.67
Old Brahmaputra	SW225	Jamalpur	23-Feb-84	11.66
Old Brahmaputra	SW225	Jamalpur	24-Feb-84	11.66
Old Brahmaputra	SW225	Jamalpur	25-Feb-84	11.66
Old Brahmaputra	SW225	Jamalpur	26-Feb-84	11.66
Old Brahmaputra	SW225	Jamalpur	27-Feb-84	11.66
Old Brahmaputra	SW225	Jamalpur	28-Feb-84	11.65
Old Brahmaputra	SW225	Jamalpur	29-Feb-84	11.65
Old Brahmaputra	SW225	Jamalpur	01-Mar-84	11.65
Old Brahmaputra	SW225	Jamalpur	02-Mar-84	11.65
Old Brahmaputra	SW225	Jamalpur	03-Mar-84	11.65
Old Brahmaputra	SW225	Jamalpur	04-Mar-84	11.65
Old Brahmaputra	SW225	Jamalpur	05-Mar-84	11.65
Old Brahmaputra	SW225	Jamalpur	06-Mar-84	11.65
Old Brahmaputra	SW225	Jamalpur	07-Mar-84	11.65
Old Brahmaputra	SW225	Jamalpur	08-Mar-84	11.65
Old Brahmaputra	SW225	Jamalpur	09-Mar-84	11.64
Old Brahmaputra	SW225	Jamalpur	10-Mar-84	11.64
Old Brahmaputra	SW225	Jamalpur	11-Mar-84	11.63
Old Brahmaputra	SW225	Jamalpur	12-Mar-84	11.63
Old Brahmaputra	SW225	Jamalpur	13-Mar-84	11.65
Old Brahmaputra	SW225	Jamalpur	14-Mar-84	11.64
Old Brahmaputra	SW225	Jamalpur	15-Mar-84	11.63
Old Brahmaputra	SW225	Jamalpur	16-Mar-84	11.62
Old Brahmaputra	SW225	Jamalpur	17-Mar-84	11.62
Old Brahmaputra	SW225	Jamalpur	18-Mar-84	11.62
Old Brahmaputra	SW225	Jamalpur	19-Mar-84	11.62
Old Brahmaputra	SW225	Jamalpur	20-Mar-84	11.61
Old Brahmaputra	SW225	Jamalpur	21-Mar-84	11.61
Old Brahmaputra	SW225	Jamalpur	22-Mar-84	11.61
Old Brahmaputra	SW225	Jamalpur	23-Mar-84	11.61
Old Brahmaputra	SW225	Jamalpur	24-Mar-84	11.61
Old Brahmaputra	SW225	Jamalpur	25-Mar-84	11.61
Old Brahmaputra	SW225	Jamalpur	26-Mar-84	11.61
Old Brahmaputra	SW225	Jamalpur	27-Mar-84	11.62
Old Brahmaputra	SW225	Jamalpur	28-Mar-84	11.63
Old Brahmaputra	SW225	Jamalpur	29-Mar-84	11.61
Old Brahmaputra	SW225	Jamalpur	30-Mar-84	11.61
Old Brahmaputra	SW225	Jamalpur	31-Mar-84	11.6
Old Brahmaputra	SW225	Jamalpur	01-Apr-84	11.6
Old Brahmaputra	SW225	Jamalpur	02-Apr-84	11.6

Old Brahmaputra	SW225	Jamalpur	03-Apr-84	11.6
Old Brahmaputra	SW225	Jamalpur	04-Apr-84	11.59
Old Brahmaputra	SW225	Jamalpur	05-Apr-84	11.59
Old Brahmaputra	SW225	Jamalpur	06-Apr-84	11.59
Old Brahmaputra	SW225	Jamalpur	07-Apr-84	11.59
Old Brahmaputra	SW225	Jamalpur	08-Apr-84	11.59
Old Brahmaputra	SW225	Jamalpur	09-Apr-84	11.59
Old Brahmaputra	SW225	Jamalpur	10-Apr-84	11.59
Old Brahmaputra	SW225	Jamalpur	11-Apr-84	11.58
Old Brahmaputra	SW225	Jamalpur	12-Apr-84	11.58
Old Brahmaputra	SW225	Jamalpur	13-Apr-84	11.59
Old Brahmaputra	SW225	Jamalpur	14-Apr-84	11.6
Old Brahmaputra	SW225	Jamalpur	15-Apr-84	11.81
Old Brahmaputra	SW225	Jamalpur	16-Apr-84	11.78
Old Brahmaputra	SW225	Jamalpur	17-Apr-84	11.76
Old Brahmaputra	SW225	Jamalpur	18-Apr-84	11.74
Old Brahmaputra	SW225	Jamalpur	19-Apr-84	11.73
Old Brahmaputra	SW225	Jamalpur	20-Apr-84	11.7
Old Brahmaputra	SW225	Jamalpur	21-Apr-84	11.68
Old Brahmaputra	SW225	Jamalpur	22-Apr-84	11.67
Old Brahmaputra	SW225	Jamalpur	23-Apr-84	11.65
Old Brahmaputra	SW225	Jamalpur	24-Apr-84	11.64
Old Brahmaputra	SW225	Jamalpur	25-Apr-84	11.63
Old Brahmaputra	SW225	Jamalpur	26-Apr-84	11.62
Old Brahmaputra	SW225	Jamalpur	27-Apr-84	11.61
Old Brahmaputra	SW225	Jamalpur	28-Apr-84	11.65
Old Brahmaputra	SW225	Jamalpur	29-Apr-84	11.74
Old Brahmaputra	SW225	Jamalpur	30-Apr-84	11.78
Old Brahmaputra	SW225	Jamalpur	01-May-84	11.8
Old Brahmaputra	SW225	Jamalpur	02-May-84	11.69
Old Brahmaputra	SW225	Jamalpur	03-May-84	11.76
Old Brahmaputra	SW225	Jamalpur	04-May-84	11.76
Old Brahmaputra	SW225	Jamalpur	05-May-84	11.77
Old Brahmaputra	SW225	Jamalpur	06-May-84	11.8
Old Brahmaputra	SW225	Jamalpur	07-May-84	11.9
Old Brahmaputra	SW225	Jamalpur	08-May-84	11.94
Old Brahmaputra	SW225	Jamalpur	09-May-84	11.94
Old Brahmaputra	SW225	Jamalpur	10-May-84	11.97
Old Brahmaputra	SW225	Jamalpur	11-May-84	12.02
Old Brahmaputra	SW225	Jamalpur	12-May-84	12.04
Old Brahmaputra	SW225	Jamalpur	13-May-84	11.95
Old Brahmaputra	SW225	Jamalpur	14-May-84	11.94
Old Brahmaputra	SW225	Jamalpur	15-May-84	12.07
Old Brahmaputra	SW225	Jamalpur	16-May-84	12.03
Old Brahmaputra	SW225	Jamalpur	17-May-84	11.96
Old Brahmaputra	SW225	Jamalpur	18-May-84	12.03
Old Brahmaputra	SW225	Jamalpur	19-May-84	12.24
Old Brahmaputra	SW225	Jamalpur	20-May-84	12.39
Old Brahmaputra	SW225	Jamalpur	21-May-84	12.54
Old Brahmaputra	SW225	Jamalpur	22-May-84	12.76

Old Brahmaputra	SW225	Jamalpur	23-May-84	12.97
Old Brahmaputra	SW225	Jamalpur	24-May-84	13.51
Old Brahmaputra	SW225	Jamalpur	25-May-84	13.98
Old Brahmaputra	SW225	Jamalpur	26-May-84	14.14
Old Brahmaputra	SW225	Jamalpur	27-May-84	14.16
Old Brahmaputra	SW225	Jamalpur	28-May-84	14.16
Old Brahmaputra	SW225	Jamalpur	29-May-84	14.1
Old Brahmaputra	SW225	Jamalpur	30-May-84	13.92
Old Brahmaputra	SW225	Jamalpur	31-May-84	13.83
Old Brahmaputra	SW225	Jamalpur	01-Jun-84	13.76
Old Brahmaputra	SW225	Jamalpur	02-Jun-84	13.6
Old Brahmaputra	SW225	Jamalpur	03-Jun-84	13.49
Old Brahmaputra	SW225	Jamalpur	04-Jun-84	13.42
Old Brahmaputra	SW225	Jamalpur	05-Jun-84	13.43
Old Brahmaputra	SW225	Jamalpur	06-Jun-84	13.81
Old Brahmaputra	SW225	Jamalpur	07-Jun-84	13.9
Old Brahmaputra	SW225	Jamalpur	08-Jun-84	13.93
Old Brahmaputra	SW225	Jamalpur	09-Jun-84	13.84
Old Brahmaputra	SW225	Jamalpur	10-Jun-84	13.9
Old Brahmaputra	SW225	Jamalpur	11-Jun-84	13.81
Old Brahmaputra	SW225	Jamalpur	12-Jun-84	13.81
Old Brahmaputra	SW225	Jamalpur	13-Jun-84	13.95
Old Brahmaputra	SW225	Jamalpur	14-Jun-84	13.92
Old Brahmaputra	SW225	Jamalpur	15-Jun-84	13.93
Old Brahmaputra	SW225	Jamalpur	16-Jun-84	14.1
Old Brahmaputra	SW225	Jamalpur	17-Jun-84	14.7
Old Brahmaputra	SW225	Jamalpur	18-Jun-84	15.06
Old Brahmaputra	SW225	Jamalpur	19-Jun-84	15.2
Old Brahmaputra	SW225	Jamalpur	20-Jun-84	15.23
Old Brahmaputra	SW225	Jamalpur	21-Jun-84	15.25
Old Brahmaputra	SW225	Jamalpur	22-Jun-84	15.32
Old Brahmaputra	SW225	Jamalpur	23-Jun-84	15.36
Old Brahmaputra	SW225	Jamalpur	24-Jun-84	15.27
Old Brahmaputra	SW225	Jamalpur	25-Jun-84	15.08
Old Brahmaputra	SW225	Jamalpur	26-Jun-84	14.89
Old Brahmaputra	SW225	Jamalpur	27-Jun-84	14.85
Old Brahmaputra	SW225	Jamalpur	28-Jun-84	14.84
Old Brahmaputra	SW225	Jamalpur	29-Jun-84	14.78
Old Brahmaputra	SW225	Jamalpur	30-Jun-84	14.61
Old Brahmaputra	SW225	Jamalpur	01-Jul-84	14.57
Old Brahmaputra	SW225	Jamalpur	02-Jul-84	14.58
Old Brahmaputra	SW225	Jamalpur	03-Jul-84	14.6
Old Brahmaputra	SW225	Jamalpur	04-Jul-84	14.61
Old Brahmaputra	SW225	Jamalpur	05-Jul-84	14.62
Old Brahmaputra	SW225	Jamalpur	06-Jul-84	14.65
Old Brahmaputra	SW225	Jamalpur	07-Jul-84	14.71
Old Brahmaputra	SW225	Jamalpur	08-Jul-84	14.88
Old Brahmaputra	SW225	Jamalpur	09-Jul-84	15.17
Old Brahmaputra	SW225	Jamalpur	10-Jul-84	15.43
Old Brahmaputra	SW225	Jamalpur	11-Jul-84	15.63

Old Brahmaputra	SW225	Jamalpur	12-Jul-84	15.82
Old Brahmaputra	SW225	Jamalpur	13-Jul-84	16.11
Old Brahmaputra	SW225	Jamalpur	14-Jul-84	16.42
Old Brahmaputra	SW225	Jamalpur	15-Jul-84	16.76
Old Brahmaputra	SW225	Jamalpur	16-Jul-84	17
Old Brahmaputra	SW225	Jamalpur	17-Jul-84	17.03
Old Brahmaputra	SW225	Jamalpur	18-Jul-84	16.99
Old Brahmaputra	SW225	Jamalpur	19-Jul-84	16.86
Old Brahmaputra	SW225	Jamalpur	20-Jul-84	16.7
Old Brahmaputra	SW225	Jamalpur	21-Jul-84	16.54
Old Brahmaputra	SW225	Jamalpur	22-Jul-84	16.4
Old Brahmaputra	SW225	Jamalpur	23-Jul-84	16.26
Old Brahmaputra	SW225	Jamalpur	24-Jul-84	16.14
Old Brahmaputra	SW225	Jamalpur	25-Jul-84	16.1
Old Brahmaputra	SW225	Jamalpur	26-Jul-84	16.18
Old Brahmaputra	SW225	Jamalpur	27-Jul-84	16.3
Old Brahmaputra	SW225	Jamalpur	28-Jul-84	16.51
Old Brahmaputra	SW225	Jamalpur	29-Jul-84	16.94
Old Brahmaputra	SW225	Jamalpur	30-Jul-84	17.17
Old Brahmaputra	SW225	Jamalpur	31-Jul-84	17.09
Old Brahmaputra	SW225	Jamalpur	01-Aug-84	17.09
Old Brahmaputra	SW225	Jamalpur	02-Aug-84	17.06
Old Brahmaputra	SW225	Jamalpur	03-Aug-84	16.99
Old Brahmaputra	SW225	Jamalpur	04-Aug-84	16.94
Old Brahmaputra	SW225	Jamalpur	05-Aug-84	16.8
Old Brahmaputra	SW225	Jamalpur	06-Aug-84	16.64
Old Brahmaputra	SW225	Jamalpur	07-Aug-84	16.47
Old Brahmaputra	SW225	Jamalpur	08-Aug-84	16.3
Old Brahmaputra	SW225	Jamalpur	09-Aug-84	16.15
Old Brahmaputra	SW225	Jamalpur	10-Aug-84	15.98
Old Brahmaputra	SW225	Jamalpur	11-Aug-84	15.81
Old Brahmaputra	SW225	Jamalpur	12-Aug-84	15.6
Old Brahmaputra	SW225	Jamalpur	13-Aug-84	15.39
Old Brahmaputra	SW225	Jamalpur	14-Aug-84	15.19
Old Brahmaputra	SW225	Jamalpur	15-Aug-84	14.99
Old Brahmaputra	SW225	Jamalpur	16-Aug-84	14.8
Old Brahmaputra	SW225	Jamalpur	17-Aug-84	14.67
Old Brahmaputra	SW225	Jamalpur	18-Aug-84	14.66
Old Brahmaputra	SW225	Jamalpur	19-Aug-84	14.55
Old Brahmaputra	SW225	Jamalpur	20-Aug-84	14.53
Old Brahmaputra	SW225	Jamalpur	21-Aug-84	14.45
Old Brahmaputra	SW225	Jamalpur	22-Aug-84	14.47
Old Brahmaputra	SW225	Jamalpur	23-Aug-84	14.54
Old Brahmaputra	SW225	Jamalpur	24-Aug-84	14.57
Old Brahmaputra	SW225	Jamalpur	25-Aug-84	14.65
Old Brahmaputra	SW225	Jamalpur	26-Aug-84	14.73
Old Brahmaputra	SW225	Jamalpur	27-Aug-84	14.67
Old Brahmaputra	SW225	Jamalpur	28-Aug-84	14.65
Old Brahmaputra	SW225	Jamalpur	29-Aug-84	14.72
Old Brahmaputra	SW225	Jamalpur	30-Aug-84	14.74

Old Brahmaputra	SW225	Jamalpur	31-Aug-84	14.74
Old Brahmaputra	SW225	Jamalpur	01-Sep-84	14.82
Old Brahmaputra	SW225	Jamalpur	02-Sep-84	14.9
Old Brahmaputra	SW225	Jamalpur	03-Sep-84	14.92
Old Brahmaputra	SW225	Jamalpur	04-Sep-84	14.92
Old Brahmaputra	SW225	Jamalpur	05-Sep-84	14.92
Old Brahmaputra	SW225	Jamalpur	06-Sep-84	15.06
Old Brahmaputra	SW225	Jamalpur	07-Sep-84	15.19
Old Brahmaputra	SW225	Jamalpur	08-Sep-84	15.3
Old Brahmaputra	SW225	Jamalpur	09-Sep-84	15.42
Old Brahmaputra	SW225	Jamalpur	10-Sep-84	15.48
Old Brahmaputra	SW225	Jamalpur	11-Sep-84	15.5
Old Brahmaputra	SW225	Jamalpur	12-Sep-84	15.48
Old Brahmaputra	SW225	Jamalpur	13-Sep-84	15.53
Old Brahmaputra	SW225	Jamalpur	14-Sep-84	15.57
Old Brahmaputra	SW225	Jamalpur	15-Sep-84	15.63
Old Brahmaputra	SW225	Jamalpur	16-Sep-84	15.84
Old Brahmaputra	SW225	Jamalpur	17-Sep-84	16.48
Old Brahmaputra	SW225	Jamalpur	18-Sep-84	16.88
Old Brahmaputra	SW225	Jamalpur	19-Sep-84	17.16
Old Brahmaputra	SW225	Jamalpur	20-Sep-84	17.3
Old Brahmaputra	SW225	Jamalpur	21-Sep-84	17.3
Old Brahmaputra	SW225	Jamalpur	22-Sep-84	17.23
Old Brahmaputra	SW225	Jamalpur	23-Sep-84	17.07
Old Brahmaputra	SW225	Jamalpur	24-Sep-84	16.91
Old Brahmaputra	SW225	Jamalpur	25-Sep-84	16.77
Old Brahmaputra	SW225	Jamalpur	26-Sep-84	16.58
Old Brahmaputra	SW225	Jamalpur	27-Sep-84	16.39
Old Brahmaputra	SW225	Jamalpur	28-Sep-84	16.11
Old Brahmaputra	SW225	Jamalpur	29-Sep-84	15.86
Old Brahmaputra	SW225	Jamalpur	30-Sep-84	15.64
Old Brahmaputra	SW225	Jamalpur	01-Oct-84	15.43
Old Brahmaputra	SW225	Jamalpur	02-Oct-84	15.22
Old Brahmaputra	SW225	Jamalpur	03-Oct-84	14.93
Old Brahmaputra	SW225	Jamalpur	04-Oct-84	15.05
Old Brahmaputra	SW225	Jamalpur	05-Oct-84	14.96
Old Brahmaputra	SW225	Jamalpur	06-Oct-84	14.64
Old Brahmaputra	SW225	Jamalpur	07-Oct-84	14.5
Old Brahmaputra	SW225	Jamalpur	08-Oct-84	14.35
Old Brahmaputra	SW225	Jamalpur	09-Oct-84	14.19
Old Brahmaputra	SW225	Jamalpur	10-Oct-84	14.1
Old Brahmaputra	SW225	Jamalpur	11-Oct-84	13.99
Old Brahmaputra	SW225	Jamalpur	12-Oct-84	13.91
Old Brahmaputra	SW225	Jamalpur	13-Oct-84	13.86
Old Brahmaputra	SW225	Jamalpur	14-Oct-84	13.86
Old Brahmaputra	SW225	Jamalpur	15-Oct-84	13.84
Old Brahmaputra	SW225	Jamalpur	16-Oct-84	13.76
Old Brahmaputra	SW225	Jamalpur	17-Oct-84	13.69
Old Brahmaputra	SW225	Jamalpur	18-Oct-84	13.66
Old Brahmaputra	SW225	Jamalpur	19-Oct-84	13.64

Old Brahmaputra	SW225	Jamalpur	20-Oct-84	13.6
Old Brahmaputra	SW225	Jamalpur	21-Oct-84	13.77
Old Brahmaputra	SW225	Jamalpur	22-Oct-84	14.02
Old Brahmaputra	SW225	Jamalpur	23-Oct-84	14.21
Old Brahmaputra	SW225	Jamalpur	24-Oct-84	14.27
Old Brahmaputra	SW225	Jamalpur	25-Oct-84	14.21
Old Brahmaputra	SW225	Jamalpur	26-Oct-84	14.12
Old Brahmaputra	SW225	Jamalpur	27-Oct-84	14
Old Brahmaputra	SW225	Jamalpur	28-Oct-84	13.97
Old Brahmaputra	SW225	Jamalpur	29-Oct-84	13.9
Old Brahmaputra	SW225	Jamalpur	30-Oct-84	13.84
Old Brahmaputra	SW225	Jamalpur	31-Oct-84	13.67
Old Brahmaputra	SW225	Jamalpur	01-Nov-84	13.58
Old Brahmaputra	SW225	Jamalpur	02-Nov-84	13.44
Old Brahmaputra	SW225	Jamalpur	03-Nov-84	13.37
Old Brahmaputra	SW225	Jamalpur	04-Nov-84	13.33
Old Brahmaputra	SW225	Jamalpur	05-Nov-84	13.24
Old Brahmaputra	SW225	Jamalpur	06-Nov-84	13.18
Old Brahmaputra	SW225	Jamalpur	07-Nov-84	13.14
Old Brahmaputra	SW225	Jamalpur	08-Nov-84	13.09
Old Brahmaputra	SW225	Jamalpur	09-Nov-84	13.03
Old Brahmaputra	SW225	Jamalpur	10-Nov-84	12.98
Old Brahmaputra	SW225	Jamalpur	11-Nov-84	12.95
Old Brahmaputra	SW225	Jamalpur	12-Nov-84	12.92
Old Brahmaputra	SW225	Jamalpur	13-Nov-84	12.88
Old Brahmaputra	SW225	Jamalpur	14-Nov-84	12.85
Old Brahmaputra	SW225	Jamalpur	15-Nov-84	12.85
Old Brahmaputra	SW225	Jamalpur	16-Nov-84	12.85
Old Brahmaputra	SW225	Jamalpur	17-Nov-84	12.81
Old Brahmaputra	SW225	Jamalpur	18-Nov-84	12.78
Old Brahmaputra	SW225	Jamalpur	19-Nov-84	12.75
Old Brahmaputra	SW225	Jamalpur	20-Nov-84	12.72
Old Brahmaputra	SW225	Jamalpur	21-Nov-84	12.7
Old Brahmaputra	SW225	Jamalpur	22-Nov-84	12.67
Old Brahmaputra	SW225	Jamalpur	23-Nov-84	12.64
Old Brahmaputra	SW225	Jamalpur	24-Nov-84	12.61
Old Brahmaputra	SW225	Jamalpur	25-Nov-84	12.58
Old Brahmaputra	SW225	Jamalpur	26-Nov-84	12.54
Old Brahmaputra	SW225	Jamalpur	27-Nov-84	12.5
Old Brahmaputra	SW225	Jamalpur	28-Nov-84	12.5
Old Brahmaputra	SW225	Jamalpur	29-Nov-84	12.5
Old Brahmaputra	SW225	Jamalpur	30-Nov-84	12.49
Old Brahmaputra	SW225	Jamalpur	01-Dec-84	12.45
Old Brahmaputra	SW225	Jamalpur	02-Dec-84	12.44
Old Brahmaputra	SW225	Jamalpur	03-Dec-84	12.42
Old Brahmaputra	SW225	Jamalpur	04-Dec-84	12.4
Old Brahmaputra	SW225	Jamalpur	05-Dec-84	12.39
Old Brahmaputra	SW225	Jamalpur	06-Dec-84	12.38
Old Brahmaputra	SW225	Jamalpur	07-Dec-84	12.37
Old Brahmaputra	SW225	Jamalpur	08-Dec-84	12.36

Old Brahmaputra	SW225	Jamalpur	09-Dec-84	12.35
Old Brahmaputra	SW225	Jamalpur	10-Dec-84	12.34
Old Brahmaputra	SW225	Jamalpur	11-Dec-84	12.32
Old Brahmaputra	SW225	Jamalpur	12-Dec-84	12.3
Old Brahmaputra	SW225	Jamalpur	13-Dec-84	12.29
Old Brahmaputra	SW225	Jamalpur	14-Dec-84	12.28
Old Brahmaputra	SW225	Jamalpur	15-Dec-84	12.28
Old Brahmaputra	SW225	Jamalpur	16-Dec-84	12.27
Old Brahmaputra	SW225	Jamalpur	17-Dec-84	12.26
Old Brahmaputra	SW225	Jamalpur	18-Dec-84	12.25
Old Brahmaputra	SW225	Jamalpur	19-Dec-84	12.24
Old Brahmaputra	SW225	Jamalpur	20-Dec-84	12.24
Old Brahmaputra	SW225	Jamalpur	21-Dec-84	12.23
Old Brahmaputra	SW225	Jamalpur	22-Dec-84	12.23
Old Brahmaputra	SW225	Jamalpur	23-Dec-84	12.22
Old Brahmaputra	SW225	Jamalpur	24-Dec-84	12.25
Old Brahmaputra	SW225	Jamalpur	25-Dec-84	12.25
Old Brahmaputra	SW225	Jamalpur	26-Dec-84	12.22
Old Brahmaputra	SW225	Jamalpur	27-Dec-84	12.21
Old Brahmaputra	SW225	Jamalpur	28-Dec-84	12.2
Old Brahmaputra	SW225	Jamalpur	29-Dec-84	12.18
Old Brahmaputra	SW225	Jamalpur	30-Dec-84	12.17
Old Brahmaputra	SW225	Jamalpur	31-Dec-84	12.16
Old Brahmaputra	SW225	Jamalpur	01-Jan-85	12.15
Old Brahmaputra	SW225	Jamalpur	02-Jan-85	12.14
Old Brahmaputra	SW225	Jamalpur	03-Jan-85	12.13
Old Brahmaputra	SW225	Jamalpur	04-Jan-85	12.12
Old Brahmaputra	SW225	Jamalpur	05-Jan-85	12.11
Old Brahmaputra	SW225	Jamalpur	06-Jan-85	12.1
Old Brahmaputra	SW225	Jamalpur	07-Jan-85	12.09
Old Brahmaputra	SW225	Jamalpur	08-Jan-85	12.08
Old Brahmaputra	SW225	Jamalpur	09-Jan-85	12.08
Old Brahmaputra	SW225	Jamalpur	10-Jan-85	12.07
Old Brahmaputra	SW225	Jamalpur	11-Jan-85	12.06
Old Brahmaputra	SW225	Jamalpur	12-Jan-85	12.05
Old Brahmaputra	SW225	Jamalpur	13-Jan-85	12.05
Old Brahmaputra	SW225	Jamalpur	14-Jan-85	12.04
Old Brahmaputra	SW225	Jamalpur	15-Jan-85	12.03
Old Brahmaputra	SW225	Jamalpur	16-Jan-85	12.03
Old Brahmaputra	SW225	Jamalpur	17-Jan-85	12.03
Old Brahmaputra	SW225	Jamalpur	18-Jan-85	12.02
Old Brahmaputra	SW225	Jamalpur	19-Jan-85	12.02
Old Brahmaputra	SW225	Jamalpur	20-Jan-85	12.02
Old Brahmaputra	SW225	Jamalpur	21-Jan-85	12.01
Old Brahmaputra	SW225	Jamalpur	22-Jan-85	12.01
Old Brahmaputra	SW225	Jamalpur	23-Jan-85	12
Old Brahmaputra	SW225	Jamalpur	24-Jan-85	12
Old Brahmaputra	SW225	Jamalpur	25-Jan-85	11.99
Old Brahmaputra	SW225	Jamalpur	26-Jan-85	11.99
Old Brahmaputra	SW225	Jamalpur	27-Jan-85	11.99

Old Brahmaputra	SW225	Jamalpur	28-Jan-85	11.98
Old Brahmaputra	SW225	Jamalpur	29-Jan-85	11.98
Old Brahmaputra	SW225	Jamalpur	30-Jan-85	11.98
Old Brahmaputra	SW225	Jamalpur	31-Jan-85	11.97
Old Brahmaputra	SW225	Jamalpur	01-Feb-85	11.97
Old Brahmaputra	SW225	Jamalpur	02-Feb-85	11.97
Old Brahmaputra	SW225	Jamalpur	03-Feb-85	11.97
Old Brahmaputra	SW225	Jamalpur	04-Feb-85	11.97
Old Brahmaputra	SW225	Jamalpur	05-Feb-85	11.96
Old Brahmaputra	SW225	Jamalpur	06-Feb-85	12
Old Brahmaputra	SW225	Jamalpur	07-Feb-85	11.97
Old Brahmaputra	SW225	Jamalpur	08-Feb-85	11.93
Old Brahmaputra	SW225	Jamalpur	09-Feb-85	11.89
Old Brahmaputra	SW225	Jamalpur	10-Feb-85	11.85
Old Brahmaputra	SW225	Jamalpur	11-Feb-85	11.81
Old Brahmaputra	SW225	Jamalpur	12-Feb-85	11.77
Old Brahmaputra	SW225	Jamalpur	13-Feb-85	11.75
Old Brahmaputra	SW225	Jamalpur	14-Feb-85	11.74
Old Brahmaputra	SW225	Jamalpur	15-Feb-85	11.75
Old Brahmaputra	SW225	Jamalpur	16-Feb-85	11.75
Old Brahmaputra	SW225	Jamalpur	17-Feb-85	11.74
Old Brahmaputra	SW225	Jamalpur	18-Feb-85	11.74
Old Brahmaputra	SW225	Jamalpur	19-Feb-85	11.73
Old Brahmaputra	SW225	Jamalpur	20-Feb-85	11.73
Old Brahmaputra	SW225	Jamalpur	21-Feb-85	11.73
Old Brahmaputra	SW225	Jamalpur	22-Feb-85	11.73
Old Brahmaputra	SW225	Jamalpur	23-Feb-85	11.73
Old Brahmaputra	SW225	Jamalpur	24-Feb-85	11.73
Old Brahmaputra	SW225	Jamalpur	25-Feb-85	11.73
Old Brahmaputra	SW225	Jamalpur	26-Feb-85	11.73
Old Brahmaputra	SW225	Jamalpur	27-Feb-85	11.73
Old Brahmaputra	SW225	Jamalpur	28-Feb-85	11.73
Old Brahmaputra	SW225	Jamalpur	01-Mar-85	11.73
Old Brahmaputra	SW225	Jamalpur	02-Mar-85	11.73
Old Brahmaputra	SW225	Jamalpur	03-Mar-85	11.73
Old Brahmaputra	SW225	Jamalpur	04-Mar-85	11.72
Old Brahmaputra	SW225	Jamalpur	05-Mar-85	11.72
Old Brahmaputra	SW225	Jamalpur	06-Mar-85	11.72
Old Brahmaputra	SW225	Jamalpur	07-Mar-85	11.72
Old Brahmaputra	SW225	Jamalpur	08-Mar-85	11.72
Old Brahmaputra	SW225	Jamalpur	09-Mar-85	11.72
Old Brahmaputra	SW225	Jamalpur	10-Mar-85	11.72
Old Brahmaputra	SW225	Jamalpur	11-Mar-85	11.71
Old Brahmaputra	SW225	Jamalpur	12-Mar-85	11.72
Old Brahmaputra	SW225	Jamalpur	13-Mar-85	11.72
Old Brahmaputra	SW225	Jamalpur	14-Mar-85	11.72
Old Brahmaputra	SW225	Jamalpur	15-Mar-85	11.73
Old Brahmaputra	SW225	Jamalpur	16-Mar-85	11.75
Old Brahmaputra	SW225	Jamalpur	17-Mar-85	11.86
Old Brahmaputra	SW225	Jamalpur	18-Mar-85	11.97

Old Brahmaputra	SW225	Jamalpur	19-Mar-85	12
Old Brahmaputra	SW225	Jamalpur	20-Mar-85	11.98
Old Brahmaputra	SW225	Jamalpur	21-Mar-85	11.95
Old Brahmaputra	SW225	Jamalpur	22-Mar-85	11.93
Old Brahmaputra	SW225	Jamalpur	23-Mar-85	11.91
Old Brahmaputra	SW225	Jamalpur	24-Mar-85	11.89
Old Brahmaputra	SW225	Jamalpur	25-Mar-85	11.89
Old Brahmaputra	SW225	Jamalpur	26-Mar-85	11.89
Old Brahmaputra	SW225	Jamalpur	27-Mar-85	11.88
Old Brahmaputra	SW225	Jamalpur	28-Mar-85	11.91
Old Brahmaputra	SW225	Jamalpur	29-Mar-85	11.93
Old Brahmaputra	SW225	Jamalpur	30-Mar-85	11.98
Old Brahmaputra	SW225	Jamalpur	31-Mar-85	11.98
Old Brahmaputra	SW225	Jamalpur	01-Apr-85	11.98
Old Brahmaputra	SW225	Jamalpur	02-Apr-85	11.98
Old Brahmaputra	SW225	Jamalpur	03-Apr-85	11.98
Old Brahmaputra	SW225	Jamalpur	04-Apr-85	11.99
Old Brahmaputra	SW225	Jamalpur	05-Apr-85	12
Old Brahmaputra	SW225	Jamalpur	06-Apr-85	12.01
Old Brahmaputra	SW225	Jamalpur	07-Apr-85	12.03
Old Brahmaputra	SW225	Jamalpur	08-Apr-85	12.11
Old Brahmaputra	SW225	Jamalpur	09-Apr-85	12.26
Old Brahmaputra	SW225	Jamalpur	10-Apr-85	12.34
Old Brahmaputra	SW225	Jamalpur	11-Apr-85	12.37
Old Brahmaputra	SW225	Jamalpur	12-Apr-85	12.41
Old Brahmaputra	SW225	Jamalpur	13-Apr-85	12.49
Old Brahmaputra	SW225	Jamalpur	14-Apr-85	12.52
Old Brahmaputra	SW225	Jamalpur	15-Apr-85	12.55
Old Brahmaputra	SW225	Jamalpur	16-Apr-85	12.51
Old Brahmaputra	SW225	Jamalpur	17-Apr-85	12.47
Old Brahmaputra	SW225	Jamalpur	18-Apr-85	12.52
Old Brahmaputra	SW225	Jamalpur	19-Apr-85	12.65
Old Brahmaputra	SW225	Jamalpur	20-Apr-85	12.74
Old Brahmaputra	SW225	Jamalpur	21-Apr-85	12.78
Old Brahmaputra	SW225	Jamalpur	22-Apr-85	12.75
Old Brahmaputra	SW225	Jamalpur	23-Apr-85	12.86
Old Brahmaputra	SW225	Jamalpur	24-Apr-85	12.93
Old Brahmaputra	SW225	Jamalpur	25-Apr-85	12.92
Old Brahmaputra	SW225	Jamalpur	26-Apr-85	12.81
Old Brahmaputra	SW225	Jamalpur	27-Apr-85	12.76
Old Brahmaputra	SW225	Jamalpur	28-Apr-85	12.79
Old Brahmaputra	SW225	Jamalpur	29-Apr-85	12.78
Old Brahmaputra	SW225	Jamalpur	30-Apr-85	12.79
Old Brahmaputra	SW225	Jamalpur	01-May-85	12.87
Old Brahmaputra	SW225	Jamalpur	02-May-85	13.2
Old Brahmaputra	SW225	Jamalpur	03-May-85	13.38
Old Brahmaputra	SW225	Jamalpur	04-May-85	13.36
Old Brahmaputra	SW225	Jamalpur	05-May-85	13.23
Old Brahmaputra	SW225	Jamalpur	06-May-85	13.12
Old Brahmaputra	SW225	Jamalpur	07-May-85	13.06

Old Brahmaputra	SW225	Jamalpur	08-May-85	13
Old Brahmaputra	SW225	Jamalpur	09-May-85	12.95
Old Brahmaputra	SW225	Jamalpur	10-May-85	12.93
Old Brahmaputra	SW225	Jamalpur	11-May-85	12.95
Old Brahmaputra	SW225	Jamalpur	12-May-85	13.03
Old Brahmaputra	SW225	Jamalpur	13-May-85	13.06
Old Brahmaputra	SW225	Jamalpur	14-May-85	13.04
Old Brahmaputra	SW225	Jamalpur	15-May-85	13.05
Old Brahmaputra	SW225	Jamalpur	16-May-85	12.97
Old Brahmaputra	SW225	Jamalpur	17-May-85	12.86
Old Brahmaputra	SW225	Jamalpur	18-May-85	12.85
Old Brahmaputra	SW225	Jamalpur	19-May-85	12.84
Old Brahmaputra	SW225	Jamalpur	20-May-85	12.83
Old Brahmaputra	SW225	Jamalpur	21-May-85	12.82
Old Brahmaputra	SW225	Jamalpur	22-May-85	12.84
Old Brahmaputra	SW225	Jamalpur	23-May-85	12.84
Old Brahmaputra	SW225	Jamalpur	24-May-85	12.84
Old Brahmaputra	SW225	Jamalpur	25-May-85	12.85
Old Brahmaputra	SW225	Jamalpur	26-May-85	12.83
Old Brahmaputra	SW225	Jamalpur	27-May-85	12.75
Old Brahmaputra	SW225	Jamalpur	28-May-85	12.73
Old Brahmaputra	SW225	Jamalpur	29-May-85	12.72
Old Brahmaputra	SW225	Jamalpur	30-May-85	12.78
Old Brahmaputra	SW225	Jamalpur	31-May-85	12.9
Old Brahmaputra	SW225	Jamalpur	01-Jun-85	13.43
Old Brahmaputra	SW225	Jamalpur	02-Jun-85	13.82
Old Brahmaputra	SW225	Jamalpur	03-Jun-85	14.35
Old Brahmaputra	SW225	Jamalpur	04-Jun-85	14.96
Old Brahmaputra	SW225	Jamalpur	05-Jun-85	15.45
Old Brahmaputra	SW225	Jamalpur	06-Jun-85	15.75
Old Brahmaputra	SW225	Jamalpur	07-Jun-85	15.92
Old Brahmaputra	SW225	Jamalpur	08-Jun-85	15.92
Old Brahmaputra	SW225	Jamalpur	09-Jun-85	15.84
Old Brahmaputra	SW225	Jamalpur	10-Jun-85	15.58
Old Brahmaputra	SW225	Jamalpur	11-Jun-85	15.31
Old Brahmaputra	SW225	Jamalpur	12-Jun-85	15.05
Old Brahmaputra	SW225	Jamalpur	13-Jun-85	14.86
Old Brahmaputra	SW225	Jamalpur	14-Jun-85	14.74
Old Brahmaputra	SW225	Jamalpur	15-Jun-85	14.69
Old Brahmaputra	SW225	Jamalpur	16-Jun-85	14.75
Old Brahmaputra	SW225	Jamalpur	17-Jun-85	14.79
Old Brahmaputra	SW225	Jamalpur	18-Jun-85	14.7
Old Brahmaputra	SW225	Jamalpur	19-Jun-85	14.73
Old Brahmaputra	SW225	Jamalpur	20-Jun-85	14.82
Old Brahmaputra	SW225	Jamalpur	21-Jun-85	14.99
Old Brahmaputra	SW225	Jamalpur	22-Jun-85	15.18
Old Brahmaputra	SW225	Jamalpur	23-Jun-85	15.42
Old Brahmaputra	SW225	Jamalpur	24-Jun-85	15.53
Old Brahmaputra	SW225	Jamalpur	25-Jun-85	15.58
Old Brahmaputra	SW225	Jamalpur	26-Jun-85	15.53

Old Brahmaputra	SW225	Jamalpur	27-Jun-85	15.39
Old Brahmaputra	SW225	Jamalpur	28-Jun-85	15.29
Old Brahmaputra	SW225	Jamalpur	29-Jun-85	15.33
Old Brahmaputra	SW225	Jamalpur	30-Jun-85	15.52
Old Brahmaputra	SW225	Jamalpur	01-Jul-85	15.62
Old Brahmaputra	SW225	Jamalpur	02-Jul-85	15.75
Old Brahmaputra	SW225	Jamalpur	03-Jul-85	15.9
Old Brahmaputra	SW225	Jamalpur	04-Jul-85	16.04
Old Brahmaputra	SW225	Jamalpur	05-Jul-85	16.17
Old Brahmaputra	SW225	Jamalpur	06-Jul-85	16.2
Old Brahmaputra	SW225	Jamalpur	07-Jul-85	16.14
Old Brahmaputra	SW225	Jamalpur	08-Jul-85	16.16
Old Brahmaputra	SW225	Jamalpur	09-Jul-85	16.26
Old Brahmaputra	SW225	Jamalpur	10-Jul-85	16.31
Old Brahmaputra	SW225	Jamalpur	11-Jul-85	16.41
Old Brahmaputra	SW225	Jamalpur	12-Jul-85	16.59
Old Brahmaputra	SW225	Jamalpur	13-Jul-85	16.72
Old Brahmaputra	SW225	Jamalpur	14-Jul-85	16.79
Old Brahmaputra	SW225	Jamalpur	15-Jul-85	16.86
Old Brahmaputra	SW225	Jamalpur	16-Jul-85	16.93
Old Brahmaputra	SW225	Jamalpur	17-Jul-85	16.96
Old Brahmaputra	SW225	Jamalpur	18-Jul-85	16.98
Old Brahmaputra	SW225	Jamalpur	19-Jul-85	16.93
Old Brahmaputra	SW225	Jamalpur	20-Jul-85	16.85
Old Brahmaputra	SW225	Jamalpur	21-Jul-85	16.76
Old Brahmaputra	SW225	Jamalpur	22-Jul-85	16.67
Old Brahmaputra	SW225	Jamalpur	23-Jul-85	16.63
Old Brahmaputra	SW225	Jamalpur	24-Jul-85	16.68
Old Brahmaputra	SW225	Jamalpur	25-Jul-85	16.83
Old Brahmaputra	SW225	Jamalpur	26-Jul-85	17
Old Brahmaputra	SW225	Jamalpur	27-Jul-85	17.1
Old Brahmaputra	SW225	Jamalpur	28-Jul-85	17.22
Old Brahmaputra	SW225	Jamalpur	29-Jul-85	17.45
Old Brahmaputra	SW225	Jamalpur	30-Jul-85	17.5
Old Brahmaputra	SW225	Jamalpur	31-Jul-85	17.47
Old Brahmaputra	SW225	Jamalpur	01-Aug-85	17.34
Old Brahmaputra	SW225	Jamalpur	02-Aug-85	17.11
Old Brahmaputra	SW225	Jamalpur	03-Aug-85	16.88
Old Brahmaputra	SW225	Jamalpur	04-Aug-85	16.66
Old Brahmaputra	SW225	Jamalpur	05-Aug-85	16.36
Old Brahmaputra	SW225	Jamalpur	06-Aug-85	16.04
Old Brahmaputra	SW225	Jamalpur	07-Aug-85	15.76
Old Brahmaputra	SW225	Jamalpur	08-Aug-85	15.56
Old Brahmaputra	SW225	Jamalpur	09-Aug-85	15.38
Old Brahmaputra	SW225	Jamalpur	10-Aug-85	15.22
Old Brahmaputra	SW225	Jamalpur	11-Aug-85	15.08
Old Brahmaputra	SW225	Jamalpur	12-Aug-85	14.95
Old Brahmaputra	SW225	Jamalpur	13-Aug-85	14.89
Old Brahmaputra	SW225	Jamalpur	14-Aug-85	14.9
Old Brahmaputra	SW225	Jamalpur	15-Aug-85	14.9

Old Brahmaputra	SW225	Jamalpur	16-Aug-85	14.89
Old Brahmaputra	SW225	Jamalpur	17-Aug-85	14.81
Old Brahmaputra	SW225	Jamalpur	18-Aug-85	14.77
Old Brahmaputra	SW225	Jamalpur	19-Aug-85	14.73
Old Brahmaputra	SW225	Jamalpur	20-Aug-85	14.71
Old Brahmaputra	SW225	Jamalpur	21-Aug-85	14.72
Old Brahmaputra	SW225	Jamalpur	22-Aug-85	14.85
Old Brahmaputra	SW225	Jamalpur	23-Aug-85	15
Old Brahmaputra	SW225	Jamalpur	24-Aug-85	15.08
Old Brahmaputra	SW225	Jamalpur	25-Aug-85	15.28
Old Brahmaputra	SW225	Jamalpur	26-Aug-85	15.44
Old Brahmaputra	SW225	Jamalpur	27-Aug-85	15.55
Old Brahmaputra	SW225	Jamalpur	28-Aug-85	15.68
Old Brahmaputra	SW225	Jamalpur	29-Aug-85	15.84
Old Brahmaputra	SW225	Jamalpur	30-Aug-85	15.96
Old Brahmaputra	SW225	Jamalpur	31-Aug-85	16.02
Old Brahmaputra	SW225	Jamalpur	01-Sep-85	15.98
Old Brahmaputra	SW225	Jamalpur	02-Sep-85	15.88
Old Brahmaputra	SW225	Jamalpur	03-Sep-85	15.77
Old Brahmaputra	SW225	Jamalpur	04-Sep-85	15.69
Old Brahmaputra	SW225	Jamalpur	05-Sep-85	15.69
Old Brahmaputra	SW225	Jamalpur	06-Sep-85	15.83
Old Brahmaputra	SW225	Jamalpur	07-Sep-85	16.01
Old Brahmaputra	SW225	Jamalpur	08-Sep-85	16.1
Old Brahmaputra	SW225	Jamalpur	09-Sep-85	16.09
Old Brahmaputra	SW225	Jamalpur	10-Sep-85	16.11
Old Brahmaputra	SW225	Jamalpur	11-Sep-85	16.25
Old Brahmaputra	SW225	Jamalpur	12-Sep-85	16.3
Old Brahmaputra	SW225	Jamalpur	13-Sep-85	16.32
Old Brahmaputra	SW225	Jamalpur	14-Sep-85	16.25
Old Brahmaputra	SW225	Jamalpur	15-Sep-85	16.07
Old Brahmaputra	SW225	Jamalpur	16-Sep-85	15.87
Old Brahmaputra	SW225	Jamalpur	17-Sep-85	15.69
Old Brahmaputra	SW225	Jamalpur	18-Sep-85	15.57
Old Brahmaputra	SW225	Jamalpur	19-Sep-85	15.41
Old Brahmaputra	SW225	Jamalpur	20-Sep-85	15.27
Old Brahmaputra	SW225	Jamalpur	21-Sep-85	15.07
Old Brahmaputra	SW225	Jamalpur	22-Sep-85	14.99
Old Brahmaputra	SW225	Jamalpur	23-Sep-85	14.98
Old Brahmaputra	SW225	Jamalpur	24-Sep-85	14.94
Old Brahmaputra	SW225	Jamalpur	25-Sep-85	15.08
Old Brahmaputra	SW225	Jamalpur	26-Sep-85	15.06
Old Brahmaputra	SW225	Jamalpur	27-Sep-85	15.04
Old Brahmaputra	SW225	Jamalpur	28-Sep-85	15.16
Old Brahmaputra	SW225	Jamalpur	29-Sep-85	15.13
Old Brahmaputra	SW225	Jamalpur	30-Sep-85	15.04
Old Brahmaputra	SW225	Jamalpur	01-Oct-85	15.04
Old Brahmaputra	SW225	Jamalpur	02-Oct-85	14.98
Old Brahmaputra	SW225	Jamalpur	03-Oct-85	15.06
Old Brahmaputra	SW225	Jamalpur	04-Oct-85	15.16

Old Brahmaputra	SW225	Jamalpur	05-Oct-85	15.23
Old Brahmaputra	SW225	Jamalpur	06-Oct-85	15.21
Old Brahmaputra	SW225	Jamalpur	07-Oct-85	15.1
Old Brahmaputra	SW225	Jamalpur	08-Oct-85	14.96
Old Brahmaputra	SW225	Jamalpur	09-Oct-85	14.75
Old Brahmaputra	SW225	Jamalpur	10-Oct-85	14.53
Old Brahmaputra	SW225	Jamalpur	11-Oct-85	14.31
Old Brahmaputra	SW225	Jamalpur	12-Oct-85	14.17
Old Brahmaputra	SW225	Jamalpur	13-Oct-85	13.98
Old Brahmaputra	SW225	Jamalpur	14-Oct-85	13.82
Old Brahmaputra	SW225	Jamalpur	15-Oct-85	13.67
Old Brahmaputra	SW225	Jamalpur	16-Oct-85	13.58
Old Brahmaputra	SW225	Jamalpur	17-Oct-85	13.54
Old Brahmaputra	SW225	Jamalpur	18-Oct-85	13.45
Old Brahmaputra	SW225	Jamalpur	19-Oct-85	13.55
Old Brahmaputra	SW225	Jamalpur	20-Oct-85	13.85
Old Brahmaputra	SW225	Jamalpur	21-Oct-85	13.85
Old Brahmaputra	SW225	Jamalpur	22-Oct-85	13.61
Old Brahmaputra	SW225	Jamalpur	23-Oct-85	13.47
Old Brahmaputra	SW225	Jamalpur	24-Oct-85	13.41
Old Brahmaputra	SW225	Jamalpur	25-Oct-85	13.35
Old Brahmaputra	SW225	Jamalpur	26-Oct-85	13.28
Old Brahmaputra	SW225	Jamalpur	27-Oct-85	13.2
Old Brahmaputra	SW225	Jamalpur	28-Oct-85	13.1
Old Brahmaputra	SW225	Jamalpur	29-Oct-85	13.04
Old Brahmaputra	SW225	Jamalpur	30-Oct-85	13
Old Brahmaputra	SW225	Jamalpur	31-Oct-85	12.97
Old Brahmaputra	SW225	Jamalpur	01-Nov-85	12.94
Old Brahmaputra	SW225	Jamalpur	02-Nov-85	12.89
Old Brahmaputra	SW225	Jamalpur	03-Nov-85	12.85
Old Brahmaputra	SW225	Jamalpur	04-Nov-85	12.81
Old Brahmaputra	SW225	Jamalpur	05-Nov-85	12.75
Old Brahmaputra	SW225	Jamalpur	06-Nov-85	12.71
Old Brahmaputra	SW225	Jamalpur	07-Nov-85	12.69
Old Brahmaputra	SW225	Jamalpur	08-Nov-85	12.65
Old Brahmaputra	SW225	Jamalpur	09-Nov-85	12.6
Old Brahmaputra	SW225	Jamalpur	10-Nov-85	12.58
Old Brahmaputra	SW225	Jamalpur	11-Nov-85	12.56
Old Brahmaputra	SW225	Jamalpur	12-Nov-85	12.54
Old Brahmaputra	SW225	Jamalpur	13-Nov-85	12.52
Old Brahmaputra	SW225	Jamalpur	14-Nov-85	12.5
Old Brahmaputra	SW225	Jamalpur	15-Nov-85	12.49
Old Brahmaputra	SW225	Jamalpur	16-Nov-85	12.46
Old Brahmaputra	SW225	Jamalpur	17-Nov-85	12.45
Old Brahmaputra	SW225	Jamalpur	18-Nov-85	12.41
Old Brahmaputra	SW225	Jamalpur	19-Nov-85	12.37
Old Brahmaputra	SW225	Jamalpur	20-Nov-85	12.34
Old Brahmaputra	SW225	Jamalpur	21-Nov-85	12.32
Old Brahmaputra	SW225	Jamalpur	22-Nov-85	12.3
Old Brahmaputra	SW225	Jamalpur	23-Nov-85	12.28

Old Brahmaputra	SW225	Jamalpur	24-Nov-85	12.27
Old Brahmaputra	SW225	Jamalpur	25-Nov-85	12.25
Old Brahmaputra	SW225	Jamalpur	26-Nov-85	12.24
Old Brahmaputra	SW225	Jamalpur	27-Nov-85	12.19
Old Brahmaputra	SW225	Jamalpur	28-Nov-85	12.17
Old Brahmaputra	SW225	Jamalpur	29-Nov-85	12.16
Old Brahmaputra	SW225	Jamalpur	30-Nov-85	12.15
Old Brahmaputra	SW225	Jamalpur	01-Dec-85	12.14
Old Brahmaputra	SW225	Jamalpur	02-Dec-85	12.13
Old Brahmaputra	SW225	Jamalpur	03-Dec-85	12.12
Old Brahmaputra	SW225	Jamalpur	04-Dec-85	12.11
Old Brahmaputra	SW225	Jamalpur	05-Dec-85	12.1
Old Brahmaputra	SW225	Jamalpur	06-Dec-85	12.1
Old Brahmaputra	SW225	Jamalpur	07-Dec-85	12.09
Old Brahmaputra	SW225	Jamalpur	08-Dec-85	12.09
Old Brahmaputra	SW225	Jamalpur	09-Dec-85	12.08
Old Brahmaputra	SW225	Jamalpur	10-Dec-85	12.08
Old Brahmaputra	SW225	Jamalpur	11-Dec-85	12.07
Old Brahmaputra	SW225	Jamalpur	12-Dec-85	12.06
Old Brahmaputra	SW225	Jamalpur	13-Dec-85	12.06
Old Brahmaputra	SW225	Jamalpur	14-Dec-85	12.05
Old Brahmaputra	SW225	Jamalpur	15-Dec-85	12.05
Old Brahmaputra	SW225	Jamalpur	16-Dec-85	12.04
Old Brahmaputra	SW225	Jamalpur	17-Dec-85	12.04
Old Brahmaputra	SW225	Jamalpur	18-Dec-85	12.03
Old Brahmaputra	SW225	Jamalpur	19-Dec-85	12.03
Old Brahmaputra	SW225	Jamalpur	20-Dec-85	12.02
Old Brahmaputra	SW225	Jamalpur	21-Dec-85	12.02
Old Brahmaputra	SW225	Jamalpur	22-Dec-85	12.01
Old Brahmaputra	SW225	Jamalpur	23-Dec-85	12.01
Old Brahmaputra	SW225	Jamalpur	24-Dec-85	12
Old Brahmaputra	SW225	Jamalpur	25-Dec-85	12
Old Brahmaputra	SW225	Jamalpur	26-Dec-85	11.99
Old Brahmaputra	SW225	Jamalpur	27-Dec-85	11.99
Old Brahmaputra	SW225	Jamalpur	28-Dec-85	11.98
Old Brahmaputra	SW225	Jamalpur	29-Dec-85	11.98
Old Brahmaputra	SW225	Jamalpur	30-Dec-85	11.98
Old Brahmaputra	SW225	Jamalpur	31-Dec-85	11.97
Old Brahmaputra	SW225	Jamalpur	01-Jan-86	11.97
Old Brahmaputra	SW225	Jamalpur	02-Jan-86	11.97
Old Brahmaputra	SW225	Jamalpur	03-Jan-86	11.96
Old Brahmaputra	SW225	Jamalpur	04-Jan-86	11.96
Old Brahmaputra	SW225	Jamalpur	05-Jan-86	11.96
Old Brahmaputra	SW225	Jamalpur	06-Jan-86	11.95
Old Brahmaputra	SW225	Jamalpur	07-Jan-86	11.95
Old Brahmaputra	SW225	Jamalpur	08-Jan-86	11.95
Old Brahmaputra	SW225	Jamalpur	09-Jan-86	11.95
Old Brahmaputra	SW225	Jamalpur	10-Jan-86	11.94
Old Brahmaputra	SW225	Jamalpur	11-Jan-86	11.94
Old Brahmaputra	SW225	Jamalpur	12-Jan-86	11.93

Old Brahmaputra	SW225	Jamalpur	13-Jan-86	11.93
Old Brahmaputra	SW225	Jamalpur	14-Jan-86	11.93
Old Brahmaputra	SW225	Jamalpur	15-Jan-86	11.92
Old Brahmaputra	SW225	Jamalpur	16-Jan-86	11.92
Old Brahmaputra	SW225	Jamalpur	17-Jan-86	11.91
Old Brahmaputra	SW225	Jamalpur	18-Jan-86	11.91
Old Brahmaputra	SW225	Jamalpur	19-Jan-86	11.9
Old Brahmaputra	SW225	Jamalpur	20-Jan-86	11.9
Old Brahmaputra	SW225	Jamalpur	21-Jan-86	11.89
Old Brahmaputra	SW225	Jamalpur	22-Jan-86	11.89
Old Brahmaputra	SW225	Jamalpur	23-Jan-86	11.88
Old Brahmaputra	SW225	Jamalpur	24-Jan-86	11.88
Old Brahmaputra	SW225	Jamalpur	25-Jan-86	11.87
Old Brahmaputra	SW225	Jamalpur	26-Jan-86	11.87
Old Brahmaputra	SW225	Jamalpur	27-Jan-86	11.86
Old Brahmaputra	SW225	Jamalpur	28-Jan-86	11.86
Old Brahmaputra	SW225	Jamalpur	29-Jan-86	11.85
Old Brahmaputra	SW225	Jamalpur	30-Jan-86	11.85
Old Brahmaputra	SW225	Jamalpur	31-Jan-86	11.85
Old Brahmaputra	SW225	Jamalpur	01-Feb-86	11.84
Old Brahmaputra	SW225	Jamalpur	02-Feb-86	11.84
Old Brahmaputra	SW225	Jamalpur	03-Feb-86	11.84
Old Brahmaputra	SW225	Jamalpur	04-Feb-86	11.84
Old Brahmaputra	SW225	Jamalpur	05-Feb-86	11.83
Old Brahmaputra	SW225	Jamalpur	06-Feb-86	11.83
Old Brahmaputra	SW225	Jamalpur	07-Feb-86	11.82
Old Brahmaputra	SW225	Jamalpur	08-Feb-86	11.82
Old Brahmaputra	SW225	Jamalpur	09-Feb-86	11.81
Old Brahmaputra	SW225	Jamalpur	10-Feb-86	11.81
Old Brahmaputra	SW225	Jamalpur	11-Feb-86	11.8
Old Brahmaputra	SW225	Jamalpur	12-Feb-86	11.8
Old Brahmaputra	SW225	Jamalpur	13-Feb-86	11.8
Old Brahmaputra	SW225	Jamalpur	14-Feb-86	11.8
Old Brahmaputra	SW225	Jamalpur	15-Feb-86	11.8
Old Brahmaputra	SW225	Jamalpur	16-Feb-86	11.8
Old Brahmaputra	SW225	Jamalpur	17-Feb-86	11.79
Old Brahmaputra	SW225	Jamalpur	18-Feb-86	11.79
Old Brahmaputra	SW225	Jamalpur	19-Feb-86	11.78
Old Brahmaputra	SW225	Jamalpur	20-Feb-86	11.78
Old Brahmaputra	SW225	Jamalpur	21-Feb-86	11.77
Old Brahmaputra	SW225	Jamalpur	22-Feb-86	11.77
Old Brahmaputra	SW225	Jamalpur	23-Feb-86	11.76
Old Brahmaputra	SW225	Jamalpur	24-Feb-86	11.76
Old Brahmaputra	SW225	Jamalpur	25-Feb-86	11.76
Old Brahmaputra	SW225	Jamalpur	26-Feb-86	11.75
Old Brahmaputra	SW225	Jamalpur	27-Feb-86	11.75
Old Brahmaputra	SW225	Jamalpur	28-Feb-86	11.75
Old Brahmaputra	SW225	Jamalpur	01-Mar-86	11.75
Old Brahmaputra	SW225	Jamalpur	02-Mar-86	11.75
Old Brahmaputra	SW225	Jamalpur	03-Mar-86	11.74

Old Brahmaputra	SW225	Jamalpur	04-Mar-86	11.74
Old Brahmaputra	SW225	Jamalpur	05-Mar-86	11.74
Old Brahmaputra	SW225	Jamalpur	06-Mar-86	11.73
Old Brahmaputra	SW225	Jamalpur	07-Mar-86	11.73
Old Brahmaputra	SW225	Jamalpur	08-Mar-86	11.73
Old Brahmaputra	SW225	Jamalpur	09-Mar-86	11.73
Old Brahmaputra	SW225	Jamalpur	10-Mar-86	11.73
Old Brahmaputra	SW225	Jamalpur	11-Mar-86	11.73
Old Brahmaputra	SW225	Jamalpur	12-Mar-86	11.73
Old Brahmaputra	SW225	Jamalpur	13-Mar-86	11.73
Old Brahmaputra	SW225	Jamalpur	14-Mar-86	11.72
Old Brahmaputra	SW225	Jamalpur	15-Mar-86	11.72
Old Brahmaputra	SW225	Jamalpur	16-Mar-86	11.72
Old Brahmaputra	SW225	Jamalpur	17-Mar-86	11.72
Old Brahmaputra	SW225	Jamalpur	18-Mar-86	11.71
Old Brahmaputra	SW225	Jamalpur	19-Mar-86	11.71
Old Brahmaputra	SW225	Jamalpur	20-Mar-86	11.71
Old Brahmaputra	SW225	Jamalpur	21-Mar-86	11.71
Old Brahmaputra	SW225	Jamalpur	22-Mar-86	11.7
Old Brahmaputra	SW225	Jamalpur	23-Mar-86	11.7
Old Brahmaputra	SW225	Jamalpur	24-Mar-86	11.7
Old Brahmaputra	SW225	Jamalpur	25-Mar-86	11.69
Old Brahmaputra	SW225	Jamalpur	26-Mar-86	11.69
Old Brahmaputra	SW225	Jamalpur	27-Mar-86	11.68
Old Brahmaputra	SW225	Jamalpur	28-Mar-86	11.68
Old Brahmaputra	SW225	Jamalpur	29-Mar-86	11.68
Old Brahmaputra	SW225	Jamalpur	30-Mar-86	11.67
Old Brahmaputra	SW225	Jamalpur	31-Mar-86	11.67
Old Brahmaputra	SW225	Jamalpur	01-Apr-86	11.68
Old Brahmaputra	SW225	Jamalpur	02-Apr-86	11.68
Old Brahmaputra	SW225	Jamalpur	03-Apr-86	11.67
Old Brahmaputra	SW225	Jamalpur	04-Apr-86	11.69
Old Brahmaputra	SW225	Jamalpur	05-Apr-86	11.71
Old Brahmaputra	SW225	Jamalpur	06-Apr-86	11.7
Old Brahmaputra	SW225	Jamalpur	07-Apr-86	11.69
Old Brahmaputra	SW225	Jamalpur	08-Apr-86	11.68
Old Brahmaputra	SW225	Jamalpur	09-Apr-86	11.7
Old Brahmaputra	SW225	Jamalpur	10-Apr-86	11.71
Old Brahmaputra	SW225	Jamalpur	11-Apr-86	11.7
Old Brahmaputra	SW225	Jamalpur	12-Apr-86	11.82
Old Brahmaputra	SW225	Jamalpur	13-Apr-86	11.92
Old Brahmaputra	SW225	Jamalpur	14-Apr-86	11.88
Old Brahmaputra	SW225	Jamalpur	15-Apr-86	11.88
Old Brahmaputra	SW225	Jamalpur	16-Apr-86	11.87
Old Brahmaputra	SW225	Jamalpur	17-Apr-86	11.85
Old Brahmaputra	SW225	Jamalpur	18-Apr-86	11.83
Old Brahmaputra	SW225	Jamalpur	19-Apr-86	11.81
Old Brahmaputra	SW225	Jamalpur	20-Apr-86	11.8
Old Brahmaputra	SW225	Jamalpur	21-Apr-86	11.79
Old Brahmaputra	SW225	Jamalpur	22-Apr-86	11.79

Old Brahmaputra	SW225	Jamalpur	23-Apr-86	11.79
Old Brahmaputra	SW225	Jamalpur	24-Apr-86	12.06
Old Brahmaputra	SW225	Jamalpur	25-Apr-86	12.43
Old Brahmaputra	SW225	Jamalpur	26-Apr-86	12.55
Old Brahmaputra	SW225	Jamalpur	27-Apr-86	12.55
Old Brahmaputra	SW225	Jamalpur	28-Apr-86	12.57
Old Brahmaputra	SW225	Jamalpur	29-Apr-86	12.41
Old Brahmaputra	SW225	Jamalpur	30-Apr-86	12.35
Old Brahmaputra	SW225	Jamalpur	01-May-86	12.33
Old Brahmaputra	SW225	Jamalpur	02-May-86	12.36
Old Brahmaputra	SW225	Jamalpur	03-May-86	12.41
Old Brahmaputra	SW225	Jamalpur	04-May-86	12.51
Old Brahmaputra	SW225	Jamalpur	05-May-86	12.6
Old Brahmaputra	SW225	Jamalpur	06-May-86	12.66
Old Brahmaputra	SW225	Jamalpur	07-May-86	12.7
Old Brahmaputra	SW225	Jamalpur	08-May-86	12.69
Old Brahmaputra	SW225	Jamalpur	09-May-86	12.65
Old Brahmaputra	SW225	Jamalpur	10-May-86	12.59
Old Brahmaputra	SW225	Jamalpur	11-May-86	12.55
Old Brahmaputra	SW225	Jamalpur	12-May-86	12.61
Old Brahmaputra	SW225	Jamalpur	13-May-86	12.71
Old Brahmaputra	SW225	Jamalpur	14-May-86	12.7
Old Brahmaputra	SW225	Jamalpur	15-May-86	12.65
Old Brahmaputra	SW225	Jamalpur	16-May-86	12.58
Old Brahmaputra	SW225	Jamalpur	17-May-86	12.51
Old Brahmaputra	SW225	Jamalpur	18-May-86	12.52
Old Brahmaputra	SW225	Jamalpur	19-May-86	12.53
Old Brahmaputra	SW225	Jamalpur	20-May-86	12.55
Old Brahmaputra	SW225	Jamalpur	21-May-86	12.59
Old Brahmaputra	SW225	Jamalpur	22-May-86	12.63
Old Brahmaputra	SW225	Jamalpur	23-May-86	12.65
Old Brahmaputra	SW225	Jamalpur	24-May-86	12.59
Old Brahmaputra	SW225	Jamalpur	25-May-86	12.56
Old Brahmaputra	SW225	Jamalpur	26-May-86	12.54
Old Brahmaputra	SW225	Jamalpur	27-May-86	12.52
Old Brahmaputra	SW225	Jamalpur	28-May-86	12.51
Old Brahmaputra	SW225	Jamalpur	29-May-86	12.47
Old Brahmaputra	SW225	Jamalpur	30-May-86	12.39
Old Brahmaputra	SW225	Jamalpur	31-May-86	12.35
Old Brahmaputra	SW225	Jamalpur	01-Jun-86	12.32
Old Brahmaputra	SW225	Jamalpur	02-Jun-86	12.32
Old Brahmaputra	SW225	Jamalpur	03-Jun-86	12.31
Old Brahmaputra	SW225	Jamalpur	04-Jun-86	12.31
Old Brahmaputra	SW225	Jamalpur	05-Jun-86	12.3
Old Brahmaputra	SW225	Jamalpur	06-Jun-86	12.3
Old Brahmaputra	SW225	Jamalpur	07-Jun-86	12.34
Old Brahmaputra	SW225	Jamalpur	08-Jun-86	12.41
Old Brahmaputra	SW225	Jamalpur	09-Jun-86	12.57
Old Brahmaputra	SW225	Jamalpur	10-Jun-86	12.71
Old Brahmaputra	SW225	Jamalpur	11-Jun-86	12.79

Old Brahmaputra	SW225	Jamalpur	12-Jun-86	12.84
Old Brahmaputra	SW225	Jamalpur	13-Jun-86	12.87
Old Brahmaputra	SW225	Jamalpur	14-Jun-86	12.87
Old Brahmaputra	SW225	Jamalpur	15-Jun-86	12.85
Old Brahmaputra	SW225	Jamalpur	16-Jun-86	12.85
Old Brahmaputra	SW225	Jamalpur	17-Jun-86	12.87
Old Brahmaputra	SW225	Jamalpur	18-Jun-86	12.92
Old Brahmaputra	SW225	Jamalpur	19-Jun-86	13.05
Old Brahmaputra	SW225	Jamalpur	20-Jun-86	13.28
Old Brahmaputra	SW225	Jamalpur	21-Jun-86	13.48
Old Brahmaputra	SW225	Jamalpur	22-Jun-86	13.64
Old Brahmaputra	SW225	Jamalpur	23-Jun-86	13.88
Old Brahmaputra	SW225	Jamalpur	24-Jun-86	14.13
Old Brahmaputra	SW225	Jamalpur	25-Jun-86	14.19
Old Brahmaputra	SW225	Jamalpur	26-Jun-86	14.28
Old Brahmaputra	SW225	Jamalpur	27-Jun-86	14.38
Old Brahmaputra	SW225	Jamalpur	28-Jun-86	14.47
Old Brahmaputra	SW225	Jamalpur	29-Jun-86	14.6
Old Brahmaputra	SW225	Jamalpur	30-Jun-86	14.73
Old Brahmaputra	SW225	Jamalpur	01-Jul-86	15.04
Old Brahmaputra	SW225	Jamalpur	02-Jul-86	15.2
Old Brahmaputra	SW225	Jamalpur	03-Jul-86	15.16
Old Brahmaputra	SW225	Jamalpur	04-Jul-86	15.13
Old Brahmaputra	SW225	Jamalpur	05-Jul-86	14.94
Old Brahmaputra	SW225	Jamalpur	06-Jul-86	14.76
Old Brahmaputra	SW225	Jamalpur	07-Jul-86	14.64
Old Brahmaputra	SW225	Jamalpur	08-Jul-86	14.53
Old Brahmaputra	SW225	Jamalpur	09-Jul-86	14.45
Old Brahmaputra	SW225	Jamalpur	10-Jul-86	14.45
Old Brahmaputra	SW225	Jamalpur	11-Jul-86	14.48
Old Brahmaputra	SW225	Jamalpur	12-Jul-86	14.4
Old Brahmaputra	SW225	Jamalpur	13-Jul-86	14.31
Old Brahmaputra	SW225	Jamalpur	14-Jul-86	14.25
Old Brahmaputra	SW225	Jamalpur	15-Jul-86	14.22
Old Brahmaputra	SW225	Jamalpur	16-Jul-86	14.23
Old Brahmaputra	SW225	Jamalpur	17-Jul-86	14.27
Old Brahmaputra	SW225	Jamalpur	18-Jul-86	14.33
Old Brahmaputra	SW225	Jamalpur	19-Jul-86	14.45
Old Brahmaputra	SW225	Jamalpur	20-Jul-86	14.58
Old Brahmaputra	SW225	Jamalpur	21-Jul-86	14.67
Old Brahmaputra	SW225	Jamalpur	22-Jul-86	14.71
Old Brahmaputra	SW225	Jamalpur	23-Jul-86	14.8
Old Brahmaputra	SW225	Jamalpur	24-Jul-86	14.97
Old Brahmaputra	SW225	Jamalpur	25-Jul-86	15.06
Old Brahmaputra	SW225	Jamalpur	26-Jul-86	15.14
Old Brahmaputra	SW225	Jamalpur	27-Jul-86	15.24
Old Brahmaputra	SW225	Jamalpur	28-Jul-86	15.28
Old Brahmaputra	SW225	Jamalpur	29-Jul-86	15.21
Old Brahmaputra	SW225	Jamalpur	30-Jul-86	15.05
Old Brahmaputra	SW225	Jamalpur	31-Jul-86	14.87

Old Brahmaputra	SW225	Jamalpur	01-Aug-86	14.75
Old Brahmaputra	SW225	Jamalpur	02-Aug-86	14.67
Old Brahmaputra	SW225	Jamalpur	03-Aug-86	15.11
Old Brahmaputra	SW225	Jamalpur	04-Aug-86	15.25
Old Brahmaputra	SW225	Jamalpur	05-Aug-86	15.36
Old Brahmaputra	SW225	Jamalpur	06-Aug-86	15.41
Old Brahmaputra	SW225	Jamalpur	07-Aug-86	15.25
Old Brahmaputra	SW225	Jamalpur	08-Aug-86	15.15
Old Brahmaputra	SW225	Jamalpur	09-Aug-86	15.08
Old Brahmaputra	SW225	Jamalpur	10-Aug-86	14.96
Old Brahmaputra	SW225	Jamalpur	11-Aug-86	14.71
Old Brahmaputra	SW225	Jamalpur	12-Aug-86	14.42
Old Brahmaputra	SW225	Jamalpur	13-Aug-86	14.16
Old Brahmaputra	SW225	Jamalpur	14-Aug-86	13.93
Old Brahmaputra	SW225	Jamalpur	15-Aug-86	13.77
Old Brahmaputra	SW225	Jamalpur	16-Aug-86	13.67
Old Brahmaputra	SW225	Jamalpur	17-Aug-86	13.58
Old Brahmaputra	SW225	Jamalpur	18-Aug-86	13.55
Old Brahmaputra	SW225	Jamalpur	19-Aug-86	13.57
Old Brahmaputra	SW225	Jamalpur	20-Aug-86	13.64
Old Brahmaputra	SW225	Jamalpur	21-Aug-86	13.71
Old Brahmaputra	SW225	Jamalpur	22-Aug-86	13.77
Old Brahmaputra	SW225	Jamalpur	23-Aug-86	13.84
Old Brahmaputra	SW225	Jamalpur	24-Aug-86	13.92
Old Brahmaputra	SW225	Jamalpur	25-Aug-86	14.16
Old Brahmaputra	SW225	Jamalpur	26-Aug-86	14.35
Old Brahmaputra	SW225	Jamalpur	27-Aug-86	14.4
Old Brahmaputra	SW225	Jamalpur	28-Aug-86	14.44
Old Brahmaputra	SW225	Jamalpur	29-Aug-86	14.57
Old Brahmaputra	SW225	Jamalpur	30-Aug-86	14.72
Old Brahmaputra	SW225	Jamalpur	31-Aug-86	14.84
Old Brahmaputra	SW225	Jamalpur	01-Sep-86	14.95
Old Brahmaputra	SW225	Jamalpur	02-Sep-86	15.03
Old Brahmaputra	SW225	Jamalpur	03-Sep-86	15.12
Old Brahmaputra	SW225	Jamalpur	04-Sep-86	15.08
Old Brahmaputra	SW225	Jamalpur	05-Sep-86	15.06
Old Brahmaputra	SW225	Jamalpur	06-Sep-86	15.02
Old Brahmaputra	SW225	Jamalpur	07-Sep-86	14.97
Old Brahmaputra	SW225	Jamalpur	08-Sep-86	14.85
Old Brahmaputra	SW225	Jamalpur	09-Sep-86	14.75
Old Brahmaputra	SW225	Jamalpur	10-Sep-86	14.73
Old Brahmaputra	SW225	Jamalpur	11-Sep-86	14.69
Old Brahmaputra	SW225	Jamalpur	12-Sep-86	14.66
Old Brahmaputra	SW225	Jamalpur	13-Sep-86	14.81
Old Brahmaputra	SW225	Jamalpur	14-Sep-86	14.99
Old Brahmaputra	SW225	Jamalpur	15-Sep-86	15.05
Old Brahmaputra	SW225	Jamalpur	16-Sep-86	15.12
Old Brahmaputra	SW225	Jamalpur	17-Sep-86	15.26
Old Brahmaputra	SW225	Jamalpur	18-Sep-86	15.41
Old Brahmaputra	SW225	Jamalpur	19-Sep-86	15.54

Old Brahmaputra	SW225	Jamalpur	20-Sep-86	15.67
Old Brahmaputra	SW225	Jamalpur	21-Sep-86	15.82
Old Brahmaputra	SW225	Jamalpur	22-Sep-86	15.91
Old Brahmaputra	SW225	Jamalpur	23-Sep-86	15.96
Old Brahmaputra	SW225	Jamalpur	24-Sep-86	15.75
Old Brahmaputra	SW225	Jamalpur	25-Sep-86	15.43
Old Brahmaputra	SW225	Jamalpur	26-Sep-86	15.26
Old Brahmaputra	SW225	Jamalpur	27-Sep-86	15.09
Old Brahmaputra	SW225	Jamalpur	28-Sep-86	15.12
Old Brahmaputra	SW225	Jamalpur	29-Sep-86	14.88
Old Brahmaputra	SW225	Jamalpur	30-Sep-86	14.53
Old Brahmaputra	SW225	Jamalpur	01-Oct-86	14.41
Old Brahmaputra	SW225	Jamalpur	02-Oct-86	14.27
Old Brahmaputra	SW225	Jamalpur	03-Oct-86	14.18
Old Brahmaputra	SW225	Jamalpur	04-Oct-86	13.99
Old Brahmaputra	SW225	Jamalpur	05-Oct-86	13.84
Old Brahmaputra	SW225	Jamalpur	06-Oct-86	13.94
Old Brahmaputra	SW225	Jamalpur	07-Oct-86	14.37
Old Brahmaputra	SW225	Jamalpur	08-Oct-86	14.99
Old Brahmaputra	SW225	Jamalpur	09-Oct-86	14.92
Old Brahmaputra	SW225	Jamalpur	10-Oct-86	14.95
Old Brahmaputra	SW225	Jamalpur	11-Oct-86	14.91
Old Brahmaputra	SW225	Jamalpur	12-Oct-86	14.73
Old Brahmaputra	SW225	Jamalpur	13-Oct-86	14.56
Old Brahmaputra	SW225	Jamalpur	14-Oct-86	14.43
Old Brahmaputra	SW225	Jamalpur	15-Oct-86	14.34
Old Brahmaputra	SW225	Jamalpur	16-Oct-86	14.38
Old Brahmaputra	SW225	Jamalpur	17-Oct-86	14.35
Old Brahmaputra	SW225	Jamalpur	18-Oct-86	14.3
Old Brahmaputra	SW225	Jamalpur	19-Oct-86	14.1
Old Brahmaputra	SW225	Jamalpur	20-Oct-86	13.91
Old Brahmaputra	SW225	Jamalpur	21-Oct-86	13.75
Old Brahmaputra	SW225	Jamalpur	22-Oct-86	13.63
Old Brahmaputra	SW225	Jamalpur	23-Oct-86	13.48
Old Brahmaputra	SW225	Jamalpur	24-Oct-86	13.34
Old Brahmaputra	SW225	Jamalpur	25-Oct-86	13.21
Old Brahmaputra	SW225	Jamalpur	26-Oct-86	13.11
Old Brahmaputra	SW225	Jamalpur	27-Oct-86	12.99
Old Brahmaputra	SW225	Jamalpur	28-Oct-86	12.88
Old Brahmaputra	SW225	Jamalpur	29-Oct-86	12.82
Old Brahmaputra	SW225	Jamalpur	30-Oct-86	12.69
Old Brahmaputra	SW225	Jamalpur	31-Oct-86	12.61
Old Brahmaputra	SW225	Jamalpur	01-Nov-86	12.55
Old Brahmaputra	SW225	Jamalpur	02-Nov-86	12.5
Old Brahmaputra	SW225	Jamalpur	03-Nov-86	12.45
Old Brahmaputra	SW225	Jamalpur	04-Nov-86	12.41
Old Brahmaputra	SW225	Jamalpur	05-Nov-86	12.34
Old Brahmaputra	SW225	Jamalpur	06-Nov-86	12.32
Old Brahmaputra	SW225	Jamalpur	07-Nov-86	12.3
Old Brahmaputra	SW225	Jamalpur	08-Nov-86	12.28

Old Brahmaputra	SW225	Jamalpur	09-Nov-86	12.31
Old Brahmaputra	SW225	Jamalpur	10-Nov-86	12.3
Old Brahmaputra	SW225	Jamalpur	11-Nov-86	12.28
Old Brahmaputra	SW225	Jamalpur	12-Nov-86	12.27
Old Brahmaputra	SW225	Jamalpur	13-Nov-86	12.25
Old Brahmaputra	SW225	Jamalpur	14-Nov-86	12.23
Old Brahmaputra	SW225	Jamalpur	15-Nov-86	12.21
Old Brahmaputra	SW225	Jamalpur	16-Nov-86	12.2
Old Brahmaputra	SW225	Jamalpur	17-Nov-86	12.18
Old Brahmaputra	SW225	Jamalpur	18-Nov-86	12.17
Old Brahmaputra	SW225	Jamalpur	19-Nov-86	12.16
Old Brahmaputra	SW225	Jamalpur	20-Nov-86	12.15
Old Brahmaputra	SW225	Jamalpur	21-Nov-86	12.15
Old Brahmaputra	SW225	Jamalpur	22-Nov-86	12.14
Old Brahmaputra	SW225	Jamalpur	23-Nov-86	12.13
Old Brahmaputra	SW225	Jamalpur	24-Nov-86	12.09
Old Brahmaputra	SW225	Jamalpur	25-Nov-86	12.05
Old Brahmaputra	SW225	Jamalpur	26-Nov-86	12.05
Old Brahmaputra	SW225	Jamalpur	27-Nov-86	12.04
Old Brahmaputra	SW225	Jamalpur	28-Nov-86	12.03
Old Brahmaputra	SW225	Jamalpur	29-Nov-86	12.02
Old Brahmaputra	SW225	Jamalpur	30-Nov-86	12.01
Old Brahmaputra	SW225	Jamalpur	01-Dec-86	12
Old Brahmaputra	SW225	Jamalpur	02-Dec-86	12
Old Brahmaputra	SW225	Jamalpur	03-Dec-86	11.99
Old Brahmaputra	SW225	Jamalpur	04-Dec-86	11.98
Old Brahmaputra	SW225	Jamalpur	05-Dec-86	11.98
Old Brahmaputra	SW225	Jamalpur	06-Dec-86	11.97
Old Brahmaputra	SW225	Jamalpur	07-Dec-86	11.96
Old Brahmaputra	SW225	Jamalpur	08-Dec-86	11.96
Old Brahmaputra	SW225	Jamalpur	09-Dec-86	11.95
Old Brahmaputra	SW225	Jamalpur	10-Dec-86	11.95
Old Brahmaputra	SW225	Jamalpur	11-Dec-86	11.94
Old Brahmaputra	SW225	Jamalpur	12-Dec-86	11.94
Old Brahmaputra	SW225	Jamalpur	13-Dec-86	11.93
Old Brahmaputra	SW225	Jamalpur	14-Dec-86	11.93
Old Brahmaputra	SW225	Jamalpur	15-Dec-86	11.93
Old Brahmaputra	SW225	Jamalpur	16-Dec-86	11.92
Old Brahmaputra	SW225	Jamalpur	17-Dec-86	11.92
Old Brahmaputra	SW225	Jamalpur	18-Dec-86	11.92
Old Brahmaputra	SW225	Jamalpur	19-Dec-86	11.92
Old Brahmaputra	SW225	Jamalpur	20-Dec-86	11.91
Old Brahmaputra	SW225	Jamalpur	21-Dec-86	11.9
Old Brahmaputra	SW225	Jamalpur	22-Dec-86	11.9
Old Brahmaputra	SW225	Jamalpur	23-Dec-86	11.89
Old Brahmaputra	SW225	Jamalpur	24-Dec-86	11.88
Old Brahmaputra	SW225	Jamalpur	25-Dec-86	11.87
Old Brahmaputra	SW225	Jamalpur	26-Dec-86	11.86
Old Brahmaputra	SW225	Jamalpur	27-Dec-86	11.85
Old Brahmaputra	SW225	Jamalpur	28-Dec-86	11.84

Old Brahmaputra	SW225	Jamalpur	29-Dec-86	11.83
Old Brahmaputra	SW225	Jamalpur	30-Dec-86	11.82
Old Brahmaputra	SW225	Jamalpur	31-Dec-86	11.81
Old Brahmaputra	SW225	Jamalpur	01-Jan-87	11.81
Old Brahmaputra	SW225	Jamalpur	02-Jan-87	11.8
Old Brahmaputra	SW225	Jamalpur	03-Jan-87	11.79
Old Brahmaputra	SW225	Jamalpur	04-Jan-87	11.79
Old Brahmaputra	SW225	Jamalpur	05-Jan-87	11.78
Old Brahmaputra	SW225	Jamalpur	06-Jan-87	11.78
Old Brahmaputra	SW225	Jamalpur	07-Jan-87	11.78
Old Brahmaputra	SW225	Jamalpur	08-Jan-87	11.78
Old Brahmaputra	SW225	Jamalpur	09-Jan-87	11.78
Old Brahmaputra	SW225	Jamalpur	10-Jan-87	11.77
Old Brahmaputra	SW225	Jamalpur	11-Jan-87	11.77
Old Brahmaputra	SW225	Jamalpur	12-Jan-87	11.77
Old Brahmaputra	SW225	Jamalpur	13-Jan-87	11.77
Old Brahmaputra	SW225	Jamalpur	14-Jan-87	11.76
Old Brahmaputra	SW225	Jamalpur	15-Jan-87	11.76
Old Brahmaputra	SW225	Jamalpur	16-Jan-87	11.76
Old Brahmaputra	SW225	Jamalpur	17-Jan-87	11.75
Old Brahmaputra	SW225	Jamalpur	18-Jan-87	11.75
Old Brahmaputra	SW225	Jamalpur	19-Jan-87	11.75
Old Brahmaputra	SW225	Jamalpur	20-Jan-87	11.74
Old Brahmaputra	SW225	Jamalpur	21-Jan-87	11.74
Old Brahmaputra	SW225	Jamalpur	22-Jan-87	11.74
Old Brahmaputra	SW225	Jamalpur	23-Jan-87	11.73
Old Brahmaputra	SW225	Jamalpur	24-Jan-87	11.73
Old Brahmaputra	SW225	Jamalpur	25-Jan-87	11.72
Old Brahmaputra	SW225	Jamalpur	26-Jan-87	11.72
Old Brahmaputra	SW225	Jamalpur	27-Jan-87	11.72
Old Brahmaputra	SW225	Jamalpur	28-Jan-87	11.72
Old Brahmaputra	SW225	Jamalpur	29-Jan-87	11.71
Old Brahmaputra	SW225	Jamalpur	30-Jan-87	11.71
Old Brahmaputra	SW225	Jamalpur	31-Jan-87	11.71
Old Brahmaputra	SW225	Jamalpur	01-Feb-87	11.7
Old Brahmaputra	SW225	Jamalpur	02-Feb-87	11.7
Old Brahmaputra	SW225	Jamalpur	03-Feb-87	11.7
Old Brahmaputra	SW225	Jamalpur	04-Feb-87	11.69
Old Brahmaputra	SW225	Jamalpur	05-Feb-87	11.69
Old Brahmaputra	SW225	Jamalpur	06-Feb-87	11.69
Old Brahmaputra	SW225	Jamalpur	07-Feb-87	11.68
Old Brahmaputra	SW225	Jamalpur	08-Feb-87	11.68
Old Brahmaputra	SW225	Jamalpur	09-Feb-87	11.68
Old Brahmaputra	SW225	Jamalpur	10-Feb-87	11.68
Old Brahmaputra	SW225	Jamalpur	11-Feb-87	11.68
Old Brahmaputra	SW225	Jamalpur	12-Feb-87	11.67
Old Brahmaputra	SW225	Jamalpur	13-Feb-87	11.67
Old Brahmaputra	SW225	Jamalpur	14-Feb-87	11.67
Old Brahmaputra	SW225	Jamalpur	15-Feb-87	11.66
Old Brahmaputra	SW225	Jamalpur	16-Feb-87	11.66

Old Brahmaputra	SW225	Jamalpur	17-Feb-87	11.65
Old Brahmaputra	SW225	Jamalpur	18-Feb-87	11.65
Old Brahmaputra	SW225	Jamalpur	19-Feb-87	11.65
Old Brahmaputra	SW225	Jamalpur	20-Feb-87	11.64
Old Brahmaputra	SW225	Jamalpur	21-Feb-87	11.64
Old Brahmaputra	SW225	Jamalpur	22-Feb-87	11.64
Old Brahmaputra	SW225	Jamalpur	23-Feb-87	11.63
Old Brahmaputra	SW225	Jamalpur	24-Feb-87	11.63
Old Brahmaputra	SW225	Jamalpur	25-Feb-87	11.63
Old Brahmaputra	SW225	Jamalpur	26-Feb-87	11.62
Old Brahmaputra	SW225	Jamalpur	27-Feb-87	11.62
Old Brahmaputra	SW225	Jamalpur	28-Feb-87	11.62
Old Brahmaputra	SW225	Jamalpur	01-Mar-87	11.61
Old Brahmaputra	SW225	Jamalpur	02-Mar-87	11.61
Old Brahmaputra	SW225	Jamalpur	03-Mar-87	11.61
Old Brahmaputra	SW225	Jamalpur	04-Mar-87	11.6
Old Brahmaputra	SW225	Jamalpur	05-Mar-87	11.6
Old Brahmaputra	SW225	Jamalpur	06-Mar-87	11.6
Old Brahmaputra	SW225	Jamalpur	07-Mar-87	11.6
Old Brahmaputra	SW225	Jamalpur	08-Mar-87	11.59
Old Brahmaputra	SW225	Jamalpur	09-Mar-87	11.59
Old Brahmaputra	SW225	Jamalpur	10-Mar-87	11.59
Old Brahmaputra	SW225	Jamalpur	11-Mar-87	11.6
Old Brahmaputra	SW225	Jamalpur	12-Mar-87	11.63
Old Brahmaputra	SW225	Jamalpur	13-Mar-87	11.69
Old Brahmaputra	SW225	Jamalpur	14-Mar-87	11.69
Old Brahmaputra	SW225	Jamalpur	15-Mar-87	11.71
Old Brahmaputra	SW225	Jamalpur	16-Mar-87	11.72
Old Brahmaputra	SW225	Jamalpur	17-Mar-87	11.71
Old Brahmaputra	SW225	Jamalpur	18-Mar-87	11.7
Old Brahmaputra	SW225	Jamalpur	19-Mar-87	11.68
Old Brahmaputra	SW225	Jamalpur	20-Mar-87	11.67
Old Brahmaputra	SW225	Jamalpur	21-Mar-87	11.66
Old Brahmaputra	SW225	Jamalpur	22-Mar-87	11.65
Old Brahmaputra	SW225	Jamalpur	23-Mar-87	11.65
Old Brahmaputra	SW225	Jamalpur	24-Mar-87	11.65
Old Brahmaputra	SW225	Jamalpur	25-Mar-87	11.65
Old Brahmaputra	SW225	Jamalpur	26-Mar-87	11.63
Old Brahmaputra	SW225	Jamalpur	27-Mar-87	11.63
Old Brahmaputra	SW225	Jamalpur	28-Mar-87	11.63
Old Brahmaputra	SW225	Jamalpur	29-Mar-87	11.62
Old Brahmaputra	SW225	Jamalpur	30-Mar-87	11.61
Old Brahmaputra	SW225	Jamalpur	31-Mar-87	11.6
Old Brahmaputra	SW225	Jamalpur	01-Apr-87	11.6
Old Brahmaputra	SW225	Jamalpur	02-Apr-87	11.6
Old Brahmaputra	SW225	Jamalpur	03-Apr-87	11.61
Old Brahmaputra	SW225	Jamalpur	04-Apr-87	11.62
Old Brahmaputra	SW225	Jamalpur	05-Apr-87	11.61
Old Brahmaputra	SW225	Jamalpur	06-Apr-87	11.61
Old Brahmaputra	SW225	Jamalpur	07-Apr-87	11.6

Old Brahmaputra	SW225	Jamalpur	08-Apr-87	11.6
Old Brahmaputra	SW225	Jamalpur	09-Apr-87	11.6
Old Brahmaputra	SW225	Jamalpur	10-Apr-87	11.64
Old Brahmaputra	SW225	Jamalpur	11-Apr-87	11.67
Old Brahmaputra	SW225	Jamalpur	12-Apr-87	11.66
Old Brahmaputra	SW225	Jamalpur	13-Apr-87	11.67
Old Brahmaputra	SW225	Jamalpur	14-Apr-87	11.7
Old Brahmaputra	SW225	Jamalpur	15-Apr-87	11.71
Old Brahmaputra	SW225	Jamalpur	16-Apr-87	11.7
Old Brahmaputra	SW225	Jamalpur	17-Apr-87	11.67
Old Brahmaputra	SW225	Jamalpur	18-Apr-87	11.64
Old Brahmaputra	SW225	Jamalpur	19-Apr-87	11.64
Old Brahmaputra	SW225	Jamalpur	20-Apr-87	11.65
Old Brahmaputra	SW225	Jamalpur	21-Apr-87	11.68
Old Brahmaputra	SW225	Jamalpur	22-Apr-87	11.67
Old Brahmaputra	SW225	Jamalpur	23-Apr-87	11.67
Old Brahmaputra	SW225	Jamalpur	24-Apr-87	11.68
Old Brahmaputra	SW225	Jamalpur	25-Apr-87	11.7
Old Brahmaputra	SW225	Jamalpur	26-Apr-87	11.78
Old Brahmaputra	SW225	Jamalpur	27-Apr-87	11.76
Old Brahmaputra	SW225	Jamalpur	28-Apr-87	11.78
Old Brahmaputra	SW225	Jamalpur	29-Apr-87	11.77
Old Brahmaputra	SW225	Jamalpur	30-Apr-87	11.75
Old Brahmaputra	SW225	Jamalpur	01-May-87	11.87
Old Brahmaputra	SW225	Jamalpur	02-May-87	11.86
Old Brahmaputra	SW225	Jamalpur	03-May-87	11.94
Old Brahmaputra	SW225	Jamalpur	04-May-87	11.96
Old Brahmaputra	SW225	Jamalpur	05-May-87	11.97
Old Brahmaputra	SW225	Jamalpur	06-May-87	12.02
Old Brahmaputra	SW225	Jamalpur	07-May-87	11.97
Old Brahmaputra	SW225	Jamalpur	08-May-87	11.9
Old Brahmaputra	SW225	Jamalpur	09-May-87	11.89
Old Brahmaputra	SW225	Jamalpur	10-May-87	11.89
Old Brahmaputra	SW225	Jamalpur	11-May-87	11.9
Old Brahmaputra	SW225	Jamalpur	12-May-87	11.91
Old Brahmaputra	SW225	Jamalpur	13-May-87	11.9
Old Brahmaputra	SW225	Jamalpur	14-May-87	11.87
Old Brahmaputra	SW225	Jamalpur	15-May-87	11.86
Old Brahmaputra	SW225	Jamalpur	16-May-87	11.85
Old Brahmaputra	SW225	Jamalpur	17-May-87	11.82
Old Brahmaputra	SW225	Jamalpur	18-May-87	11.79
Old Brahmaputra	SW225	Jamalpur	19-May-87	11.78
Old Brahmaputra	SW225	Jamalpur	20-May-87	11.76
Old Brahmaputra	SW225	Jamalpur	21-May-87	11.74
Old Brahmaputra	SW225	Jamalpur	22-May-87	11.8
Old Brahmaputra	SW225	Jamalpur	23-May-87	11.77
Old Brahmaputra	SW225	Jamalpur	24-May-87	11.79
Old Brahmaputra	SW225	Jamalpur	25-May-87	11.74
Old Brahmaputra	SW225	Jamalpur	26-May-87	11.95
Old Brahmaputra	SW225	Jamalpur	27-May-87	12.14

Old Brahmaputra	SW225	Jamalpur	28-May-87	12.2
Old Brahmaputra	SW225	Jamalpur	29-May-87	12.21
Old Brahmaputra	SW225	Jamalpur	30-May-87	12.19
Old Brahmaputra	SW225	Jamalpur	31-May-87	12.24
Old Brahmaputra	SW225	Jamalpur	01-Jun-87	12.57
Old Brahmaputra	SW225	Jamalpur	02-Jun-87	12.74
Old Brahmaputra	SW225	Jamalpur	03-Jun-87	12.77
Old Brahmaputra	SW225	Jamalpur	04-Jun-87	12.66
Old Brahmaputra	SW225	Jamalpur	05-Jun-87	12.54
Old Brahmaputra	SW225	Jamalpur	06-Jun-87	12.46
Old Brahmaputra	SW225	Jamalpur	07-Jun-87	12.39
Old Brahmaputra	SW225	Jamalpur	08-Jun-87	12.37
Old Brahmaputra	SW225	Jamalpur	09-Jun-87	12.58
Old Brahmaputra	SW225	Jamalpur	10-Jun-87	12.78
Old Brahmaputra	SW225	Jamalpur	11-Jun-87	12.9
Old Brahmaputra	SW225	Jamalpur	12-Jun-87	13.07
Old Brahmaputra	SW225	Jamalpur	13-Jun-87	13.32
Old Brahmaputra	SW225	Jamalpur	14-Jun-87	13.42
Old Brahmaputra	SW225	Jamalpur	15-Jun-87	13.45
Old Brahmaputra	SW225	Jamalpur	16-Jun-87	13.48
Old Brahmaputra	SW225	Jamalpur	17-Jun-87	13.57
Old Brahmaputra	SW225	Jamalpur	18-Jun-87	13.74
Old Brahmaputra	SW225	Jamalpur	19-Jun-87	13.92
Old Brahmaputra	SW225	Jamalpur	20-Jun-87	13.99
Old Brahmaputra	SW225	Jamalpur	21-Jun-87	14.01
Old Brahmaputra	SW225	Jamalpur	22-Jun-87	13.93
Old Brahmaputra	SW225	Jamalpur	23-Jun-87	13.93
Old Brahmaputra	SW225	Jamalpur	24-Jun-87	13.95
Old Brahmaputra	SW225	Jamalpur	25-Jun-87	14.04
Old Brahmaputra	SW225	Jamalpur	26-Jun-87	14.11
Old Brahmaputra	SW225	Jamalpur	27-Jun-87	14.35
Old Brahmaputra	SW225	Jamalpur	28-Jun-87	14.47
Old Brahmaputra	SW225	Jamalpur	29-Jun-87	14.65
Old Brahmaputra	SW225	Jamalpur	30-Jun-87	14.93
Old Brahmaputra	SW225	Jamalpur	01-Jul-87	15.09
Old Brahmaputra	SW225	Jamalpur	02-Jul-87	15.33
Old Brahmaputra	SW225	Jamalpur	03-Jul-87	15.71
Old Brahmaputra	SW225	Jamalpur	04-Jul-87	15.91
Old Brahmaputra	SW225	Jamalpur	05-Jul-87	16.01
Old Brahmaputra	SW225	Jamalpur	06-Jul-87	16
Old Brahmaputra	SW225	Jamalpur	07-Jul-87	15.97
Old Brahmaputra	SW225	Jamalpur	08-Jul-87	16.01
Old Brahmaputra	SW225	Jamalpur	09-Jul-87	16.07
Old Brahmaputra	SW225	Jamalpur	10-Jul-87	16
Old Brahmaputra	SW225	Jamalpur	11-Jul-87	16
Old Brahmaputra	SW225	Jamalpur	12-Jul-87	16
Old Brahmaputra	SW225	Jamalpur	13-Jul-87	15.98
Old Brahmaputra	SW225	Jamalpur	14-Jul-87	15.97
Old Brahmaputra	SW225	Jamalpur	15-Jul-87	15.97
Old Brahmaputra	SW225	Jamalpur	16-Jul-87	15.89

Old Brahmaputra	SW225	Jamalpur	17-Jul-87	15.81
Old Brahmaputra	SW225	Jamalpur	18-Jul-87	15.68
Old Brahmaputra	SW225	Jamalpur	19-Jul-87	15.54
Old Brahmaputra	SW225	Jamalpur	20-Jul-87	15.42
Old Brahmaputra	SW225	Jamalpur	21-Jul-87	15.31
Old Brahmaputra	SW225	Jamalpur	22-Jul-87	15.25
Old Brahmaputra	SW225	Jamalpur	23-Jul-87	15.25
Old Brahmaputra	SW225	Jamalpur	24-Jul-87	15.58
Old Brahmaputra	SW225	Jamalpur	25-Jul-87	16.03
Old Brahmaputra	SW225	Jamalpur	26-Jul-87	16.39
Old Brahmaputra	SW225	Jamalpur	27-Jul-87	16.46
Old Brahmaputra	SW225	Jamalpur	28-Jul-87	16.58
Old Brahmaputra	SW225	Jamalpur	29-Jul-87	16.76
Old Brahmaputra	SW225	Jamalpur	30-Jul-87	16.81
Old Brahmaputra	SW225	Jamalpur	31-Jul-87	16.87
Old Brahmaputra	SW225	Jamalpur	01-Aug-87	16.93
Old Brahmaputra	SW225	Jamalpur	02-Aug-87	16.8
Old Brahmaputra	SW225	Jamalpur	03-Aug-87	16.7
Old Brahmaputra	SW225	Jamalpur	04-Aug-87	16.62
Old Brahmaputra	SW225	Jamalpur	05-Aug-87	16.55
Old Brahmaputra	SW225	Jamalpur	06-Aug-87	16.52
Old Brahmaputra	SW225	Jamalpur	07-Aug-87	16.4
Old Brahmaputra	SW225	Jamalpur	08-Aug-87	16.24
Old Brahmaputra	SW225	Jamalpur	09-Aug-87	16.11
Old Brahmaputra	SW225	Jamalpur	10-Aug-87	15.99
Old Brahmaputra	SW225	Jamalpur	11-Aug-87	16.05
Old Brahmaputra	SW225	Jamalpur	12-Aug-87	16.4
Old Brahmaputra	SW225	Jamalpur	13-Aug-87	16.92
Old Brahmaputra	SW225	Jamalpur	14-Aug-87	17.11
Old Brahmaputra	SW225	Jamalpur	15-Aug-87	17.14
Old Brahmaputra	SW225	Jamalpur	16-Aug-87	17.2
Old Brahmaputra	SW225	Jamalpur	17-Aug-87	17.2
Old Brahmaputra	SW225	Jamalpur	18-Aug-87	17.17
Old Brahmaputra	SW225	Jamalpur	19-Aug-87	17.14
Old Brahmaputra	SW225	Jamalpur	20-Aug-87	17.06
Old Brahmaputra	SW225	Jamalpur	21-Aug-87	16.93
Old Brahmaputra	SW225	Jamalpur	22-Aug-87	16.7
Old Brahmaputra	SW225	Jamalpur	23-Aug-87	16.44
Old Brahmaputra	SW225	Jamalpur	24-Aug-87	16.15
Old Brahmaputra	SW225	Jamalpur	25-Aug-87	15.84
Old Brahmaputra	SW225	Jamalpur	26-Aug-87	15.56
Old Brahmaputra	SW225	Jamalpur	27-Aug-87	15.26
Old Brahmaputra	SW225	Jamalpur	28-Aug-87	15.08
Old Brahmaputra	SW225	Jamalpur	29-Aug-87	14.91
Old Brahmaputra	SW225	Jamalpur	30-Aug-87	14.87
Old Brahmaputra	SW225	Jamalpur	31-Aug-87	14.89
Old Brahmaputra	SW225	Jamalpur	01-Sep-87	14.9
Old Brahmaputra	SW225	Jamalpur	02-Sep-87	15.02
Old Brahmaputra	SW225	Jamalpur	03-Sep-87	15.15
Old Brahmaputra	SW225	Jamalpur	04-Sep-87	15.29

Old Brahmaputra	SW225	Jamalpur	05-Sep-87	15.39
Old Brahmaputra	SW225	Jamalpur	06-Sep-87	15.48
Old Brahmaputra	SW225	Jamalpur	07-Sep-87	15.57
Old Brahmaputra	SW225	Jamalpur	08-Sep-87	15.72
Old Brahmaputra	SW225	Jamalpur	09-Sep-87	15.85
Old Brahmaputra	SW225	Jamalpur	10-Sep-87	15.97
Old Brahmaputra	SW225	Jamalpur	11-Sep-87	16.06
Old Brahmaputra	SW225	Jamalpur	12-Sep-87	16.14
Old Brahmaputra	SW225	Jamalpur	13-Sep-87	16.14
Old Brahmaputra	SW225	Jamalpur	14-Sep-87	16.12
Old Brahmaputra	SW225	Jamalpur	15-Sep-87	15.97
Old Brahmaputra	SW225	Jamalpur	16-Sep-87	15.88
Old Brahmaputra	SW225	Jamalpur	17-Sep-87	15.73
Old Brahmaputra	SW225	Jamalpur	18-Sep-87	15.56
Old Brahmaputra	SW225	Jamalpur	19-Sep-87	15.44
Old Brahmaputra	SW225	Jamalpur	20-Sep-87	15.4
Old Brahmaputra	SW225	Jamalpur	21-Sep-87	15.51
Old Brahmaputra	SW225	Jamalpur	22-Sep-87	15.55
Old Brahmaputra	SW225	Jamalpur	23-Sep-87	15.53
Old Brahmaputra	SW225	Jamalpur	24-Sep-87	15.54
Old Brahmaputra	SW225	Jamalpur	25-Sep-87	15.57
Old Brahmaputra	SW225	Jamalpur	26-Sep-87	15.66
Old Brahmaputra	SW225	Jamalpur	27-Sep-87	15.53
Old Brahmaputra	SW225	Jamalpur	28-Sep-87	15.42
Old Brahmaputra	SW225	Jamalpur	29-Sep-87	15.43
Old Brahmaputra	SW225	Jamalpur	30-Sep-87	15.46
Old Brahmaputra	SW225	Jamalpur	01-Oct-87	15.52
Old Brahmaputra	SW225	Jamalpur	02-Oct-87	15.69
Old Brahmaputra	SW225	Jamalpur	03-Oct-87	15.8
Old Brahmaputra	SW225	Jamalpur	04-Oct-87	15.93
Old Brahmaputra	SW225	Jamalpur	05-Oct-87	16.06
Old Brahmaputra	SW225	Jamalpur	06-Oct-87	16.07
Old Brahmaputra	SW225	Jamalpur	07-Oct-87	15.95
Old Brahmaputra	SW225	Jamalpur	08-Oct-87	15.74
Old Brahmaputra	SW225	Jamalpur	09-Oct-87	15.43
Old Brahmaputra	SW225	Jamalpur	10-Oct-87	15.09
Old Brahmaputra	SW225	Jamalpur	11-Oct-87	14.73
Old Brahmaputra	SW225	Jamalpur	12-Oct-87	14.45
Old Brahmaputra	SW225	Jamalpur	13-Oct-87	14.24
Old Brahmaputra	SW225	Jamalpur	14-Oct-87	14.1
Old Brahmaputra	SW225	Jamalpur	15-Oct-87	13.97
Old Brahmaputra	SW225	Jamalpur	16-Oct-87	13.84
Old Brahmaputra	SW225	Jamalpur	17-Oct-87	13.72
Old Brahmaputra	SW225	Jamalpur	18-Oct-87	13.6
Old Brahmaputra	SW225	Jamalpur	19-Oct-87	13.5
Old Brahmaputra	SW225	Jamalpur	20-Oct-87	13.65
Old Brahmaputra	SW225	Jamalpur	21-Oct-87	13.83
Old Brahmaputra	SW225	Jamalpur	22-Oct-87	13.9
Old Brahmaputra	SW225	Jamalpur	23-Oct-87	13.82
Old Brahmaputra	SW225	Jamalpur	24-Oct-87	13.63

Old Brahmaputra	SW225	Jamalpur	25-Oct-87	13.53
Old Brahmaputra	SW225	Jamalpur	26-Oct-87	13.49
Old Brahmaputra	SW225	Jamalpur	27-Oct-87	13.42
Old Brahmaputra	SW225	Jamalpur	28-Oct-87	13.46
Old Brahmaputra	SW225	Jamalpur	29-Oct-87	13.29
Old Brahmaputra	SW225	Jamalpur	30-Oct-87	13.14
Old Brahmaputra	SW225	Jamalpur	31-Oct-87	12.99
Old Brahmaputra	SW225	Jamalpur	01-Nov-87	12.9
Old Brahmaputra	SW225	Jamalpur	02-Nov-87	12.81
Old Brahmaputra	SW225	Jamalpur	03-Nov-87	12.76
Old Brahmaputra	SW225	Jamalpur	04-Nov-87	12.71
Old Brahmaputra	SW225	Jamalpur	05-Nov-87	12.65
Old Brahmaputra	SW225	Jamalpur	06-Nov-87	12.62
Old Brahmaputra	SW225	Jamalpur	07-Nov-87	12.59
Old Brahmaputra	SW225	Jamalpur	08-Nov-87	12.57
Old Brahmaputra	SW225	Jamalpur	09-Nov-87	12.55
Old Brahmaputra	SW225	Jamalpur	10-Nov-87	12.52
Old Brahmaputra	SW225	Jamalpur	11-Nov-87	12.48
Old Brahmaputra	SW225	Jamalpur	12-Nov-87	12.45
Old Brahmaputra	SW225	Jamalpur	13-Nov-87	12.42
Old Brahmaputra	SW225	Jamalpur	14-Nov-87	12.4
Old Brahmaputra	SW225	Jamalpur	15-Nov-87	12.38
Old Brahmaputra	SW225	Jamalpur	16-Nov-87	12.38
Old Brahmaputra	SW225	Jamalpur	17-Nov-87	12.35
Old Brahmaputra	SW225	Jamalpur	18-Nov-87	12.3
Old Brahmaputra	SW225	Jamalpur	19-Nov-87	12.28
Old Brahmaputra	SW225	Jamalpur	20-Nov-87	12.26
Old Brahmaputra	SW225	Jamalpur	21-Nov-87	12.23
Old Brahmaputra	SW225	Jamalpur	22-Nov-87	12.21
Old Brahmaputra	SW225	Jamalpur	23-Nov-87	12.2
Old Brahmaputra	SW225	Jamalpur	24-Nov-87	12.19
Old Brahmaputra	SW225	Jamalpur	25-Nov-87	12.17
Old Brahmaputra	SW225	Jamalpur	26-Nov-87	12.15
Old Brahmaputra	SW225	Jamalpur	27-Nov-87	12.14
Old Brahmaputra	SW225	Jamalpur	28-Nov-87	12.13
Old Brahmaputra	SW225	Jamalpur	29-Nov-87	12.12
Old Brahmaputra	SW225	Jamalpur	30-Nov-87	12.11
Old Brahmaputra	SW225	Jamalpur	01-Dec-87	12.1
Old Brahmaputra	SW225	Jamalpur	02-Dec-87	12.08
Old Brahmaputra	SW225	Jamalpur	03-Dec-87	12.08
Old Brahmaputra	SW225	Jamalpur	04-Dec-87	12.07
Old Brahmaputra	SW225	Jamalpur	05-Dec-87	12.06
Old Brahmaputra	SW225	Jamalpur	06-Dec-87	12.05
Old Brahmaputra	SW225	Jamalpur	07-Dec-87	12.05
Old Brahmaputra	SW225	Jamalpur	08-Dec-87	12.04
Old Brahmaputra	SW225	Jamalpur	09-Dec-87	12.03
Old Brahmaputra	SW225	Jamalpur	10-Dec-87	12.03
Old Brahmaputra	SW225	Jamalpur	11-Dec-87	12.02
Old Brahmaputra	SW225	Jamalpur	12-Dec-87	12.02
Old Brahmaputra	SW225	Jamalpur	13-Dec-87	12.01

Old Brahmaputra	SW225	Jamalpur	14-Dec-87	12.01
Old Brahmaputra	SW225	Jamalpur	15-Dec-87	12
Old Brahmaputra	SW225	Jamalpur	16-Dec-87	12
Old Brahmaputra	SW225	Jamalpur	17-Dec-87	11.99
Old Brahmaputra	SW225	Jamalpur	18-Dec-87	11.99
Old Brahmaputra	SW225	Jamalpur	19-Dec-87	11.98
Old Brahmaputra	SW225	Jamalpur	20-Dec-87	11.98
Old Brahmaputra	SW225	Jamalpur	21-Dec-87	11.97
Old Brahmaputra	SW225	Jamalpur	22-Dec-87	11.97
Old Brahmaputra	SW225	Jamalpur	23-Dec-87	11.96
Old Brahmaputra	SW225	Jamalpur	24-Dec-87	11.96
Old Brahmaputra	SW225	Jamalpur	25-Dec-87	11.95
Old Brahmaputra	SW225	Jamalpur	26-Dec-87	11.95
Old Brahmaputra	SW225	Jamalpur	27-Dec-87	11.94
Old Brahmaputra	SW225	Jamalpur	28-Dec-87	11.94
Old Brahmaputra	SW225	Jamalpur	29-Dec-87	11.93
Old Brahmaputra	SW225	Jamalpur	30-Dec-87	11.93
Old Brahmaputra	SW225	Jamalpur	31-Dec-87	11.92
Old Brahmaputra	SW225	Jamalpur	01-Jan-88	11.92
Old Brahmaputra	SW225	Jamalpur	02-Jan-88	11.92
Old Brahmaputra	SW225	Jamalpur	03-Jan-88	11.91
Old Brahmaputra	SW225	Jamalpur	04-Jan-88	11.91
Old Brahmaputra	SW225	Jamalpur	05-Jan-88	11.9
Old Brahmaputra	SW225	Jamalpur	06-Jan-88	11.9
Old Brahmaputra	SW225	Jamalpur	07-Jan-88	11.89
Old Brahmaputra	SW225	Jamalpur	08-Jan-88	11.89
Old Brahmaputra	SW225	Jamalpur	09-Jan-88	11.88
Old Brahmaputra	SW225	Jamalpur	10-Jan-88	11.88
Old Brahmaputra	SW225	Jamalpur	11-Jan-88	11.87
Old Brahmaputra	SW225	Jamalpur	12-Jan-88	11.87
Old Brahmaputra	SW225	Jamalpur	13-Jan-88	11.87
Old Brahmaputra	SW225	Jamalpur	14-Jan-88	11.87
Old Brahmaputra	SW225	Jamalpur	15-Jan-88	11.86
Old Brahmaputra	SW225	Jamalpur	16-Jan-88	11.85
Old Brahmaputra	SW225	Jamalpur	17-Jan-88	11.85
Old Brahmaputra	SW225	Jamalpur	18-Jan-88	11.84
Old Brahmaputra	SW225	Jamalpur	19-Jan-88	11.84
Old Brahmaputra	SW225	Jamalpur	20-Jan-88	11.83
Old Brahmaputra	SW225	Jamalpur	21-Jan-88	11.83
Old Brahmaputra	SW225	Jamalpur	22-Jan-88	11.83
Old Brahmaputra	SW225	Jamalpur	23-Jan-88	11.83
Old Brahmaputra	SW225	Jamalpur	24-Jan-88	11.82
Old Brahmaputra	SW225	Jamalpur	25-Jan-88	11.82
Old Brahmaputra	SW225	Jamalpur	26-Jan-88	11.81
Old Brahmaputra	SW225	Jamalpur	27-Jan-88	11.81
Old Brahmaputra	SW225	Jamalpur	28-Jan-88	11.8
Old Brahmaputra	SW225	Jamalpur	29-Jan-88	11.8
Old Brahmaputra	SW225	Jamalpur	30-Jan-88	11.79
Old Brahmaputra	SW225	Jamalpur	31-Jan-88	11.79
Old Brahmaputra	SW225	Jamalpur	01-Feb-88	11.79

Old Brahmaputra	SW225	Jamalpur	02-Feb-88	11.78
Old Brahmaputra	SW225	Jamalpur	03-Feb-88	11.78
Old Brahmaputra	SW225	Jamalpur	04-Feb-88	11.78
Old Brahmaputra	SW225	Jamalpur	05-Feb-88	11.77
Old Brahmaputra	SW225	Jamalpur	06-Feb-88	11.77
Old Brahmaputra	SW225	Jamalpur	07-Feb-88	11.76
Old Brahmaputra	SW225	Jamalpur	08-Feb-88	11.75
Old Brahmaputra	SW225	Jamalpur	09-Feb-88	11.75
Old Brahmaputra	SW225	Jamalpur	10-Feb-88	11.75
Old Brahmaputra	SW225	Jamalpur	11-Feb-88	11.74
Old Brahmaputra	SW225	Jamalpur	12-Feb-88	11.73
Old Brahmaputra	SW225	Jamalpur	13-Feb-88	11.73
Old Brahmaputra	SW225	Jamalpur	14-Feb-88	11.72
Old Brahmaputra	SW225	Jamalpur	15-Feb-88	11.72
Old Brahmaputra	SW225	Jamalpur	16-Feb-88	11.72
Old Brahmaputra	SW225	Jamalpur	17-Feb-88	11.71
Old Brahmaputra	SW225	Jamalpur	18-Feb-88	11.71
Old Brahmaputra	SW225	Jamalpur	19-Feb-88	11.7
Old Brahmaputra	SW225	Jamalpur	20-Feb-88	11.7
Old Brahmaputra	SW225	Jamalpur	21-Feb-88	11.69
Old Brahmaputra	SW225	Jamalpur	22-Feb-88	11.69
Old Brahmaputra	SW225	Jamalpur	23-Feb-88	11.7
Old Brahmaputra	SW225	Jamalpur	24-Feb-88	11.71
Old Brahmaputra	SW225	Jamalpur	25-Feb-88	11.72
Old Brahmaputra	SW225	Jamalpur	26-Feb-88	11.73
Old Brahmaputra	SW225	Jamalpur	27-Feb-88	11.77
Old Brahmaputra	SW225	Jamalpur	28-Feb-88	11.8
Old Brahmaputra	SW225	Jamalpur	29-Feb-88	11.8
Old Brahmaputra	SW225	Jamalpur	01-Mar-88	11.78
Old Brahmaputra	SW225	Jamalpur	02-Mar-88	11.76
Old Brahmaputra	SW225	Jamalpur	03-Mar-88	11.74
Old Brahmaputra	SW225	Jamalpur	04-Mar-88	11.73
Old Brahmaputra	SW225	Jamalpur	05-Mar-88	11.72
Old Brahmaputra	SW225	Jamalpur	06-Mar-88	11.72
Old Brahmaputra	SW225	Jamalpur	07-Mar-88	11.71
Old Brahmaputra	SW225	Jamalpur	08-Mar-88	11.71
Old Brahmaputra	SW225	Jamalpur	09-Mar-88	11.69
Old Brahmaputra	SW225	Jamalpur	10-Mar-88	11.69
Old Brahmaputra	SW225	Jamalpur	11-Mar-88	11.68
Old Brahmaputra	SW225	Jamalpur	12-Mar-88	11.68
Old Brahmaputra	SW225	Jamalpur	13-Mar-88	11.68
Old Brahmaputra	SW225	Jamalpur	14-Mar-88	11.69
Old Brahmaputra	SW225	Jamalpur	15-Mar-88	11.69
Old Brahmaputra	SW225	Jamalpur	16-Mar-88	11.68
Old Brahmaputra	SW225	Jamalpur	17-Mar-88	11.68
Old Brahmaputra	SW225	Jamalpur	18-Mar-88	11.77
Old Brahmaputra	SW225	Jamalpur	19-Mar-88	11.76
Old Brahmaputra	SW225	Jamalpur	20-Mar-88	11.77
Old Brahmaputra	SW225	Jamalpur	21-Mar-88	11.76
Old Brahmaputra	SW225	Jamalpur	22-Mar-88	11.76

Old Brahmaputra	SW225	Jamalpur	23-Mar-88	11.77
Old Brahmaputra	SW225	Jamalpur	24-Mar-88	11.78
Old Brahmaputra	SW225	Jamalpur	25-Mar-88	11.78
Old Brahmaputra	SW225	Jamalpur	26-Mar-88	11.77
Old Brahmaputra	SW225	Jamalpur	27-Mar-88	11.77
Old Brahmaputra	SW225	Jamalpur	28-Mar-88	11.76
Old Brahmaputra	SW225	Jamalpur	29-Mar-88	11.76
Old Brahmaputra	SW225	Jamalpur	30-Mar-88	11.77
Old Brahmaputra	SW225	Jamalpur	31-Mar-88	11.78
Old Brahmaputra	SW225	Jamalpur	01-Apr-88	11.67
Old Brahmaputra	SW225	Jamalpur	02-Apr-88	11.66
Old Brahmaputra	SW225	Jamalpur	03-Apr-88	11.64
Old Brahmaputra	SW225	Jamalpur	04-Apr-88	11.64
Old Brahmaputra	SW225	Jamalpur	05-Apr-88	11.63
Old Brahmaputra	SW225	Jamalpur	06-Apr-88	11.63
Old Brahmaputra	SW225	Jamalpur	07-Apr-88	11.62
Old Brahmaputra	SW225	Jamalpur	08-Apr-88	11.62
Old Brahmaputra	SW225	Jamalpur	09-Apr-88	11.61
Old Brahmaputra	SW225	Jamalpur	10-Apr-88	11.61
Old Brahmaputra	SW225	Jamalpur	11-Apr-88	11.6
Old Brahmaputra	SW225	Jamalpur	12-Apr-88	11.6
Old Brahmaputra	SW225	Jamalpur	13-Apr-88	11.59
Old Brahmaputra	SW225	Jamalpur	14-Apr-88	11.58
Old Brahmaputra	SW225	Jamalpur	15-Apr-88	11.58
Old Brahmaputra	SW225	Jamalpur	16-Apr-88	11.58
Old Brahmaputra	SW225	Jamalpur	17-Apr-88	11.6
Old Brahmaputra	SW225	Jamalpur	18-Apr-88	11.65
Old Brahmaputra	SW225	Jamalpur	19-Apr-88	11.74
Old Brahmaputra	SW225	Jamalpur	20-Apr-88	11.82
Old Brahmaputra	SW225	Jamalpur	21-Apr-88	11.86
Old Brahmaputra	SW225	Jamalpur	22-Apr-88	11.94
Old Brahmaputra	SW225	Jamalpur	23-Apr-88	12.03
Old Brahmaputra	SW225	Jamalpur	24-Apr-88	12.05
Old Brahmaputra	SW225	Jamalpur	25-Apr-88	12.04
Old Brahmaputra	SW225	Jamalpur	26-Apr-88	12.04
Old Brahmaputra	SW225	Jamalpur	27-Apr-88	12.02
Old Brahmaputra	SW225	Jamalpur	28-Apr-88	12.01
Old Brahmaputra	SW225	Jamalpur	29-Apr-88	12.05
Old Brahmaputra	SW225	Jamalpur	30-Apr-88	12.13
Old Brahmaputra	SW225	Jamalpur	01-May-88	12.17
Old Brahmaputra	SW225	Jamalpur	02-May-88	12.14
Old Brahmaputra	SW225	Jamalpur	03-May-88	12.08
Old Brahmaputra	SW225	Jamalpur	04-May-88	12.07
Old Brahmaputra	SW225	Jamalpur	05-May-88	12.03
Old Brahmaputra	SW225	Jamalpur	06-May-88	12.04
Old Brahmaputra	SW225	Jamalpur	07-May-88	12.03
Old Brahmaputra	SW225	Jamalpur	08-May-88	12.02
Old Brahmaputra	SW225	Jamalpur	09-May-88	12.01
Old Brahmaputra	SW225	Jamalpur	10-May-88	12.09
Old Brahmaputra	SW225	Jamalpur	11-May-88	12.15

Old Brahmaputra	SW225	Jamalpur	12-May-88	12.16
Old Brahmaputra	SW225	Jamalpur	13-May-88	12.21
Old Brahmaputra	SW225	Jamalpur	14-May-88	12.28
Old Brahmaputra	SW225	Jamalpur	15-May-88	12.33
Old Brahmaputra	SW225	Jamalpur	16-May-88	12.62
Old Brahmaputra	SW225	Jamalpur	17-May-88	13.13
Old Brahmaputra	SW225	Jamalpur	18-May-88	13.34
Old Brahmaputra	SW225	Jamalpur	19-May-88	13.16
Old Brahmaputra	SW225	Jamalpur	20-May-88	12.91
Old Brahmaputra	SW225	Jamalpur	21-May-88	12.73
Old Brahmaputra	SW225	Jamalpur	22-May-88	12.72
Old Brahmaputra	SW225	Jamalpur	23-May-88	12.66
Old Brahmaputra	SW225	Jamalpur	24-May-88	12.67
Old Brahmaputra	SW225	Jamalpur	25-May-88	12.72
Old Brahmaputra	SW225	Jamalpur	26-May-88	12.88
Old Brahmaputra	SW225	Jamalpur	27-May-88	13.15
Old Brahmaputra	SW225	Jamalpur	28-May-88	13.47
Old Brahmaputra	SW225	Jamalpur	30-May-88	14.3
Old Brahmaputra	SW225	Jamalpur	31-May-88	14.53
Old Brahmaputra	SW225	Jamalpur	01-Jun-88	14.75
Old Brahmaputra	SW225	Jamalpur	02-Jun-88	14.82
Old Brahmaputra	SW225	Jamalpur	03-Jun-88	14.72
Old Brahmaputra	SW225	Jamalpur	04-Jun-88	14.45
Old Brahmaputra	SW225	Jamalpur	05-Jun-88	14.14
Old Brahmaputra	SW225	Jamalpur	06-Jun-88	13.9
Old Brahmaputra	SW225	Jamalpur	07-Jun-88	13.71
Old Brahmaputra	SW225	Jamalpur	08-Jun-88	13.59
Old Brahmaputra	SW225	Jamalpur	09-Jun-88	13.47
Old Brahmaputra	SW225	Jamalpur	10-Jun-88	13.34
Old Brahmaputra	SW225	Jamalpur	11-Jun-88	13.22
Old Brahmaputra	SW225	Jamalpur	12-Jun-88	13.13
Old Brahmaputra	SW225	Jamalpur	13-Jun-88	13.12
Old Brahmaputra	SW225	Jamalpur	14-Jun-88	13.4
Old Brahmaputra	SW225	Jamalpur	15-Jun-88	13.55
Old Brahmaputra	SW225	Jamalpur	16-Jun-88	13.65
Old Brahmaputra	SW225	Jamalpur	17-Jun-88	13.73
Old Brahmaputra	SW225	Jamalpur	18-Jun-88	13.8
Old Brahmaputra	SW225	Jamalpur	19-Jun-88	14.18
Old Brahmaputra	SW225	Jamalpur	20-Jun-88	14.4
Old Brahmaputra	SW225	Jamalpur	21-Jun-88	14.45
Old Brahmaputra	SW225	Jamalpur	22-Jun-88	14.46
Old Brahmaputra	SW225	Jamalpur	23-Jun-88	14.51
Old Brahmaputra	SW225	Jamalpur	24-Jun-88	15.29
Old Brahmaputra	SW225	Jamalpur	25-Jun-88	15.36
Old Brahmaputra	SW225	Jamalpur	26-Jun-88	15.24
Old Brahmaputra	SW225	Jamalpur	27-Jun-88	15.06
Old Brahmaputra	SW225	Jamalpur	28-Jun-88	14.85
Old Brahmaputra	SW225	Jamalpur	29-Jun-88	14.63
Old Brahmaputra	SW225	Jamalpur	30-Jun-88	14.38
Old Brahmaputra	SW225	Jamalpur	01-Jul-88	14.17

Old Brahmaputra	SW225	Jamalpur	02-Jul-88	14.04
Old Brahmaputra	SW225	Jamalpur	03-Jul-88	13.99
Old Brahmaputra	SW225	Jamalpur	04-Jul-88	14.16
Old Brahmaputra	SW225	Jamalpur	05-Jul-88	14.42
Old Brahmaputra	SW225	Jamalpur	06-Jul-88	14.83
Old Brahmaputra	SW225	Jamalpur	07-Jul-88	15.21
Old Brahmaputra	SW225	Jamalpur	08-Jul-88	15.66
Old Brahmaputra	SW225	Jamalpur	09-Jul-88	16.23
Old Brahmaputra	SW225	Jamalpur	10-Jul-88	16.69
Old Brahmaputra	SW225	Jamalpur	11-Jul-88	16.93
Old Brahmaputra	SW225	Jamalpur	12-Jul-88	16.96
Old Brahmaputra	SW225	Jamalpur	13-Jul-88	16.91
Old Brahmaputra	SW225	Jamalpur	14-Jul-88	16.81
Old Brahmaputra	SW225	Jamalpur	15-Jul-88	16.69
Old Brahmaputra	SW225	Jamalpur	16-Jul-88	16.48
Old Brahmaputra	SW225	Jamalpur	17-Jul-88	16.22
Old Brahmaputra	SW225	Jamalpur	18-Jul-88	15.93
Old Brahmaputra	SW225	Jamalpur	19-Jul-88	15.64
Old Brahmaputra	SW225	Jamalpur	20-Jul-88	15.38
Old Brahmaputra	SW225	Jamalpur	21-Jul-88	15.19
Old Brahmaputra	SW225	Jamalpur	22-Jul-88	14.95
Old Brahmaputra	SW225	Jamalpur	23-Jul-88	14.99
Old Brahmaputra	SW225	Jamalpur	24-Jul-88	15.16
Old Brahmaputra	SW225	Jamalpur	25-Jul-88	15.46
Old Brahmaputra	SW225	Jamalpur	26-Jul-88	15.65
Old Brahmaputra	SW225	Jamalpur	27-Jul-88	15.74
Old Brahmaputra	SW225	Jamalpur	28-Jul-88	15.79
Old Brahmaputra	SW225	Jamalpur	29-Jul-88	15.92
Old Brahmaputra	SW225	Jamalpur	30-Jul-88	16.04
Old Brahmaputra	SW225	Jamalpur	31-Jul-88	16.13
Old Brahmaputra	SW225	Jamalpur	01-Aug-88	16.15
Old Brahmaputra	SW225	Jamalpur	02-Aug-88	16.1
Old Brahmaputra	SW225	Jamalpur	03-Aug-88	15.98
Old Brahmaputra	SW225	Jamalpur	04-Aug-88	15.82
Old Brahmaputra	SW225	Jamalpur	05-Aug-88	15.57
Old Brahmaputra	SW225	Jamalpur	06-Aug-88	15.34
Old Brahmaputra	SW225	Jamalpur	07-Aug-88	14.97
Old Brahmaputra	SW225	Jamalpur	08-Aug-88	14.84
Old Brahmaputra	SW225	Jamalpur	09-Aug-88	14.87
Old Brahmaputra	SW225	Jamalpur	10-Aug-88	14.84
Old Brahmaputra	SW225	Jamalpur	11-Aug-88	14.73
Old Brahmaputra	SW225	Jamalpur	12-Aug-88	14.91
Old Brahmaputra	SW225	Jamalpur	13-Aug-88	15.22
Old Brahmaputra	SW225	Jamalpur	14-Aug-88	15.42
Old Brahmaputra	SW225	Jamalpur	15-Aug-88	15.58
Old Brahmaputra	SW225	Jamalpur	16-Aug-88	15.59
Old Brahmaputra	SW225	Jamalpur	17-Aug-88	15.68
Old Brahmaputra	SW225	Jamalpur	18-Aug-88	15.79
Old Brahmaputra	SW225	Jamalpur	19-Aug-88	15.87
Old Brahmaputra	SW225	Jamalpur	20-Aug-88	15.89

Old Brahmaputra	SW225	Jamalpur	21-Aug-88	15.92
Old Brahmaputra	SW225	Jamalpur	22-Aug-88	15.95
Old Brahmaputra	SW225	Jamalpur	23-Aug-88	16.05
Old Brahmaputra	SW225	Jamalpur	24-Aug-88	16.26
Old Brahmaputra	SW225	Jamalpur	25-Aug-88	16.59
Old Brahmaputra	SW225	Jamalpur	26-Aug-88	16.99
Old Brahmaputra	SW225	Jamalpur	27-Aug-88	17.39
Old Brahmaputra	SW225	Jamalpur	28-Aug-88	17.54
Old Brahmaputra	SW225	Jamalpur	29-Aug-88	17.7
Old Brahmaputra	SW225	Jamalpur	30-Aug-88	17.81
Old Brahmaputra	SW225	Jamalpur	31-Aug-88	17.81
Old Brahmaputra	SW225	Jamalpur	01-Sep-88	17.7
Old Brahmaputra	SW225	Jamalpur	02-Sep-88	17.55
Old Brahmaputra	SW225	Jamalpur	03-Sep-88	17.39
Old Brahmaputra	SW225	Jamalpur	04-Sep-88	17.16
Old Brahmaputra	SW225	Jamalpur	05-Sep-88	16.94
Old Brahmaputra	SW225	Jamalpur	06-Sep-88	16.77
Old Brahmaputra	SW225	Jamalpur	07-Sep-88	16.72
Old Brahmaputra	SW225	Jamalpur	08-Sep-88	16.7
Old Brahmaputra	SW225	Jamalpur	09-Sep-88	16.7
Old Brahmaputra	SW225	Jamalpur	10-Sep-88	16.64
Old Brahmaputra	SW225	Jamalpur	11-Sep-88	16.58
Old Brahmaputra	SW225	Jamalpur	12-Sep-88	16.49
Old Brahmaputra	SW225	Jamalpur	13-Sep-88	16.39
Old Brahmaputra	SW225	Jamalpur	14-Sep-88	16.27
Old Brahmaputra	SW225	Jamalpur	15-Sep-88	16.15
Old Brahmaputra	SW225	Jamalpur	16-Sep-88	15.98
Old Brahmaputra	SW225	Jamalpur	17-Sep-88	15.79
Old Brahmaputra	SW225	Jamalpur	18-Sep-88	15.54
Old Brahmaputra	SW225	Jamalpur	19-Sep-88	15.23
Old Brahmaputra	SW225	Jamalpur	20-Sep-88	14.89
Old Brahmaputra	SW225	Jamalpur	21-Sep-88	14.59
Old Brahmaputra	SW225	Jamalpur	22-Sep-88	14.35
Old Brahmaputra	SW225	Jamalpur	23-Sep-88	14.17
Old Brahmaputra	SW225	Jamalpur	24-Sep-88	14.02
Old Brahmaputra	SW225	Jamalpur	25-Sep-88	13.88
Old Brahmaputra	SW225	Jamalpur	26-Sep-88	13.76
Old Brahmaputra	SW225	Jamalpur	27-Sep-88	13.67
Old Brahmaputra	SW225	Jamalpur	28-Sep-88	13.76
Old Brahmaputra	SW225	Jamalpur	29-Sep-88	14.23
Old Brahmaputra	SW225	Jamalpur	30-Sep-88	14.53
Old Brahmaputra	SW225	Jamalpur	01-Oct-88	14.5
Old Brahmaputra	SW225	Jamalpur	02-Oct-88	14.43
Old Brahmaputra	SW225	Jamalpur	03-Oct-88	14.56
Old Brahmaputra	SW225	Jamalpur	04-Oct-88	14.79
Old Brahmaputra	SW225	Jamalpur	05-Oct-88	14.81
Old Brahmaputra	SW225	Jamalpur	06-Oct-88	14.73
Old Brahmaputra	SW225	Jamalpur	07-Oct-88	14.54
Old Brahmaputra	SW225	Jamalpur	08-Oct-88	14.39
Old Brahmaputra	SW225	Jamalpur	09-Oct-88	14.35

Old Brahmaputra	SW225	Jamalpur	10-Oct-88	14.53
Old Brahmaputra	SW225	Jamalpur	11-Oct-88	14.85
Old Brahmaputra	SW225	Jamalpur	12-Oct-88	14.99
Old Brahmaputra	SW225	Jamalpur	13-Oct-88	14.91
Old Brahmaputra	SW225	Jamalpur	14-Oct-88	14.64
Old Brahmaputra	SW225	Jamalpur	15-Oct-88	14.31
Old Brahmaputra	SW225	Jamalpur	16-Oct-88	13.98
Old Brahmaputra	SW225	Jamalpur	17-Oct-88	13.75
Old Brahmaputra	SW225	Jamalpur	18-Oct-88	13.58
Old Brahmaputra	SW225	Jamalpur	19-Oct-88	13.49
Old Brahmaputra	SW225	Jamalpur	20-Oct-88	13.45
Old Brahmaputra	SW225	Jamalpur	21-Oct-88	13.4
Old Brahmaputra	SW225	Jamalpur	22-Oct-88	13.36
Old Brahmaputra	SW225	Jamalpur	23-Oct-88	13.31
Old Brahmaputra	SW225	Jamalpur	24-Oct-88	13.3
Old Brahmaputra	SW225	Jamalpur	25-Oct-88	13.43
Old Brahmaputra	SW225	Jamalpur	26-Oct-88	13.58
Old Brahmaputra	SW225	Jamalpur	27-Oct-88	13.58
Old Brahmaputra	SW225	Jamalpur	28-Oct-88	13.44
Old Brahmaputra	SW225	Jamalpur	29-Oct-88	13.26
Old Brahmaputra	SW225	Jamalpur	30-Oct-88	13.11
Old Brahmaputra	SW225	Jamalpur	31-Oct-88	12.98
Old Brahmaputra	SW225	Jamalpur	01-Nov-88	12.86
Old Brahmaputra	SW225	Jamalpur	02-Nov-88	12.77
Old Brahmaputra	SW225	Jamalpur	03-Nov-88	12.69
Old Brahmaputra	SW225	Jamalpur	04-Nov-88	12.62
Old Brahmaputra	SW225	Jamalpur	05-Nov-88	12.57
Old Brahmaputra	SW225	Jamalpur	06-Nov-88	12.52
Old Brahmaputra	SW225	Jamalpur	07-Nov-88	12.48
Old Brahmaputra	SW225	Jamalpur	08-Nov-88	12.44
Old Brahmaputra	SW225	Jamalpur	09-Nov-88	12.4
Old Brahmaputra	SW225	Jamalpur	10-Nov-88	12.37
Old Brahmaputra	SW225	Jamalpur	11-Nov-88	12.34
Old Brahmaputra	SW225	Jamalpur	12-Nov-88	12.31
Old Brahmaputra	SW225	Jamalpur	13-Nov-88	12.29
Old Brahmaputra	SW225	Jamalpur	14-Nov-88	12.27
Old Brahmaputra	SW225	Jamalpur	15-Nov-88	12.24
Old Brahmaputra	SW225	Jamalpur	16-Nov-88	12.23
Old Brahmaputra	SW225	Jamalpur	17-Nov-88	12.21
Old Brahmaputra	SW225	Jamalpur	18-Nov-88	12.19
Old Brahmaputra	SW225	Jamalpur	19-Nov-88	12.16
Old Brahmaputra	SW225	Jamalpur	20-Nov-88	12.15
Old Brahmaputra	SW225	Jamalpur	21-Nov-88	12.14
Old Brahmaputra	SW225	Jamalpur	22-Nov-88	12.12
Old Brahmaputra	SW225	Jamalpur	23-Nov-88	12.11
Old Brahmaputra	SW225	Jamalpur	24-Nov-88	12.09
Old Brahmaputra	SW225	Jamalpur	25-Nov-88	12.08
Old Brahmaputra	SW225	Jamalpur	26-Nov-88	12.07
Old Brahmaputra	SW225	Jamalpur	27-Nov-88	12.06
Old Brahmaputra	SW225	Jamalpur	28-Nov-88	12.06

Old Brahmaputra	SW225	Jamalpur	29-Nov-88	12.1
Old Brahmaputra	SW225	Jamalpur	30-Nov-88	12.15
Old Brahmaputra	SW225	Jamalpur	01-Dec-88	12.19
Old Brahmaputra	SW225	Jamalpur	02-Dec-88	12.23
Old Brahmaputra	SW225	Jamalpur	03-Dec-88	12.21
Old Brahmaputra	SW225	Jamalpur	04-Dec-88	12.18
Old Brahmaputra	SW225	Jamalpur	05-Dec-88	12.16
Old Brahmaputra	SW225	Jamalpur	06-Dec-88	12.13
Old Brahmaputra	SW225	Jamalpur	07-Dec-88	12.1
Old Brahmaputra	SW225	Jamalpur	08-Dec-88	12.08
Old Brahmaputra	SW225	Jamalpur	09-Dec-88	12.07
Old Brahmaputra	SW225	Jamalpur	10-Dec-88	12.05
Old Brahmaputra	SW225	Jamalpur	11-Dec-88	12.04
Old Brahmaputra	SW225	Jamalpur	12-Dec-88	12.03
Old Brahmaputra	SW225	Jamalpur	13-Dec-88	12.02
Old Brahmaputra	SW225	Jamalpur	14-Dec-88	12.01
Old Brahmaputra	SW225	Jamalpur	15-Dec-88	12.01
Old Brahmaputra	SW225	Jamalpur	16-Dec-88	12.01
Old Brahmaputra	SW225	Jamalpur	17-Dec-88	12.01
Old Brahmaputra	SW225	Jamalpur	18-Dec-88	12
Old Brahmaputra	SW225	Jamalpur	19-Dec-88	11.99
Old Brahmaputra	SW225	Jamalpur	20-Dec-88	11.98
Old Brahmaputra	SW225	Jamalpur	21-Dec-88	11.97
Old Brahmaputra	SW225	Jamalpur	22-Dec-88	11.97
Old Brahmaputra	SW225	Jamalpur	23-Dec-88	11.96
Old Brahmaputra	SW225	Jamalpur	24-Dec-88	11.95
Old Brahmaputra	SW225	Jamalpur	25-Dec-88	11.94
Old Brahmaputra	SW225	Jamalpur	26-Dec-88	11.94
Old Brahmaputra	SW225	Jamalpur	27-Dec-88	11.93
Old Brahmaputra	SW225	Jamalpur	28-Dec-88	11.93
Old Brahmaputra	SW225	Jamalpur	29-Dec-88	11.92
Old Brahmaputra	SW225	Jamalpur	30-Dec-88	11.91
Old Brahmaputra	SW225	Jamalpur	31-Dec-88	11.91
Old Brahmaputra	SW225	Jamalpur	01-Jan-89	11.9
Old Brahmaputra	SW225	Jamalpur	02-Jan-89	11.9
Old Brahmaputra	SW225	Jamalpur	03-Jan-89	11.89
Old Brahmaputra	SW225	Jamalpur	04-Jan-89	11.89
Old Brahmaputra	SW225	Jamalpur	05-Jan-89	11.88
Old Brahmaputra	SW225	Jamalpur	06-Jan-89	11.88
Old Brahmaputra	SW225	Jamalpur	07-Jan-89	11.88
Old Brahmaputra	SW225	Jamalpur	08-Jan-89	11.88
Old Brahmaputra	SW225	Jamalpur	09-Jan-89	11.87
Old Brahmaputra	SW225	Jamalpur	10-Jan-89	11.87
Old Brahmaputra	SW225	Jamalpur	11-Jan-89	11.86
Old Brahmaputra	SW225	Jamalpur	12-Jan-89	11.86
Old Brahmaputra	SW225	Jamalpur	13-Jan-89	11.86
Old Brahmaputra	SW225	Jamalpur	14-Jan-89	11.86
Old Brahmaputra	SW225	Jamalpur	15-Jan-89	11.85
Old Brahmaputra	SW225	Jamalpur	16-Jan-89	11.84
Old Brahmaputra	SW225	Jamalpur	17-Jan-89	11.84

Old Brahmaputra	SW225	Jamalpur	18-Jan-89	11.83
Old Brahmaputra	SW225	Jamalpur	19-Jan-89	11.83
Old Brahmaputra	SW225	Jamalpur	20-Jan-89	11.82
Old Brahmaputra	SW225	Jamalpur	21-Jan-89	11.82
Old Brahmaputra	SW225	Jamalpur	22-Jan-89	11.81
Old Brahmaputra	SW225	Jamalpur	23-Jan-89	11.8
Old Brahmaputra	SW225	Jamalpur	24-Jan-89	11.8
Old Brahmaputra	SW225	Jamalpur	25-Jan-89	11.79
Old Brahmaputra	SW225	Jamalpur	26-Jan-89	11.79
Old Brahmaputra	SW225	Jamalpur	27-Jan-89	11.78
Old Brahmaputra	SW225	Jamalpur	28-Jan-89	11.78
Old Brahmaputra	SW225	Jamalpur	29-Jan-89	11.77
Old Brahmaputra	SW225	Jamalpur	30-Jan-89	11.76
Old Brahmaputra	SW225	Jamalpur	31-Jan-89	11.76
Old Brahmaputra	SW225	Jamalpur	01-Feb-89	11.75
Old Brahmaputra	SW225	Jamalpur	02-Feb-89	11.75
Old Brahmaputra	SW225	Jamalpur	03-Feb-89	11.74
Old Brahmaputra	SW225	Jamalpur	04-Feb-89	11.74
Old Brahmaputra	SW225	Jamalpur	05-Feb-89	11.73
Old Brahmaputra	SW225	Jamalpur	06-Feb-89	11.72
Old Brahmaputra	SW225	Jamalpur	07-Feb-89	11.72
Old Brahmaputra	SW225	Jamalpur	08-Feb-89	11.71
Old Brahmaputra	SW225	Jamalpur	09-Feb-89	11.7
Old Brahmaputra	SW225	Jamalpur	10-Feb-89	11.7
Old Brahmaputra	SW225	Jamalpur	11-Feb-89	11.69
Old Brahmaputra	SW225	Jamalpur	12-Feb-89	11.69
Old Brahmaputra	SW225	Jamalpur	13-Feb-89	11.68
Old Brahmaputra	SW225	Jamalpur	14-Feb-89	11.68
Old Brahmaputra	SW225	Jamalpur	15-Feb-89	11.67
Old Brahmaputra	SW225	Jamalpur	16-Feb-89	11.66
Old Brahmaputra	SW225	Jamalpur	17-Feb-89	11.66
Old Brahmaputra	SW225	Jamalpur	18-Feb-89	11.65
Old Brahmaputra	SW225	Jamalpur	19-Feb-89	11.68
Old Brahmaputra	SW225	Jamalpur	20-Feb-89	11.7
Old Brahmaputra	SW225	Jamalpur	21-Feb-89	11.68
Old Brahmaputra	SW225	Jamalpur	22-Feb-89	11.7
Old Brahmaputra	SW225	Jamalpur	23-Feb-89	11.71
Old Brahmaputra	SW225	Jamalpur	24-Feb-89	11.72
Old Brahmaputra	SW225	Jamalpur	25-Feb-89	11.71
Old Brahmaputra	SW225	Jamalpur	26-Feb-89	11.69
Old Brahmaputra	SW225	Jamalpur	27-Feb-89	11.67
Old Brahmaputra	SW225	Jamalpur	28-Feb-89	11.67
Old Brahmaputra	SW225	Jamalpur	01-Mar-89	11.67
Old Brahmaputra	SW225	Jamalpur	02-Mar-89	11.66
Old Brahmaputra	SW225	Jamalpur	03-Mar-89	11.65
Old Brahmaputra	SW225	Jamalpur	04-Mar-89	11.65
Old Brahmaputra	SW225	Jamalpur	05-Mar-89	11.64
Old Brahmaputra	SW225	Jamalpur	06-Mar-89	11.64
Old Brahmaputra	SW225	Jamalpur	07-Mar-89	11.63
Old Brahmaputra	SW225	Jamalpur	08-Mar-89	11.62

Old Brahmaputra	SW225	Jamalpur	09-Mar-89	11.62
Old Brahmaputra	SW225	Jamalpur	10-Mar-89	11.61
Old Brahmaputra	SW225	Jamalpur	11-Mar-89	11.61
Old Brahmaputra	SW225	Jamalpur	12-Mar-89	11.61
Old Brahmaputra	SW225	Jamalpur	13-Mar-89	11.6
Old Brahmaputra	SW225	Jamalpur	14-Mar-89	11.6
Old Brahmaputra	SW225	Jamalpur	15-Mar-89	11.6
Old Brahmaputra	SW225	Jamalpur	16-Mar-89	11.6
Old Brahmaputra	SW225	Jamalpur	17-Mar-89	11.59
Old Brahmaputra	SW225	Jamalpur	18-Mar-89	11.59
Old Brahmaputra	SW225	Jamalpur	19-Mar-89	11.58
Old Brahmaputra	SW225	Jamalpur	20-Mar-89	11.58
Old Brahmaputra	SW225	Jamalpur	21-Mar-89	11.57
Old Brahmaputra	SW225	Jamalpur	22-Mar-89	11.57
Old Brahmaputra	SW225	Jamalpur	23-Mar-89	11.57
Old Brahmaputra	SW225	Jamalpur	24-Mar-89	11.56
Old Brahmaputra	SW225	Jamalpur	25-Mar-89	11.55
Old Brahmaputra	SW225	Jamalpur	26-Mar-89	11.55
Old Brahmaputra	SW225	Jamalpur	27-Mar-89	11.55
Old Brahmaputra	SW225	Jamalpur	28-Mar-89	11.54
Old Brahmaputra	SW225	Jamalpur	29-Mar-89	11.54
Old Brahmaputra	SW225	Jamalpur	30-Mar-89	11.53
Old Brahmaputra	SW225	Jamalpur	31-Mar-89	11.53
Old Brahmaputra	SW225	Jamalpur	01-Apr-89	11.52
Old Brahmaputra	SW225	Jamalpur	02-Apr-89	11.52
Old Brahmaputra	SW225	Jamalpur	03-Apr-89	11.51
Old Brahmaputra	SW225	Jamalpur	04-Apr-89	11.51
Old Brahmaputra	SW225	Jamalpur	05-Apr-89	11.5
Old Brahmaputra	SW225	Jamalpur	06-Apr-89	11.49
Old Brahmaputra	SW225	Jamalpur	07-Apr-89	11.48
Old Brahmaputra	SW225	Jamalpur	08-Apr-89	11.47
Old Brahmaputra	SW225	Jamalpur	09-Apr-89	11.46
Old Brahmaputra	SW225	Jamalpur	10-Apr-89	11.45
Old Brahmaputra	SW225	Jamalpur	11-Apr-89	11.44
Old Brahmaputra	SW225	Jamalpur	12-Apr-89	11.44
Old Brahmaputra	SW225	Jamalpur	13-Apr-89	11.42
Old Brahmaputra	SW225	Jamalpur	14-Apr-89	11.41
Old Brahmaputra	SW225	Jamalpur	15-Apr-89	11.42
Old Brahmaputra	SW225	Jamalpur	16-Apr-89	11.41
Old Brahmaputra	SW225	Jamalpur	17-Apr-89	11.41
Old Brahmaputra	SW225	Jamalpur	18-Apr-89	11.41
Old Brahmaputra	SW225	Jamalpur	19-Apr-89	11.4
Old Brahmaputra	SW225	Jamalpur	20-Apr-89	11.4
Old Brahmaputra	SW225	Jamalpur	21-Apr-89	11.39
Old Brahmaputra	SW225	Jamalpur	22-Apr-89	11.4
Old Brahmaputra	SW225	Jamalpur	23-Apr-89	11.4
Old Brahmaputra	SW225	Jamalpur	24-Apr-89	11.39
Old Brahmaputra	SW225	Jamalpur	25-Apr-89	11.4
Old Brahmaputra	SW225	Jamalpur	26-Apr-89	11.39
Old Brahmaputra	SW225	Jamalpur	27-Apr-89	11.38

Old Brahmaputra	SW225	Jamalpur	28-Apr-89	11.39
Old Brahmaputra	SW225	Jamalpur	29-Apr-89	11.45
Old Brahmaputra	SW225	Jamalpur	30-Apr-89	11.6
Old Brahmaputra	SW225	Jamalpur	01-May-89	11.61
Old Brahmaputra	SW225	Jamalpur	02-May-89	11.6
Old Brahmaputra	SW225	Jamalpur	03-May-89	11.6
Old Brahmaputra	SW225	Jamalpur	04-May-89	11.62
Old Brahmaputra	SW225	Jamalpur	05-May-89	11.93
Old Brahmaputra	SW225	Jamalpur	06-May-89	12.21
Old Brahmaputra	SW225	Jamalpur	07-May-89	12.23
Old Brahmaputra	SW225	Jamalpur	08-May-89	12.11
Old Brahmaputra	SW225	Jamalpur	09-May-89	11.98
Old Brahmaputra	SW225	Jamalpur	10-May-89	11.89
Old Brahmaputra	SW225	Jamalpur	11-May-89	11.84
Old Brahmaputra	SW225	Jamalpur	12-May-89	11.81
Old Brahmaputra	SW225	Jamalpur	13-May-89	11.85
Old Brahmaputra	SW225	Jamalpur	14-May-89	11.95
Old Brahmaputra	SW225	Jamalpur	15-May-89	12.22
Old Brahmaputra	SW225	Jamalpur	16-May-89	12.31
Old Brahmaputra	SW225	Jamalpur	17-May-89	12.31
Old Brahmaputra	SW225	Jamalpur	18-May-89	12.21
Old Brahmaputra	SW225	Jamalpur	19-May-89	12.06
Old Brahmaputra	SW225	Jamalpur	20-May-89	11.95
Old Brahmaputra	SW225	Jamalpur	21-May-89	11.9
Old Brahmaputra	SW225	Jamalpur	22-May-89	11.99
Old Brahmaputra	SW225	Jamalpur	23-May-89	12.15
Old Brahmaputra	SW225	Jamalpur	24-May-89	12.2
Old Brahmaputra	SW225	Jamalpur	25-May-89	12.14
Old Brahmaputra	SW225	Jamalpur	26-May-89	12.07
Old Brahmaputra	SW225	Jamalpur	27-May-89	12.08
Old Brahmaputra	SW225	Jamalpur	28-May-89	13.12
Old Brahmaputra	SW225	Jamalpur	29-May-89	13.56
Old Brahmaputra	SW225	Jamalpur	30-May-89	14.02
Old Brahmaputra	SW225	Jamalpur	31-May-89	13.97
Old Brahmaputra	SW225	Jamalpur	01-Jun-89	13.81
Old Brahmaputra	SW225	Jamalpur	02-Jun-89	13.66
Old Brahmaputra	SW225	Jamalpur	03-Jun-89	13.57
Old Brahmaputra	SW225	Jamalpur	04-Jun-89	13.54
Old Brahmaputra	SW225	Jamalpur	05-Jun-89	13.47
Old Brahmaputra	SW225	Jamalpur	06-Jun-89	13.5
Old Brahmaputra	SW225	Jamalpur	07-Jun-89	13.51
Old Brahmaputra	SW225	Jamalpur	08-Jun-89	13.53
Old Brahmaputra	SW225	Jamalpur	09-Jun-89	13.58
Old Brahmaputra	SW225	Jamalpur	10-Jun-89	13.71
Old Brahmaputra	SW225	Jamalpur	11-Jun-89	13.76
Old Brahmaputra	SW225	Jamalpur	12-Jun-89	13.72
Old Brahmaputra	SW225	Jamalpur	13-Jun-89	13.67
Old Brahmaputra	SW225	Jamalpur	14-Jun-89	13.6
Old Brahmaputra	SW225	Jamalpur	15-Jun-89	13.59
Old Brahmaputra	SW225	Jamalpur	16-Jun-89	13.84

Old Brahmaputra	SW225	Jamalpur	17-Jun-89	14.47
Old Brahmaputra	SW225	Jamalpur	18-Jun-89	14.92
Old Brahmaputra	SW225	Jamalpur	19-Jun-89	15.02
Old Brahmaputra	SW225	Jamalpur	20-Jun-89	14.99
Old Brahmaputra	SW225	Jamalpur	21-Jun-89	14.97
Old Brahmaputra	SW225	Jamalpur	22-Jun-89	14.95
Old Brahmaputra	SW225	Jamalpur	23-Jun-89	14.84
Old Brahmaputra	SW225	Jamalpur	24-Jun-89	14.58
Old Brahmaputra	SW225	Jamalpur	25-Jun-89	14.28
Old Brahmaputra	SW225	Jamalpur	26-Jun-89	14.09
Old Brahmaputra	SW225	Jamalpur	27-Jun-89	13.96
Old Brahmaputra	SW225	Jamalpur	28-Jun-89	13.89
Old Brahmaputra	SW225	Jamalpur	29-Jun-89	13.83
Old Brahmaputra	SW225	Jamalpur	30-Jun-89	13.86
Old Brahmaputra	SW225	Jamalpur	01-Jul-89	14.02
Old Brahmaputra	SW225	Jamalpur	02-Jul-89	14.48
Old Brahmaputra	SW225	Jamalpur	03-Jul-89	14.82
Old Brahmaputra	SW225	Jamalpur	04-Jul-89	15.3
Old Brahmaputra	SW225	Jamalpur	05-Jul-89	15.73
Old Brahmaputra	SW225	Jamalpur	06-Jul-89	16.05
Old Brahmaputra	SW225	Jamalpur	07-Jul-89	16.23
Old Brahmaputra	SW225	Jamalpur	08-Jul-89	16.28
Old Brahmaputra	SW225	Jamalpur	09-Jul-89	16.27
Old Brahmaputra	SW225	Jamalpur	10-Jul-89	16.14
Old Brahmaputra	SW225	Jamalpur	11-Jul-89	16.03
Old Brahmaputra	SW225	Jamalpur	12-Jul-89	15.91
Old Brahmaputra	SW225	Jamalpur	13-Jul-89	15.81
Old Brahmaputra	SW225	Jamalpur	14-Jul-89	15.78
Old Brahmaputra	SW225	Jamalpur	15-Jul-89	15.81
Old Brahmaputra	SW225	Jamalpur	16-Jul-89	15.82
Old Brahmaputra	SW225	Jamalpur	17-Jul-89	15.84
Old Brahmaputra	SW225	Jamalpur	18-Jul-89	15.82
Old Brahmaputra	SW225	Jamalpur	19-Jul-89	15.86
Old Brahmaputra	SW225	Jamalpur	20-Jul-89	15.89
Old Brahmaputra	SW225	Jamalpur	21-Jul-89	15.86
Old Brahmaputra	SW225	Jamalpur	22-Jul-89	15.7
Old Brahmaputra	SW225	Jamalpur	23-Jul-89	15.47
Old Brahmaputra	SW225	Jamalpur	24-Jul-89	15.22
Old Brahmaputra	SW225	Jamalpur	25-Jul-89	14.91
Old Brahmaputra	SW225	Jamalpur	26-Jul-89	14.59
Old Brahmaputra	SW225	Jamalpur	27-Jul-89	14.35
Old Brahmaputra	SW225	Jamalpur	28-Jul-89	14.27
Old Brahmaputra	SW225	Jamalpur	29-Jul-89	14.91
Old Brahmaputra	SW225	Jamalpur	30-Jul-89	14.92
Old Brahmaputra	SW225	Jamalpur	31-Jul-89	14.8
Old Brahmaputra	SW225	Jamalpur	01-Aug-89	14.93
Old Brahmaputra	SW225	Jamalpur	02-Aug-89	15.12
Old Brahmaputra	SW225	Jamalpur	03-Aug-89	15.22
Old Brahmaputra	SW225	Jamalpur	04-Aug-89	15.2
Old Brahmaputra	SW225	Jamalpur	05-Aug-89	15.05

Old Brahmaputra	SW225	Jamalpur	06-Aug-89	14.82
Old Brahmaputra	SW225	Jamalpur	07-Aug-89	14.58
Old Brahmaputra	SW225	Jamalpur	08-Aug-89	14.39
Old Brahmaputra	SW225	Jamalpur	09-Aug-89	14.26
Old Brahmaputra	SW225	Jamalpur	10-Aug-89	14.15
Old Brahmaputra	SW225	Jamalpur	11-Aug-89	14.12
Old Brahmaputra	SW225	Jamalpur	12-Aug-89	14.11
Old Brahmaputra	SW225	Jamalpur	13-Aug-89	14.1
Old Brahmaputra	SW225	Jamalpur	14-Aug-89	14.09
Old Brahmaputra	SW225	Jamalpur	15-Aug-89	14.05
Old Brahmaputra	SW225	Jamalpur	16-Aug-89	14.12
Old Brahmaputra	SW225	Jamalpur	17-Aug-89	14.09
Old Brahmaputra	SW225	Jamalpur	18-Aug-89	14.15
Old Brahmaputra	SW225	Jamalpur	19-Aug-89	14.22
Old Brahmaputra	SW225	Jamalpur	20-Aug-89	14.23
Old Brahmaputra	SW225	Jamalpur	21-Aug-89	14.27
Old Brahmaputra	SW225	Jamalpur	22-Aug-89	14.44
Old Brahmaputra	SW225	Jamalpur	23-Aug-89	14.6
Old Brahmaputra	SW225	Jamalpur	24-Aug-89	14.75
Old Brahmaputra	SW225	Jamalpur	25-Aug-89	14.87
Old Brahmaputra	SW225	Jamalpur	26-Aug-89	14.97
Old Brahmaputra	SW225	Jamalpur	27-Aug-89	14.97
Old Brahmaputra	SW225	Jamalpur	28-Aug-89	14.88
Old Brahmaputra	SW225	Jamalpur	29-Aug-89	14.76
Old Brahmaputra	SW225	Jamalpur	30-Aug-89	14.71
Old Brahmaputra	SW225	Jamalpur	31-Aug-89	14.63
Old Brahmaputra	SW225	Jamalpur	01-Sep-89	14.53
Old Brahmaputra	SW225	Jamalpur	02-Sep-89	14.43
Old Brahmaputra	SW225	Jamalpur	03-Sep-89	14.35
Old Brahmaputra	SW225	Jamalpur	04-Sep-89	14.36
Old Brahmaputra	SW225	Jamalpur	05-Sep-89	14.43
Old Brahmaputra	SW225	Jamalpur	06-Sep-89	14.66
Old Brahmaputra	SW225	Jamalpur	07-Sep-89	14.88
Old Brahmaputra	SW225	Jamalpur	08-Sep-89	14.98
Old Brahmaputra	SW225	Jamalpur	09-Sep-89	15.01
Old Brahmaputra	SW225	Jamalpur	10-Sep-89	15.02
Old Brahmaputra	SW225	Jamalpur	11-Sep-89	15.07
Old Brahmaputra	SW225	Jamalpur	12-Sep-89	15.1
Old Brahmaputra	SW225	Jamalpur	13-Sep-89	15.12
Old Brahmaputra	SW225	Jamalpur	14-Sep-89	15.13
Old Brahmaputra	SW225	Jamalpur	15-Sep-89	15.01
Old Brahmaputra	SW225	Jamalpur	16-Sep-89	14.87
Old Brahmaputra	SW225	Jamalpur	17-Sep-89	14.7
Old Brahmaputra	SW225	Jamalpur	18-Sep-89	14.52
Old Brahmaputra	SW225	Jamalpur	19-Sep-89	14.51
Old Brahmaputra	SW225	Jamalpur	20-Sep-89	14.99
Old Brahmaputra	SW225	Jamalpur	21-Sep-89	15.5
Old Brahmaputra	SW225	Jamalpur	22-Sep-89	15.71
Old Brahmaputra	SW225	Jamalpur	23-Sep-89	15.74
Old Brahmaputra	SW225	Jamalpur	24-Sep-89	15.7

Old Brahmaputra	SW225	Jamalpur	25-Sep-89	15.63
Old Brahmaputra	SW225	Jamalpur	26-Sep-89	15.52
Old Brahmaputra	SW225	Jamalpur	27-Sep-89	15.36
Old Brahmaputra	SW225	Jamalpur	28-Sep-89	15.16
Old Brahmaputra	SW225	Jamalpur	29-Sep-89	15.03
Old Brahmaputra	SW225	Jamalpur	30-Sep-89	15.07
Old Brahmaputra	SW225	Jamalpur	01-Oct-89	15.2
Old Brahmaputra	SW225	Jamalpur	02-Oct-89	15.21
Old Brahmaputra	SW225	Jamalpur	03-Oct-89	15.1
Old Brahmaputra	SW225	Jamalpur	04-Oct-89	14.97
Old Brahmaputra	SW225	Jamalpur	05-Oct-89	14.89
Old Brahmaputra	SW225	Jamalpur	06-Oct-89	14.83
Old Brahmaputra	SW225	Jamalpur	07-Oct-89	14.75
Old Brahmaputra	SW225	Jamalpur	08-Oct-89	14.7
Old Brahmaputra	SW225	Jamalpur	09-Oct-89	14.52
Old Brahmaputra	SW225	Jamalpur	10-Oct-89	14.39
Old Brahmaputra	SW225	Jamalpur	11-Oct-89	14.28
Old Brahmaputra	SW225	Jamalpur	12-Oct-89	14.19
Old Brahmaputra	SW225	Jamalpur	13-Oct-89	14.12
Old Brahmaputra	SW225	Jamalpur	14-Oct-89	14.15
Old Brahmaputra	SW225	Jamalpur	15-Oct-89	14.25
Old Brahmaputra	SW225	Jamalpur	16-Oct-89	14.31
Old Brahmaputra	SW225	Jamalpur	17-Oct-89	14.29
Old Brahmaputra	SW225	Jamalpur	18-Oct-89	14.18
Old Brahmaputra	SW225	Jamalpur	19-Oct-89	14.02
Old Brahmaputra	SW225	Jamalpur	20-Oct-89	13.85
Old Brahmaputra	SW225	Jamalpur	21-Oct-89	13.69
Old Brahmaputra	SW225	Jamalpur	22-Oct-89	13.56
Old Brahmaputra	SW225	Jamalpur	23-Oct-89	13.47
Old Brahmaputra	SW225	Jamalpur	24-Oct-89	13.43
Old Brahmaputra	SW225	Jamalpur	25-Oct-89	13.44
Old Brahmaputra	SW225	Jamalpur	26-Oct-89	13.49
Old Brahmaputra	SW225	Jamalpur	27-Oct-89	13.48
Old Brahmaputra	SW225	Jamalpur	28-Oct-89	13.37
Old Brahmaputra	SW225	Jamalpur	29-Oct-89	13.24
Old Brahmaputra	SW225	Jamalpur	30-Oct-89	13.12
Old Brahmaputra	SW225	Jamalpur	31-Oct-89	13.02
Old Brahmaputra	SW225	Jamalpur	01-Nov-89	12.94
Old Brahmaputra	SW225	Jamalpur	02-Nov-89	12.87
Old Brahmaputra	SW225	Jamalpur	03-Nov-89	12.8
Old Brahmaputra	SW225	Jamalpur	04-Nov-89	12.74
Old Brahmaputra	SW225	Jamalpur	05-Nov-89	12.68
Old Brahmaputra	SW225	Jamalpur	06-Nov-89	12.62
Old Brahmaputra	SW225	Jamalpur	07-Nov-89	12.56
Old Brahmaputra	SW225	Jamalpur	08-Nov-89	12.51
Old Brahmaputra	SW225	Jamalpur	09-Nov-89	12.47
Old Brahmaputra	SW225	Jamalpur	10-Nov-89	12.43
Old Brahmaputra	SW225	Jamalpur	11-Nov-89	12.4
Old Brahmaputra	SW225	Jamalpur	12-Nov-89	12.38
Old Brahmaputra	SW225	Jamalpur	13-Nov-89	12.37

Old Brahmaputra	SW225	Jamalpur	14-Nov-89	12.36
Old Brahmaputra	SW225	Jamalpur	15-Nov-89	12.33
Old Brahmaputra	SW225	Jamalpur	16-Nov-89	12.29
Old Brahmaputra	SW225	Jamalpur	17-Nov-89	12.25
Old Brahmaputra	SW225	Jamalpur	18-Nov-89	12.22
Old Brahmaputra	SW225	Jamalpur	19-Nov-89	12.19
Old Brahmaputra	SW225	Jamalpur	20-Nov-89	12.16
Old Brahmaputra	SW225	Jamalpur	21-Nov-89	12.13
Old Brahmaputra	SW225	Jamalpur	22-Nov-89	12.11
Old Brahmaputra	SW225	Jamalpur	23-Nov-89	12.08
Old Brahmaputra	SW225	Jamalpur	24-Nov-89	12.06
Old Brahmaputra	SW225	Jamalpur	25-Nov-89	12.05
Old Brahmaputra	SW225	Jamalpur	26-Nov-89	12.03
Old Brahmaputra	SW225	Jamalpur	27-Nov-89	12.01
Old Brahmaputra	SW225	Jamalpur	28-Nov-89	11.98
Old Brahmaputra	SW225	Jamalpur	29-Nov-89	11.96
Old Brahmaputra	SW225	Jamalpur	30-Nov-89	11.95
Old Brahmaputra	SW225	Jamalpur	01-Dec-89	11.93
Old Brahmaputra	SW225	Jamalpur	02-Dec-89	11.92
Old Brahmaputra	SW225	Jamalpur	03-Dec-89	11.91
Old Brahmaputra	SW225	Jamalpur	04-Dec-89	11.89
Old Brahmaputra	SW225	Jamalpur	05-Dec-89	11.88
Old Brahmaputra	SW225	Jamalpur	06-Dec-89	11.87
Old Brahmaputra	SW225	Jamalpur	07-Dec-89	11.86
Old Brahmaputra	SW225	Jamalpur	08-Dec-89	11.85
Old Brahmaputra	SW225	Jamalpur	09-Dec-89	11.84
Old Brahmaputra	SW225	Jamalpur	10-Dec-89	11.83
Old Brahmaputra	SW225	Jamalpur	11-Dec-89	11.83
Old Brahmaputra	SW225	Jamalpur	12-Dec-89	11.81
Old Brahmaputra	SW225	Jamalpur	13-Dec-89	11.81
Old Brahmaputra	SW225	Jamalpur	14-Dec-89	11.8
Old Brahmaputra	SW225	Jamalpur	15-Dec-89	11.79
Old Brahmaputra	SW225	Jamalpur	16-Dec-89	11.78
Old Brahmaputra	SW225	Jamalpur	17-Dec-89	11.77
Old Brahmaputra	SW225	Jamalpur	18-Dec-89	11.76
Old Brahmaputra	SW225	Jamalpur	19-Dec-89	11.75
Old Brahmaputra	SW225	Jamalpur	20-Dec-89	11.75
Old Brahmaputra	SW225	Jamalpur	21-Dec-89	11.74
Old Brahmaputra	SW225	Jamalpur	22-Dec-89	11.73
Old Brahmaputra	SW225	Jamalpur	23-Dec-89	11.73
Old Brahmaputra	SW225	Jamalpur	24-Dec-89	11.72
Old Brahmaputra	SW225	Jamalpur	25-Dec-89	11.72
Old Brahmaputra	SW225	Jamalpur	26-Dec-89	11.71
Old Brahmaputra	SW225	Jamalpur	27-Dec-89	11.71
Old Brahmaputra	SW225	Jamalpur	28-Dec-89	11.71
Old Brahmaputra	SW225	Jamalpur	29-Dec-89	11.71
Old Brahmaputra	SW225	Jamalpur	30-Dec-89	11.7
Old Brahmaputra	SW225	Jamalpur	31-Dec-89	11.7
Old Brahmaputra	SW225	Jamalpur	01-Jan-90	11.69
Old Brahmaputra	SW225	Jamalpur	02-Jan-90	11.68

Old Brahmaputra	SW225	Jamalpur	03-Jan-90	11.67
Old Brahmaputra	SW225	Jamalpur	04-Jan-90	11.67
Old Brahmaputra	SW225	Jamalpur	05-Jan-90	11.66
Old Brahmaputra	SW225	Jamalpur	06-Jan-90	11.66
Old Brahmaputra	SW225	Jamalpur	07-Jan-90	11.66
Old Brahmaputra	SW225	Jamalpur	08-Jan-90	11.65
Old Brahmaputra	SW225	Jamalpur	09-Jan-90	11.65
Old Brahmaputra	SW225	Jamalpur	10-Jan-90	11.64
Old Brahmaputra	SW225	Jamalpur	11-Jan-90	11.64
Old Brahmaputra	SW225	Jamalpur	12-Jan-90	11.63
Old Brahmaputra	SW225	Jamalpur	13-Jan-90	11.63
Old Brahmaputra	SW225	Jamalpur	14-Jan-90	11.63
Old Brahmaputra	SW225	Jamalpur	15-Jan-90	11.62
Old Brahmaputra	SW225	Jamalpur	16-Jan-90	11.62
Old Brahmaputra	SW225	Jamalpur	17-Jan-90	11.62
Old Brahmaputra	SW225	Jamalpur	18-Jan-90	11.61
Old Brahmaputra	SW225	Jamalpur	19-Jan-90	11.61
Old Brahmaputra	SW225	Jamalpur	20-Jan-90	11.6
Old Brahmaputra	SW225	Jamalpur	21-Jan-90	11.6
Old Brahmaputra	SW225	Jamalpur	22-Jan-90	11.6
Old Brahmaputra	SW225	Jamalpur	23-Jan-90	11.59
Old Brahmaputra	SW225	Jamalpur	24-Jan-90	11.59
Old Brahmaputra	SW225	Jamalpur	25-Jan-90	11.58
Old Brahmaputra	SW225	Jamalpur	26-Jan-90	11.58
Old Brahmaputra	SW225	Jamalpur	27-Jan-90	11.58
Old Brahmaputra	SW225	Jamalpur	28-Jan-90	11.58
Old Brahmaputra	SW225	Jamalpur	29-Jan-90	11.57
Old Brahmaputra	SW225	Jamalpur	30-Jan-90	11.56
Old Brahmaputra	SW225	Jamalpur	31-Jan-90	11.56
Old Brahmaputra	SW225	Jamalpur	01-Feb-90	11.55
Old Brahmaputra	SW225	Jamalpur	02-Feb-90	11.55
Old Brahmaputra	SW225	Jamalpur	03-Feb-90	11.54
Old Brahmaputra	SW225	Jamalpur	04-Feb-90	11.54
Old Brahmaputra	SW225	Jamalpur	05-Feb-90	11.53
Old Brahmaputra	SW225	Jamalpur	06-Feb-90	11.53
Old Brahmaputra	SW225	Jamalpur	07-Feb-90	11.52
Old Brahmaputra	SW225	Jamalpur	08-Feb-90	11.52
Old Brahmaputra	SW225	Jamalpur	09-Feb-90	11.51
Old Brahmaputra	SW225	Jamalpur	10-Feb-90	11.5
Old Brahmaputra	SW225	Jamalpur	11-Feb-90	11.5
Old Brahmaputra	SW225	Jamalpur	12-Feb-90	11.49
Old Brahmaputra	SW225	Jamalpur	13-Feb-90	11.49
Old Brahmaputra	SW225	Jamalpur	14-Feb-90	11.48
Old Brahmaputra	SW225	Jamalpur	15-Feb-90	11.48
Old Brahmaputra	SW225	Jamalpur	16-Feb-90	11.49
Old Brahmaputra	SW225	Jamalpur	17-Feb-90	11.51
Old Brahmaputra	SW225	Jamalpur	18-Feb-90	11.5
Old Brahmaputra	SW225	Jamalpur	19-Feb-90	11.49
Old Brahmaputra	SW225	Jamalpur	20-Feb-90	11.48
Old Brahmaputra	SW225	Jamalpur	21-Feb-90	11.48

Old Brahmaputra	SW225	Jamalpur	22-Feb-90	11.49
Old Brahmaputra	SW225	Jamalpur	23-Feb-90	11.51
Old Brahmaputra	SW225	Jamalpur	24-Feb-90	11.48
Old Brahmaputra	SW225	Jamalpur	25-Feb-90	11.48
Old Brahmaputra	SW225	Jamalpur	26-Feb-90	11.48
Old Brahmaputra	SW225	Jamalpur	27-Feb-90	11.48
Old Brahmaputra	SW225	Jamalpur	28-Feb-90	11.47
Old Brahmaputra	SW225	Jamalpur	01-Mar-90	11.46
Old Brahmaputra	SW225	Jamalpur	02-Mar-90	11.46
Old Brahmaputra	SW225	Jamalpur	03-Mar-90	11.46
Old Brahmaputra	SW225	Jamalpur	04-Mar-90	11.45
Old Brahmaputra	SW225	Jamalpur	05-Mar-90	11.44
Old Brahmaputra	SW225	Jamalpur	06-Mar-90	11.44
Old Brahmaputra	SW225	Jamalpur	07-Mar-90	11.43
Old Brahmaputra	SW225	Jamalpur	08-Mar-90	11.43
Old Brahmaputra	SW225	Jamalpur	09-Mar-90	11.43
Old Brahmaputra	SW225	Jamalpur	10-Mar-90	11.43
Old Brahmaputra	SW225	Jamalpur	11-Mar-90	11.43
Old Brahmaputra	SW225	Jamalpur	12-Mar-90	11.42
Old Brahmaputra	SW225	Jamalpur	13-Mar-90	11.43
Old Brahmaputra	SW225	Jamalpur	14-Mar-90	11.43
Old Brahmaputra	SW225	Jamalpur	15-Mar-90	11.43
Old Brahmaputra	SW225	Jamalpur	16-Mar-90	11.44
Old Brahmaputra	SW225	Jamalpur	17-Mar-90	11.45
Old Brahmaputra	SW225	Jamalpur	18-Mar-90	11.44
Old Brahmaputra	SW225	Jamalpur	19-Mar-90	11.43
Old Brahmaputra	SW225	Jamalpur	20-Mar-90	11.42
Old Brahmaputra	SW225	Jamalpur	21-Mar-90	11.41
Old Brahmaputra	SW225	Jamalpur	22-Mar-90	11.4
Old Brahmaputra	SW225	Jamalpur	23-Mar-90	11.4
Old Brahmaputra	SW225	Jamalpur	24-Mar-90	11.41
Old Brahmaputra	SW225	Jamalpur	25-Mar-90	11.42
Old Brahmaputra	SW225	Jamalpur	26-Mar-90	11.44
Old Brahmaputra	SW225	Jamalpur	27-Mar-90	11.44
Old Brahmaputra	SW225	Jamalpur	28-Mar-90	11.45
Old Brahmaputra	SW225	Jamalpur	29-Mar-90	11.45
Old Brahmaputra	SW225	Jamalpur	30-Mar-90	11.45
Old Brahmaputra	SW225	Jamalpur	31-Mar-90	11.44
Old Brahmaputra	SW225	Jamalpur	01-Apr-90	11.44
Old Brahmaputra	SW225	Jamalpur	02-Apr-90	11.43
Old Brahmaputra	SW225	Jamalpur	03-Apr-90	11.42
Old Brahmaputra	SW225	Jamalpur	04-Apr-90	11.42
Old Brahmaputra	SW225	Jamalpur	05-Apr-90	11.43
Old Brahmaputra	SW225	Jamalpur	06-Apr-90	11.43
Old Brahmaputra	SW225	Jamalpur	07-Apr-90	11.42
Old Brahmaputra	SW225	Jamalpur	08-Apr-90	11.44
Old Brahmaputra	SW225	Jamalpur	09-Apr-90	11.45
Old Brahmaputra	SW225	Jamalpur	10-Apr-90	11.48
Old Brahmaputra	SW225	Jamalpur	11-Apr-90	11.57
Old Brahmaputra	SW225	Jamalpur	12-Apr-90	11.6

Old Brahmaputra	SW225	Jamalpur	13-Apr-90	11.58
Old Brahmaputra	SW225	Jamalpur	14-Apr-90	11.54
Old Brahmaputra	SW225	Jamalpur	15-Apr-90	11.51
Old Brahmaputra	SW225	Jamalpur	16-Apr-90	11.51
Old Brahmaputra	SW225	Jamalpur	17-Apr-90	11.55
Old Brahmaputra	SW225	Jamalpur	18-Apr-90	11.6
Old Brahmaputra	SW225	Jamalpur	19-Apr-90	11.58
Old Brahmaputra	SW225	Jamalpur	20-Apr-90	11.68
Old Brahmaputra	SW225	Jamalpur	21-Apr-90	11.8
Old Brahmaputra	SW225	Jamalpur	22-Apr-90	11.9
Old Brahmaputra	SW225	Jamalpur	23-Apr-90	11.99
Old Brahmaputra	SW225	Jamalpur	24-Apr-90	12.06
Old Brahmaputra	SW225	Jamalpur	25-Apr-90	12.12
Old Brahmaputra	SW225	Jamalpur	26-Apr-90	12.13
Old Brahmaputra	SW225	Jamalpur	27-Apr-90	12.16
Old Brahmaputra	SW225	Jamalpur	28-Apr-90	12.24
Old Brahmaputra	SW225	Jamalpur	29-Apr-90	12.31
Old Brahmaputra	SW225	Jamalpur	30-Apr-90	12.34
Old Brahmaputra	SW225	Jamalpur	01-May-90	12.38
Old Brahmaputra	SW225	Jamalpur	02-May-90	12.37
Old Brahmaputra	SW225	Jamalpur	03-May-90	12.34
Old Brahmaputra	SW225	Jamalpur	04-May-90	12.4
Old Brahmaputra	SW225	Jamalpur	05-May-90	12.35
Old Brahmaputra	SW225	Jamalpur	06-May-90	12.35
Old Brahmaputra	SW225	Jamalpur	07-May-90	12.37
Old Brahmaputra	SW225	Jamalpur	08-May-90	12.35
Old Brahmaputra	SW225	Jamalpur	09-May-90	12.3
Old Brahmaputra	SW225	Jamalpur	10-May-90	12.26
Old Brahmaputra	SW225	Jamalpur	11-May-90	12.26
Old Brahmaputra	SW225	Jamalpur	12-May-90	12.25
Old Brahmaputra	SW225	Jamalpur	13-May-90	12.29
Old Brahmaputra	SW225	Jamalpur	14-May-90	12.35
Old Brahmaputra	SW225	Jamalpur	15-May-90	12.4
Old Brahmaputra	SW225	Jamalpur	16-May-90	12.45
Old Brahmaputra	SW225	Jamalpur	17-May-90	12.48
Old Brahmaputra	SW225	Jamalpur	18-May-90	12.48
Old Brahmaputra	SW225	Jamalpur	19-May-90	12.48
Old Brahmaputra	SW225	Jamalpur	20-May-90	12.58
Old Brahmaputra	SW225	Jamalpur	21-May-90	12.77
Old Brahmaputra	SW225	Jamalpur	22-May-90	12.85
Old Brahmaputra	SW225	Jamalpur	23-May-90	12.84
Old Brahmaputra	SW225	Jamalpur	24-May-90	12.79
Old Brahmaputra	SW225	Jamalpur	25-May-90	12.8
Old Brahmaputra	SW225	Jamalpur	26-May-90	12.67
Old Brahmaputra	SW225	Jamalpur	27-May-90	12.7
Old Brahmaputra	SW225	Jamalpur	28-May-90	12.93
Old Brahmaputra	SW225	Jamalpur	29-May-90	13.04
Old Brahmaputra	SW225	Jamalpur	30-May-90	12.99
Old Brahmaputra	SW225	Jamalpur	31-May-90	13.03
Old Brahmaputra	SW225	Jamalpur	01-Jun-90	13.09

Old Brahmaputra	SW225	Jamalpur	02-Jun-90	13.12
Old Brahmaputra	SW225	Jamalpur	03-Jun-90	13.17
Old Brahmaputra	SW225	Jamalpur	04-Jun-90	13.28
Old Brahmaputra	SW225	Jamalpur	05-Jun-90	13.39
Old Brahmaputra	SW225	Jamalpur	06-Jun-90	13.58
Old Brahmaputra	SW225	Jamalpur	07-Jun-90	13.75
Old Brahmaputra	SW225	Jamalpur	08-Jun-90	13.93
Old Brahmaputra	SW225	Jamalpur	09-Jun-90	14.3
Old Brahmaputra	SW225	Jamalpur	10-Jun-90	14.52
Old Brahmaputra	SW225	Jamalpur	11-Jun-90	14.75
Old Brahmaputra	SW225	Jamalpur	12-Jun-90	15.09
Old Brahmaputra	SW225	Jamalpur	13-Jun-90	15.3
Old Brahmaputra	SW225	Jamalpur	14-Jun-90	15.28
Old Brahmaputra	SW225	Jamalpur	15-Jun-90	15.02
Old Brahmaputra	SW225	Jamalpur	16-Jun-90	14.65
Old Brahmaputra	SW225	Jamalpur	17-Jun-90	14.31
Old Brahmaputra	SW225	Jamalpur	18-Jun-90	14.06
Old Brahmaputra	SW225	Jamalpur	19-Jun-90	13.92
Old Brahmaputra	SW225	Jamalpur	20-Jun-90	13.87
Old Brahmaputra	SW225	Jamalpur	21-Jun-90	14
Old Brahmaputra	SW225	Jamalpur	22-Jun-90	14.17
Old Brahmaputra	SW225	Jamalpur	23-Jun-90	14.82
Old Brahmaputra	SW225	Jamalpur	24-Jun-90	15.25
Old Brahmaputra	SW225	Jamalpur	25-Jun-90	15.54
Old Brahmaputra	SW225	Jamalpur	26-Jun-90	15.7
Old Brahmaputra	SW225	Jamalpur	27-Jun-90	15.74
Old Brahmaputra	SW225	Jamalpur	28-Jun-90	15.7
Old Brahmaputra	SW225	Jamalpur	29-Jun-90	15.62
Old Brahmaputra	SW225	Jamalpur	30-Jun-90	15.53
Old Brahmaputra	SW225	Jamalpur	01-Jul-90	15.29
Old Brahmaputra	SW225	Jamalpur	02-Jul-90	15.05
Old Brahmaputra	SW225	Jamalpur	03-Jul-90	14.82
Old Brahmaputra	SW225	Jamalpur	04-Jul-90	14.72
Old Brahmaputra	SW225	Jamalpur	05-Jul-90	14.74
Old Brahmaputra	SW225	Jamalpur	06-Jul-90	14.76
Old Brahmaputra	SW225	Jamalpur	07-Jul-90	14.8
Old Brahmaputra	SW225	Jamalpur	08-Jul-90	14.81
Old Brahmaputra	SW225	Jamalpur	09-Jul-90	15.12
Old Brahmaputra	SW225	Jamalpur	10-Jul-90	15.29
Old Brahmaputra	SW225	Jamalpur	11-Jul-90	15.37
Old Brahmaputra	SW225	Jamalpur	12-Jul-90	15.36
Old Brahmaputra	SW225	Jamalpur	13-Jul-90	15.39
Old Brahmaputra	SW225	Jamalpur	14-Jul-90	15.42
Old Brahmaputra	SW225	Jamalpur	15-Jul-90	15.44
Old Brahmaputra	SW225	Jamalpur	16-Jul-90	15.52
Old Brahmaputra	SW225	Jamalpur	17-Jul-90	15.54
Old Brahmaputra	SW225	Jamalpur	18-Jul-90	15.58
Old Brahmaputra	SW225	Jamalpur	19-Jul-90	15.68
Old Brahmaputra	SW225	Jamalpur	20-Jul-90	15.8
Old Brahmaputra	SW225	Jamalpur	21-Jul-90	15.94

Old Brahmaputra	SW225	Jamalpur	22-Jul-90	16
Old Brahmaputra	SW225	Jamalpur	23-Jul-90	16.04
Old Brahmaputra	SW225	Jamalpur	24-Jul-90	16.07
Old Brahmaputra	SW225	Jamalpur	25-Jul-90	16.1
Old Brahmaputra	SW225	Jamalpur	26-Jul-90	16.15
Old Brahmaputra	SW225	Jamalpur	27-Jul-90	16.18
Old Brahmaputra	SW225	Jamalpur	28-Jul-90	16.31
Old Brahmaputra	SW225	Jamalpur	29-Jul-90	16.27
Old Brahmaputra	SW225	Jamalpur	30-Jul-90	16.23
Old Brahmaputra	SW225	Jamalpur	31-Jul-90	16.17
Old Brahmaputra	SW225	Jamalpur	01-Aug-90	16.11
Old Brahmaputra	SW225	Jamalpur	02-Aug-90	16
Old Brahmaputra	SW225	Jamalpur	03-Aug-90	15.9
Old Brahmaputra	SW225	Jamalpur	04-Aug-90	15.76
Old Brahmaputra	SW225	Jamalpur	05-Aug-90	15.53
Old Brahmaputra	SW225	Jamalpur	06-Aug-90	15.29
Old Brahmaputra	SW225	Jamalpur	07-Aug-90	15.08
Old Brahmaputra	SW225	Jamalpur	08-Aug-90	14.86
Old Brahmaputra	SW225	Jamalpur	09-Aug-90	14.66
Old Brahmaputra	SW225	Jamalpur	10-Aug-90	14.47
Old Brahmaputra	SW225	Jamalpur	11-Aug-90	14.4
Old Brahmaputra	SW225	Jamalpur	12-Aug-90	14.47
Old Brahmaputra	SW225	Jamalpur	13-Aug-90	14.76
Old Brahmaputra	SW225	Jamalpur	14-Aug-90	14.91
Old Brahmaputra	SW225	Jamalpur	15-Aug-90	15.03
Old Brahmaputra	SW225	Jamalpur	16-Aug-90	14.96
Old Brahmaputra	SW225	Jamalpur	17-Aug-90	14.79
Old Brahmaputra	SW225	Jamalpur	18-Aug-90	14.66
Old Brahmaputra	SW225	Jamalpur	19-Aug-90	14.57
Old Brahmaputra	SW225	Jamalpur	20-Aug-90	14.51
Old Brahmaputra	SW225	Jamalpur	21-Aug-90	14.43
Old Brahmaputra	SW225	Jamalpur	22-Aug-90	14.33
Old Brahmaputra	SW225	Jamalpur	23-Aug-90	14.24
Old Brahmaputra	SW225	Jamalpur	24-Aug-90	14.16
Old Brahmaputra	SW225	Jamalpur	25-Aug-90	14.07
Old Brahmaputra	SW225	Jamalpur	26-Aug-90	14.14
Old Brahmaputra	SW225	Jamalpur	27-Aug-90	14.35
Old Brahmaputra	SW225	Jamalpur	28-Aug-90	14.69
Old Brahmaputra	SW225	Jamalpur	29-Aug-90	14.87
Old Brahmaputra	SW225	Jamalpur	30-Aug-90	14.98
Old Brahmaputra	SW225	Jamalpur	31-Aug-90	15.09
Old Brahmaputra	SW225	Jamalpur	01-Sep-90	15.1
Old Brahmaputra	SW225	Jamalpur	02-Sep-90	15.02
Old Brahmaputra	SW225	Jamalpur	03-Sep-90	14.84
Old Brahmaputra	SW225	Jamalpur	04-Sep-90	14.65
Old Brahmaputra	SW225	Jamalpur	05-Sep-90	14.48
Old Brahmaputra	SW225	Jamalpur	06-Sep-90	14.34
Old Brahmaputra	SW225	Jamalpur	07-Sep-90	14.2
Old Brahmaputra	SW225	Jamalpur	08-Sep-90	14.11
Old Brahmaputra	SW225	Jamalpur	09-Sep-90	14.04

Old Brahmaputra	SW225	Jamalpur	10-Sep-90	14.05
Old Brahmaputra	SW225	Jamalpur	11-Sep-90	14.18
Old Brahmaputra	SW225	Jamalpur	12-Sep-90	14.33
Old Brahmaputra	SW225	Jamalpur	13-Sep-90	14.41
Old Brahmaputra	SW225	Jamalpur	14-Sep-90	14.42
Old Brahmaputra	SW225	Jamalpur	15-Sep-90	14.43
Old Brahmaputra	SW225	Jamalpur	16-Sep-90	14.44
Old Brahmaputra	SW225	Jamalpur	17-Sep-90	14.49
Old Brahmaputra	SW225	Jamalpur	18-Sep-90	14.65
Old Brahmaputra	SW225	Jamalpur	19-Sep-90	14.84
Old Brahmaputra	SW225	Jamalpur	20-Sep-90	14.99
Old Brahmaputra	SW225	Jamalpur	21-Sep-90	15.16
Old Brahmaputra	SW225	Jamalpur	22-Sep-90	15.33
Old Brahmaputra	SW225	Jamalpur	23-Sep-90	15.48
Old Brahmaputra	SW225	Jamalpur	24-Sep-90	15.48
Old Brahmaputra	SW225	Jamalpur	25-Sep-90	15.44
Old Brahmaputra	SW225	Jamalpur	26-Sep-90	15.46
Old Brahmaputra	SW225	Jamalpur	27-Sep-90	15.52
Old Brahmaputra	SW225	Jamalpur	28-Sep-90	15.5
Old Brahmaputra	SW225	Jamalpur	29-Sep-90	15.5
Old Brahmaputra	SW225	Jamalpur	30-Sep-90	15.48
Old Brahmaputra	SW225	Jamalpur	01-Oct-90	15.53
Old Brahmaputra	SW225	Jamalpur	02-Oct-90	15.5
Old Brahmaputra	SW225	Jamalpur	03-Oct-90	15.53
Old Brahmaputra	SW225	Jamalpur	04-Oct-90	15.63
Old Brahmaputra	SW225	Jamalpur	05-Oct-90	15.73
Old Brahmaputra	SW225	Jamalpur	06-Oct-90	15.76
Old Brahmaputra	SW225	Jamalpur	07-Oct-90	15.64
Old Brahmaputra	SW225	Jamalpur	08-Oct-90	15.49
Old Brahmaputra	SW225	Jamalpur	09-Oct-90	15.62
Old Brahmaputra	SW225	Jamalpur	10-Oct-90	15.9
Old Brahmaputra	SW225	Jamalpur	11-Oct-90	16
Old Brahmaputra	SW225	Jamalpur	12-Oct-90	16.01
Old Brahmaputra	SW225	Jamalpur	13-Oct-90	15.93
Old Brahmaputra	SW225	Jamalpur	14-Oct-90	15.78
Old Brahmaputra	SW225	Jamalpur	15-Oct-90	15.57
Old Brahmaputra	SW225	Jamalpur	16-Oct-90	15.35
Old Brahmaputra	SW225	Jamalpur	17-Oct-90	15.15
Old Brahmaputra	SW225	Jamalpur	18-Oct-90	14.95
Old Brahmaputra	SW225	Jamalpur	19-Oct-90	14.71
Old Brahmaputra	SW225	Jamalpur	20-Oct-90	14.5
Old Brahmaputra	SW225	Jamalpur	21-Oct-90	14.33
Old Brahmaputra	SW225	Jamalpur	22-Oct-90	14.2
Old Brahmaputra	SW225	Jamalpur	23-Oct-90	14.08
Old Brahmaputra	SW225	Jamalpur	24-Oct-90	13.94
Old Brahmaputra	SW225	Jamalpur	25-Oct-90	13.79
Old Brahmaputra	SW225	Jamalpur	26-Oct-90	13.65
Old Brahmaputra	SW225	Jamalpur	27-Oct-90	13.51
Old Brahmaputra	SW225	Jamalpur	28-Oct-90	13.38
Old Brahmaputra	SW225	Jamalpur	29-Oct-90	13.26

Old Brahmaputra	SW225	Jamalpur	30-Oct-90	13.16
Old Brahmaputra	SW225	Jamalpur	31-Oct-90	13.06
Old Brahmaputra	SW225	Jamalpur	01-Nov-90	12.95
Old Brahmaputra	SW225	Jamalpur	02-Nov-90	12.87
Old Brahmaputra	SW225	Jamalpur	03-Nov-90	12.8
Old Brahmaputra	SW225	Jamalpur	04-Nov-90	12.76
Old Brahmaputra	SW225	Jamalpur	05-Nov-90	12.7
Old Brahmaputra	SW225	Jamalpur	06-Nov-90	12.63
Old Brahmaputra	SW225	Jamalpur	07-Nov-90	12.57
Old Brahmaputra	SW225	Jamalpur	08-Nov-90	12.51
Old Brahmaputra	SW225	Jamalpur	09-Nov-90	12.45
Old Brahmaputra	SW225	Jamalpur	10-Nov-90	12.41
Old Brahmaputra	SW225	Jamalpur	11-Nov-90	12.36
Old Brahmaputra	SW225	Jamalpur	12-Nov-90	12.32
Old Brahmaputra	SW225	Jamalpur	13-Nov-90	12.26
Old Brahmaputra	SW225	Jamalpur	14-Nov-90	12.23
Old Brahmaputra	SW225	Jamalpur	15-Nov-90	12.2
Old Brahmaputra	SW225	Jamalpur	16-Nov-90	12.18
Old Brahmaputra	SW225	Jamalpur	17-Nov-90	12.15
Old Brahmaputra	SW225	Jamalpur	18-Nov-90	12.12
Old Brahmaputra	SW225	Jamalpur	19-Nov-90	12.09
Old Brahmaputra	SW225	Jamalpur	20-Nov-90	12.07
Old Brahmaputra	SW225	Jamalpur	21-Nov-90	12.06
Old Brahmaputra	SW225	Jamalpur	22-Nov-90	12.04
Old Brahmaputra	SW225	Jamalpur	23-Nov-90	12.03
Old Brahmaputra	SW225	Jamalpur	24-Nov-90	12.01
Old Brahmaputra	SW225	Jamalpur	25-Nov-90	11.99
Old Brahmaputra	SW225	Jamalpur	26-Nov-90	11.95
Old Brahmaputra	SW225	Jamalpur	27-Nov-90	11.94
Old Brahmaputra	SW225	Jamalpur	28-Nov-90	11.92
Old Brahmaputra	SW225	Jamalpur	29-Nov-90	11.91
Old Brahmaputra	SW225	Jamalpur	30-Nov-90	11.9
Old Brahmaputra	SW225	Jamalpur	01-Dec-90	11.89
Old Brahmaputra	SW225	Jamalpur	02-Dec-90	11.88
Old Brahmaputra	SW225	Jamalpur	03-Dec-90	11.87
Old Brahmaputra	SW225	Jamalpur	04-Dec-90	11.86
Old Brahmaputra	SW225	Jamalpur	05-Dec-90	11.85
Old Brahmaputra	SW225	Jamalpur	06-Dec-90	11.84
Old Brahmaputra	SW225	Jamalpur	07-Dec-90	11.83
Old Brahmaputra	SW225	Jamalpur	08-Dec-90	11.82
Old Brahmaputra	SW225	Jamalpur	09-Dec-90	11.81
Old Brahmaputra	SW225	Jamalpur	10-Dec-90	11.8
Old Brahmaputra	SW225	Jamalpur	11-Dec-90	11.79
Old Brahmaputra	SW225	Jamalpur	12-Dec-90	11.78
Old Brahmaputra	SW225	Jamalpur	13-Dec-90	11.78
Old Brahmaputra	SW225	Jamalpur	14-Dec-90	11.77
Old Brahmaputra	SW225	Jamalpur	15-Dec-90	11.77
Old Brahmaputra	SW225	Jamalpur	16-Dec-90	11.76
Old Brahmaputra	SW225	Jamalpur	17-Dec-90	11.76
Old Brahmaputra	SW225	Jamalpur	18-Dec-90	11.75

Old Brahmaputra	SW225	Jamalpur	19-Dec-90	11.75
Old Brahmaputra	SW225	Jamalpur	20-Dec-90	11.74
Old Brahmaputra	SW225	Jamalpur	21-Dec-90	11.74
Old Brahmaputra	SW225	Jamalpur	22-Dec-90	11.73
Old Brahmaputra	SW225	Jamalpur	23-Dec-90	11.72
Old Brahmaputra	SW225	Jamalpur	24-Dec-90	11.72
Old Brahmaputra	SW225	Jamalpur	25-Dec-90	11.72
Old Brahmaputra	SW225	Jamalpur	26-Dec-90	11.71
Old Brahmaputra	SW225	Jamalpur	27-Dec-90	11.71
Old Brahmaputra	SW225	Jamalpur	28-Dec-90	11.71
Old Brahmaputra	SW225	Jamalpur	29-Dec-90	11.71
Old Brahmaputra	SW225	Jamalpur	30-Dec-90	11.7
Old Brahmaputra	SW225	Jamalpur	31-Dec-90	11.7
Old Brahmaputra	SW225	Jamalpur	01-Jan-91	11.69
Old Brahmaputra	SW225	Jamalpur	02-Jan-91	11.69
Old Brahmaputra	SW225	Jamalpur	03-Jan-91	11.69
Old Brahmaputra	SW225	Jamalpur	04-Jan-91	11.68
Old Brahmaputra	SW225	Jamalpur	05-Jan-91	11.68
Old Brahmaputra	SW225	Jamalpur	06-Jan-91	11.67
Old Brahmaputra	SW225	Jamalpur	07-Jan-91	11.67
Old Brahmaputra	SW225	Jamalpur	08-Jan-91	11.67
Old Brahmaputra	SW225	Jamalpur	09-Jan-91	11.66
Old Brahmaputra	SW225	Jamalpur	10-Jan-91	11.66
Old Brahmaputra	SW225	Jamalpur	11-Jan-91	11.66
Old Brahmaputra	SW225	Jamalpur	12-Jan-91	11.65
Old Brahmaputra	SW225	Jamalpur	13-Jan-91	11.65
Old Brahmaputra	SW225	Jamalpur	14-Jan-91	11.65
Old Brahmaputra	SW225	Jamalpur	15-Jan-91	11.64
Old Brahmaputra	SW225	Jamalpur	16-Jan-91	11.64
Old Brahmaputra	SW225	Jamalpur	17-Jan-91	11.63
Old Brahmaputra	SW225	Jamalpur	18-Jan-91	11.63
Old Brahmaputra	SW225	Jamalpur	19-Jan-91	11.63
Old Brahmaputra	SW225	Jamalpur	20-Jan-91	11.62
Old Brahmaputra	SW225	Jamalpur	21-Jan-91	11.62
Old Brahmaputra	SW225	Jamalpur	22-Jan-91	11.62
Old Brahmaputra	SW225	Jamalpur	23-Jan-91	11.62
Old Brahmaputra	SW225	Jamalpur	24-Jan-91	11.62
Old Brahmaputra	SW225	Jamalpur	25-Jan-91	11.62
Old Brahmaputra	SW225	Jamalpur	26-Jan-91	11.61
Old Brahmaputra	SW225	Jamalpur	27-Jan-91	11.61
Old Brahmaputra	SW225	Jamalpur	28-Jan-91	11.6
Old Brahmaputra	SW225	Jamalpur	29-Jan-91	11.6
Old Brahmaputra	SW225	Jamalpur	30-Jan-91	11.6
Old Brahmaputra	SW225	Jamalpur	31-Jan-91	11.59
Old Brahmaputra	SW225	Jamalpur	01-Feb-91	11.59
Old Brahmaputra	SW225	Jamalpur	02-Feb-91	11.59
Old Brahmaputra	SW225	Jamalpur	03-Feb-91	11.58
Old Brahmaputra	SW225	Jamalpur	04-Feb-91	11.58
Old Brahmaputra	SW225	Jamalpur	05-Feb-91	11.58
Old Brahmaputra	SW225	Jamalpur	06-Feb-91	11.58

Old Brahmaputra	SW225	Jamalpur	07-Feb-91	11.57
Old Brahmaputra	SW225	Jamalpur	08-Feb-91	11.56
Old Brahmaputra	SW225	Jamalpur	09-Feb-91	11.56
Old Brahmaputra	SW225	Jamalpur	10-Feb-91	11.56
Old Brahmaputra	SW225	Jamalpur	11-Feb-91	11.55
Old Brahmaputra	SW225	Jamalpur	12-Feb-91	11.55
Old Brahmaputra	SW225	Jamalpur	13-Feb-91	11.54
Old Brahmaputra	SW225	Jamalpur	14-Feb-91	11.53
Old Brahmaputra	SW225	Jamalpur	15-Feb-91	11.52
Old Brahmaputra	SW225	Jamalpur	16-Feb-91	11.52
Old Brahmaputra	SW225	Jamalpur	17-Feb-91	11.51
Old Brahmaputra	SW225	Jamalpur	18-Feb-91	11.51
Old Brahmaputra	SW225	Jamalpur	19-Feb-91	11.5
Old Brahmaputra	SW225	Jamalpur	20-Feb-91	11.5
Old Brahmaputra	SW225	Jamalpur	21-Feb-91	11.49
Old Brahmaputra	SW225	Jamalpur	22-Feb-91	11.48
Old Brahmaputra	SW225	Jamalpur	23-Feb-91	11.48
Old Brahmaputra	SW225	Jamalpur	24-Feb-91	11.47
Old Brahmaputra	SW225	Jamalpur	25-Feb-91	11.47
Old Brahmaputra	SW225	Jamalpur	26-Feb-91	11.47
Old Brahmaputra	SW225	Jamalpur	27-Feb-91	11.46
Old Brahmaputra	SW225	Jamalpur	28-Feb-91	11.46
Old Brahmaputra	SW225	Jamalpur	01-Mar-91	11.47
Old Brahmaputra	SW225	Jamalpur	02-Mar-91	11.46
Old Brahmaputra	SW225	Jamalpur	03-Mar-91	11.45
Old Brahmaputra	SW225	Jamalpur	04-Mar-91	11.45
Old Brahmaputra	SW225	Jamalpur	05-Mar-91	11.45
Old Brahmaputra	SW225	Jamalpur	06-Mar-91	11.44
Old Brahmaputra	SW225	Jamalpur	07-Mar-91	11.44
Old Brahmaputra	SW225	Jamalpur	08-Mar-91	11.43
Old Brahmaputra	SW225	Jamalpur	09-Mar-91	11.43
Old Brahmaputra	SW225	Jamalpur	10-Mar-91	11.43
Old Brahmaputra	SW225	Jamalpur	11-Mar-91	11.43
Old Brahmaputra	SW225	Jamalpur	12-Mar-91	11.43
Old Brahmaputra	SW225	Jamalpur	13-Mar-91	11.42
Old Brahmaputra	SW225	Jamalpur	14-Mar-91	11.42
Old Brahmaputra	SW225	Jamalpur	15-Mar-91	11.42
Old Brahmaputra	SW225	Jamalpur	16-Mar-91	11.42
Old Brahmaputra	SW225	Jamalpur	17-Mar-91	11.42
Old Brahmaputra	SW225	Jamalpur	18-Mar-91	11.42
Old Brahmaputra	SW225	Jamalpur	19-Mar-91	11.41
Old Brahmaputra	SW225	Jamalpur	20-Mar-91	11.41
Old Brahmaputra	SW225	Jamalpur	21-Mar-91	11.41
Old Brahmaputra	SW225	Jamalpur	22-Mar-91	11.4
Old Brahmaputra	SW225	Jamalpur	23-Mar-91	11.4
Old Brahmaputra	SW225	Jamalpur	24-Mar-91	11.4
Old Brahmaputra	SW225	Jamalpur	25-Mar-91	11.42
Old Brahmaputra	SW225	Jamalpur	26-Mar-91	11.42
Old Brahmaputra	SW225	Jamalpur	27-Mar-91	11.41
Old Brahmaputra	SW225	Jamalpur	28-Mar-91	11.4

Old Brahmaputra	SW225	Jamalpur	29-Mar-91	11.4
Old Brahmaputra	SW225	Jamalpur	30-Mar-91	11.4
Old Brahmaputra	SW225	Jamalpur	31-Mar-91	11.4
Old Brahmaputra	SW225	Jamalpur	01-Apr-91	11.39
Old Brahmaputra	SW225	Jamalpur	02-Apr-91	11.38
Old Brahmaputra	SW225	Jamalpur	03-Apr-91	11.38
Old Brahmaputra	SW225	Jamalpur	04-Apr-91	11.38
Old Brahmaputra	SW225	Jamalpur	05-Apr-91	11.38
Old Brahmaputra	SW225	Jamalpur	06-Apr-91	11.38
Old Brahmaputra	SW225	Jamalpur	07-Apr-91	11.38
Old Brahmaputra	SW225	Jamalpur	08-Apr-91	11.38
Old Brahmaputra	SW225	Jamalpur	09-Apr-91	11.38
Old Brahmaputra	SW225	Jamalpur	10-Apr-91	11.38
Old Brahmaputra	SW225	Jamalpur	11-Apr-91	11.37
Old Brahmaputra	SW225	Jamalpur	12-Apr-91	11.39
Old Brahmaputra	SW225	Jamalpur	13-Apr-91	11.37
Old Brahmaputra	SW225	Jamalpur	14-Apr-91	11.37
Old Brahmaputra	SW225	Jamalpur	15-Apr-91	11.78
Old Brahmaputra	SW225	Jamalpur	16-Apr-91	11.93
Old Brahmaputra	SW225	Jamalpur	17-Apr-91	11.91
Old Brahmaputra	SW225	Jamalpur	18-Apr-91	11.89
Old Brahmaputra	SW225	Jamalpur	19-Apr-91	11.88
Old Brahmaputra	SW225	Jamalpur	20-Apr-91	11.85
Old Brahmaputra	SW225	Jamalpur	21-Apr-91	11.78
Old Brahmaputra	SW225	Jamalpur	22-Apr-91	11.69
Old Brahmaputra	SW225	Jamalpur	23-Apr-91	11.62
Old Brahmaputra	SW225	Jamalpur	24-Apr-91	11.57
Old Brahmaputra	SW225	Jamalpur	25-Apr-91	11.59
Old Brahmaputra	SW225	Jamalpur	26-Apr-91	11.66
Old Brahmaputra	SW225	Jamalpur	27-Apr-91	11.62
Old Brahmaputra	SW225	Jamalpur	28-Apr-91	11.57
Old Brahmaputra	SW225	Jamalpur	29-Apr-91	11.52
Old Brahmaputra	SW225	Jamalpur	30-Apr-91	11.47
Old Brahmaputra	SW225	Jamalpur	01-May-91	11.46
Old Brahmaputra	SW225	Jamalpur	02-May-91	11.46
Old Brahmaputra	SW225	Jamalpur	03-May-91	11.45
Old Brahmaputra	SW225	Jamalpur	04-May-91	11.44
Old Brahmaputra	SW225	Jamalpur	05-May-91	11.42
Old Brahmaputra	SW225	Jamalpur	06-May-91	11.48
Old Brahmaputra	SW225	Jamalpur	07-May-91	11.71
Old Brahmaputra	SW225	Jamalpur	08-May-91	11.79
Old Brahmaputra	SW225	Jamalpur	09-May-91	12.08
Old Brahmaputra	SW225	Jamalpur	10-May-91	12.63
Old Brahmaputra	SW225	Jamalpur	11-May-91	12.96
Old Brahmaputra	SW225	Jamalpur	12-May-91	13.17
Old Brahmaputra	SW225	Jamalpur	13-May-91	13.34
Old Brahmaputra	SW225	Jamalpur	14-May-91	13.6
Old Brahmaputra	SW225	Jamalpur	15-May-91	13.72
Old Brahmaputra	SW225	Jamalpur	16-May-91	13.74
Old Brahmaputra	SW225	Jamalpur	17-May-91	13.8

Old Brahmaputra	SW225	Jamalpur	18-May-91	13.88
Old Brahmaputra	SW225	Jamalpur	19-May-91	13.85
Old Brahmaputra	SW225	Jamalpur	20-May-91	13.77
Old Brahmaputra	SW225	Jamalpur	21-May-91	13.65
Old Brahmaputra	SW225	Jamalpur	22-May-91	13.47
Old Brahmaputra	SW225	Jamalpur	23-May-91	13.32
Old Brahmaputra	SW225	Jamalpur	24-May-91	13.25
Old Brahmaputra	SW225	Jamalpur	25-May-91	13.16
Old Brahmaputra	SW225	Jamalpur	26-May-91	14.02
Old Brahmaputra	SW225	Jamalpur	27-May-91	13.95
Old Brahmaputra	SW225	Jamalpur	28-May-91	13.65
Old Brahmaputra	SW225	Jamalpur	29-May-91	13.53
Old Brahmaputra	SW225	Jamalpur	30-May-91	13.54
Old Brahmaputra	SW225	Jamalpur	31-May-91	13.62
Old Brahmaputra	SW225	Jamalpur	01-Jun-91	13.61
Old Brahmaputra	SW225	Jamalpur	02-Jun-91	13.46
Old Brahmaputra	SW225	Jamalpur	03-Jun-91	13.38
Old Brahmaputra	SW225	Jamalpur	04-Jun-91	13.37
Old Brahmaputra	SW225	Jamalpur	05-Jun-91	13.34
Old Brahmaputra	SW225	Jamalpur	06-Jun-91	13.39
Old Brahmaputra	SW225	Jamalpur	07-Jun-91	13.5
Old Brahmaputra	SW225	Jamalpur	08-Jun-91	13.78
Old Brahmaputra	SW225	Jamalpur	09-Jun-91	14.09
Old Brahmaputra	SW225	Jamalpur	10-Jun-91	14.18
Old Brahmaputra	SW225	Jamalpur	11-Jun-91	14.06
Old Brahmaputra	SW225	Jamalpur	12-Jun-91	14
Old Brahmaputra	SW225	Jamalpur	13-Jun-91	13.99
Old Brahmaputra	SW225	Jamalpur	14-Jun-91	13.99
Old Brahmaputra	SW225	Jamalpur	15-Jun-91	14.32
Old Brahmaputra	SW225	Jamalpur	16-Jun-91	14.84
Old Brahmaputra	SW225	Jamalpur	17-Jun-91	14.99
Old Brahmaputra	SW225	Jamalpur	18-Jun-91	15.06
Old Brahmaputra	SW225	Jamalpur	19-Jun-91	15.12
Old Brahmaputra	SW225	Jamalpur	20-Jun-91	15.37
Old Brahmaputra	SW225	Jamalpur	21-Jun-91	15.68
Old Brahmaputra	SW225	Jamalpur	22-Jun-91	15.96
Old Brahmaputra	SW225	Jamalpur	23-Jun-91	16.14
Old Brahmaputra	SW225	Jamalpur	24-Jun-91	16.15
Old Brahmaputra	SW225	Jamalpur	25-Jun-91	16.07
Old Brahmaputra	SW225	Jamalpur	26-Jun-91	15.94
Old Brahmaputra	SW225	Jamalpur	27-Jun-91	15.8
Old Brahmaputra	SW225	Jamalpur	28-Jun-91	15.66
Old Brahmaputra	SW225	Jamalpur	29-Jun-91	15.49
Old Brahmaputra	SW225	Jamalpur	30-Jun-91	15.32
Old Brahmaputra	SW225	Jamalpur	01-Jul-91	15.13
Old Brahmaputra	SW225	Jamalpur	02-Jul-91	15.07
Old Brahmaputra	SW225	Jamalpur	03-Jul-91	15.04
Old Brahmaputra	SW225	Jamalpur	04-Jul-91	15.06
Old Brahmaputra	SW225	Jamalpur	05-Jul-91	15.27
Old Brahmaputra	SW225	Jamalpur	06-Jul-91	15.46

Old Brahmaputra	SW225	Jamalpur	07-Jul-91	15.85
Old Brahmaputra	SW225	Jamalpur	08-Jul-91	16.06
Old Brahmaputra	SW225	Jamalpur	09-Jul-91	16.27
Old Brahmaputra	SW225	Jamalpur	10-Jul-91	16.46
Old Brahmaputra	SW225	Jamalpur	11-Jul-91	16.61
Old Brahmaputra	SW225	Jamalpur	12-Jul-91	16.81
Old Brahmaputra	SW225	Jamalpur	13-Jul-91	16.96
Old Brahmaputra	SW225	Jamalpur	14-Jul-91	17.13
Old Brahmaputra	SW225	Jamalpur	15-Jul-91	17.2
Old Brahmaputra	SW225	Jamalpur	16-Jul-91	17.21
Old Brahmaputra	SW225	Jamalpur	17-Jul-91	17.17
Old Brahmaputra	SW225	Jamalpur	18-Jul-91	17.09
Old Brahmaputra	SW225	Jamalpur	19-Jul-91	16.94
Old Brahmaputra	SW225	Jamalpur	20-Jul-91	16.73
Old Brahmaputra	SW225	Jamalpur	21-Jul-91	16.48
Old Brahmaputra	SW225	Jamalpur	22-Jul-91	16.22
Old Brahmaputra	SW225	Jamalpur	23-Jul-91	16.05
Old Brahmaputra	SW225	Jamalpur	24-Jul-91	15.9
Old Brahmaputra	SW225	Jamalpur	25-Jul-91	15.72
Old Brahmaputra	SW225	Jamalpur	26-Jul-91	15.52
Old Brahmaputra	SW225	Jamalpur	27-Jul-91	15.33
Old Brahmaputra	SW225	Jamalpur	28-Jul-91	15.18
Old Brahmaputra	SW225	Jamalpur	29-Jul-91	15.05
Old Brahmaputra	SW225	Jamalpur	30-Jul-91	14.99
Old Brahmaputra	SW225	Jamalpur	31-Jul-91	14.94
Old Brahmaputra	SW225	Jamalpur	01-Aug-91	14.91
Old Brahmaputra	SW225	Jamalpur	02-Aug-91	14.96
Old Brahmaputra	SW225	Jamalpur	03-Aug-91	15.1
Old Brahmaputra	SW225	Jamalpur	04-Aug-91	15.25
Old Brahmaputra	SW225	Jamalpur	05-Aug-91	15.5
Old Brahmaputra	SW225	Jamalpur	06-Aug-91	15.78
Old Brahmaputra	SW225	Jamalpur	07-Aug-91	15.95
Old Brahmaputra	SW225	Jamalpur	08-Aug-91	16.05
Old Brahmaputra	SW225	Jamalpur	09-Aug-91	16.11
Old Brahmaputra	SW225	Jamalpur	10-Aug-91	16.14
Old Brahmaputra	SW225	Jamalpur	11-Aug-91	16.17
Old Brahmaputra	SW225	Jamalpur	12-Aug-91	16.19
Old Brahmaputra	SW225	Jamalpur	13-Aug-91	16.2
Old Brahmaputra	SW225	Jamalpur	14-Aug-91	16.22
Old Brahmaputra	SW225	Jamalpur	15-Aug-91	16.21
Old Brahmaputra	SW225	Jamalpur	16-Aug-91	16.17
Old Brahmaputra	SW225	Jamalpur	17-Aug-91	16.15
Old Brahmaputra	SW225	Jamalpur	18-Aug-91	16.18
Old Brahmaputra	SW225	Jamalpur	19-Aug-91	16.26
Old Brahmaputra	SW225	Jamalpur	20-Aug-91	16.3
Old Brahmaputra	SW225	Jamalpur	21-Aug-91	16.26
Old Brahmaputra	SW225	Jamalpur	22-Aug-91	16.21
Old Brahmaputra	SW225	Jamalpur	23-Aug-91	16.11
Old Brahmaputra	SW225	Jamalpur	24-Aug-91	15.97
Old Brahmaputra	SW225	Jamalpur	25-Aug-91	15.8

Old Brahmaputra	SW225	Jamalpur	26-Aug-91	15.59
Old Brahmaputra	SW225	Jamalpur	27-Aug-91	15.39
Old Brahmaputra	SW225	Jamalpur	28-Aug-91	15.28
Old Brahmaputra	SW225	Jamalpur	29-Aug-91	15.24
Old Brahmaputra	SW225	Jamalpur	30-Aug-91	15.21
Old Brahmaputra	SW225	Jamalpur	31-Aug-91	15.16
Old Brahmaputra	SW225	Jamalpur	01-Sep-91	15.11
Old Brahmaputra	SW225	Jamalpur	02-Sep-91	15.16
Old Brahmaputra	SW225	Jamalpur	03-Sep-91	15.23
Old Brahmaputra	SW225	Jamalpur	04-Sep-91	15.27
Old Brahmaputra	SW225	Jamalpur	05-Sep-91	15.34
Old Brahmaputra	SW225	Jamalpur	06-Sep-91	15.44
Old Brahmaputra	SW225	Jamalpur	07-Sep-91	15.53
Old Brahmaputra	SW225	Jamalpur	08-Sep-91	15.53
Old Brahmaputra	SW225	Jamalpur	09-Sep-91	15.57
Old Brahmaputra	SW225	Jamalpur	10-Sep-91	15.77
Old Brahmaputra	SW225	Jamalpur	11-Sep-91	16
Old Brahmaputra	SW225	Jamalpur	12-Sep-91	16.16
Old Brahmaputra	SW225	Jamalpur	13-Sep-91	16.14
Old Brahmaputra	SW225	Jamalpur	14-Sep-91	16.04
Old Brahmaputra	SW225	Jamalpur	15-Sep-91	15.87
Old Brahmaputra	SW225	Jamalpur	16-Sep-91	15.72
Old Brahmaputra	SW225	Jamalpur	17-Sep-91	15.63
Old Brahmaputra	SW225	Jamalpur	18-Sep-91	15.56
Old Brahmaputra	SW225	Jamalpur	19-Sep-91	15.48
Old Brahmaputra	SW225	Jamalpur	20-Sep-91	15.33
Old Brahmaputra	SW225	Jamalpur	21-Sep-91	15.17
Old Brahmaputra	SW225	Jamalpur	22-Sep-91	15.08
Old Brahmaputra	SW225	Jamalpur	23-Sep-91	15.02
Old Brahmaputra	SW225	Jamalpur	24-Sep-91	15.01
Old Brahmaputra	SW225	Jamalpur	25-Sep-91	15.2
Old Brahmaputra	SW225	Jamalpur	26-Sep-91	15.2
Old Brahmaputra	SW225	Jamalpur	27-Sep-91	15.17
Old Brahmaputra	SW225	Jamalpur	28-Sep-91	15.18
Old Brahmaputra	SW225	Jamalpur	29-Sep-91	15.15
Old Brahmaputra	SW225	Jamalpur	30-Sep-91	15.14
Old Brahmaputra	SW225	Jamalpur	01-Oct-91	15.16
Old Brahmaputra	SW225	Jamalpur	02-Oct-91	15.19
Old Brahmaputra	SW225	Jamalpur	03-Oct-91	15.17
Old Brahmaputra	SW225	Jamalpur	04-Oct-91	15.09
Old Brahmaputra	SW225	Jamalpur	05-Oct-91	14.96
Old Brahmaputra	SW225	Jamalpur	06-Oct-91	14.74
Old Brahmaputra	SW225	Jamalpur	07-Oct-91	14.52
Old Brahmaputra	SW225	Jamalpur	08-Oct-91	14.38
Old Brahmaputra	SW225	Jamalpur	09-Oct-91	14.27
Old Brahmaputra	SW225	Jamalpur	10-Oct-91	14.23
Old Brahmaputra	SW225	Jamalpur	11-Oct-91	14.21
Old Brahmaputra	SW225	Jamalpur	12-Oct-91	14.13
Old Brahmaputra	SW225	Jamalpur	13-Oct-91	14.05
Old Brahmaputra	SW225	Jamalpur	14-Oct-91	14.09

Old Brahmaputra	SW225	Jamalpur	15-Oct-91	14.04
Old Brahmaputra	SW225	Jamalpur	16-Oct-91	14
Old Brahmaputra	SW225	Jamalpur	17-Oct-91	14.04
Old Brahmaputra	SW225	Jamalpur	18-Oct-91	14.2
Old Brahmaputra	SW225	Jamalpur	19-Oct-91	14.29
Old Brahmaputra	SW225	Jamalpur	20-Oct-91	14.28
Old Brahmaputra	SW225	Jamalpur	21-Oct-91	14.24
Old Brahmaputra	SW225	Jamalpur	22-Oct-91	14.19
Old Brahmaputra	SW225	Jamalpur	23-Oct-91	14.09
Old Brahmaputra	SW225	Jamalpur	24-Oct-91	13.98
Old Brahmaputra	SW225	Jamalpur	25-Oct-91	13.88
Old Brahmaputra	SW225	Jamalpur	26-Oct-91	13.8
Old Brahmaputra	SW225	Jamalpur	27-Oct-91	13.69
Old Brahmaputra	SW225	Jamalpur	28-Oct-91	13.58
Old Brahmaputra	SW225	Jamalpur	29-Oct-91	13.46
Old Brahmaputra	SW225	Jamalpur	30-Oct-91	13.37
Old Brahmaputra	SW225	Jamalpur	31-Oct-91	13.28
Old Brahmaputra	SW225	Jamalpur	01-Nov-91	13.19
Old Brahmaputra	SW225	Jamalpur	02-Nov-91	13.11
Old Brahmaputra	SW225	Jamalpur	03-Nov-91	13.04
Old Brahmaputra	SW225	Jamalpur	04-Nov-91	12.98
Old Brahmaputra	SW225	Jamalpur	05-Nov-91	12.92
Old Brahmaputra	SW225	Jamalpur	06-Nov-91	12.86
Old Brahmaputra	SW225	Jamalpur	07-Nov-91	12.81
Old Brahmaputra	SW225	Jamalpur	08-Nov-91	12.76
Old Brahmaputra	SW225	Jamalpur	09-Nov-91	12.72
Old Brahmaputra	SW225	Jamalpur	10-Nov-91	12.68
Old Brahmaputra	SW225	Jamalpur	11-Nov-91	12.64
Old Brahmaputra	SW225	Jamalpur	12-Nov-91	12.61
Old Brahmaputra	SW225	Jamalpur	13-Nov-91	12.57
Old Brahmaputra	SW225	Jamalpur	14-Nov-91	12.54
Old Brahmaputra	SW225	Jamalpur	15-Nov-91	12.51
Old Brahmaputra	SW225	Jamalpur	16-Nov-91	12.48
Old Brahmaputra	SW225	Jamalpur	17-Nov-91	12.44
Old Brahmaputra	SW225	Jamalpur	18-Nov-91	12.42
Old Brahmaputra	SW225	Jamalpur	19-Nov-91	12.39
Old Brahmaputra	SW225	Jamalpur	20-Nov-91	12.36
Old Brahmaputra	SW225	Jamalpur	21-Nov-91	12.34
Old Brahmaputra	SW225	Jamalpur	22-Nov-91	12.32
Old Brahmaputra	SW225	Jamalpur	23-Nov-91	12.29
Old Brahmaputra	SW225	Jamalpur	24-Nov-91	12.27
Old Brahmaputra	SW225	Jamalpur	25-Nov-91	12.25
Old Brahmaputra	SW225	Jamalpur	26-Nov-91	12.24
Old Brahmaputra	SW225	Jamalpur	27-Nov-91	12.22
Old Brahmaputra	SW225	Jamalpur	28-Nov-91	12.21
Old Brahmaputra	SW225	Jamalpur	29-Nov-91	12.2
Old Brahmaputra	SW225	Jamalpur	30-Nov-91	12.19
Old Brahmaputra	SW225	Jamalpur	01-Dec-91	12.18
Old Brahmaputra	SW225	Jamalpur	02-Dec-91	12.17
Old Brahmaputra	SW225	Jamalpur	03-Dec-91	12.17

Old Brahmaputra	SW225	Jamalpur	04-Dec-91	12.16
Old Brahmaputra	SW225	Jamalpur	05-Dec-91	12.14
Old Brahmaputra	SW225	Jamalpur	06-Dec-91	12.14
Old Brahmaputra	SW225	Jamalpur	07-Dec-91	12.13
Old Brahmaputra	SW225	Jamalpur	08-Dec-91	12.13
Old Brahmaputra	SW225	Jamalpur	09-Dec-91	12.12
Old Brahmaputra	SW225	Jamalpur	10-Dec-91	12.12
Old Brahmaputra	SW225	Jamalpur	11-Dec-91	12.1
Old Brahmaputra	SW225	Jamalpur	12-Dec-91	12.09
Old Brahmaputra	SW225	Jamalpur	13-Dec-91	12.09
Old Brahmaputra	SW225	Jamalpur	14-Dec-91	12.08
Old Brahmaputra	SW225	Jamalpur	15-Dec-91	12.07
Old Brahmaputra	SW225	Jamalpur	16-Dec-91	12.06
Old Brahmaputra	SW225	Jamalpur	17-Dec-91	12.06
Old Brahmaputra	SW225	Jamalpur	18-Dec-91	12.05
Old Brahmaputra	SW225	Jamalpur	19-Dec-91	12.05
Old Brahmaputra	SW225	Jamalpur	20-Dec-91	12.05
Old Brahmaputra	SW225	Jamalpur	21-Dec-91	12.04
Old Brahmaputra	SW225	Jamalpur	22-Dec-91	12.03
Old Brahmaputra	SW225	Jamalpur	23-Dec-91	12.03
Old Brahmaputra	SW225	Jamalpur	24-Dec-91	12.03
Old Brahmaputra	SW225	Jamalpur	25-Dec-91	12.13
Old Brahmaputra	SW225	Jamalpur	26-Dec-91	12.11
Old Brahmaputra	SW225	Jamalpur	27-Dec-91	12.12
Old Brahmaputra	SW225	Jamalpur	28-Dec-91	12.1
Old Brahmaputra	SW225	Jamalpur	29-Dec-91	12.1
Old Brahmaputra	SW225	Jamalpur	30-Dec-91	12.08
Old Brahmaputra	SW225	Jamalpur	31-Dec-91	12.06
Old Brahmaputra	SW225	Jamalpur	01-Jan-92	12.04
Old Brahmaputra	SW225	Jamalpur	02-Jan-92	12.03
Old Brahmaputra	SW225	Jamalpur	03-Jan-92	12.02
Old Brahmaputra	SW225	Jamalpur	04-Jan-92	12.01
Old Brahmaputra	SW225	Jamalpur	05-Jan-92	12
Old Brahmaputra	SW225	Jamalpur	06-Jan-92	12
Old Brahmaputra	SW225	Jamalpur	07-Jan-92	11.98
Old Brahmaputra	SW225	Jamalpur	08-Jan-92	11.96
Old Brahmaputra	SW225	Jamalpur	09-Jan-92	11.95
Old Brahmaputra	SW225	Jamalpur	10-Jan-92	11.93
Old Brahmaputra	SW225	Jamalpur	11-Jan-92	11.91
Old Brahmaputra	SW225	Jamalpur	12-Jan-92	11.89
Old Brahmaputra	SW225	Jamalpur	13-Jan-92	11.88
Old Brahmaputra	SW225	Jamalpur	14-Jan-92	11.88
Old Brahmaputra	SW225	Jamalpur	15-Jan-92	11.88
Old Brahmaputra	SW225	Jamalpur	16-Jan-92	11.88
Old Brahmaputra	SW225	Jamalpur	17-Jan-92	11.87
Old Brahmaputra	SW225	Jamalpur	18-Jan-92	11.86
Old Brahmaputra	SW225	Jamalpur	19-Jan-92	11.85
Old Brahmaputra	SW225	Jamalpur	20-Jan-92	11.85
Old Brahmaputra	SW225	Jamalpur	21-Jan-92	11.84
Old Brahmaputra	SW225	Jamalpur	22-Jan-92	11.84

Old Brahmaputra	SW225	Jamalpur	23-Jan-92	11.83
Old Brahmaputra	SW225	Jamalpur	24-Jan-92	11.83
Old Brahmaputra	SW225	Jamalpur	25-Jan-92	11.82
Old Brahmaputra	SW225	Jamalpur	26-Jan-92	11.82
Old Brahmaputra	SW225	Jamalpur	27-Jan-92	11.81
Old Brahmaputra	SW225	Jamalpur	28-Jan-92	11.81
Old Brahmaputra	SW225	Jamalpur	29-Jan-92	11.8
Old Brahmaputra	SW225	Jamalpur	30-Jan-92	11.8
Old Brahmaputra	SW225	Jamalpur	31-Jan-92	11.79
Old Brahmaputra	SW225	Jamalpur	01-Feb-92	11.8
Old Brahmaputra	SW225	Jamalpur	02-Feb-92	11.8
Old Brahmaputra	SW225	Jamalpur	03-Feb-92	11.79
Old Brahmaputra	SW225	Jamalpur	04-Feb-92	11.79
Old Brahmaputra	SW225	Jamalpur	05-Feb-92	11.78
Old Brahmaputra	SW225	Jamalpur	06-Feb-92	11.78
Old Brahmaputra	SW225	Jamalpur	07-Feb-92	11.77
Old Brahmaputra	SW225	Jamalpur	08-Feb-92	11.77
Old Brahmaputra	SW225	Jamalpur	09-Feb-92	11.76
Old Brahmaputra	SW225	Jamalpur	10-Feb-92	11.76
Old Brahmaputra	SW225	Jamalpur	11-Feb-92	11.75
Old Brahmaputra	SW225	Jamalpur	12-Feb-92	11.74
Old Brahmaputra	SW225	Jamalpur	13-Feb-92	11.73
Old Brahmaputra	SW225	Jamalpur	14-Feb-92	11.73
Old Brahmaputra	SW225	Jamalpur	15-Feb-92	11.72
Old Brahmaputra	SW225	Jamalpur	16-Feb-92	11.71
Old Brahmaputra	SW225	Jamalpur	17-Feb-92	11.71
Old Brahmaputra	SW225	Jamalpur	18-Feb-92	11.7
Old Brahmaputra	SW225	Jamalpur	19-Feb-92	11.69
Old Brahmaputra	SW225	Jamalpur	20-Feb-92	11.68
Old Brahmaputra	SW225	Jamalpur	21-Feb-92	11.68
Old Brahmaputra	SW225	Jamalpur	22-Feb-92	11.69
Old Brahmaputra	SW225	Jamalpur	23-Feb-92	11.68
Old Brahmaputra	SW225	Jamalpur	24-Feb-92	11.68
Old Brahmaputra	SW225	Jamalpur	25-Feb-92	11.66
Old Brahmaputra	SW225	Jamalpur	26-Feb-92	11.66
Old Brahmaputra	SW225	Jamalpur	27-Feb-92	11.66
Old Brahmaputra	SW225	Jamalpur	28-Feb-92	11.66
Old Brahmaputra	SW225	Jamalpur	29-Feb-92	11.66
Old Brahmaputra	SW225	Jamalpur	01-Mar-92	11.66
Old Brahmaputra	SW225	Jamalpur	02-Mar-92	11.65
Old Brahmaputra	SW225	Jamalpur	03-Mar-92	11.65
Old Brahmaputra	SW225	Jamalpur	04-Mar-92	11.63
Old Brahmaputra	SW225	Jamalpur	05-Mar-92	11.63
Old Brahmaputra	SW225	Jamalpur	06-Mar-92	11.62
Old Brahmaputra	SW225	Jamalpur	07-Mar-92	11.62
Old Brahmaputra	SW225	Jamalpur	08-Mar-92	11.61
Old Brahmaputra	SW225	Jamalpur	09-Mar-92	11.6
Old Brahmaputra	SW225	Jamalpur	10-Mar-92	11.6
Old Brahmaputra	SW225	Jamalpur	11-Mar-92	11.6
Old Brahmaputra	SW225	Jamalpur	12-Mar-92	11.59

Old Brahmaputra	SW225	Jamalpur	13-Mar-92	11.59
Old Brahmaputra	SW225	Jamalpur	14-Mar-92	11.59
Old Brahmaputra	SW225	Jamalpur	15-Mar-92	11.59
Old Brahmaputra	SW225	Jamalpur	16-Mar-92	11.58
Old Brahmaputra	SW225	Jamalpur	17-Mar-92	11.58
Old Brahmaputra	SW225	Jamalpur	18-Mar-92	11.57
Old Brahmaputra	SW225	Jamalpur	19-Mar-92	11.57
Old Brahmaputra	SW225	Jamalpur	20-Mar-92	11.57
Old Brahmaputra	SW225	Jamalpur	21-Mar-92	11.59
Old Brahmaputra	SW225	Jamalpur	22-Mar-92	11.6
Old Brahmaputra	SW225	Jamalpur	23-Mar-92	11.59
Old Brahmaputra	SW225	Jamalpur	24-Mar-92	11.58
Old Brahmaputra	SW225	Jamalpur	25-Mar-92	11.58
Old Brahmaputra	SW225	Jamalpur	26-Mar-92	11.59
Old Brahmaputra	SW225	Jamalpur	27-Mar-92	11.59
Old Brahmaputra	SW225	Jamalpur	28-Mar-92	11.6
Old Brahmaputra	SW225	Jamalpur	29-Mar-92	11.59
Old Brahmaputra	SW225	Jamalpur	30-Mar-92	11.57
Old Brahmaputra	SW225	Jamalpur	31-Mar-92	11.56
Old Brahmaputra	SW225	Jamalpur	01-Apr-92	11.62
Old Brahmaputra	SW225	Jamalpur	02-Apr-92	11.84
Old Brahmaputra	SW225	Jamalpur	03-Apr-92	11.89
Old Brahmaputra	SW225	Jamalpur	04-Apr-92	11.87
Old Brahmaputra	SW225	Jamalpur	05-Apr-92	11.85
Old Brahmaputra	SW225	Jamalpur	06-Apr-92	11.84
Old Brahmaputra	SW225	Jamalpur	07-Apr-92	11.87
Old Brahmaputra	SW225	Jamalpur	08-Apr-92	11.93
Old Brahmaputra	SW225	Jamalpur	09-Apr-92	11.96
Old Brahmaputra	SW225	Jamalpur	10-Apr-92	11.94
Old Brahmaputra	SW225	Jamalpur	11-Apr-92	11.9
Old Brahmaputra	SW225	Jamalpur	12-Apr-92	11.85
Old Brahmaputra	SW225	Jamalpur	13-Apr-92	11.8
Old Brahmaputra	SW225	Jamalpur	14-Apr-92	11.76
Old Brahmaputra	SW225	Jamalpur	15-Apr-92	11.74
Old Brahmaputra	SW225	Jamalpur	16-Apr-92	11.73
Old Brahmaputra	SW225	Jamalpur	17-Apr-92	11.73
Old Brahmaputra	SW225	Jamalpur	18-Apr-92	11.72
Old Brahmaputra	SW225	Jamalpur	19-Apr-92	11.71
Old Brahmaputra	SW225	Jamalpur	20-Apr-92	11.8
Old Brahmaputra	SW225	Jamalpur	21-Apr-92	12.08
Old Brahmaputra	SW225	Jamalpur	22-Apr-92	12.45
Old Brahmaputra	SW225	Jamalpur	23-Apr-92	12.6
Old Brahmaputra	SW225	Jamalpur	24-Apr-92	12.6
Old Brahmaputra	SW225	Jamalpur	25-Apr-92	12.52
Old Brahmaputra	SW225	Jamalpur	26-Apr-92	12.45
Old Brahmaputra	SW225	Jamalpur	27-Apr-92	12.38
Old Brahmaputra	SW225	Jamalpur	28-Apr-92	12.33
Old Brahmaputra	SW225	Jamalpur	29-Apr-92	12.26
Old Brahmaputra	SW225	Jamalpur	30-Apr-92	12.25
Old Brahmaputra	SW225	Jamalpur	01-May-92	12.31

Old Brahmaputra	SW225	Jamalpur	02-May-92	12.4
Old Brahmaputra	SW225	Jamalpur	03-May-92	12.43
Old Brahmaputra	SW225	Jamalpur	04-May-92	12.38
Old Brahmaputra	SW225	Jamalpur	05-May-92	12.32
Old Brahmaputra	SW225	Jamalpur	06-May-92	12.26
Old Brahmaputra	SW225	Jamalpur	07-May-92	12.24
Old Brahmaputra	SW225	Jamalpur	08-May-92	12.2
Old Brahmaputra	SW225	Jamalpur	09-May-92	12.2
Old Brahmaputra	SW225	Jamalpur	10-May-92	12.19
Old Brahmaputra	SW225	Jamalpur	11-May-92	12.27
Old Brahmaputra	SW225	Jamalpur	12-May-92	12.26
Old Brahmaputra	SW225	Jamalpur	13-May-92	12.25
Old Brahmaputra	SW225	Jamalpur	14-May-92	12.28
Old Brahmaputra	SW225	Jamalpur	15-May-92	12.3
Old Brahmaputra	SW225	Jamalpur	16-May-92	12.3
Old Brahmaputra	SW225	Jamalpur	17-May-92	12.31
Old Brahmaputra	SW225	Jamalpur	18-May-92	12.36
Old Brahmaputra	SW225	Jamalpur	19-May-92	12.45
Old Brahmaputra	SW225	Jamalpur	20-May-92	12.5
Old Brahmaputra	SW225	Jamalpur	21-May-92	12.56
Old Brahmaputra	SW225	Jamalpur	22-May-92	12.59
Old Brahmaputra	SW225	Jamalpur	23-May-92	12.64
Old Brahmaputra	SW225	Jamalpur	24-May-92	12.88
Old Brahmaputra	SW225	Jamalpur	25-May-92	13.17
Old Brahmaputra	SW225	Jamalpur	26-May-92	13.26
Old Brahmaputra	SW225	Jamalpur	27-May-92	13.19
Old Brahmaputra	SW225	Jamalpur	28-May-92	13.09
Old Brahmaputra	SW225	Jamalpur	29-May-92	12.96
Old Brahmaputra	SW225	Jamalpur	30-May-92	12.84
Old Brahmaputra	SW225	Jamalpur	31-May-92	12.75
Old Brahmaputra	SW225	Jamalpur	01-Jun-92	12.66
Old Brahmaputra	SW225	Jamalpur	02-Jun-92	12.59
Old Brahmaputra	SW225	Jamalpur	03-Jun-92	12.56
Old Brahmaputra	SW225	Jamalpur	04-Jun-92	12.55
Old Brahmaputra	SW225	Jamalpur	05-Jun-92	12.51
Old Brahmaputra	SW225	Jamalpur	06-Jun-92	12.5
Old Brahmaputra	SW225	Jamalpur	07-Jun-92	12.54
Old Brahmaputra	SW225	Jamalpur	08-Jun-92	12.78
Old Brahmaputra	SW225	Jamalpur	09-Jun-92	12.84
Old Brahmaputra	SW225	Jamalpur	10-Jun-92	12.89
Old Brahmaputra	SW225	Jamalpur	11-Jun-92	12.9
Old Brahmaputra	SW225	Jamalpur	12-Jun-92	12.94
Old Brahmaputra	SW225	Jamalpur	13-Jun-92	13.08
Old Brahmaputra	SW225	Jamalpur	14-Jun-92	13.02
Old Brahmaputra	SW225	Jamalpur	15-Jun-92	13
Old Brahmaputra	SW225	Jamalpur	16-Jun-92	12.97
Old Brahmaputra	SW225	Jamalpur	17-Jun-92	12.95
Old Brahmaputra	SW225	Jamalpur	18-Jun-92	12.96
Old Brahmaputra	SW225	Jamalpur	19-Jun-92	12.99
Old Brahmaputra	SW225	Jamalpur	20-Jun-92	13.04

Old Brahmaputra	SW225	Jamalpur	21-Jun-92	13.09
Old Brahmaputra	SW225	Jamalpur	22-Jun-92	13.08
Old Brahmaputra	SW225	Jamalpur	23-Jun-92	13.06
Old Brahmaputra	SW225	Jamalpur	24-Jun-92	13.09
Old Brahmaputra	SW225	Jamalpur	25-Jun-92	13.23
Old Brahmaputra	SW225	Jamalpur	26-Jun-92	13.76
Old Brahmaputra	SW225	Jamalpur	27-Jun-92	14.35
Old Brahmaputra	SW225	Jamalpur	28-Jun-92	14.83
Old Brahmaputra	SW225	Jamalpur	29-Jun-92	15.24
Old Brahmaputra	SW225	Jamalpur	30-Jun-92	15.53
Old Brahmaputra	SW225	Jamalpur	01-Jul-92	15.7
Old Brahmaputra	SW225	Jamalpur	02-Jul-92	15.79
Old Brahmaputra	SW225	Jamalpur	03-Jul-92	15.7
Old Brahmaputra	SW225	Jamalpur	04-Jul-92	15.52
Old Brahmaputra	SW225	Jamalpur	05-Jul-92	15.37
Old Brahmaputra	SW225	Jamalpur	06-Jul-92	15.25
Old Brahmaputra	SW225	Jamalpur	07-Jul-92	15.16
Old Brahmaputra	SW225	Jamalpur	08-Jul-92	15.11
Old Brahmaputra	SW225	Jamalpur	09-Jul-92	15.15
Old Brahmaputra	SW225	Jamalpur	10-Jul-92	15.22
Old Brahmaputra	SW225	Jamalpur	11-Jul-92	15.28
Old Brahmaputra	SW225	Jamalpur	12-Jul-92	15.27
Old Brahmaputra	SW225	Jamalpur	13-Jul-92	15.3
Old Brahmaputra	SW225	Jamalpur	14-Jul-92	15.3
Old Brahmaputra	SW225	Jamalpur	15-Jul-92	15.3
Old Brahmaputra	SW225	Jamalpur	16-Jul-92	15.26
Old Brahmaputra	SW225	Jamalpur	17-Jul-92	15.25
Old Brahmaputra	SW225	Jamalpur	18-Jul-92	15.24
Old Brahmaputra	SW225	Jamalpur	19-Jul-92	15.31
Old Brahmaputra	SW225	Jamalpur	20-Jul-92	15.38
Old Brahmaputra	SW225	Jamalpur	21-Jul-92	15.41
Old Brahmaputra	SW225	Jamalpur	22-Jul-92	15.34
Old Brahmaputra	SW225	Jamalpur	23-Jul-92	15.23
Old Brahmaputra	SW225	Jamalpur	24-Jul-92	15.13
Old Brahmaputra	SW225	Jamalpur	25-Jul-92	15.04
Old Brahmaputra	SW225	Jamalpur	26-Jul-92	15
Old Brahmaputra	SW225	Jamalpur	27-Jul-92	14.95
Old Brahmaputra	SW225	Jamalpur	28-Jul-92	14.91
Old Brahmaputra	SW225	Jamalpur	29-Jul-92	14.87
Old Brahmaputra	SW225	Jamalpur	30-Jul-92	14.83
Old Brahmaputra	SW225	Jamalpur	31-Jul-92	14.75
Old Brahmaputra	SW225	Jamalpur	01-Aug-92	14.73
Old Brahmaputra	SW225	Jamalpur	02-Aug-92	14.7
Old Brahmaputra	SW225	Jamalpur	03-Aug-92	14.71
Old Brahmaputra	SW225	Jamalpur	04-Aug-92	14.73
Old Brahmaputra	SW225	Jamalpur	05-Aug-92	14.73
Old Brahmaputra	SW225	Jamalpur	06-Aug-92	14.84
Old Brahmaputra	SW225	Jamalpur	07-Aug-92	15.09
Old Brahmaputra	SW225	Jamalpur	08-Aug-92	15.12
Old Brahmaputra	SW225	Jamalpur	09-Aug-92	15.06

Old Brahmaputra	SW225	Jamalpur	10-Aug-92	14.97
Old Brahmaputra	SW225	Jamalpur	11-Aug-92	14.84
Old Brahmaputra	SW225	Jamalpur	12-Aug-92	14.69
Old Brahmaputra	SW225	Jamalpur	13-Aug-92	14.52
Old Brahmaputra	SW225	Jamalpur	14-Aug-92	14.4
Old Brahmaputra	SW225	Jamalpur	15-Aug-92	14.31
Old Brahmaputra	SW225	Jamalpur	16-Aug-92	14.2
Old Brahmaputra	SW225	Jamalpur	17-Aug-92	14.11
Old Brahmaputra	SW225	Jamalpur	18-Aug-92	14.04
Old Brahmaputra	SW225	Jamalpur	19-Aug-92	13.94
Old Brahmaputra	SW225	Jamalpur	20-Aug-92	13.92
Old Brahmaputra	SW225	Jamalpur	21-Aug-92	13.94
Old Brahmaputra	SW225	Jamalpur	22-Aug-92	13.95
Old Brahmaputra	SW225	Jamalpur	23-Aug-92	13.98
Old Brahmaputra	SW225	Jamalpur	24-Aug-92	14.06
Old Brahmaputra	SW225	Jamalpur	25-Aug-92	14.18
Old Brahmaputra	SW225	Jamalpur	26-Aug-92	14.26
Old Brahmaputra	SW225	Jamalpur	27-Aug-92	14.38
Old Brahmaputra	SW225	Jamalpur	28-Aug-92	14.51
Old Brahmaputra	SW225	Jamalpur	29-Aug-92	14.68
Old Brahmaputra	SW225	Jamalpur	30-Aug-92	14.78
Old Brahmaputra	SW225	Jamalpur	31-Aug-92	14.86
Old Brahmaputra	SW225	Jamalpur	01-Sep-92	14.87
Old Brahmaputra	SW225	Jamalpur	02-Sep-92	14.8
Old Brahmaputra	SW225	Jamalpur	03-Sep-92	14.71
Old Brahmaputra	SW225	Jamalpur	04-Sep-92	14.58
Old Brahmaputra	SW225	Jamalpur	05-Sep-92	14.43
Old Brahmaputra	SW225	Jamalpur	06-Sep-92	14.26
Old Brahmaputra	SW225	Jamalpur	07-Sep-92	14.13
Old Brahmaputra	SW225	Jamalpur	08-Sep-92	14.02
Old Brahmaputra	SW225	Jamalpur	09-Sep-92	13.96
Old Brahmaputra	SW225	Jamalpur	10-Sep-92	13.91
Old Brahmaputra	SW225	Jamalpur	11-Sep-92	13.88
Old Brahmaputra	SW225	Jamalpur	12-Sep-92	13.85
Old Brahmaputra	SW225	Jamalpur	13-Sep-92	13.83
Old Brahmaputra	SW225	Jamalpur	14-Sep-92	13.8
Old Brahmaputra	SW225	Jamalpur	15-Sep-92	13.89
Old Brahmaputra	SW225	Jamalpur	16-Sep-92	13.94
Old Brahmaputra	SW225	Jamalpur	17-Sep-92	13.94
Old Brahmaputra	SW225	Jamalpur	18-Sep-92	14
Old Brahmaputra	SW225	Jamalpur	19-Sep-92	14.19
Old Brahmaputra	SW225	Jamalpur	20-Sep-92	14.33
Old Brahmaputra	SW225	Jamalpur	21-Sep-92	14.38
Old Brahmaputra	SW225	Jamalpur	22-Sep-92	14.38
Old Brahmaputra	SW225	Jamalpur	23-Sep-92	14.27
Old Brahmaputra	SW225	Jamalpur	24-Sep-92	14.09
Old Brahmaputra	SW225	Jamalpur	25-Sep-92	13.87
Old Brahmaputra	SW225	Jamalpur	26-Sep-92	13.8
Old Brahmaputra	SW225	Jamalpur	27-Sep-92	13.74
Old Brahmaputra	SW225	Jamalpur	28-Sep-92	14.06

Old Brahmaputra	SW225	Jamalpur	29-Sep-92	14.25
Old Brahmaputra	SW225	Jamalpur	30-Sep-92	14.08
Old Brahmaputra	SW225	Jamalpur	01-Oct-92	13.94
Old Brahmaputra	SW225	Jamalpur	02-Oct-92	13.83
Old Brahmaputra	SW225	Jamalpur	03-Oct-92	13.76
Old Brahmaputra	SW225	Jamalpur	04-Oct-92	13.82
Old Brahmaputra	SW225	Jamalpur	05-Oct-92	13.83
Old Brahmaputra	SW225	Jamalpur	06-Oct-92	13.7
Old Brahmaputra	SW225	Jamalpur	07-Oct-92	13.53
Old Brahmaputra	SW225	Jamalpur	08-Oct-92	13.38
Old Brahmaputra	SW225	Jamalpur	09-Oct-92	13.26
Old Brahmaputra	SW225	Jamalpur	10-Oct-92	13.16
Old Brahmaputra	SW225	Jamalpur	11-Oct-92	13.1
Old Brahmaputra	SW225	Jamalpur	12-Oct-92	13.03
Old Brahmaputra	SW225	Jamalpur	13-Oct-92	13.02
Old Brahmaputra	SW225	Jamalpur	14-Oct-92	13.06
Old Brahmaputra	SW225	Jamalpur	15-Oct-92	13.03
Old Brahmaputra	SW225	Jamalpur	16-Oct-92	13.05
Old Brahmaputra	SW225	Jamalpur	17-Oct-92	12.99
Old Brahmaputra	SW225	Jamalpur	18-Oct-92	12.97
Old Brahmaputra	SW225	Jamalpur	19-Oct-92	12.94
Old Brahmaputra	SW225	Jamalpur	20-Oct-92	12.94
Old Brahmaputra	SW225	Jamalpur	21-Oct-92	13.03
Old Brahmaputra	SW225	Jamalpur	22-Oct-92	13.1
Old Brahmaputra	SW225	Jamalpur	23-Oct-92	13.11
Old Brahmaputra	SW225	Jamalpur	24-Oct-92	13.06
Old Brahmaputra	SW225	Jamalpur	25-Oct-92	12.98
Old Brahmaputra	SW225	Jamalpur	26-Oct-92	12.9
Old Brahmaputra	SW225	Jamalpur	27-Oct-92	12.83
Old Brahmaputra	SW225	Jamalpur	28-Oct-92	12.75
Old Brahmaputra	SW225	Jamalpur	29-Oct-92	12.67
Old Brahmaputra	SW225	Jamalpur	30-Oct-92	12.6
Old Brahmaputra	SW225	Jamalpur	31-Oct-92	12.53
Old Brahmaputra	SW225	Jamalpur	01-Nov-92	12.47
Old Brahmaputra	SW225	Jamalpur	02-Nov-92	12.42
Old Brahmaputra	SW225	Jamalpur	03-Nov-92	12.37
Old Brahmaputra	SW225	Jamalpur	04-Nov-92	12.32
Old Brahmaputra	SW225	Jamalpur	05-Nov-92	12.28
Old Brahmaputra	SW225	Jamalpur	06-Nov-92	12.25
Old Brahmaputra	SW225	Jamalpur	07-Nov-92	12.22
Old Brahmaputra	SW225	Jamalpur	08-Nov-92	12.19
Old Brahmaputra	SW225	Jamalpur	09-Nov-92	12.16
Old Brahmaputra	SW225	Jamalpur	10-Nov-92	12.14
Old Brahmaputra	SW225	Jamalpur	11-Nov-92	12.11
Old Brahmaputra	SW225	Jamalpur	12-Nov-92	12.09
Old Brahmaputra	SW225	Jamalpur	13-Nov-92	12.08
Old Brahmaputra	SW225	Jamalpur	14-Nov-92	12.07
Old Brahmaputra	SW225	Jamalpur	15-Nov-92	12.05
Old Brahmaputra	SW225	Jamalpur	16-Nov-92	12.04
Old Brahmaputra	SW225	Jamalpur	17-Nov-92	12.03

Old Brahmaputra	SW225	Jamalpur	18-Nov-92	12.02
Old Brahmaputra	SW225	Jamalpur	19-Nov-92	12.01
Old Brahmaputra	SW225	Jamalpur	20-Nov-92	12
Old Brahmaputra	SW225	Jamalpur	21-Nov-92	11.99
Old Brahmaputra	SW225	Jamalpur	22-Nov-92	11.98
Old Brahmaputra	SW225	Jamalpur	23-Nov-92	11.97
Old Brahmaputra	SW225	Jamalpur	24-Nov-92	11.98
Old Brahmaputra	SW225	Jamalpur	25-Nov-92	11.97
Old Brahmaputra	SW225	Jamalpur	26-Nov-92	11.96
Old Brahmaputra	SW225	Jamalpur	27-Nov-92	11.95
Old Brahmaputra	SW225	Jamalpur	28-Nov-92	11.94
Old Brahmaputra	SW225	Jamalpur	29-Nov-92	11.93
Old Brahmaputra	SW225	Jamalpur	30-Nov-92	11.92
Old Brahmaputra	SW225	Jamalpur	01-Dec-92	11.92
Old Brahmaputra	SW225	Jamalpur	02-Dec-92	11.91
Old Brahmaputra	SW225	Jamalpur	03-Dec-92	11.9
Old Brahmaputra	SW225	Jamalpur	04-Dec-92	11.9
Old Brahmaputra	SW225	Jamalpur	05-Dec-92	11.89
Old Brahmaputra	SW225	Jamalpur	06-Dec-92	11.89
Old Brahmaputra	SW225	Jamalpur	07-Dec-92	11.88
Old Brahmaputra	SW225	Jamalpur	08-Dec-92	11.88
Old Brahmaputra	SW225	Jamalpur	09-Dec-92	11.87
Old Brahmaputra	SW225	Jamalpur	10-Dec-92	11.87
Old Brahmaputra	SW225	Jamalpur	11-Dec-92	11.86
Old Brahmaputra	SW225	Jamalpur	12-Dec-92	11.85
Old Brahmaputra	SW225	Jamalpur	13-Dec-92	11.84
Old Brahmaputra	SW225	Jamalpur	14-Dec-92	11.83
Old Brahmaputra	SW225	Jamalpur	15-Dec-92	11.83
Old Brahmaputra	SW225	Jamalpur	16-Dec-92	11.83
Old Brahmaputra	SW225	Jamalpur	17-Dec-92	11.82
Old Brahmaputra	SW225	Jamalpur	18-Dec-92	11.82
Old Brahmaputra	SW225	Jamalpur	19-Dec-92	11.81
Old Brahmaputra	SW225	Jamalpur	20-Dec-92	11.81
Old Brahmaputra	SW225	Jamalpur	21-Dec-92	11.8
Old Brahmaputra	SW225	Jamalpur	22-Dec-92	11.8
Old Brahmaputra	SW225	Jamalpur	23-Dec-92	11.79
Old Brahmaputra	SW225	Jamalpur	24-Dec-92	11.78
Old Brahmaputra	SW225	Jamalpur	25-Dec-92	11.78
Old Brahmaputra	SW225	Jamalpur	26-Dec-92	11.78
Old Brahmaputra	SW225	Jamalpur	27-Dec-92	11.77
Old Brahmaputra	SW225	Jamalpur	28-Dec-92	11.77
Old Brahmaputra	SW225	Jamalpur	29-Dec-92	11.77
Old Brahmaputra	SW225	Jamalpur	30-Dec-92	11.76
Old Brahmaputra	SW225	Jamalpur	31-Dec-92	11.76
Old Brahmaputra	SW225	Jamalpur	01-Jan-93	11.75
Old Brahmaputra	SW225	Jamalpur	02-Jan-93	11.75
Old Brahmaputra	SW225	Jamalpur	03-Jan-93	11.75
Old Brahmaputra	SW225	Jamalpur	04-Jan-93	11.74
Old Brahmaputra	SW225	Jamalpur	05-Jan-93	11.74
Old Brahmaputra	SW225	Jamalpur	06-Jan-93	11.73

Old Brahmaputra	SW225	Jamalpur	07-Jan-93	11.73
Old Brahmaputra	SW225	Jamalpur	08-Jan-93	11.78
Old Brahmaputra	SW225	Jamalpur	09-Jan-93	11.83
Old Brahmaputra	SW225	Jamalpur	10-Jan-93	11.88
Old Brahmaputra	SW225	Jamalpur	11-Jan-93	11.92
Old Brahmaputra	SW225	Jamalpur	12-Jan-93	11.93
Old Brahmaputra	SW225	Jamalpur	13-Jan-93	11.89
Old Brahmaputra	SW225	Jamalpur	14-Jan-93	11.85
Old Brahmaputra	SW225	Jamalpur	15-Jan-93	11.82
Old Brahmaputra	SW225	Jamalpur	16-Jan-93	11.8
Old Brahmaputra	SW225	Jamalpur	17-Jan-93	11.78
Old Brahmaputra	SW225	Jamalpur	18-Jan-93	11.76
Old Brahmaputra	SW225	Jamalpur	19-Jan-93	11.74
Old Brahmaputra	SW225	Jamalpur	20-Jan-93	11.73
Old Brahmaputra	SW225	Jamalpur	21-Jan-93	11.73
Old Brahmaputra	SW225	Jamalpur	22-Jan-93	11.72
Old Brahmaputra	SW225	Jamalpur	23-Jan-93	11.71
Old Brahmaputra	SW225	Jamalpur	24-Jan-93	11.7
Old Brahmaputra	SW225	Jamalpur	25-Jan-93	11.69
Old Brahmaputra	SW225	Jamalpur	26-Jan-93	11.68
Old Brahmaputra	SW225	Jamalpur	27-Jan-93	11.67
Old Brahmaputra	SW225	Jamalpur	28-Jan-93	11.67
Old Brahmaputra	SW225	Jamalpur	29-Jan-93	11.66
Old Brahmaputra	SW225	Jamalpur	30-Jan-93	11.66
Old Brahmaputra	SW225	Jamalpur	31-Jan-93	11.65
Old Brahmaputra	SW225	Jamalpur	01-Feb-93	11.64
Old Brahmaputra	SW225	Jamalpur	02-Feb-93	11.64
Old Brahmaputra	SW225	Jamalpur	03-Feb-93	11.63
Old Brahmaputra	SW225	Jamalpur	04-Feb-93	11.63
Old Brahmaputra	SW225	Jamalpur	05-Feb-93	11.61
Old Brahmaputra	SW225	Jamalpur	06-Feb-93	11.62
Old Brahmaputra	SW225	Jamalpur	07-Feb-93	11.6
Old Brahmaputra	SW225	Jamalpur	08-Feb-93	11.59
Old Brahmaputra	SW225	Jamalpur	09-Feb-93	11.59
Old Brahmaputra	SW225	Jamalpur	10-Feb-93	11.58
Old Brahmaputra	SW225	Jamalpur	11-Feb-93	11.58
Old Brahmaputra	SW225	Jamalpur	12-Feb-93	11.57
Old Brahmaputra	SW225	Jamalpur	13-Feb-93	11.57
Old Brahmaputra	SW225	Jamalpur	14-Feb-93	11.56
Old Brahmaputra	SW225	Jamalpur	15-Feb-93	11.56
Old Brahmaputra	SW225	Jamalpur	16-Feb-93	11.55
Old Brahmaputra	SW225	Jamalpur	17-Feb-93	11.55
Old Brahmaputra	SW225	Jamalpur	18-Feb-93	11.54
Old Brahmaputra	SW225	Jamalpur	19-Feb-93	11.54
Old Brahmaputra	SW225	Jamalpur	20-Feb-93	11.53
Old Brahmaputra	SW225	Jamalpur	21-Feb-93	11.53
Old Brahmaputra	SW225	Jamalpur	22-Feb-93	11.52
Old Brahmaputra	SW225	Jamalpur	23-Feb-93	11.52
Old Brahmaputra	SW225	Jamalpur	24-Feb-93	11.51
Old Brahmaputra	SW225	Jamalpur	25-Feb-93	11.51

Old Brahmaputra	SW225	Jamalpur	26-Feb-93	11.51
Old Brahmaputra	SW225	Jamalpur	27-Feb-93	11.5
Old Brahmaputra	SW225	Jamalpur	28-Feb-93	11.5
Old Brahmaputra	SW225	Jamalpur	01-Mar-93	11.5
Old Brahmaputra	SW225	Jamalpur	02-Mar-93	11.49
Old Brahmaputra	SW225	Jamalpur	03-Mar-93	11.49
Old Brahmaputra	SW225	Jamalpur	04-Mar-93	11.48
Old Brahmaputra	SW225	Jamalpur	05-Mar-93	11.48
Old Brahmaputra	SW225	Jamalpur	06-Mar-93	11.48
Old Brahmaputra	SW225	Jamalpur	07-Mar-93	11.47
Old Brahmaputra	SW225	Jamalpur	08-Mar-93	11.47
Old Brahmaputra	SW225	Jamalpur	09-Mar-93	11.47
Old Brahmaputra	SW225	Jamalpur	10-Mar-93	11.46
Old Brahmaputra	SW225	Jamalpur	11-Mar-93	11.46
Old Brahmaputra	SW225	Jamalpur	12-Mar-93	11.46
Old Brahmaputra	SW225	Jamalpur	13-Mar-93	11.46
Old Brahmaputra	SW225	Jamalpur	14-Mar-93	11.46
Old Brahmaputra	SW225	Jamalpur	15-Mar-93	11.45
Old Brahmaputra	SW225	Jamalpur	16-Mar-93	11.44
Old Brahmaputra	SW225	Jamalpur	17-Mar-93	11.44
Old Brahmaputra	SW225	Jamalpur	18-Mar-93	11.44
Old Brahmaputra	SW225	Jamalpur	19-Mar-93	11.43
Old Brahmaputra	SW225	Jamalpur	20-Mar-93	11.43
Old Brahmaputra	SW225	Jamalpur	21-Mar-93	11.42
Old Brahmaputra	SW225	Jamalpur	22-Mar-93	11.42
Old Brahmaputra	SW225	Jamalpur	23-Mar-93	11.42
Old Brahmaputra	SW225	Jamalpur	24-Mar-93	11.42
Old Brahmaputra	SW225	Jamalpur	25-Mar-93	11.42
Old Brahmaputra	SW225	Jamalpur	26-Mar-93	11.45
Old Brahmaputra	SW225	Jamalpur	27-Mar-93	11.51
Old Brahmaputra	SW225	Jamalpur	28-Mar-93	11.5
Old Brahmaputra	SW225	Jamalpur	29-Mar-93	11.49
Old Brahmaputra	SW225	Jamalpur	30-Mar-93	11.49
Old Brahmaputra	SW225	Jamalpur	31-Mar-93	11.48
Old Brahmaputra	SW225	Jamalpur	01-Apr-93	11.47
Old Brahmaputra	SW225	Jamalpur	02-Apr-93	11.46
Old Brahmaputra	SW225	Jamalpur	03-Apr-93	11.45
Old Brahmaputra	SW225	Jamalpur	04-Apr-93	11.44
Old Brahmaputra	SW225	Jamalpur	05-Apr-93	11.43
Old Brahmaputra	SW225	Jamalpur	06-Apr-93	11.42
Old Brahmaputra	SW225	Jamalpur	07-Apr-93	11.41
Old Brahmaputra	SW225	Jamalpur	08-Apr-93	11.4
Old Brahmaputra	SW225	Jamalpur	09-Apr-93	11.4
Old Brahmaputra	SW225	Jamalpur	10-Apr-93	11.4
Old Brahmaputra	SW225	Jamalpur	11-Apr-93	11.4
Old Brahmaputra	SW225	Jamalpur	12-Apr-93	11.4
Old Brahmaputra	SW225	Jamalpur	13-Apr-93	11.4
Old Brahmaputra	SW225	Jamalpur	14-Apr-93	11.4
Old Brahmaputra	SW225	Jamalpur	15-Apr-93	11.43
Old Brahmaputra	SW225	Jamalpur	16-Apr-93	11.46

Old Brahmaputra	SW225	Jamalpur	17-Apr-93	11.47
Old Brahmaputra	SW225	Jamalpur	18-Apr-93	11.47
Old Brahmaputra	SW225	Jamalpur	19-Apr-93	11.46
Old Brahmaputra	SW225	Jamalpur	20-Apr-93	11.47
Old Brahmaputra	SW225	Jamalpur	21-Apr-93	11.49
Old Brahmaputra	SW225	Jamalpur	22-Apr-93	11.49
Old Brahmaputra	SW225	Jamalpur	23-Apr-93	11.48
Old Brahmaputra	SW225	Jamalpur	24-Apr-93	11.52
Old Brahmaputra	SW225	Jamalpur	25-Apr-93	11.53
Old Brahmaputra	SW225	Jamalpur	26-Apr-93	11.52
Old Brahmaputra	SW225	Jamalpur	27-Apr-93	11.51
Old Brahmaputra	SW225	Jamalpur	28-Apr-93	11.51
Old Brahmaputra	SW225	Jamalpur	29-Apr-93	11.54
Old Brahmaputra	SW225	Jamalpur	30-Apr-93	11.61
Old Brahmaputra	SW225	Jamalpur	01-May-93	11.63
Old Brahmaputra	SW225	Jamalpur	02-May-93	11.62
Old Brahmaputra	SW225	Jamalpur	03-May-93	11.61
Old Brahmaputra	SW225	Jamalpur	04-May-93	11.63
Old Brahmaputra	SW225	Jamalpur	05-May-93	11.72
Old Brahmaputra	SW225	Jamalpur	06-May-93	11.83
Old Brahmaputra	SW225	Jamalpur	07-May-93	11.93
Old Brahmaputra	SW225	Jamalpur	08-May-93	12.15
Old Brahmaputra	SW225	Jamalpur	09-May-93	12.23
Old Brahmaputra	SW225	Jamalpur	10-May-93	12.36
Old Brahmaputra	SW225	Jamalpur	11-May-93	12.49
Old Brahmaputra	SW225	Jamalpur	12-May-93	12.45
Old Brahmaputra	SW225	Jamalpur	13-May-93	12.46
Old Brahmaputra	SW225	Jamalpur	14-May-93	12.45
Old Brahmaputra	SW225	Jamalpur	15-May-93	12.43
Old Brahmaputra	SW225	Jamalpur	16-May-93	12.51
Old Brahmaputra	SW225	Jamalpur	17-May-93	12.62
Old Brahmaputra	SW225	Jamalpur	18-May-93	12.8
Old Brahmaputra	SW225	Jamalpur	19-May-93	12.82
Old Brahmaputra	SW225	Jamalpur	20-May-93	13.09
Old Brahmaputra	SW225	Jamalpur	21-May-93	13.18
Old Brahmaputra	SW225	Jamalpur	22-May-93	13.22
Old Brahmaputra	SW225	Jamalpur	23-May-93	13.13
Old Brahmaputra	SW225	Jamalpur	24-May-93	13.04
Old Brahmaputra	SW225	Jamalpur	25-May-93	12.97
Old Brahmaputra	SW225	Jamalpur	26-May-93	12.91
Old Brahmaputra	SW225	Jamalpur	27-May-93	12.87
Old Brahmaputra	SW225	Jamalpur	28-May-93	12.79
Old Brahmaputra	SW225	Jamalpur	29-May-93	12.68
Old Brahmaputra	SW225	Jamalpur	30-May-93	12.63
Old Brahmaputra	SW225	Jamalpur	31-May-93	12.67
Old Brahmaputra	SW225	Jamalpur	01-Jun-93	12.58
Old Brahmaputra	SW225	Jamalpur	02-Jun-93	12.51
Old Brahmaputra	SW225	Jamalpur	03-Jun-93	12.49
Old Brahmaputra	SW225	Jamalpur	04-Jun-93	12.47
Old Brahmaputra	SW225	Jamalpur	05-Jun-93	12.75

Old Brahmaputra	SW225	Jamalpur	06-Jun-93	12.78
Old Brahmaputra	SW225	Jamalpur	07-Jun-93	12.85
Old Brahmaputra	SW225	Jamalpur	08-Jun-93	13.19
Old Brahmaputra	SW225	Jamalpur	09-Jun-93	13.96
Old Brahmaputra	SW225	Jamalpur	10-Jun-93	14.42
Old Brahmaputra	SW225	Jamalpur	11-Jun-93	14.86
Old Brahmaputra	SW225	Jamalpur	12-Jun-93	15.08
Old Brahmaputra	SW225	Jamalpur	13-Jun-93	15.1
Old Brahmaputra	SW225	Jamalpur	14-Jun-93	15.02
Old Brahmaputra	SW225	Jamalpur	15-Jun-93	14.91
Old Brahmaputra	SW225	Jamalpur	16-Jun-93	14.81
Old Brahmaputra	SW225	Jamalpur	17-Jun-93	14.75
Old Brahmaputra	SW225	Jamalpur	18-Jun-93	14.65
Old Brahmaputra	SW225	Jamalpur	19-Jun-93	14.55
Old Brahmaputra	SW225	Jamalpur	20-Jun-93	14.44
Old Brahmaputra	SW225	Jamalpur	21-Jun-93	14.34
Old Brahmaputra	SW225	Jamalpur	22-Jun-93	14.37
Old Brahmaputra	SW225	Jamalpur	23-Jun-93	14.48
Old Brahmaputra	SW225	Jamalpur	24-Jun-93	14.56
Old Brahmaputra	SW225	Jamalpur	25-Jun-93	14.56
Old Brahmaputra	SW225	Jamalpur	26-Jun-93	14.58
Old Brahmaputra	SW225	Jamalpur	27-Jun-93	14.62
Old Brahmaputra	SW225	Jamalpur	28-Jun-93	14.65
Old Brahmaputra	SW225	Jamalpur	29-Jun-93	14.73
Old Brahmaputra	SW225	Jamalpur	30-Jun-93	14.79
Old Brahmaputra	SW225	Jamalpur	01-Jul-93	14.73
Old Brahmaputra	SW225	Jamalpur	02-Jul-93	14.75
Old Brahmaputra	SW225	Jamalpur	03-Jul-93	15.07
Old Brahmaputra	SW225	Jamalpur	04-Jul-93	15.22
Old Brahmaputra	SW225	Jamalpur	05-Jul-93	15.27
Old Brahmaputra	SW225	Jamalpur	06-Jul-93	15.38
Old Brahmaputra	SW225	Jamalpur	07-Jul-93	15.69
Old Brahmaputra	SW225	Jamalpur	08-Jul-93	15.89
Old Brahmaputra	SW225	Jamalpur	09-Jul-93	16.08
Old Brahmaputra	SW225	Jamalpur	10-Jul-93	16.25
Old Brahmaputra	SW225	Jamalpur	11-Jul-93	16.36
Old Brahmaputra	SW225	Jamalpur	12-Jul-93	16.35
Old Brahmaputra	SW225	Jamalpur	13-Jul-93	16.22
Old Brahmaputra	SW225	Jamalpur	14-Jul-93	16.02
Old Brahmaputra	SW225	Jamalpur	15-Jul-93	15.73
Old Brahmaputra	SW225	Jamalpur	16-Jul-93	15.41
Old Brahmaputra	SW225	Jamalpur	17-Jul-93	15.14
Old Brahmaputra	SW225	Jamalpur	18-Jul-93	15
Old Brahmaputra	SW225	Jamalpur	19-Jul-93	14.89
Old Brahmaputra	SW225	Jamalpur	20-Jul-93	14.91
Old Brahmaputra	SW225	Jamalpur	21-Jul-93	15.54
Old Brahmaputra	SW225	Jamalpur	22-Jul-93	16.07
Old Brahmaputra	SW225	Jamalpur	23-Jul-93	16.47
Old Brahmaputra	SW225	Jamalpur	24-Jul-93	16.7
Old Brahmaputra	SW225	Jamalpur	25-Jul-93	16.68

Old Brahmaputra	SW225	Jamalpur	26-Jul-93	16.6
Old Brahmaputra	SW225	Jamalpur	27-Jul-93	16.48
Old Brahmaputra	SW225	Jamalpur	28-Jul-93	16.29
Old Brahmaputra	SW225	Jamalpur	29-Jul-93	16.09
Old Brahmaputra	SW225	Jamalpur	30-Jul-93	15.85
Old Brahmaputra	SW225	Jamalpur	31-Jul-93	15.59
Old Brahmaputra	SW225	Jamalpur	01-Aug-93	15.41
Old Brahmaputra	SW225	Jamalpur	02-Aug-93	15.31
Old Brahmaputra	SW225	Jamalpur	03-Aug-93	15.24
Old Brahmaputra	SW225	Jamalpur	04-Aug-93	15.15
Old Brahmaputra	SW225	Jamalpur	05-Aug-93	15.15
Old Brahmaputra	SW225	Jamalpur	06-Aug-93	15.19
Old Brahmaputra	SW225	Jamalpur	07-Aug-93	15.3
Old Brahmaputra	SW225	Jamalpur	08-Aug-93	15.48
Old Brahmaputra	SW225	Jamalpur	09-Aug-93	15.64
Old Brahmaputra	SW225	Jamalpur	10-Aug-93	15.8
Old Brahmaputra	SW225	Jamalpur	11-Aug-93	15.9
Old Brahmaputra	SW225	Jamalpur	12-Aug-93	15.99
Old Brahmaputra	SW225	Jamalpur	13-Aug-93	16.06
Old Brahmaputra	SW225	Jamalpur	14-Aug-93	16.12
Old Brahmaputra	SW225	Jamalpur	15-Aug-93	16.16
Old Brahmaputra	SW225	Jamalpur	16-Aug-93	16.18
Old Brahmaputra	SW225	Jamalpur	17-Aug-93	16.17
Old Brahmaputra	SW225	Jamalpur	18-Aug-93	16.15
Old Brahmaputra	SW225	Jamalpur	19-Aug-93	16.1
Old Brahmaputra	SW225	Jamalpur	20-Aug-93	16.05
Old Brahmaputra	SW225	Jamalpur	21-Aug-93	15.99
Old Brahmaputra	SW225	Jamalpur	22-Aug-93	15.98
Old Brahmaputra	SW225	Jamalpur	23-Aug-93	16
Old Brahmaputra	SW225	Jamalpur	24-Aug-93	15.99
Old Brahmaputra	SW225	Jamalpur	25-Aug-93	15.98
Old Brahmaputra	SW225	Jamalpur	26-Aug-93	16.01
Old Brahmaputra	SW225	Jamalpur	27-Aug-93	16.02
Old Brahmaputra	SW225	Jamalpur	28-Aug-93	16.07
Old Brahmaputra	SW225	Jamalpur	29-Aug-93	16.24
Old Brahmaputra	SW225	Jamalpur	30-Aug-93	16.26
Old Brahmaputra	SW225	Jamalpur	31-Aug-93	16.28
Old Brahmaputra	SW225	Jamalpur	01-Sep-93	16.36
Old Brahmaputra	SW225	Jamalpur	02-Sep-93	16.38
Old Brahmaputra	SW225	Jamalpur	03-Sep-93	16.4
Old Brahmaputra	SW225	Jamalpur	04-Sep-93	16.35
Old Brahmaputra	SW225	Jamalpur	05-Sep-93	16.28
Old Brahmaputra	SW225	Jamalpur	06-Sep-93	16.19
Old Brahmaputra	SW225	Jamalpur	07-Sep-93	16.04
Old Brahmaputra	SW225	Jamalpur	08-Sep-93	15.88
Old Brahmaputra	SW225	Jamalpur	09-Sep-93	15.73
Old Brahmaputra	SW225	Jamalpur	10-Sep-93	15.55
Old Brahmaputra	SW225	Jamalpur	11-Sep-93	15.34
Old Brahmaputra	SW225	Jamalpur	12-Sep-93	15.09
Old Brahmaputra	SW225	Jamalpur	13-Sep-93	14.89

Old Brahmaputra	SW225	Jamalpur	14-Sep-93	14.73
Old Brahmaputra	SW225	Jamalpur	15-Sep-93	14.66
Old Brahmaputra	SW225	Jamalpur	16-Sep-93	14.62
Old Brahmaputra	SW225	Jamalpur	17-Sep-93	14.58
Old Brahmaputra	SW225	Jamalpur	18-Sep-93	14.5
Old Brahmaputra	SW225	Jamalpur	19-Sep-93	14.34
Old Brahmaputra	SW225	Jamalpur	20-Sep-93	14.22
Old Brahmaputra	SW225	Jamalpur	21-Sep-93	14.2
Old Brahmaputra	SW225	Jamalpur	22-Sep-93	14.18
Old Brahmaputra	SW225	Jamalpur	23-Sep-93	14.15
Old Brahmaputra	SW225	Jamalpur	24-Sep-93	14.17
Old Brahmaputra	SW225	Jamalpur	25-Sep-93	14.09
Old Brahmaputra	SW225	Jamalpur	26-Sep-93	14.03
Old Brahmaputra	SW225	Jamalpur	27-Sep-93	14.05
Old Brahmaputra	SW225	Jamalpur	28-Sep-93	14.34
Old Brahmaputra	SW225	Jamalpur	29-Sep-93	14.54
Old Brahmaputra	SW225	Jamalpur	30-Sep-93	14.6
Old Brahmaputra	SW225	Jamalpur	01-Oct-93	14.57
Old Brahmaputra	SW225	Jamalpur	02-Oct-93	14.55
Old Brahmaputra	SW225	Jamalpur	03-Oct-93	14.59
Old Brahmaputra	SW225	Jamalpur	04-Oct-93	14.69
Old Brahmaputra	SW225	Jamalpur	05-Oct-93	14.8
Old Brahmaputra	SW225	Jamalpur	06-Oct-93	14.8
Old Brahmaputra	SW225	Jamalpur	07-Oct-93	14.71
Old Brahmaputra	SW225	Jamalpur	08-Oct-93	14.59
Old Brahmaputra	SW225	Jamalpur	09-Oct-93	14.54
Old Brahmaputra	SW225	Jamalpur	10-Oct-93	14.51
Old Brahmaputra	SW225	Jamalpur	11-Oct-93	14.43
Old Brahmaputra	SW225	Jamalpur	12-Oct-93	14.35
Old Brahmaputra	SW225	Jamalpur	13-Oct-93	14.26
Old Brahmaputra	SW225	Jamalpur	14-Oct-93	14.17
Old Brahmaputra	SW225	Jamalpur	15-Oct-93	14.03
Old Brahmaputra	SW225	Jamalpur	16-Oct-93	13.96
Old Brahmaputra	SW225	Jamalpur	17-Oct-93	13.92
Old Brahmaputra	SW225	Jamalpur	18-Oct-93	13.83
Old Brahmaputra	SW225	Jamalpur	19-Oct-93	13.77
Old Brahmaputra	SW225	Jamalpur	20-Oct-93	13.73
Old Brahmaputra	SW225	Jamalpur	21-Oct-93	13.68
Old Brahmaputra	SW225	Jamalpur	22-Oct-93	13.64
Old Brahmaputra	SW225	Jamalpur	23-Oct-93	13.57
Old Brahmaputra	SW225	Jamalpur	24-Oct-93	13.46
Old Brahmaputra	SW225	Jamalpur	25-Oct-93	13.34
Old Brahmaputra	SW225	Jamalpur	26-Oct-93	13.25
Old Brahmaputra	SW225	Jamalpur	27-Oct-93	13.15
Old Brahmaputra	SW225	Jamalpur	28-Oct-93	13.08
Old Brahmaputra	SW225	Jamalpur	29-Oct-93	13.01
Old Brahmaputra	SW225	Jamalpur	30-Oct-93	12.93
Old Brahmaputra	SW225	Jamalpur	31-Oct-93	12.86
Old Brahmaputra	SW225	Jamalpur	01-Nov-93	12.8
Old Brahmaputra	SW225	Jamalpur	02-Nov-93	12.74

Old Brahmaputra	SW225	Jamalpur	03-Nov-93	12.69
Old Brahmaputra	SW225	Jamalpur	04-Nov-93	12.64
Old Brahmaputra	SW225	Jamalpur	05-Nov-93	12.6
Old Brahmaputra	SW225	Jamalpur	06-Nov-93	12.56
Old Brahmaputra	SW225	Jamalpur	07-Nov-93	12.52
Old Brahmaputra	SW225	Jamalpur	08-Nov-93	12.48
Old Brahmaputra	SW225	Jamalpur	09-Nov-93	12.45
Old Brahmaputra	SW225	Jamalpur	10-Nov-93	12.42
Old Brahmaputra	SW225	Jamalpur	11-Nov-93	12.4
Old Brahmaputra	SW225	Jamalpur	12-Nov-93	12.38
Old Brahmaputra	SW225	Jamalpur	13-Nov-93	12.37
Old Brahmaputra	SW225	Jamalpur	14-Nov-93	12.35
Old Brahmaputra	SW225	Jamalpur	15-Nov-93	12.34
Old Brahmaputra	SW225	Jamalpur	16-Nov-93	12.32
Old Brahmaputra	SW225	Jamalpur	17-Nov-93	12.3
Old Brahmaputra	SW225	Jamalpur	18-Nov-93	12.28
Old Brahmaputra	SW225	Jamalpur	19-Nov-93	12.27
Old Brahmaputra	SW225	Jamalpur	20-Nov-93	12.26
Old Brahmaputra	SW225	Jamalpur	21-Nov-93	12.24
Old Brahmaputra	SW225	Jamalpur	22-Nov-93	12.23
Old Brahmaputra	SW225	Jamalpur	23-Nov-93	12.22
Old Brahmaputra	SW225	Jamalpur	24-Nov-93	12.21
Old Brahmaputra	SW225	Jamalpur	25-Nov-93	12.19
Old Brahmaputra	SW225	Jamalpur	26-Nov-93	12.18
Old Brahmaputra	SW225	Jamalpur	27-Nov-93	12.17
Old Brahmaputra	SW225	Jamalpur	28-Nov-93	12.15
Old Brahmaputra	SW225	Jamalpur	29-Nov-93	12.14
Old Brahmaputra	SW225	Jamalpur	30-Nov-93	12.12
Old Brahmaputra	SW225	Jamalpur	01-Dec-93	12.1
Old Brahmaputra	SW225	Jamalpur	02-Dec-93	12.08
Old Brahmaputra	SW225	Jamalpur	03-Dec-93	12.07
Old Brahmaputra	SW225	Jamalpur	04-Dec-93	12.06
Old Brahmaputra	SW225	Jamalpur	05-Dec-93	12.05
Old Brahmaputra	SW225	Jamalpur	06-Dec-93	12.03
Old Brahmaputra	SW225	Jamalpur	07-Dec-93	12.03
Old Brahmaputra	SW225	Jamalpur	08-Dec-93	12.02
Old Brahmaputra	SW225	Jamalpur	09-Dec-93	12.01
Old Brahmaputra	SW225	Jamalpur	10-Dec-93	12
Old Brahmaputra	SW225	Jamalpur	11-Dec-93	11.99
Old Brahmaputra	SW225	Jamalpur	12-Dec-93	11.98
Old Brahmaputra	SW225	Jamalpur	13-Dec-93	11.97
Old Brahmaputra	SW225	Jamalpur	14-Dec-93	11.96
Old Brahmaputra	SW225	Jamalpur	15-Dec-93	11.94
Old Brahmaputra	SW225	Jamalpur	16-Dec-93	11.93
Old Brahmaputra	SW225	Jamalpur	17-Dec-93	11.92
Old Brahmaputra	SW225	Jamalpur	18-Dec-93	11.92
Old Brahmaputra	SW225	Jamalpur	19-Dec-93	11.91
Old Brahmaputra	SW225	Jamalpur	20-Dec-93	11.91
Old Brahmaputra	SW225	Jamalpur	21-Dec-93	11.9
Old Brahmaputra	SW225	Jamalpur	22-Dec-93	11.89

Old Brahmaputra	SW225	Jamalpur	23-Dec-93	11.88
Old Brahmaputra	SW225	Jamalpur	24-Dec-93	11.88
Old Brahmaputra	SW225	Jamalpur	25-Dec-93	11.88
Old Brahmaputra	SW225	Jamalpur	26-Dec-93	11.88
Old Brahmaputra	SW225	Jamalpur	27-Dec-93	11.87
Old Brahmaputra	SW225	Jamalpur	28-Dec-93	11.87
Old Brahmaputra	SW225	Jamalpur	29-Dec-93	11.86
Old Brahmaputra	SW225	Jamalpur	30-Dec-93	11.86
Old Brahmaputra	SW225	Jamalpur	31-Dec-93	11.85
Old Brahmaputra	SW225	Jamalpur	01-Jan-94	11.85
Old Brahmaputra	SW225	Jamalpur	02-Jan-94	11.84
Old Brahmaputra	SW225	Jamalpur	03-Jan-94	11.84
Old Brahmaputra	SW225	Jamalpur	04-Jan-94	11.84
Old Brahmaputra	SW225	Jamalpur	05-Jan-94	11.83
Old Brahmaputra	SW225	Jamalpur	06-Jan-94	11.83
Old Brahmaputra	SW225	Jamalpur	07-Jan-94	11.82
Old Brahmaputra	SW225	Jamalpur	08-Jan-94	11.82
Old Brahmaputra	SW225	Jamalpur	09-Jan-94	11.82
Old Brahmaputra	SW225	Jamalpur	10-Jan-94	11.81
Old Brahmaputra	SW225	Jamalpur	11-Jan-94	11.81
Old Brahmaputra	SW225	Jamalpur	12-Jan-94	11.81
Old Brahmaputra	SW225	Jamalpur	13-Jan-94	11.8
Old Brahmaputra	SW225	Jamalpur	14-Jan-94	11.8
Old Brahmaputra	SW225	Jamalpur	15-Jan-94	11.8
Old Brahmaputra	SW225	Jamalpur	16-Jan-94	11.8
Old Brahmaputra	SW225	Jamalpur	17-Jan-94	11.8
Old Brahmaputra	SW225	Jamalpur	18-Jan-94	11.79
Old Brahmaputra	SW225	Jamalpur	19-Jan-94	11.78
Old Brahmaputra	SW225	Jamalpur	20-Jan-94	11.78
Old Brahmaputra	SW225	Jamalpur	21-Jan-94	11.77
Old Brahmaputra	SW225	Jamalpur	22-Jan-94	11.77
Old Brahmaputra	SW225	Jamalpur	23-Jan-94	11.77
Old Brahmaputra	SW225	Jamalpur	24-Jan-94	11.76
Old Brahmaputra	SW225	Jamalpur	25-Jan-94	11.76
Old Brahmaputra	SW225	Jamalpur	26-Jan-94	11.74
Old Brahmaputra	SW225	Jamalpur	27-Jan-94	11.72
Old Brahmaputra	SW225	Jamalpur	28-Jan-94	11.71
Old Brahmaputra	SW225	Jamalpur	29-Jan-94	11.7
Old Brahmaputra	SW225	Jamalpur	30-Jan-94	11.69
Old Brahmaputra	SW225	Jamalpur	31-Jan-94	11.68
Old Brahmaputra	SW225	Jamalpur	01-Feb-94	11.66
Old Brahmaputra	SW225	Jamalpur	02-Feb-94	11.65
Old Brahmaputra	SW225	Jamalpur	03-Feb-94	11.63
Old Brahmaputra	SW225	Jamalpur	04-Feb-94	11.62
Old Brahmaputra	SW225	Jamalpur	05-Feb-94	11.61
Old Brahmaputra	SW225	Jamalpur	06-Feb-94	11.6
Old Brahmaputra	SW225	Jamalpur	07-Feb-94	11.59
Old Brahmaputra	SW225	Jamalpur	08-Feb-94	11.58
Old Brahmaputra	SW225	Jamalpur	09-Feb-94	11.58
Old Brahmaputra	SW225	Jamalpur	10-Feb-94	11.57

Old Brahmaputra	SW225	Jamalpur	11-Feb-94	11.57
Old Brahmaputra	SW225	Jamalpur	12-Feb-94	11.56
Old Brahmaputra	SW225	Jamalpur	13-Feb-94	11.55
Old Brahmaputra	SW225	Jamalpur	14-Feb-94	11.55
Old Brahmaputra	SW225	Jamalpur	15-Feb-94	11.54
Old Brahmaputra	SW225	Jamalpur	16-Feb-94	11.54
Old Brahmaputra	SW225	Jamalpur	17-Feb-94	11.53
Old Brahmaputra	SW225	Jamalpur	18-Feb-94	11.52
Old Brahmaputra	SW225	Jamalpur	19-Feb-94	11.52
Old Brahmaputra	SW225	Jamalpur	20-Feb-94	11.51
Old Brahmaputra	SW225	Jamalpur	21-Feb-94	11.5
Old Brahmaputra	SW225	Jamalpur	22-Feb-94	11.51
Old Brahmaputra	SW225	Jamalpur	23-Feb-94	11.51
Old Brahmaputra	SW225	Jamalpur	24-Feb-94	11.51
Old Brahmaputra	SW225	Jamalpur	25-Feb-94	11.5
Old Brahmaputra	SW225	Jamalpur	26-Feb-94	11.5
Old Brahmaputra	SW225	Jamalpur	27-Feb-94	11.49
Old Brahmaputra	SW225	Jamalpur	28-Feb-94	11.49
Old Brahmaputra	SW225	Jamalpur	01-Mar-94	11.48
Old Brahmaputra	SW225	Jamalpur	02-Mar-94	11.47
Old Brahmaputra	SW225	Jamalpur	03-Mar-94	11.47
Old Brahmaputra	SW225	Jamalpur	04-Mar-94	11.47
Old Brahmaputra	SW225	Jamalpur	05-Mar-94	11.47
Old Brahmaputra	SW225	Jamalpur	06-Mar-94	11.47
Old Brahmaputra	SW225	Jamalpur	07-Mar-94	11.46
Old Brahmaputra	SW225	Jamalpur	08-Mar-94	11.45
Old Brahmaputra	SW225	Jamalpur	09-Mar-94	11.45
Old Brahmaputra	SW225	Jamalpur	10-Mar-94	11.44
Old Brahmaputra	SW225	Jamalpur	11-Mar-94	11.44
Old Brahmaputra	SW225	Jamalpur	12-Mar-94	11.44
Old Brahmaputra	SW225	Jamalpur	13-Mar-94	11.44
Old Brahmaputra	SW225	Jamalpur	14-Mar-94	11.43
Old Brahmaputra	SW225	Jamalpur	15-Mar-94	11.43
Old Brahmaputra	SW225	Jamalpur	16-Mar-94	11.43
Old Brahmaputra	SW225	Jamalpur	17-Mar-94	11.43
Old Brahmaputra	SW225	Jamalpur	18-Mar-94	11.43
Old Brahmaputra	SW225	Jamalpur	19-Mar-94	11.42
Old Brahmaputra	SW225	Jamalpur	20-Mar-94	11.42
Old Brahmaputra	SW225	Jamalpur	21-Mar-94	11.42
Old Brahmaputra	SW225	Jamalpur	22-Mar-94	11.42
Old Brahmaputra	SW225	Jamalpur	23-Mar-94	11.41
Old Brahmaputra	SW225	Jamalpur	24-Mar-94	11.41
Old Brahmaputra	SW225	Jamalpur	25-Mar-94	11.41
Old Brahmaputra	SW225	Jamalpur	26-Mar-94	11.42
Old Brahmaputra	SW225	Jamalpur	27-Mar-94	11.44
Old Brahmaputra	SW225	Jamalpur	28-Mar-94	11.43
Old Brahmaputra	SW225	Jamalpur	29-Mar-94	11.42
Old Brahmaputra	SW225	Jamalpur	30-Mar-94	11.42
Old Brahmaputra	SW225	Jamalpur	31-Mar-94	11.42
Old Brahmaputra	SW225	Jamalpur	01-Apr-94	11.42

Old Brahmaputra	SW225	Jamalpur	02-Apr-94	11.42
Old Brahmaputra	SW225	Jamalpur	03-Apr-94	11.41
Old Brahmaputra	SW225	Jamalpur	04-Apr-94	11.41
Old Brahmaputra	SW225	Jamalpur	05-Apr-94	11.41
Old Brahmaputra	SW225	Jamalpur	06-Apr-94	11.5
Old Brahmaputra	SW225	Jamalpur	07-Apr-94	11.49
Old Brahmaputra	SW225	Jamalpur	08-Apr-94	11.47
Old Brahmaputra	SW225	Jamalpur	09-Apr-94	11.45
Old Brahmaputra	SW225	Jamalpur	10-Apr-94	11.44
Old Brahmaputra	SW225	Jamalpur	11-Apr-94	11.43
Old Brahmaputra	SW225	Jamalpur	12-Apr-94	11.42
Old Brahmaputra	SW225	Jamalpur	13-Apr-94	11.41
Old Brahmaputra	SW225	Jamalpur	14-Apr-94	11.4
Old Brahmaputra	SW225	Jamalpur	15-Apr-94	11.39
Old Brahmaputra	SW225	Jamalpur	16-Apr-94	11.38
Old Brahmaputra	SW225	Jamalpur	17-Apr-94	11.38
Old Brahmaputra	SW225	Jamalpur	18-Apr-94	11.38
Old Brahmaputra	SW225	Jamalpur	19-Apr-94	11.38
Old Brahmaputra	SW225	Jamalpur	20-Apr-94	11.38
Old Brahmaputra	SW225	Jamalpur	21-Apr-94	11.41
Old Brahmaputra	SW225	Jamalpur	22-Apr-94	11.42
Old Brahmaputra	SW225	Jamalpur	23-Apr-94	11.43
Old Brahmaputra	SW225	Jamalpur	24-Apr-94	11.43
Old Brahmaputra	SW225	Jamalpur	25-Apr-94	11.43
Old Brahmaputra	SW225	Jamalpur	26-Apr-94	11.43
Old Brahmaputra	SW225	Jamalpur	27-Apr-94	11.44
Old Brahmaputra	SW225	Jamalpur	28-Apr-94	11.43
Old Brahmaputra	SW225	Jamalpur	29-Apr-94	11.41
Old Brahmaputra	SW225	Jamalpur	30-Apr-94	11.42
Old Brahmaputra	SW225	Jamalpur	01-May-94	11.45
Old Brahmaputra	SW225	Jamalpur	02-May-94	11.44
Old Brahmaputra	SW225	Jamalpur	03-May-94	11.43
Old Brahmaputra	SW225	Jamalpur	04-May-94	11.47
Old Brahmaputra	SW225	Jamalpur	05-May-94	11.63
Old Brahmaputra	SW225	Jamalpur	06-May-94	11.61
Old Brahmaputra	SW225	Jamalpur	07-May-94	11.56
Old Brahmaputra	SW225	Jamalpur	08-May-94	11.52
Old Brahmaputra	SW225	Jamalpur	09-May-94	11.49
Old Brahmaputra	SW225	Jamalpur	10-May-94	11.48
Old Brahmaputra	SW225	Jamalpur	11-May-94	11.47
Old Brahmaputra	SW225	Jamalpur	12-May-94	11.47
Old Brahmaputra	SW225	Jamalpur	13-May-94	11.46
Old Brahmaputra	SW225	Jamalpur	14-May-94	12.3
Old Brahmaputra	SW225	Jamalpur	15-May-94	12.51
Old Brahmaputra	SW225	Jamalpur	16-May-94	12.46
Old Brahmaputra	SW225	Jamalpur	17-May-94	12.34
Old Brahmaputra	SW225	Jamalpur	18-May-94	12.23
Old Brahmaputra	SW225	Jamalpur	19-May-94	12.11
Old Brahmaputra	SW225	Jamalpur	20-May-94	12.02
Old Brahmaputra	SW225	Jamalpur	21-May-94	11.96

Old Brahmaputra	SW225	Jamalpur	22-May-94	11.94
Old Brahmaputra	SW225	Jamalpur	23-May-94	11.92
Old Brahmaputra	SW225	Jamalpur	24-May-94	11.91
Old Brahmaputra	SW225	Jamalpur	25-May-94	11.89
Old Brahmaputra	SW225	Jamalpur	26-May-94	11.87
Old Brahmaputra	SW225	Jamalpur	27-May-94	11.82
Old Brahmaputra	SW225	Jamalpur	28-May-94	11.77
Old Brahmaputra	SW225	Jamalpur	29-May-94	11.81
Old Brahmaputra	SW225	Jamalpur	30-May-94	11.82
Old Brahmaputra	SW225	Jamalpur	31-May-94	12
Old Brahmaputra	SW225	Jamalpur	01-Jun-94	12.23
Old Brahmaputra	SW225	Jamalpur	02-Jun-94	12.68
Old Brahmaputra	SW225	Jamalpur	03-Jun-94	13.31
Old Brahmaputra	SW225	Jamalpur	04-Jun-94	13.74
Old Brahmaputra	SW225	Jamalpur	05-Jun-94	14.06
Old Brahmaputra	SW225	Jamalpur	06-Jun-94	14.31
Old Brahmaputra	SW225	Jamalpur	07-Jun-94	14.41
Old Brahmaputra	SW225	Jamalpur	08-Jun-94	14.42
Old Brahmaputra	SW225	Jamalpur	09-Jun-94	14.36
Old Brahmaputra	SW225	Jamalpur	10-Jun-94	14.29
Old Brahmaputra	SW225	Jamalpur	11-Jun-94	14.17
Old Brahmaputra	SW225	Jamalpur	12-Jun-94	13.98
Old Brahmaputra	SW225	Jamalpur	13-Jun-94	13.87
Old Brahmaputra	SW225	Jamalpur	14-Jun-94	13.78
Old Brahmaputra	SW225	Jamalpur	15-Jun-94	13.71
Old Brahmaputra	SW225	Jamalpur	16-Jun-94	13.67
Old Brahmaputra	SW225	Jamalpur	17-Jun-94	13.67
Old Brahmaputra	SW225	Jamalpur	18-Jun-94	13.68
Old Brahmaputra	SW225	Jamalpur	19-Jun-94	13.77
Old Brahmaputra	SW225	Jamalpur	20-Jun-94	13.96
Old Brahmaputra	SW225	Jamalpur	21-Jun-94	14.19
Old Brahmaputra	SW225	Jamalpur	22-Jun-94	14.32
Old Brahmaputra	SW225	Jamalpur	23-Jun-94	14.37
Old Brahmaputra	SW225	Jamalpur	24-Jun-94	14.39
Old Brahmaputra	SW225	Jamalpur	25-Jun-94	14.42
Old Brahmaputra	SW225	Jamalpur	26-Jun-94	14.5
Old Brahmaputra	SW225	Jamalpur	27-Jun-94	14.57
Old Brahmaputra	SW225	Jamalpur	28-Jun-94	14.56
Old Brahmaputra	SW225	Jamalpur	29-Jun-94	14.52
Old Brahmaputra	SW225	Jamalpur	30-Jun-94	14.5
Old Brahmaputra	SW225	Jamalpur	01-Jul-94	14.55
Old Brahmaputra	SW225	Jamalpur	02-Jul-94	14.61
Old Brahmaputra	SW225	Jamalpur	03-Jul-94	14.55
Old Brahmaputra	SW225	Jamalpur	04-Jul-94	14.44
Old Brahmaputra	SW225	Jamalpur	05-Jul-94	14.37
Old Brahmaputra	SW225	Jamalpur	06-Jul-94	14.37
Old Brahmaputra	SW225	Jamalpur	07-Jul-94	14.4
Old Brahmaputra	SW225	Jamalpur	08-Jul-94	14.4
Old Brahmaputra	SW225	Jamalpur	09-Jul-94	14.36
Old Brahmaputra	SW225	Jamalpur	10-Jul-94	14.27

Old Brahmaputra	SW225	Jamalpur	11-Jul-94	14.21
Old Brahmaputra	SW225	Jamalpur	12-Jul-94	14.17
Old Brahmaputra	SW225	Jamalpur	13-Jul-94	14.11
Old Brahmaputra	SW225	Jamalpur	14-Jul-94	14.04
Old Brahmaputra	SW225	Jamalpur	15-Jul-94	13.92
Old Brahmaputra	SW225	Jamalpur	16-Jul-94	13.77
Old Brahmaputra	SW225	Jamalpur	17-Jul-94	13.64
Old Brahmaputra	SW225	Jamalpur	18-Jul-94	13.51
Old Brahmaputra	SW225	Jamalpur	19-Jul-94	13.36
Old Brahmaputra	SW225	Jamalpur	20-Jul-94	13.24
Old Brahmaputra	SW225	Jamalpur	21-Jul-94	13.18
Old Brahmaputra	SW225	Jamalpur	22-Jul-94	13.21
Old Brahmaputra	SW225	Jamalpur	23-Jul-94	13.23
Old Brahmaputra	SW225	Jamalpur	24-Jul-94	13.25
Old Brahmaputra	SW225	Jamalpur	25-Jul-94	13.33
Old Brahmaputra	SW225	Jamalpur	26-Jul-94	13.35
Old Brahmaputra	SW225	Jamalpur	27-Jul-94	13.4
Old Brahmaputra	SW225	Jamalpur	28-Jul-94	13.5
Old Brahmaputra	SW225	Jamalpur	29-Jul-94	13.52
Old Brahmaputra	SW225	Jamalpur	30-Jul-94	13.51
Old Brahmaputra	SW225	Jamalpur	31-Jul-94	13.61
Old Brahmaputra	SW225	Jamalpur	01-Aug-94	13.8
Old Brahmaputra	SW225	Jamalpur	02-Aug-94	13.92
Old Brahmaputra	SW225	Jamalpur	03-Aug-94	13.93
Old Brahmaputra	SW225	Jamalpur	04-Aug-94	13.86
Old Brahmaputra	SW225	Jamalpur	05-Aug-94	13.82
Old Brahmaputra	SW225	Jamalpur	06-Aug-94	13.79
Old Brahmaputra	SW225	Jamalpur	07-Aug-94	13.74
Old Brahmaputra	SW225	Jamalpur	08-Aug-94	13.7
Old Brahmaputra	SW225	Jamalpur	09-Aug-94	13.66
Old Brahmaputra	SW225	Jamalpur	10-Aug-94	13.63
Old Brahmaputra	SW225	Jamalpur	11-Aug-94	13.61
Old Brahmaputra	SW225	Jamalpur	12-Aug-94	13.66
Old Brahmaputra	SW225	Jamalpur	13-Aug-94	13.72
Old Brahmaputra	SW225	Jamalpur	14-Aug-94	13.78
Old Brahmaputra	SW225	Jamalpur	15-Aug-94	14.04
Old Brahmaputra	SW225	Jamalpur	16-Aug-94	14.17
Old Brahmaputra	SW225	Jamalpur	17-Aug-94	14.33
Old Brahmaputra	SW225	Jamalpur	18-Aug-94	14.37
Old Brahmaputra	SW225	Jamalpur	19-Aug-94	14.35
Old Brahmaputra	SW225	Jamalpur	20-Aug-94	14.31
Old Brahmaputra	SW225	Jamalpur	21-Aug-94	14.29
Old Brahmaputra	SW225	Jamalpur	22-Aug-94	14.21
Old Brahmaputra	SW225	Jamalpur	23-Aug-94	14.08
Old Brahmaputra	SW225	Jamalpur	24-Aug-94	14.08
Old Brahmaputra	SW225	Jamalpur	25-Aug-94	14.08
Old Brahmaputra	SW225	Jamalpur	26-Aug-94	14.07
Old Brahmaputra	SW225	Jamalpur	27-Aug-94	14.08
Old Brahmaputra	SW225	Jamalpur	28-Aug-94	14.05
Old Brahmaputra	SW225	Jamalpur	29-Aug-94	14.01

Old Brahmaputra	SW225	Jamalpur	30-Aug-94	14
Old Brahmaputra	SW225	Jamalpur	31-Aug-94	13.97
Old Brahmaputra	SW225	Jamalpur	01-Sep-94	13.95
Old Brahmaputra	SW225	Jamalpur	02-Sep-94	13.84
Old Brahmaputra	SW225	Jamalpur	03-Sep-94	13.75
Old Brahmaputra	SW225	Jamalpur	04-Sep-94	13.65
Old Brahmaputra	SW225	Jamalpur	05-Sep-94	13.54
Old Brahmaputra	SW225	Jamalpur	06-Sep-94	13.44
Old Brahmaputra	SW225	Jamalpur	07-Sep-94	13.35
Old Brahmaputra	SW225	Jamalpur	08-Sep-94	13.27
Old Brahmaputra	SW225	Jamalpur	09-Sep-94	13.24
Old Brahmaputra	SW225	Jamalpur	10-Sep-94	13.23
Old Brahmaputra	SW225	Jamalpur	11-Sep-94	13.24
Old Brahmaputra	SW225	Jamalpur	12-Sep-94	13.34
Old Brahmaputra	SW225	Jamalpur	13-Sep-94	13.36
Old Brahmaputra	SW225	Jamalpur	14-Sep-94	13.41
Old Brahmaputra	SW225	Jamalpur	15-Sep-94	13.42
Old Brahmaputra	SW225	Jamalpur	16-Sep-94	13.45
Old Brahmaputra	SW225	Jamalpur	17-Sep-94	13.49
Old Brahmaputra	SW225	Jamalpur	18-Sep-94	13.47
Old Brahmaputra	SW225	Jamalpur	19-Sep-94	13.44
Old Brahmaputra	SW225	Jamalpur	20-Sep-94	13.5
Old Brahmaputra	SW225	Jamalpur	21-Sep-94	13.6
Old Brahmaputra	SW225	Jamalpur	22-Sep-94	13.68
Old Brahmaputra	SW225	Jamalpur	23-Sep-94	13.67
Old Brahmaputra	SW225	Jamalpur	24-Sep-94	13.67
Old Brahmaputra	SW225	Jamalpur	25-Sep-94	13.64
Old Brahmaputra	SW225	Jamalpur	26-Sep-94	13.62
Old Brahmaputra	SW225	Jamalpur	27-Sep-94	13.6
Old Brahmaputra	SW225	Jamalpur	28-Sep-94	13.56
Old Brahmaputra	SW225	Jamalpur	29-Sep-94	13.5
Old Brahmaputra	SW225	Jamalpur	30-Sep-94	13.37
Old Brahmaputra	SW225	Jamalpur	01-Oct-94	13.24
Old Brahmaputra	SW225	Jamalpur	02-Oct-94	13.13
Old Brahmaputra	SW225	Jamalpur	03-Oct-94	13.1
Old Brahmaputra	SW225	Jamalpur	04-Oct-94	13.1
Old Brahmaputra	SW225	Jamalpur	05-Oct-94	12.98
Old Brahmaputra	SW225	Jamalpur	06-Oct-94	12.93
Old Brahmaputra	SW225	Jamalpur	07-Oct-94	12.92
Old Brahmaputra	SW225	Jamalpur	08-Oct-94	12.93
Old Brahmaputra	SW225	Jamalpur	09-Oct-94	12.97
Old Brahmaputra	SW225	Jamalpur	10-Oct-94	13.19
Old Brahmaputra	SW225	Jamalpur	11-Oct-94	13.28
Old Brahmaputra	SW225	Jamalpur	12-Oct-94	13.25
Old Brahmaputra	SW225	Jamalpur	13-Oct-94	13.23
Old Brahmaputra	SW225	Jamalpur	14-Oct-94	13.2
Old Brahmaputra	SW225	Jamalpur	15-Oct-94	13.15
Old Brahmaputra	SW225	Jamalpur	16-Oct-94	13.14
Old Brahmaputra	SW225	Jamalpur	17-Oct-94	13.17
Old Brahmaputra	SW225	Jamalpur	18-Oct-94	13.2

Old Brahmaputra	SW225	Jamalpur	19-Oct-94	13.2
Old Brahmaputra	SW225	Jamalpur	20-Oct-94	13.13
Old Brahmaputra	SW225	Jamalpur	21-Oct-94	12.99
Old Brahmaputra	SW225	Jamalpur	22-Oct-94	12.87
Old Brahmaputra	SW225	Jamalpur	23-Oct-94	12.77
Old Brahmaputra	SW225	Jamalpur	24-Oct-94	12.66
Old Brahmaputra	SW225	Jamalpur	25-Oct-94	12.55
Old Brahmaputra	SW225	Jamalpur	26-Oct-94	12.45
Old Brahmaputra	SW225	Jamalpur	27-Oct-94	12.37
Old Brahmaputra	SW225	Jamalpur	28-Oct-94	12.3
Old Brahmaputra	SW225	Jamalpur	29-Oct-94	12.24
Old Brahmaputra	SW225	Jamalpur	30-Oct-94	12.2
Old Brahmaputra	SW225	Jamalpur	31-Oct-94	12.16
Old Brahmaputra	SW225	Jamalpur	01-Nov-94	12.11
Old Brahmaputra	SW225	Jamalpur	02-Nov-94	12.09
Old Brahmaputra	SW225	Jamalpur	03-Nov-94	12.07
Old Brahmaputra	SW225	Jamalpur	04-Nov-94	12.04
Old Brahmaputra	SW225	Jamalpur	05-Nov-94	12.01
Old Brahmaputra	SW225	Jamalpur	06-Nov-94	11.99
Old Brahmaputra	SW225	Jamalpur	07-Nov-94	11.98
Old Brahmaputra	SW225	Jamalpur	08-Nov-94	11.95
Old Brahmaputra	SW225	Jamalpur	09-Nov-94	11.94
Old Brahmaputra	SW225	Jamalpur	10-Nov-94	11.92
Old Brahmaputra	SW225	Jamalpur	11-Nov-94	11.91
Old Brahmaputra	SW225	Jamalpur	12-Nov-94	11.89
Old Brahmaputra	SW225	Jamalpur	13-Nov-94	11.88
Old Brahmaputra	SW225	Jamalpur	14-Nov-94	11.87
Old Brahmaputra	SW225	Jamalpur	15-Nov-94	11.85
Old Brahmaputra	SW225	Jamalpur	16-Nov-94	11.84
Old Brahmaputra	SW225	Jamalpur	17-Nov-94	11.83
Old Brahmaputra	SW225	Jamalpur	18-Nov-94	11.82
Old Brahmaputra	SW225	Jamalpur	19-Nov-94	11.81
Old Brahmaputra	SW225	Jamalpur	20-Nov-94	11.8
Old Brahmaputra	SW225	Jamalpur	21-Nov-94	11.79
Old Brahmaputra	SW225	Jamalpur	22-Nov-94	11.78
Old Brahmaputra	SW225	Jamalpur	23-Nov-94	11.77
Old Brahmaputra	SW225	Jamalpur	24-Nov-94	11.76
Old Brahmaputra	SW225	Jamalpur	25-Nov-94	11.76
Old Brahmaputra	SW225	Jamalpur	26-Nov-94	11.75
Old Brahmaputra	SW225	Jamalpur	27-Nov-94	11.75
Old Brahmaputra	SW225	Jamalpur	28-Nov-94	11.74
Old Brahmaputra	SW225	Jamalpur	29-Nov-94	11.73
Old Brahmaputra	SW225	Jamalpur	30-Nov-94	11.72
Old Brahmaputra	SW225	Jamalpur	01-Dec-94	11.71
Old Brahmaputra	SW225	Jamalpur	02-Dec-94	11.71
Old Brahmaputra	SW225	Jamalpur	03-Dec-94	11.7
Old Brahmaputra	SW225	Jamalpur	04-Dec-94	11.7
Old Brahmaputra	SW225	Jamalpur	05-Dec-94	11.7
Old Brahmaputra	SW225	Jamalpur	06-Dec-94	11.7
Old Brahmaputra	SW225	Jamalpur	07-Dec-94	11.69

Old Brahmaputra	SW225	Jamalpur	08-Dec-94	11.69
Old Brahmaputra	SW225	Jamalpur	09-Dec-94	11.68
Old Brahmaputra	SW225	Jamalpur	10-Dec-94	11.67
Old Brahmaputra	SW225	Jamalpur	11-Dec-94	11.67
Old Brahmaputra	SW225	Jamalpur	12-Dec-94	11.66
Old Brahmaputra	SW225	Jamalpur	13-Dec-94	11.66
Old Brahmaputra	SW225	Jamalpur	14-Dec-94	11.66
Old Brahmaputra	SW225	Jamalpur	15-Dec-94	11.66
Old Brahmaputra	SW225	Jamalpur	16-Dec-94	11.65
Old Brahmaputra	SW225	Jamalpur	17-Dec-94	11.65
Old Brahmaputra	SW225	Jamalpur	18-Dec-94	11.65
Old Brahmaputra	SW225	Jamalpur	19-Dec-94	11.64
Old Brahmaputra	SW225	Jamalpur	20-Dec-94	11.64
Old Brahmaputra	SW225	Jamalpur	21-Dec-94	11.64
Old Brahmaputra	SW225	Jamalpur	22-Dec-94	11.64
Old Brahmaputra	SW225	Jamalpur	23-Dec-94	11.63
Old Brahmaputra	SW225	Jamalpur	24-Dec-94	11.63
Old Brahmaputra	SW225	Jamalpur	25-Dec-94	11.63
Old Brahmaputra	SW225	Jamalpur	26-Dec-94	11.63
Old Brahmaputra	SW225	Jamalpur	27-Dec-94	11.62
Old Brahmaputra	SW225	Jamalpur	28-Dec-94	11.62
Old Brahmaputra	SW225	Jamalpur	29-Dec-94	11.62
Old Brahmaputra	SW225	Jamalpur	30-Dec-94	11.61
Old Brahmaputra	SW225	Jamalpur	31-Dec-94	11.61
Old Brahmaputra	SW225	Jamalpur	01-Jan-95	11.61
Old Brahmaputra	SW225	Jamalpur	02-Jan-95	11.61
Old Brahmaputra	SW225	Jamalpur	03-Jan-95	11.61
Old Brahmaputra	SW225	Jamalpur	04-Jan-95	11.61
Old Brahmaputra	SW225	Jamalpur	05-Jan-95	11.6
Old Brahmaputra	SW225	Jamalpur	06-Jan-95	11.64
Old Brahmaputra	SW225	Jamalpur	07-Jan-95	11.66
Old Brahmaputra	SW225	Jamalpur	08-Jan-95	11.65
Old Brahmaputra	SW225	Jamalpur	09-Jan-95	11.65
Old Brahmaputra	SW225	Jamalpur	10-Jan-95	11.65
Old Brahmaputra	SW225	Jamalpur	11-Jan-95	11.63
Old Brahmaputra	SW225	Jamalpur	12-Jan-95	11.63
Old Brahmaputra	SW225	Jamalpur	13-Jan-95	11.63
Old Brahmaputra	SW225	Jamalpur	14-Jan-95	11.63
Old Brahmaputra	SW225	Jamalpur	15-Jan-95	11.63
Old Brahmaputra	SW225	Jamalpur	16-Jan-95	11.63
Old Brahmaputra	SW225	Jamalpur	17-Jan-95	11.62
Old Brahmaputra	SW225	Jamalpur	18-Jan-95	11.62
Old Brahmaputra	SW225	Jamalpur	19-Jan-95	11.62
Old Brahmaputra	SW225	Jamalpur	20-Jan-95	11.61
Old Brahmaputra	SW225	Jamalpur	21-Jan-95	11.61
Old Brahmaputra	SW225	Jamalpur	22-Jan-95	11.61
Old Brahmaputra	SW225	Jamalpur	23-Jan-95	11.6
Old Brahmaputra	SW225	Jamalpur	24-Jan-95	11.6
Old Brahmaputra	SW225	Jamalpur	25-Jan-95	11.59
Old Brahmaputra	SW225	Jamalpur	26-Jan-95	11.59

Old Brahmaputra	SW225	Jamalpur	27-Jan-95	11.58
Old Brahmaputra	SW225	Jamalpur	28-Jan-95	11.58
Old Brahmaputra	SW225	Jamalpur	29-Jan-95	11.57
Old Brahmaputra	SW225	Jamalpur	30-Jan-95	11.57
Old Brahmaputra	SW225	Jamalpur	31-Jan-95	11.56
Old Brahmaputra	SW225	Jamalpur	01-Feb-95	11.56
Old Brahmaputra	SW225	Jamalpur	02-Feb-95	11.55
Old Brahmaputra	SW225	Jamalpur	03-Feb-95	11.54
Old Brahmaputra	SW225	Jamalpur	04-Feb-95	11.53
Old Brahmaputra	SW225	Jamalpur	05-Feb-95	11.52
Old Brahmaputra	SW225	Jamalpur	06-Feb-95	11.52
Old Brahmaputra	SW225	Jamalpur	07-Feb-95	11.51
Old Brahmaputra	SW225	Jamalpur	08-Feb-95	11.5
Old Brahmaputra	SW225	Jamalpur	09-Feb-95	11.5
Old Brahmaputra	SW225	Jamalpur	10-Feb-95	11.49
Old Brahmaputra	SW225	Jamalpur	11-Feb-95	11.48
Old Brahmaputra	SW225	Jamalpur	12-Feb-95	11.48
Old Brahmaputra	SW225	Jamalpur	13-Feb-95	11.47
Old Brahmaputra	SW225	Jamalpur	14-Feb-95	11.46
Old Brahmaputra	SW225	Jamalpur	15-Feb-95	11.45
Old Brahmaputra	SW225	Jamalpur	16-Feb-95	11.45
Old Brahmaputra	SW225	Jamalpur	17-Feb-95	11.45
Old Brahmaputra	SW225	Jamalpur	18-Feb-95	11.44
Old Brahmaputra	SW225	Jamalpur	19-Feb-95	11.44
Old Brahmaputra	SW225	Jamalpur	20-Feb-95	11.43
Old Brahmaputra	SW225	Jamalpur	21-Feb-95	11.42
Old Brahmaputra	SW225	Jamalpur	22-Feb-95	11.42
Old Brahmaputra	SW225	Jamalpur	23-Feb-95	11.42
Old Brahmaputra	SW225	Jamalpur	24-Feb-95	11.42
Old Brahmaputra	SW225	Jamalpur	25-Feb-95	11.41
Old Brahmaputra	SW225	Jamalpur	26-Feb-95	11.41
Old Brahmaputra	SW225	Jamalpur	27-Feb-95	11.4
Old Brahmaputra	SW225	Jamalpur	28-Feb-95	11.4
Old Brahmaputra	SW225	Jamalpur	01-Mar-95	11.39
Old Brahmaputra	SW225	Jamalpur	02-Mar-95	11.39
Old Brahmaputra	SW225	Jamalpur	03-Mar-95	11.38
Old Brahmaputra	SW225	Jamalpur	04-Mar-95	11.38
Old Brahmaputra	SW225	Jamalpur	05-Mar-95	11.38
Old Brahmaputra	SW225	Jamalpur	06-Mar-95	11.38
Old Brahmaputra	SW225	Jamalpur	07-Mar-95	11.37
Old Brahmaputra	SW225	Jamalpur	08-Mar-95	11.37
Old Brahmaputra	SW225	Jamalpur	09-Mar-95	11.37
Old Brahmaputra	SW225	Jamalpur	10-Mar-95	11.37
Old Brahmaputra	SW225	Jamalpur	11-Mar-95	11.36
Old Brahmaputra	SW225	Jamalpur	12-Mar-95	11.36
Old Brahmaputra	SW225	Jamalpur	13-Mar-95	11.36
Old Brahmaputra	SW225	Jamalpur	14-Mar-95	11.36
Old Brahmaputra	SW225	Jamalpur	15-Mar-95	11.36
Old Brahmaputra	SW225	Jamalpur	16-Mar-95	11.35
Old Brahmaputra	SW225	Jamalpur	17-Mar-95	11.35

Old Brahmaputra	SW225	Jamalpur	18-Mar-95	11.35
Old Brahmaputra	SW225	Jamalpur	19-Mar-95	11.35
Old Brahmaputra	SW225	Jamalpur	20-Mar-95	11.35
Old Brahmaputra	SW225	Jamalpur	21-Mar-95	11.34
Old Brahmaputra	SW225	Jamalpur	22-Mar-95	11.34
Old Brahmaputra	SW225	Jamalpur	23-Mar-95	11.34
Old Brahmaputra	SW225	Jamalpur	24-Mar-95	11.33
Old Brahmaputra	SW225	Jamalpur	25-Mar-95	11.33
Old Brahmaputra	SW225	Jamalpur	26-Mar-95	11.33
Old Brahmaputra	SW225	Jamalpur	27-Mar-95	11.32
Old Brahmaputra	SW225	Jamalpur	28-Mar-95	11.33
Old Brahmaputra	SW225	Jamalpur	29-Mar-95	11.32
Old Brahmaputra	SW225	Jamalpur	30-Mar-95	11.33
Old Brahmaputra	SW225	Jamalpur	31-Mar-95	11.37
Old Brahmaputra	SW225	Jamalpur	01-Apr-95	11.37
Old Brahmaputra	SW225	Jamalpur	02-Apr-95	11.36
Old Brahmaputra	SW225	Jamalpur	03-Apr-95	11.35
Old Brahmaputra	SW225	Jamalpur	04-Apr-95	11.34
Old Brahmaputra	SW225	Jamalpur	05-Apr-95	11.33
Old Brahmaputra	SW225	Jamalpur	06-Apr-95	11.32
Old Brahmaputra	SW225	Jamalpur	07-Apr-95	11.32
Old Brahmaputra	SW225	Jamalpur	08-Apr-95	11.32
Old Brahmaputra	SW225	Jamalpur	09-Apr-95	11.31
Old Brahmaputra	SW225	Jamalpur	10-Apr-95	11.31
Old Brahmaputra	SW225	Jamalpur	11-Apr-95	11.31
Old Brahmaputra	SW225	Jamalpur	12-Apr-95	11.3
Old Brahmaputra	SW225	Jamalpur	13-Apr-95	11.3
Old Brahmaputra	SW225	Jamalpur	14-Apr-95	11.3
Old Brahmaputra	SW225	Jamalpur	15-Apr-95	11.3
Old Brahmaputra	SW225	Jamalpur	16-Apr-95	11.3
Old Brahmaputra	SW225	Jamalpur	17-Apr-95	11.3
Old Brahmaputra	SW225	Jamalpur	18-Apr-95	11.3
Old Brahmaputra	SW225	Jamalpur	19-Apr-95	11.29
Old Brahmaputra	SW225	Jamalpur	20-Apr-95	11.29
Old Brahmaputra	SW225	Jamalpur	21-Apr-95	11.28
Old Brahmaputra	SW225	Jamalpur	22-Apr-95	11.28
Old Brahmaputra	SW225	Jamalpur	23-Apr-95	11.27
Old Brahmaputra	SW225	Jamalpur	24-Apr-95	11.27
Old Brahmaputra	SW225	Jamalpur	25-Apr-95	11.28
Old Brahmaputra	SW225	Jamalpur	26-Apr-95	11.28
Old Brahmaputra	SW225	Jamalpur	27-Apr-95	11.28
Old Brahmaputra	SW225	Jamalpur	28-Apr-95	11.27
Old Brahmaputra	SW225	Jamalpur	29-Apr-95	11.27
Old Brahmaputra	SW225	Jamalpur	30-Apr-95	11.27
Old Brahmaputra	SW225	Jamalpur	01-May-95	11.28
Old Brahmaputra	SW225	Jamalpur	02-May-95	11.27
Old Brahmaputra	SW225	Jamalpur	03-May-95	11.26
Old Brahmaputra	SW225	Jamalpur	04-May-95	11.26
Old Brahmaputra	SW225	Jamalpur	05-May-95	11.25
Old Brahmaputra	SW225	Jamalpur	06-May-95	11.36

Old Brahmaputra	SW225	Jamalpur	07-May-95	11.5
Old Brahmaputra	SW225	Jamalpur	08-May-95	11.66
Old Brahmaputra	SW225	Jamalpur	09-May-95	12.01
Old Brahmaputra	SW225	Jamalpur	10-May-95	12.32
Old Brahmaputra	SW225	Jamalpur	11-May-95	12.47
Old Brahmaputra	SW225	Jamalpur	12-May-95	12.56
Old Brahmaputra	SW225	Jamalpur	13-May-95	12.6
Old Brahmaputra	SW225	Jamalpur	14-May-95	12.53
Old Brahmaputra	SW225	Jamalpur	15-May-95	12.41
Old Brahmaputra	SW225	Jamalpur	16-May-95	12.32
Old Brahmaputra	SW225	Jamalpur	17-May-95	12.25
Old Brahmaputra	SW225	Jamalpur	18-May-95	12.19
Old Brahmaputra	SW225	Jamalpur	19-May-95	12.15
Old Brahmaputra	SW225	Jamalpur	20-May-95	12.24
Old Brahmaputra	SW225	Jamalpur	21-May-95	12.57
Old Brahmaputra	SW225	Jamalpur	22-May-95	12.99
Old Brahmaputra	SW225	Jamalpur	23-May-95	13.29
Old Brahmaputra	SW225	Jamalpur	24-May-95	13.47
Old Brahmaputra	SW225	Jamalpur	25-May-95	13.66
Old Brahmaputra	SW225	Jamalpur	26-May-95	13.84
Old Brahmaputra	SW225	Jamalpur	27-May-95	13.94
Old Brahmaputra	SW225	Jamalpur	28-May-95	13.97
Old Brahmaputra	SW225	Jamalpur	29-May-95	13.92
Old Brahmaputra	SW225	Jamalpur	30-May-95	13.8
Old Brahmaputra	SW225	Jamalpur	31-May-95	13.65
Old Brahmaputra	SW225	Jamalpur	01-Jun-95	13.51
Old Brahmaputra	SW225	Jamalpur	02-Jun-95	13.39
Old Brahmaputra	SW225	Jamalpur	03-Jun-95	13.3
Old Brahmaputra	SW225	Jamalpur	04-Jun-95	13.33
Old Brahmaputra	SW225	Jamalpur	05-Jun-95	13.38
Old Brahmaputra	SW225	Jamalpur	06-Jun-95	13.33
Old Brahmaputra	SW225	Jamalpur	07-Jun-95	13.17
Old Brahmaputra	SW225	Jamalpur	08-Jun-95	13.09
Old Brahmaputra	SW225	Jamalpur	09-Jun-95	13.06
Old Brahmaputra	SW225	Jamalpur	10-Jun-95	13.09
Old Brahmaputra	SW225	Jamalpur	11-Jun-95	13.11
Old Brahmaputra	SW225	Jamalpur	12-Jun-95	13.15
Old Brahmaputra	SW225	Jamalpur	13-Jun-95	13.25
Old Brahmaputra	SW225	Jamalpur	14-Jun-95	13.38
Old Brahmaputra	SW225	Jamalpur	15-Jun-95	13.68
Old Brahmaputra	SW225	Jamalpur	16-Jun-95	14.09
Old Brahmaputra	SW225	Jamalpur	17-Jun-95	14.88
Old Brahmaputra	SW225	Jamalpur	18-Jun-95	15.28
Old Brahmaputra	SW225	Jamalpur	19-Jun-95	15.66
Old Brahmaputra	SW225	Jamalpur	20-Jun-95	15.79
Old Brahmaputra	SW225	Jamalpur	21-Jun-95	15.85
Old Brahmaputra	SW225	Jamalpur	22-Jun-95	15.91
Old Brahmaputra	SW225	Jamalpur	23-Jun-95	15.93
Old Brahmaputra	SW225	Jamalpur	24-Jun-95	15.91
Old Brahmaputra	SW225	Jamalpur	25-Jun-95	15.88

Old Brahmaputra	SW225	Jamalpur	26-Jun-95	15.86
Old Brahmaputra	SW225	Jamalpur	27-Jun-95	15.84
Old Brahmaputra	SW225	Jamalpur	28-Jun-95	15.79
Old Brahmaputra	SW225	Jamalpur	29-Jun-95	15.7
Old Brahmaputra	SW225	Jamalpur	30-Jun-95	15.6
Old Brahmaputra	SW225	Jamalpur	01-Jul-95	15.53
Old Brahmaputra	SW225	Jamalpur	02-Jul-95	15.58
Old Brahmaputra	SW225	Jamalpur	03-Jul-95	15.71
Old Brahmaputra	SW225	Jamalpur	04-Jul-95	15.84
Old Brahmaputra	SW225	Jamalpur	05-Jul-95	16.01
Old Brahmaputra	SW225	Jamalpur	06-Jul-95	16.31
Old Brahmaputra	SW225	Jamalpur	07-Jul-95	16.54
Old Brahmaputra	SW225	Jamalpur	08-Jul-95	16.82
Old Brahmaputra	SW225	Jamalpur	09-Jul-95	17.1
Old Brahmaputra	SW225	Jamalpur	10-Jul-95	17.34
Old Brahmaputra	SW225	Jamalpur	11-Jul-95	17.44
Old Brahmaputra	SW225	Jamalpur	12-Jul-95	17.43
Old Brahmaputra	SW225	Jamalpur	13-Jul-95	17.35
Old Brahmaputra	SW225	Jamalpur	14-Jul-95	17.21
Old Brahmaputra	SW225	Jamalpur	15-Jul-95	17.03
Old Brahmaputra	SW225	Jamalpur	16-Jul-95	16.85
Old Brahmaputra	SW225	Jamalpur	17-Jul-95	16.69
Old Brahmaputra	SW225	Jamalpur	18-Jul-95	16.53
Old Brahmaputra	SW225	Jamalpur	19-Jul-95	16.43
Old Brahmaputra	SW225	Jamalpur	20-Jul-95	16.35
Old Brahmaputra	SW225	Jamalpur	21-Jul-95	16.28
Old Brahmaputra	SW225	Jamalpur	22-Jul-95	16.2
Old Brahmaputra	SW225	Jamalpur	23-Jul-95	16.13
Old Brahmaputra	SW225	Jamalpur	24-Jul-95	16.06
Old Brahmaputra	SW225	Jamalpur	25-Jul-95	15.96
Old Brahmaputra	SW225	Jamalpur	26-Jul-95	15.82
Old Brahmaputra	SW225	Jamalpur	27-Jul-95	15.7
Old Brahmaputra	SW225	Jamalpur	28-Jul-95	15.59
Old Brahmaputra	SW225	Jamalpur	29-Jul-95	15.48
Old Brahmaputra	SW225	Jamalpur	30-Jul-95	15.38
Old Brahmaputra	SW225	Jamalpur	31-Jul-95	15.26
Old Brahmaputra	SW225	Jamalpur	01-Aug-95	15.15
Old Brahmaputra	SW225	Jamalpur	02-Aug-95	15.15
Old Brahmaputra	SW225	Jamalpur	03-Aug-95	15.09
Old Brahmaputra	SW225	Jamalpur	04-Aug-95	15.01
Old Brahmaputra	SW225	Jamalpur	05-Aug-95	15.01
Old Brahmaputra	SW225	Jamalpur	06-Aug-95	15
Old Brahmaputra	SW225	Jamalpur	07-Aug-95	14.88
Old Brahmaputra	SW225	Jamalpur	08-Aug-95	14.73
Old Brahmaputra	SW225	Jamalpur	09-Aug-95	14.57
Old Brahmaputra	SW225	Jamalpur	10-Aug-95	14.48
Old Brahmaputra	SW225	Jamalpur	11-Aug-95	14.48
Old Brahmaputra	SW225	Jamalpur	12-Aug-95	14.61
Old Brahmaputra	SW225	Jamalpur	13-Aug-95	15.37
Old Brahmaputra	SW225	Jamalpur	14-Aug-95	15.72

Old Brahmaputra	SW225	Jamalpur	15-Aug-95	15.97
Old Brahmaputra	SW225	Jamalpur	16-Aug-95	16.14
Old Brahmaputra	SW225	Jamalpur	17-Aug-95	16.34
Old Brahmaputra	SW225	Jamalpur	18-Aug-95	16.51
Old Brahmaputra	SW225	Jamalpur	19-Aug-95	16.59
Old Brahmaputra	SW225	Jamalpur	20-Aug-95	16.55
Old Brahmaputra	SW225	Jamalpur	21-Aug-95	16.46
Old Brahmaputra	SW225	Jamalpur	22-Aug-95	16.35
Old Brahmaputra	SW225	Jamalpur	23-Aug-95	16.25
Old Brahmaputra	SW225	Jamalpur	24-Aug-95	16.11
Old Brahmaputra	SW225	Jamalpur	25-Aug-95	15.93
Old Brahmaputra	SW225	Jamalpur	26-Aug-95	15.71
Old Brahmaputra	SW225	Jamalpur	27-Aug-95	15.5
Old Brahmaputra	SW225	Jamalpur	28-Aug-95	15.32
Old Brahmaputra	SW225	Jamalpur	29-Aug-95	15.2
Old Brahmaputra	SW225	Jamalpur	30-Aug-95	15.1
Old Brahmaputra	SW225	Jamalpur	31-Aug-95	15.04
Old Brahmaputra	SW225	Jamalpur	01-Sep-95	14.97
Old Brahmaputra	SW225	Jamalpur	02-Sep-95	14.88
Old Brahmaputra	SW225	Jamalpur	03-Sep-95	14.77
Old Brahmaputra	SW225	Jamalpur	04-Sep-95	14.64
Old Brahmaputra	SW225	Jamalpur	05-Sep-95	14.51
Old Brahmaputra	SW225	Jamalpur	06-Sep-95	14.41
Old Brahmaputra	SW225	Jamalpur	07-Sep-95	14.37
Old Brahmaputra	SW225	Jamalpur	08-Sep-95	14.34
Old Brahmaputra	SW225	Jamalpur	09-Sep-95	14.32
Old Brahmaputra	SW225	Jamalpur	10-Sep-95	14.22
Old Brahmaputra	SW225	Jamalpur	11-Sep-95	14.15
Old Brahmaputra	SW225	Jamalpur	12-Sep-95	14.14
Old Brahmaputra	SW225	Jamalpur	13-Sep-95	14.21
Old Brahmaputra	SW225	Jamalpur	14-Sep-95	14.28
Old Brahmaputra	SW225	Jamalpur	15-Sep-95	14.27
Old Brahmaputra	SW225	Jamalpur	16-Sep-95	14.13
Old Brahmaputra	SW225	Jamalpur	17-Sep-95	14.09
Old Brahmaputra	SW225	Jamalpur	18-Sep-95	14.08
Old Brahmaputra	SW225	Jamalpur	19-Sep-95	14.07
Old Brahmaputra	SW225	Jamalpur	20-Sep-95	14.05
Old Brahmaputra	SW225	Jamalpur	21-Sep-95	14.19
Old Brahmaputra	SW225	Jamalpur	22-Sep-95	14.43
Old Brahmaputra	SW225	Jamalpur	23-Sep-95	14.74
Old Brahmaputra	SW225	Jamalpur	24-Sep-95	15.04
Old Brahmaputra	SW225	Jamalpur	25-Sep-95	15.2
Old Brahmaputra	SW225	Jamalpur	26-Sep-95	15.3
Old Brahmaputra	SW225	Jamalpur	27-Sep-95	15.41
Old Brahmaputra	SW225	Jamalpur	28-Sep-95	15.58
Old Brahmaputra	SW225	Jamalpur	29-Sep-95	15.78
Old Brahmaputra	SW225	Jamalpur	30-Sep-95	15.92
Old Brahmaputra	SW225	Jamalpur	01-Oct-95	15.94
Old Brahmaputra	SW225	Jamalpur	02-Oct-95	15.89
Old Brahmaputra	SW225	Jamalpur	03-Oct-95	15.79

Old Brahmaputra	SW225	Jamalpur	04-Oct-95	15.66
Old Brahmaputra	SW225	Jamalpur	05-Oct-95	15.49
Old Brahmaputra	SW225	Jamalpur	06-Oct-95	15.29
Old Brahmaputra	SW225	Jamalpur	07-Oct-95	15.1
Old Brahmaputra	SW225	Jamalpur	08-Oct-95	14.85
Old Brahmaputra	SW225	Jamalpur	09-Oct-95	14.56
Old Brahmaputra	SW225	Jamalpur	10-Oct-95	14.26
Old Brahmaputra	SW225	Jamalpur	11-Oct-95	14.02
Old Brahmaputra	SW225	Jamalpur	12-Oct-95	13.82
Old Brahmaputra	SW225	Jamalpur	13-Oct-95	13.65
Old Brahmaputra	SW225	Jamalpur	14-Oct-95	13.53
Old Brahmaputra	SW225	Jamalpur	15-Oct-95	13.42
Old Brahmaputra	SW225	Jamalpur	16-Oct-95	13.29
Old Brahmaputra	SW225	Jamalpur	17-Oct-95	13.17
Old Brahmaputra	SW225	Jamalpur	18-Oct-95	13.08
Old Brahmaputra	SW225	Jamalpur	19-Oct-95	13.02
Old Brahmaputra	SW225	Jamalpur	20-Oct-95	12.96
Old Brahmaputra	SW225	Jamalpur	21-Oct-95	12.98
Old Brahmaputra	SW225	Jamalpur	22-Oct-95	12.91
Old Brahmaputra	SW225	Jamalpur	23-Oct-95	12.83
Old Brahmaputra	SW225	Jamalpur	24-Oct-95	12.77
Old Brahmaputra	SW225	Jamalpur	25-Oct-95	12.75
Old Brahmaputra	SW225	Jamalpur	26-Oct-95	12.78
Old Brahmaputra	SW225	Jamalpur	27-Oct-95	12.78
Old Brahmaputra	SW225	Jamalpur	28-Oct-95	12.71
Old Brahmaputra	SW225	Jamalpur	29-Oct-95	12.63
Old Brahmaputra	SW225	Jamalpur	30-Oct-95	12.56
Old Brahmaputra	SW225	Jamalpur	31-Oct-95	12.49
Old Brahmaputra	SW225	Jamalpur	01-Nov-95	12.44
Old Brahmaputra	SW225	Jamalpur	02-Nov-95	12.41
Old Brahmaputra	SW225	Jamalpur	03-Nov-95	12.4
Old Brahmaputra	SW225	Jamalpur	04-Nov-95	12.38
Old Brahmaputra	SW225	Jamalpur	05-Nov-95	12.36
Old Brahmaputra	SW225	Jamalpur	06-Nov-95	12.34
Old Brahmaputra	SW225	Jamalpur	07-Nov-95	12.33
Old Brahmaputra	SW225	Jamalpur	08-Nov-95	12.31
Old Brahmaputra	SW225	Jamalpur	09-Nov-95	12.3
Old Brahmaputra	SW225	Jamalpur	10-Nov-95	12.35
Old Brahmaputra	SW225	Jamalpur	11-Nov-95	12.36
Old Brahmaputra	SW225	Jamalpur	12-Nov-95	12.31
Old Brahmaputra	SW225	Jamalpur	13-Nov-95	12.29
Old Brahmaputra	SW225	Jamalpur	14-Nov-95	12.28
Old Brahmaputra	SW225	Jamalpur	15-Nov-95	12.24
Old Brahmaputra	SW225	Jamalpur	16-Nov-95	12.2
Old Brahmaputra	SW225	Jamalpur	17-Nov-95	12.17
Old Brahmaputra	SW225	Jamalpur	18-Nov-95	12.15
Old Brahmaputra	SW225	Jamalpur	19-Nov-95	12.13
Old Brahmaputra	SW225	Jamalpur	20-Nov-95	12.12
Old Brahmaputra	SW225	Jamalpur	21-Nov-95	12.1
Old Brahmaputra	SW225	Jamalpur	22-Nov-95	12.09

Old Brahmaputra	SW225	Jamalpur	23-Nov-95	12.07
Old Brahmaputra	SW225	Jamalpur	24-Nov-95	12.06
Old Brahmaputra	SW225	Jamalpur	25-Nov-95	12.05
Old Brahmaputra	SW225	Jamalpur	26-Nov-95	12.04
Old Brahmaputra	SW225	Jamalpur	27-Nov-95	12.03
Old Brahmaputra	SW225	Jamalpur	28-Nov-95	12.02
Old Brahmaputra	SW225	Jamalpur	29-Nov-95	12
Old Brahmaputra	SW225	Jamalpur	30-Nov-95	11.99
Old Brahmaputra	SW225	Jamalpur	01-Dec-95	11.99
Old Brahmaputra	SW225	Jamalpur	02-Dec-95	11.98
Old Brahmaputra	SW225	Jamalpur	03-Dec-95	11.97
Old Brahmaputra	SW225	Jamalpur	04-Dec-95	11.96
Old Brahmaputra	SW225	Jamalpur	05-Dec-95	11.95
Old Brahmaputra	SW225	Jamalpur	06-Dec-95	11.95
Old Brahmaputra	SW225	Jamalpur	07-Dec-95	11.94
Old Brahmaputra	SW225	Jamalpur	08-Dec-95	11.93
Old Brahmaputra	SW225	Jamalpur	09-Dec-95	11.93
Old Brahmaputra	SW225	Jamalpur	10-Dec-95	11.92
Old Brahmaputra	SW225	Jamalpur	11-Dec-95	11.91
Old Brahmaputra	SW225	Jamalpur	12-Dec-95	11.91
Old Brahmaputra	SW225	Jamalpur	13-Dec-95	11.9
Old Brahmaputra	SW225	Jamalpur	14-Dec-95	11.89
Old Brahmaputra	SW225	Jamalpur	15-Dec-95	11.89
Old Brahmaputra	SW225	Jamalpur	16-Dec-95	11.88
Old Brahmaputra	SW225	Jamalpur	17-Dec-95	11.88
Old Brahmaputra	SW225	Jamalpur	18-Dec-95	11.89
Old Brahmaputra	SW225	Jamalpur	19-Dec-95	11.88
Old Brahmaputra	SW225	Jamalpur	20-Dec-95	11.87
Old Brahmaputra	SW225	Jamalpur	21-Dec-95	11.86
Old Brahmaputra	SW225	Jamalpur	22-Dec-95	11.87
Old Brahmaputra	SW225	Jamalpur	23-Dec-95	11.88
Old Brahmaputra	SW225	Jamalpur	24-Dec-95	11.87
Old Brahmaputra	SW225	Jamalpur	25-Dec-95	11.87
Old Brahmaputra	SW225	Jamalpur	26-Dec-95	11.86
Old Brahmaputra	SW225	Jamalpur	27-Dec-95	11.85
Old Brahmaputra	SW225	Jamalpur	28-Dec-95	11.85
Old Brahmaputra	SW225	Jamalpur	29-Dec-95	11.85
Old Brahmaputra	SW225	Jamalpur	30-Dec-95	11.85
Old Brahmaputra	SW225	Jamalpur	31-Dec-95	11.84
Old Brahmaputra	SW225	Jamalpur	01-Jan-96	11.83
Old Brahmaputra	SW225	Jamalpur	02-Jan-96	11.83
Old Brahmaputra	SW225	Jamalpur	03-Jan-96	11.83
Old Brahmaputra	SW225	Jamalpur	04-Jan-96	11.82
Old Brahmaputra	SW225	Jamalpur	05-Jan-96	11.82
Old Brahmaputra	SW225	Jamalpur	06-Jan-96	11.82
Old Brahmaputra	SW225	Jamalpur	07-Jan-96	11.81
Old Brahmaputra	SW225	Jamalpur	08-Jan-96	11.81
Old Brahmaputra	SW225	Jamalpur	09-Jan-96	11.81
Old Brahmaputra	SW225	Jamalpur	10-Jan-96	11.8
Old Brahmaputra	SW225	Jamalpur	11-Jan-96	11.8

Old Brahmaputra	SW225	Jamalpur	12-Jan-96	11.8
Old Brahmaputra	SW225	Jamalpur	13-Jan-96	11.79
Old Brahmaputra	SW225	Jamalpur	14-Jan-96	11.79
Old Brahmaputra	SW225	Jamalpur	15-Jan-96	11.79
Old Brahmaputra	SW225	Jamalpur	16-Jan-96	11.78
Old Brahmaputra	SW225	Jamalpur	17-Jan-96	11.78
Old Brahmaputra	SW225	Jamalpur	18-Jan-96	11.77
Old Brahmaputra	SW225	Jamalpur	19-Jan-96	11.77
Old Brahmaputra	SW225	Jamalpur	20-Jan-96	11.76
Old Brahmaputra	SW225	Jamalpur	21-Jan-96	11.76
Old Brahmaputra	SW225	Jamalpur	22-Jan-96	11.76
Old Brahmaputra	SW225	Jamalpur	23-Jan-96	11.76
Old Brahmaputra	SW225	Jamalpur	24-Jan-96	11.75
Old Brahmaputra	SW225	Jamalpur	25-Jan-96	11.75
Old Brahmaputra	SW225	Jamalpur	26-Jan-96	11.74
Old Brahmaputra	SW225	Jamalpur	27-Jan-96	11.73
Old Brahmaputra	SW225	Jamalpur	28-Jan-96	11.73
Old Brahmaputra	SW225	Jamalpur	29-Jan-96	11.72
Old Brahmaputra	SW225	Jamalpur	30-Jan-96	11.71
Old Brahmaputra	SW225	Jamalpur	31-Jan-96	11.71
Old Brahmaputra	SW225	Jamalpur	01-Feb-96	11.7
Old Brahmaputra	SW225	Jamalpur	02-Feb-96	11.7
Old Brahmaputra	SW225	Jamalpur	03-Feb-96	11.69
Old Brahmaputra	SW225	Jamalpur	04-Feb-96	11.68
Old Brahmaputra	SW225	Jamalpur	05-Feb-96	11.68
Old Brahmaputra	SW225	Jamalpur	06-Feb-96	11.67
Old Brahmaputra	SW225	Jamalpur	07-Feb-96	11.66
Old Brahmaputra	SW225	Jamalpur	08-Feb-96	11.66
Old Brahmaputra	SW225	Jamalpur	09-Feb-96	11.65
Old Brahmaputra	SW225	Jamalpur	10-Feb-96	11.64
Old Brahmaputra	SW225	Jamalpur	11-Feb-96	11.63
Old Brahmaputra	SW225	Jamalpur	12-Feb-96	11.62
Old Brahmaputra	SW225	Jamalpur	13-Feb-96	11.61
Old Brahmaputra	SW225	Jamalpur	14-Feb-96	11.61
Old Brahmaputra	SW225	Jamalpur	15-Feb-96	11.6
Old Brahmaputra	SW225	Jamalpur	16-Feb-96	11.6
Old Brahmaputra	SW225	Jamalpur	17-Feb-96	11.59
Old Brahmaputra	SW225	Jamalpur	18-Feb-96	11.58
Old Brahmaputra	SW225	Jamalpur	19-Feb-96	11.58
Old Brahmaputra	SW225	Jamalpur	20-Feb-96	11.58
Old Brahmaputra	SW225	Jamalpur	21-Feb-96	11.59
Old Brahmaputra	SW225	Jamalpur	22-Feb-96	11.6
Old Brahmaputra	SW225	Jamalpur	23-Feb-96	11.59
Old Brahmaputra	SW225	Jamalpur	24-Feb-96	11.58
Old Brahmaputra	SW225	Jamalpur	25-Feb-96	11.58
Old Brahmaputra	SW225	Jamalpur	26-Feb-96	11.58
Old Brahmaputra	SW225	Jamalpur	27-Feb-96	11.58
Old Brahmaputra	SW225	Jamalpur	28-Feb-96	11.57
Old Brahmaputra	SW225	Jamalpur	29-Feb-96	11.56
Old Brahmaputra	SW225	Jamalpur	01-Mar-96	11.56

Old Brahmaputra	SW225	Jamalpur	02-Mar-96	11.55
Old Brahmaputra	SW225	Jamalpur	03-Mar-96	11.55
Old Brahmaputra	SW225	Jamalpur	04-Mar-96	11.55
Old Brahmaputra	SW225	Jamalpur	05-Mar-96	11.55
Old Brahmaputra	SW225	Jamalpur	06-Mar-96	11.54
Old Brahmaputra	SW225	Jamalpur	07-Mar-96	11.53
Old Brahmaputra	SW225	Jamalpur	08-Mar-96	11.53
Old Brahmaputra	SW225	Jamalpur	09-Mar-96	11.52
Old Brahmaputra	SW225	Jamalpur	10-Mar-96	11.52
Old Brahmaputra	SW225	Jamalpur	11-Mar-96	11.52
Old Brahmaputra	SW225	Jamalpur	12-Mar-96	11.52
Old Brahmaputra	SW225	Jamalpur	13-Mar-96	11.51
Old Brahmaputra	SW225	Jamalpur	14-Mar-96	11.51
Old Brahmaputra	SW225	Jamalpur	15-Mar-96	11.51
Old Brahmaputra	SW225	Jamalpur	16-Mar-96	11.5
Old Brahmaputra	SW225	Jamalpur	17-Mar-96	11.5
Old Brahmaputra	SW225	Jamalpur	18-Mar-96	11.5
Old Brahmaputra	SW225	Jamalpur	19-Mar-96	11.49
Old Brahmaputra	SW225	Jamalpur	20-Mar-96	11.49
Old Brahmaputra	SW225	Jamalpur	21-Mar-96	11.48
Old Brahmaputra	SW225	Jamalpur	22-Mar-96	11.48
Old Brahmaputra	SW225	Jamalpur	23-Mar-96	11.48
Old Brahmaputra	SW225	Jamalpur	24-Mar-96	11.47
Old Brahmaputra	SW225	Jamalpur	25-Mar-96	11.47
Old Brahmaputra	SW225	Jamalpur	26-Mar-96	11.47
Old Brahmaputra	SW225	Jamalpur	27-Mar-96	11.47
Old Brahmaputra	SW225	Jamalpur	28-Mar-96	11.47
Old Brahmaputra	SW225	Jamalpur	29-Mar-96	11.47
Old Brahmaputra	SW225	Jamalpur	30-Mar-96	11.47
Old Brahmaputra	SW225	Jamalpur	31-Mar-96	11.51
Old Brahmaputra	SW225	Jamalpur	01-Apr-96	11.5
Old Brahmaputra	SW225	Jamalpur	02-Apr-96	11.5
Old Brahmaputra	SW225	Jamalpur	03-Apr-96	11.49
Old Brahmaputra	SW225	Jamalpur	04-Apr-96	11.48
Old Brahmaputra	SW225	Jamalpur	05-Apr-96	11.47
Old Brahmaputra	SW225	Jamalpur	06-Apr-96	11.46
Old Brahmaputra	SW225	Jamalpur	07-Apr-96	11.46
Old Brahmaputra	SW225	Jamalpur	08-Apr-96	11.46
Old Brahmaputra	SW225	Jamalpur	09-Apr-96	11.46
Old Brahmaputra	SW225	Jamalpur	10-Apr-96	11.45
Old Brahmaputra	SW225	Jamalpur	11-Apr-96	11.45
Old Brahmaputra	SW225	Jamalpur	12-Apr-96	11.44
Old Brahmaputra	SW225	Jamalpur	13-Apr-96	11.436
Old Brahmaputra	SW225	Jamalpur	14-Apr-96	11.43
Old Brahmaputra	SW225	Jamalpur	15-Apr-96	11.43
Old Brahmaputra	SW225	Jamalpur	16-Apr-96	11.42
Old Brahmaputra	SW225	Jamalpur	17-Apr-96	11.42
Old Brahmaputra	SW225	Jamalpur	18-Apr-96	11.42
Old Brahmaputra	SW225	Jamalpur	19-Apr-96	11.42
Old Brahmaputra	SW225	Jamalpur	20-Apr-96	11.42

Old Brahmaputra	SW225	Jamalpur	21-Apr-96	11.41
Old Brahmaputra	SW225	Jamalpur	22-Apr-96	11.41
Old Brahmaputra	SW225	Jamalpur	23-Apr-96	11.4
Old Brahmaputra	SW225	Jamalpur	24-Apr-96	11.41
Old Brahmaputra	SW225	Jamalpur	25-Apr-96	11.42
Old Brahmaputra	SW225	Jamalpur	26-Apr-96	11.45
Old Brahmaputra	SW225	Jamalpur	27-Apr-96	11.45
Old Brahmaputra	SW225	Jamalpur	28-Apr-96	11.45
Old Brahmaputra	SW225	Jamalpur	29-Apr-96	11.46
Old Brahmaputra	SW225	Jamalpur	30-Apr-96	11.46
Old Brahmaputra	SW225	Jamalpur	01-May-96	12.02
Old Brahmaputra	SW225	Jamalpur	02-May-96	12.216
Old Brahmaputra	SW225	Jamalpur	03-May-96	12.14
Old Brahmaputra	SW225	Jamalpur	04-May-96	12.048
Old Brahmaputra	SW225	Jamalpur	05-May-96	11.978
Old Brahmaputra	SW225	Jamalpur	06-May-96	11.934
Old Brahmaputra	SW225	Jamalpur	07-May-96	11.902
Old Brahmaputra	SW225	Jamalpur	08-May-96	11.884
Old Brahmaputra	SW225	Jamalpur	09-May-96	11.958
Old Brahmaputra	SW225	Jamalpur	10-May-96	12.068
Old Brahmaputra	SW225	Jamalpur	11-May-96	12.16
Old Brahmaputra	SW225	Jamalpur	12-May-96	12.272
Old Brahmaputra	SW225	Jamalpur	13-May-96	12.572
Old Brahmaputra	SW225	Jamalpur	14-May-96	12.922
Old Brahmaputra	SW225	Jamalpur	15-May-96	13.344
Old Brahmaputra	SW225	Jamalpur	16-May-96	13.636
Old Brahmaputra	SW225	Jamalpur	17-May-96	13.854
Old Brahmaputra	SW225	Jamalpur	18-May-96	13.968
Old Brahmaputra	SW225	Jamalpur	19-May-96	13.978
Old Brahmaputra	SW225	Jamalpur	20-May-96	13.858
Old Brahmaputra	SW225	Jamalpur	21-May-96	13.716
Old Brahmaputra	SW225	Jamalpur	22-May-96	13.67
Old Brahmaputra	SW225	Jamalpur	23-May-96	13.656
Old Brahmaputra	SW225	Jamalpur	24-May-96	13.642
Old Brahmaputra	SW225	Jamalpur	25-May-96	13.57
Old Brahmaputra	SW225	Jamalpur	26-May-96	13.454
Old Brahmaputra	SW225	Jamalpur	27-May-96	13.268
Old Brahmaputra	SW225	Jamalpur	28-May-96	13.102
Old Brahmaputra	SW225	Jamalpur	29-May-96	12.962
Old Brahmaputra	SW225	Jamalpur	30-May-96	12.948
Old Brahmaputra	SW225	Jamalpur	31-May-96	13.02
Old Brahmaputra	SW225	Jamalpur	01-Jun-96	13.108
Old Brahmaputra	SW225	Jamalpur	02-Jun-96	13.274
Old Brahmaputra	SW225	Jamalpur	03-Jun-96	13.604
Old Brahmaputra	SW225	Jamalpur	04-Jun-96	13.914
Old Brahmaputra	SW225	Jamalpur	05-Jun-96	14.106
Old Brahmaputra	SW225	Jamalpur	06-Jun-96	14.122
Old Brahmaputra	SW225	Jamalpur	07-Jun-96	14.026
Old Brahmaputra	SW225	Jamalpur	08-Jun-96	13.89
Old Brahmaputra	SW225	Jamalpur	09-Jun-96	13.78

Old Brahmaputra	SW225	Jamalpur	10-Jun-96	13.714
Old Brahmaputra	SW225	Jamalpur	11-Jun-96	13.652
Old Brahmaputra	SW225	Jamalpur	12-Jun-96	13.582
Old Brahmaputra	SW225	Jamalpur	13-Jun-96	13.45
Old Brahmaputra	SW225	Jamalpur	14-Jun-96	13.294
Old Brahmaputra	SW225	Jamalpur	15-Jun-96	13.148
Old Brahmaputra	SW225	Jamalpur	16-Jun-96	13.002
Old Brahmaputra	SW225	Jamalpur	17-Jun-96	12.888
Old Brahmaputra	SW225	Jamalpur	18-Jun-96	12.804
Old Brahmaputra	SW225	Jamalpur	19-Jun-96	12.762
Old Brahmaputra	SW225	Jamalpur	20-Jun-96	12.736
Old Brahmaputra	SW225	Jamalpur	21-Jun-96	12.686
Old Brahmaputra	SW225	Jamalpur	22-Jun-96	12.68
Old Brahmaputra	SW225	Jamalpur	23-Jun-96	12.67
Old Brahmaputra	SW225	Jamalpur	24-Jun-96	12.714
Old Brahmaputra	SW225	Jamalpur	25-Jun-96	12.8
Old Brahmaputra	SW225	Jamalpur	26-Jun-96	13.03
Old Brahmaputra	SW225	Jamalpur	27-Jun-96	13.572
Old Brahmaputra	SW225	Jamalpur	28-Jun-96	14.106
Old Brahmaputra	SW225	Jamalpur	29-Jun-96	14.668
Old Brahmaputra	SW225	Jamalpur	30-Jun-96	15.01
Old Brahmaputra	SW225	Jamalpur	01-Jul-96	15.242
Old Brahmaputra	SW225	Jamalpur	02-Jul-96	15.454
Old Brahmaputra	SW225	Jamalpur	03-Jul-96	15.534
Old Brahmaputra	SW225	Jamalpur	04-Jul-96	15.61
Old Brahmaputra	SW225	Jamalpur	05-Jul-96	15.74
Old Brahmaputra	SW225	Jamalpur	06-Jul-96	15.874
Old Brahmaputra	SW225	Jamalpur	07-Jul-96	16.006
Old Brahmaputra	SW225	Jamalpur	08-Jul-96	16.086
Old Brahmaputra	SW225	Jamalpur	09-Jul-96	16.104
Old Brahmaputra	SW225	Jamalpur	10-Jul-96	16.044
Old Brahmaputra	SW225	Jamalpur	11-Jul-96	15.99
Old Brahmaputra	SW225	Jamalpur	12-Jul-96	15.93
Old Brahmaputra	SW225	Jamalpur	13-Jul-96	15.906
Old Brahmaputra	SW225	Jamalpur	14-Jul-96	16.01
Old Brahmaputra	SW225	Jamalpur	15-Jul-96	16.234
Old Brahmaputra	SW225	Jamalpur	16-Jul-96	16.498
Old Brahmaputra	SW225	Jamalpur	17-Jul-96	16.63
Old Brahmaputra	SW225	Jamalpur	18-Jul-96	16.65
Old Brahmaputra	SW225	Jamalpur	19-Jul-96	16.668
Old Brahmaputra	SW225	Jamalpur	20-Jul-96	16.73
Old Brahmaputra	SW225	Jamalpur	21-Jul-96	16.768
Old Brahmaputra	SW225	Jamalpur	22-Jul-96	16.746
Old Brahmaputra	SW225	Jamalpur	23-Jul-96	16.69
Old Brahmaputra	SW225	Jamalpur	24-Jul-96	16.608
Old Brahmaputra	SW225	Jamalpur	25-Jul-96	16.522
Old Brahmaputra	SW225	Jamalpur	26-Jul-96	16.402
Old Brahmaputra	SW225	Jamalpur	27-Jul-96	16.278
Old Brahmaputra	SW225	Jamalpur	28-Jul-96	16.16
Old Brahmaputra	SW225	Jamalpur	29-Jul-96	16.008

Old Brahmaputra	SW225	Jamalpur	30-Jul-96	15.816
Old Brahmaputra	SW225	Jamalpur	31-Jul-96	15.594
Old Brahmaputra	SW225	Jamalpur	01-Aug-96	15.402
Old Brahmaputra	SW225	Jamalpur	02-Aug-96	15.258
Old Brahmaputra	SW225	Jamalpur	03-Aug-96	15.142
Old Brahmaputra	SW225	Jamalpur	04-Aug-96	15.08
Old Brahmaputra	SW225	Jamalpur	05-Aug-96	15.028
Old Brahmaputra	SW225	Jamalpur	06-Aug-96	14.95
Old Brahmaputra	SW225	Jamalpur	07-Aug-96	14.848
Old Brahmaputra	SW225	Jamalpur	08-Aug-96	14.718
Old Brahmaputra	SW225	Jamalpur	09-Aug-96	14.638
Old Brahmaputra	SW225	Jamalpur	10-Aug-96	14.588
Old Brahmaputra	SW225	Jamalpur	11-Aug-96	14.57
Old Brahmaputra	SW225	Jamalpur	12-Aug-96	14.57
Old Brahmaputra	SW225	Jamalpur	13-Aug-96	14.838
Old Brahmaputra	SW225	Jamalpur	14-Aug-96	15.03
Old Brahmaputra	SW225	Jamalpur	15-Aug-96	15.098
Old Brahmaputra	SW225	Jamalpur	16-Aug-96	15.166
Old Brahmaputra	SW225	Jamalpur	17-Aug-96	15.34
Old Brahmaputra	SW225	Jamalpur	18-Aug-96	15.488
Old Brahmaputra	SW225	Jamalpur	19-Aug-96	15.57
Old Brahmaputra	SW225	Jamalpur	20-Aug-96	15.63
Old Brahmaputra	SW225	Jamalpur	21-Aug-96	15.624
Old Brahmaputra	SW225	Jamalpur	22-Aug-96	15.58
Old Brahmaputra	SW225	Jamalpur	23-Aug-96	15.498
Old Brahmaputra	SW225	Jamalpur	24-Aug-96	15.4
Old Brahmaputra	SW225	Jamalpur	25-Aug-96	15.286
Old Brahmaputra	SW225	Jamalpur	26-Aug-96	15.142
Old Brahmaputra	SW225	Jamalpur	27-Aug-96	15.004
Old Brahmaputra	SW225	Jamalpur	28-Aug-96	14.852
Old Brahmaputra	SW225	Jamalpur	29-Aug-96	14.726
Old Brahmaputra	SW225	Jamalpur	30-Aug-96	14.56
Old Brahmaputra	SW225	Jamalpur	31-Aug-96	14.448
Old Brahmaputra	SW225	Jamalpur	01-Sep-96	14.62
Old Brahmaputra	SW225	Jamalpur	02-Sep-96	15.06
Old Brahmaputra	SW225	Jamalpur	03-Sep-96	15.264
Old Brahmaputra	SW225	Jamalpur	04-Sep-96	15.296
Old Brahmaputra	SW225	Jamalpur	05-Sep-96	15.26
Old Brahmaputra	SW225	Jamalpur	06-Sep-96	15.192
Old Brahmaputra	SW225	Jamalpur	07-Sep-96	15.12
Old Brahmaputra	SW225	Jamalpur	08-Sep-96	15.052
Old Brahmaputra	SW225	Jamalpur	09-Sep-96	15.022
Old Brahmaputra	SW225	Jamalpur	10-Sep-96	15.02
Old Brahmaputra	SW225	Jamalpur	11-Sep-96	15.02
Old Brahmaputra	SW225	Jamalpur	12-Sep-96	14.998
Old Brahmaputra	SW225	Jamalpur	13-Sep-96	14.96
Old Brahmaputra	SW225	Jamalpur	14-Sep-96	14.89
Old Brahmaputra	SW225	Jamalpur	15-Sep-96	14.77
Old Brahmaputra	SW225	Jamalpur	16-Sep-96	14.612
Old Brahmaputra	SW225	Jamalpur	17-Sep-96	14.434

Old Brahmaputra	SW225	Jamalpur	18-Sep-96	14.262
Old Brahmaputra	SW225	Jamalpur	19-Sep-96	14.12
Old Brahmaputra	SW225	Jamalpur	20-Sep-96	13.962
Old Brahmaputra	SW225	Jamalpur	21-Sep-96	13.826
Old Brahmaputra	SW225	Jamalpur	22-Sep-96	13.746
Old Brahmaputra	SW225	Jamalpur	23-Sep-96	13.606
Old Brahmaputra	SW225	Jamalpur	24-Sep-96	13.566
Old Brahmaputra	SW225	Jamalpur	25-Sep-96	13.502
Old Brahmaputra	SW225	Jamalpur	26-Sep-96	13.454
Old Brahmaputra	SW225	Jamalpur	27-Sep-96	13.43
Old Brahmaputra	SW225	Jamalpur	28-Sep-96	13.442
Old Brahmaputra	SW225	Jamalpur	29-Sep-96	13.608
Old Brahmaputra	SW225	Jamalpur	30-Sep-96	13.854
Old Brahmaputra	SW225	Jamalpur	01-Oct-96	13.87
Old Brahmaputra	SW225	Jamalpur	02-Oct-96	13.828
Old Brahmaputra	SW225	Jamalpur	03-Oct-96	13.774
Old Brahmaputra	SW225	Jamalpur	04-Oct-96	13.846
Old Brahmaputra	SW225	Jamalpur	05-Oct-96	14.01
Old Brahmaputra	SW225	Jamalpur	06-Oct-96	14.156
Old Brahmaputra	SW225	Jamalpur	07-Oct-96	14.186
Old Brahmaputra	SW225	Jamalpur	08-Oct-96	14.108
Old Brahmaputra	SW225	Jamalpur	09-Oct-96	13.998
Old Brahmaputra	SW225	Jamalpur	10-Oct-96	13.924
Old Brahmaputra	SW225	Jamalpur	11-Oct-96	13.858
Old Brahmaputra	SW225	Jamalpur	12-Oct-96	13.824
Old Brahmaputra	SW225	Jamalpur	13-Oct-96	13.862
Old Brahmaputra	SW225	Jamalpur	14-Oct-96	13.9
Old Brahmaputra	SW225	Jamalpur	15-Oct-96	13.83
Old Brahmaputra	SW225	Jamalpur	16-Oct-96	13.662
Old Brahmaputra	SW225	Jamalpur	17-Oct-96	13.476
Old Brahmaputra	SW225	Jamalpur	18-Oct-96	13.29
Old Brahmaputra	SW225	Jamalpur	19-Oct-96	13.134
Old Brahmaputra	SW225	Jamalpur	20-Oct-96	12.986
Old Brahmaputra	SW225	Jamalpur	21-Oct-96	12.866
Old Brahmaputra	SW225	Jamalpur	22-Oct-96	12.768
Old Brahmaputra	SW225	Jamalpur	23-Oct-96	12.696
Old Brahmaputra	SW225	Jamalpur	24-Oct-96	12.624
Old Brahmaputra	SW225	Jamalpur	25-Oct-96	12.564
Old Brahmaputra	SW225	Jamalpur	26-Oct-96	12.512
Old Brahmaputra	SW225	Jamalpur	27-Oct-96	12.45
Old Brahmaputra	SW225	Jamalpur	28-Oct-96	12.426
Old Brahmaputra	SW225	Jamalpur	29-Oct-96	12.802
Old Brahmaputra	SW225	Jamalpur	30-Oct-96	12.868
Old Brahmaputra	SW225	Jamalpur	31-Oct-96	12.844
Old Brahmaputra	SW225	Jamalpur	01-Nov-96	12.844
Old Brahmaputra	SW225	Jamalpur	02-Nov-96	12.882
Old Brahmaputra	SW225	Jamalpur	03-Nov-96	12.9
Old Brahmaputra	SW225	Jamalpur	04-Nov-96	12.864
Old Brahmaputra	SW225	Jamalpur	05-Nov-96	12.852
Old Brahmaputra	SW225	Jamalpur	06-Nov-96	12.842

Old Brahmaputra	SW225	Jamalpur	07-Nov-96	12.834
Old Brahmaputra	SW225	Jamalpur	08-Nov-96	12.768
Old Brahmaputra	SW225	Jamalpur	09-Nov-96	12.676
Old Brahmaputra	SW225	Jamalpur	10-Nov-96	12.584
Old Brahmaputra	SW225	Jamalpur	11-Nov-96	12.504
Old Brahmaputra	SW225	Jamalpur	12-Nov-96	12.432
Old Brahmaputra	SW225	Jamalpur	13-Nov-96	12.382
Old Brahmaputra	SW225	Jamalpur	14-Nov-96	12.334
Old Brahmaputra	SW225	Jamalpur	15-Nov-96	12.296
Old Brahmaputra	SW225	Jamalpur	16-Nov-96	12.264
Old Brahmaputra	SW225	Jamalpur	17-Nov-96	12.228
Old Brahmaputra	SW225	Jamalpur	18-Nov-96	12.204
Old Brahmaputra	SW225	Jamalpur	19-Nov-96	12.176
Old Brahmaputra	SW225	Jamalpur	20-Nov-96	12.164
Old Brahmaputra	SW225	Jamalpur	21-Nov-96	12.144
Old Brahmaputra	SW225	Jamalpur	22-Nov-96	12.13
Old Brahmaputra	SW225	Jamalpur	23-Nov-96	12.11
Old Brahmaputra	SW225	Jamalpur	24-Nov-96	12.096
Old Brahmaputra	SW225	Jamalpur	25-Nov-96	12.084
Old Brahmaputra	SW225	Jamalpur	26-Nov-96	12.074
Old Brahmaputra	SW225	Jamalpur	27-Nov-96	12.06
Old Brahmaputra	SW225	Jamalpur	28-Nov-96	12.052
Old Brahmaputra	SW225	Jamalpur	29-Nov-96	12.04
Old Brahmaputra	SW225	Jamalpur	30-Nov-96	12.036
Old Brahmaputra	SW225	Jamalpur	01-Dec-96	12.024
Old Brahmaputra	SW225	Jamalpur	02-Dec-96	12.01
Old Brahmaputra	SW225	Jamalpur	03-Dec-96	12
Old Brahmaputra	SW225	Jamalpur	04-Dec-96	11.986
Old Brahmaputra	SW225	Jamalpur	05-Dec-96	11.98
Old Brahmaputra	SW225	Jamalpur	06-Dec-96	11.966
Old Brahmaputra	SW225	Jamalpur	07-Dec-96	11.956
Old Brahmaputra	SW225	Jamalpur	08-Dec-96	11.946
Old Brahmaputra	SW225	Jamalpur	09-Dec-96	11.94
Old Brahmaputra	SW225	Jamalpur	10-Dec-96	11.93
Old Brahmaputra	SW225	Jamalpur	11-Dec-96	11.92
Old Brahmaputra	SW225	Jamalpur	12-Dec-96	11.91
Old Brahmaputra	SW225	Jamalpur	13-Dec-96	11.91
Old Brahmaputra	SW225	Jamalpur	14-Dec-96	11.9
Old Brahmaputra	SW225	Jamalpur	15-Dec-96	11.894
Old Brahmaputra	SW225	Jamalpur	16-Dec-96	11.886
Old Brahmaputra	SW225	Jamalpur	17-Dec-96	11.878
Old Brahmaputra	SW225	Jamalpur	18-Dec-96	11.87
Old Brahmaputra	SW225	Jamalpur	19-Dec-96	11.86
Old Brahmaputra	SW225	Jamalpur	20-Dec-96	11.85
Old Brahmaputra	SW225	Jamalpur	21-Dec-96	11.84
Old Brahmaputra	SW225	Jamalpur	22-Dec-96	11.83
Old Brahmaputra	SW225	Jamalpur	23-Dec-96	11.82
Old Brahmaputra	SW225	Jamalpur	24-Dec-96	11.82
Old Brahmaputra	SW225	Jamalpur	25-Dec-96	11.81
Old Brahmaputra	SW225	Jamalpur	26-Dec-96	11.82

Old Brahmaputra	SW225	Jamalpur	27-Dec-96	11.82
Old Brahmaputra	SW225	Jamalpur	28-Dec-96	11.81
Old Brahmaputra	SW225	Jamalpur	29-Dec-96	11.8
Old Brahmaputra	SW225	Jamalpur	30-Dec-96	11.8
Old Brahmaputra	SW225	Jamalpur	31-Dec-96	11.79
Old Brahmaputra	SW225	Jamalpur	01-Jan-97	11.78
Old Brahmaputra	SW225	Jamalpur	02-Jan-97	11.78
Old Brahmaputra	SW225	Jamalpur	03-Jan-97	11.77
Old Brahmaputra	SW225	Jamalpur	04-Jan-97	11.77
Old Brahmaputra	SW225	Jamalpur	05-Jan-97	11.76
Old Brahmaputra	SW225	Jamalpur	06-Jan-97	11.75
Old Brahmaputra	SW225	Jamalpur	07-Jan-97	11.75
Old Brahmaputra	SW225	Jamalpur	08-Jan-97	11.74
Old Brahmaputra	SW225	Jamalpur	09-Jan-97	11.74
Old Brahmaputra	SW225	Jamalpur	10-Jan-97	11.73
Old Brahmaputra	SW225	Jamalpur	11-Jan-97	11.72
Old Brahmaputra	SW225	Jamalpur	12-Jan-97	11.71
Old Brahmaputra	SW225	Jamalpur	13-Jan-97	11.71
Old Brahmaputra	SW225	Jamalpur	14-Jan-97	11.7
Old Brahmaputra	SW225	Jamalpur	15-Jan-97	11.7
Old Brahmaputra	SW225	Jamalpur	16-Jan-97	11.7
Old Brahmaputra	SW225	Jamalpur	17-Jan-97	11.7
Old Brahmaputra	SW225	Jamalpur	18-Jan-97	11.69
Old Brahmaputra	SW225	Jamalpur	19-Jan-97	11.68
Old Brahmaputra	SW225	Jamalpur	20-Jan-97	11.656
Old Brahmaputra	SW225	Jamalpur	21-Jan-97	11.674
Old Brahmaputra	SW225	Jamalpur	22-Jan-97	11.68
Old Brahmaputra	SW225	Jamalpur	23-Jan-97	11.67
Old Brahmaputra	SW225	Jamalpur	24-Jan-97	11.66
Old Brahmaputra	SW225	Jamalpur	25-Jan-97	11.66
Old Brahmaputra	SW225	Jamalpur	26-Jan-97	11.66
Old Brahmaputra	SW225	Jamalpur	27-Jan-97	11.65
Old Brahmaputra	SW225	Jamalpur	28-Jan-97	11.64
Old Brahmaputra	SW225	Jamalpur	29-Jan-97	11.63
Old Brahmaputra	SW225	Jamalpur	30-Jan-97	11.62
Old Brahmaputra	SW225	Jamalpur	31-Jan-97	11.61
Old Brahmaputra	SW225	Jamalpur	01-Feb-97	11.6
Old Brahmaputra	SW225	Jamalpur	02-Feb-97	11.59
Old Brahmaputra	SW225	Jamalpur	03-Feb-97	11.58
Old Brahmaputra	SW225	Jamalpur	04-Feb-97	11.57
Old Brahmaputra	SW225	Jamalpur	05-Feb-97	11.56
Old Brahmaputra	SW225	Jamalpur	06-Feb-97	11.55
Old Brahmaputra	SW225	Jamalpur	07-Feb-97	11.54
Old Brahmaputra	SW225	Jamalpur	08-Feb-97	11.53
Old Brahmaputra	SW225	Jamalpur	09-Feb-97	11.53
Old Brahmaputra	SW225	Jamalpur	10-Feb-97	11.52
Old Brahmaputra	SW225	Jamalpur	11-Feb-97	11.51
Old Brahmaputra	SW225	Jamalpur	12-Feb-97	11.51
Old Brahmaputra	SW225	Jamalpur	13-Feb-97	11.5
Old Brahmaputra	SW225	Jamalpur	14-Feb-97	11.49

Old Brahmaputra	SW225	Jamalpur	15-Feb-97	11.48
Old Brahmaputra	SW225	Jamalpur	16-Feb-97	11.47
Old Brahmaputra	SW225	Jamalpur	17-Feb-97	11.46
Old Brahmaputra	SW225	Jamalpur	18-Feb-97	11.45
Old Brahmaputra	SW225	Jamalpur	19-Feb-97	11.43
Old Brahmaputra	SW225	Jamalpur	20-Feb-97	11.42
Old Brahmaputra	SW225	Jamalpur	21-Feb-97	11.41
Old Brahmaputra	SW225	Jamalpur	22-Feb-97	11.4
Old Brahmaputra	SW225	Jamalpur	23-Feb-97	11.39
Old Brahmaputra	SW225	Jamalpur	24-Feb-97	11.39
Old Brahmaputra	SW225	Jamalpur	25-Feb-97	11.38
Old Brahmaputra	SW225	Jamalpur	26-Feb-97	11.37
Old Brahmaputra	SW225	Jamalpur	27-Feb-97	11.37
Old Brahmaputra	SW225	Jamalpur	28-Feb-97	11.36
Old Brahmaputra	SW225	Jamalpur	01-Mar-97	11.36
Old Brahmaputra	SW225	Jamalpur	02-Mar-97	11.36
Old Brahmaputra	SW225	Jamalpur	03-Mar-97	11.35
Old Brahmaputra	SW225	Jamalpur	04-Mar-97	11.35
Old Brahmaputra	SW225	Jamalpur	05-Mar-97	11.34
Old Brahmaputra	SW225	Jamalpur	06-Mar-97	11.33
Old Brahmaputra	SW225	Jamalpur	07-Mar-97	11.32
Old Brahmaputra	SW225	Jamalpur	08-Mar-97	11.31
Old Brahmaputra	SW225	Jamalpur	09-Mar-97	11.3
Old Brahmaputra	SW225	Jamalpur	10-Mar-97	11.29
Old Brahmaputra	SW225	Jamalpur	11-Mar-97	11.29
Old Brahmaputra	SW225	Jamalpur	12-Mar-97	11.28
Old Brahmaputra	SW225	Jamalpur	13-Mar-97	11.28
Old Brahmaputra	SW225	Jamalpur	14-Mar-97	11.27
Old Brahmaputra	SW225	Jamalpur	15-Mar-97	11.27
Old Brahmaputra	SW225	Jamalpur	16-Mar-97	11.26
Old Brahmaputra	SW225	Jamalpur	17-Mar-97	11.26
Old Brahmaputra	SW225	Jamalpur	18-Mar-97	11.25
Old Brahmaputra	SW225	Jamalpur	19-Mar-97	11.25
Old Brahmaputra	SW225	Jamalpur	20-Mar-97	11.24
Old Brahmaputra	SW225	Jamalpur	21-Mar-97	11.232
Old Brahmaputra	SW225	Jamalpur	22-Mar-97	11.23
Old Brahmaputra	SW225	Jamalpur	23-Mar-97	11.236
Old Brahmaputra	SW225	Jamalpur	24-Mar-97	11.22
Old Brahmaputra	SW225	Jamalpur	25-Mar-97	11.21
Old Brahmaputra	SW225	Jamalpur	26-Mar-97	11.21
Old Brahmaputra	SW225	Jamalpur	27-Mar-97	11.2
Old Brahmaputra	SW225	Jamalpur	28-Mar-97	11.2
Old Brahmaputra	SW225	Jamalpur	29-Mar-97	11.21
Old Brahmaputra	SW225	Jamalpur	30-Mar-97	11.22
Old Brahmaputra	SW225	Jamalpur	31-Mar-97	11.23
Old Brahmaputra	SW225	Jamalpur	01-Apr-97	11.22
Old Brahmaputra	SW225	Jamalpur	02-Apr-97	11.362
Old Brahmaputra	SW225	Jamalpur	03-Apr-97	11.41
Old Brahmaputra	SW225	Jamalpur	04-Apr-97	11.352
Old Brahmaputra	SW225	Jamalpur	05-Apr-97	11.448

Old Brahmaputra	SW225	Jamalpur	06-Apr-97	11.506
Old Brahmaputra	SW225	Jamalpur	07-Apr-97	11.486
Old Brahmaputra	SW225	Jamalpur	08-Apr-97	11.46
Old Brahmaputra	SW225	Jamalpur	09-Apr-97	11.428
Old Brahmaputra	SW225	Jamalpur	10-Apr-97	11.384
Old Brahmaputra	SW225	Jamalpur	11-Apr-97	11.356
Old Brahmaputra	SW225	Jamalpur	12-Apr-97	11.35
Old Brahmaputra	SW225	Jamalpur	13-Apr-97	11.35
Old Brahmaputra	SW225	Jamalpur	14-Apr-97	11.372
Old Brahmaputra	SW225	Jamalpur	15-Apr-97	11.46
Old Brahmaputra	SW225	Jamalpur	16-Apr-97	11.442
Old Brahmaputra	SW225	Jamalpur	17-Apr-97	11.43
Old Brahmaputra	SW225	Jamalpur	18-Apr-97	11.43
Old Brahmaputra	SW225	Jamalpur	19-Apr-97	11.48
Old Brahmaputra	SW225	Jamalpur	20-Apr-97	11.548
Old Brahmaputra	SW225	Jamalpur	21-Apr-97	11.55
Old Brahmaputra	SW225	Jamalpur	22-Apr-97	11.52
Old Brahmaputra	SW225	Jamalpur	23-Apr-97	11.494
Old Brahmaputra	SW225	Jamalpur	24-Apr-97	11.49
Old Brahmaputra	SW225	Jamalpur	25-Apr-97	11.512
Old Brahmaputra	SW225	Jamalpur	26-Apr-97	11.532
Old Brahmaputra	SW225	Jamalpur	27-Apr-97	11.502
Old Brahmaputra	SW225	Jamalpur	28-Apr-97	11.484
Old Brahmaputra	SW225	Jamalpur	29-Apr-97	11.5
Old Brahmaputra	SW225	Jamalpur	30-Apr-97	11.5
Old Brahmaputra	SW225	Jamalpur	01-May-97	11.48
Old Brahmaputra	SW225	Jamalpur	02-May-97	11.444
Old Brahmaputra	SW225	Jamalpur	03-May-97	11.444
Old Brahmaputra	SW225	Jamalpur	04-May-97	11.46
Old Brahmaputra	SW225	Jamalpur	05-May-97	11.438
Old Brahmaputra	SW225	Jamalpur	06-May-97	11.406
Old Brahmaputra	SW225	Jamalpur	07-May-97	11.374
Old Brahmaputra	SW225	Jamalpur	08-May-97	11.362
Old Brahmaputra	SW225	Jamalpur	09-May-97	11.36
Old Brahmaputra	SW225	Jamalpur	10-May-97	11.346
Old Brahmaputra	SW225	Jamalpur	11-May-97	11.33
Old Brahmaputra	SW225	Jamalpur	12-May-97	11.32
Old Brahmaputra	SW225	Jamalpur	13-May-97	11.31
Old Brahmaputra	SW225	Jamalpur	14-May-97	11.334
Old Brahmaputra	SW225	Jamalpur	15-May-97	11.316
Old Brahmaputra	SW225	Jamalpur	16-May-97	11.31
Old Brahmaputra	SW225	Jamalpur	17-May-97	11.344
Old Brahmaputra	SW225	Jamalpur	18-May-97	11.364
Old Brahmaputra	SW225	Jamalpur	19-May-97	11.412
Old Brahmaputra	SW225	Jamalpur	20-May-97	11.454
Old Brahmaputra	SW225	Jamalpur	21-May-97	11.456
Old Brahmaputra	SW225	Jamalpur	22-May-97	11.426
Old Brahmaputra	SW225	Jamalpur	23-May-97	11.484
Old Brahmaputra	SW225	Jamalpur	24-May-97	11.494
Old Brahmaputra	SW225	Jamalpur	25-May-97	11.52

Old Brahmaputra	SW225	Jamalpur	26-May-97	11.686
Old Brahmaputra	SW225	Jamalpur	27-May-97	11.902
Old Brahmaputra	SW225	Jamalpur	28-May-97	12.252
Old Brahmaputra	SW225	Jamalpur	29-May-97	12.406
Old Brahmaputra	SW225	Jamalpur	30-May-97	12.41
Old Brahmaputra	SW225	Jamalpur	31-May-97	12.37
Old Brahmaputra	SW225	Jamalpur	01-Jun-97	12.348
Old Brahmaputra	SW225	Jamalpur	02-Jun-97	12.29
Old Brahmaputra	SW225	Jamalpur	03-Jun-97	12.228
Old Brahmaputra	SW225	Jamalpur	04-Jun-97	12.182
Old Brahmaputra	SW225	Jamalpur	05-Jun-97	12.16
Old Brahmaputra	SW225	Jamalpur	06-Jun-97	12.16
Old Brahmaputra	SW225	Jamalpur	07-Jun-97	12.218
Old Brahmaputra	SW225	Jamalpur	08-Jun-97	12.288
Old Brahmaputra	SW225	Jamalpur	09-Jun-97	12.408
Old Brahmaputra	SW225	Jamalpur	10-Jun-97	12.568
Old Brahmaputra	SW225	Jamalpur	11-Jun-97	12.828
Old Brahmaputra	SW225	Jamalpur	12-Jun-97	13.208
Old Brahmaputra	SW225	Jamalpur	13-Jun-97	13.618
Old Brahmaputra	SW225	Jamalpur	14-Jun-97	13.886
Old Brahmaputra	SW225	Jamalpur	15-Jun-97	14.03
Old Brahmaputra	SW225	Jamalpur	16-Jun-97	14.192
Old Brahmaputra	SW225	Jamalpur	17-Jun-97	14.388
Old Brahmaputra	SW225	Jamalpur	18-Jun-97	14.704
Old Brahmaputra	SW225	Jamalpur	19-Jun-97	14.84
Old Brahmaputra	SW225	Jamalpur	20-Jun-97	14.884
Old Brahmaputra	SW225	Jamalpur	21-Jun-97	14.868
Old Brahmaputra	SW225	Jamalpur	22-Jun-97	14.918
Old Brahmaputra	SW225	Jamalpur	23-Jun-97	14.888
Old Brahmaputra	SW225	Jamalpur	24-Jun-97	14.8
Old Brahmaputra	SW225	Jamalpur	25-Jun-97	14.642
Old Brahmaputra	SW225	Jamalpur	26-Jun-97	14.428
Old Brahmaputra	SW225	Jamalpur	27-Jun-97	14.25
Old Brahmaputra	SW225	Jamalpur	28-Jun-97	14.146
Old Brahmaputra	SW225	Jamalpur	29-Jun-97	14.19
Old Brahmaputra	SW225	Jamalpur	30-Jun-97	14.27
Old Brahmaputra	SW225	Jamalpur	01-Jul-97	14.39
Old Brahmaputra	SW225	Jamalpur	02-Jul-97	14.592
Old Brahmaputra	SW225	Jamalpur	03-Jul-97	14.69
Old Brahmaputra	SW225	Jamalpur	04-Jul-97	14.702
Old Brahmaputra	SW225	Jamalpur	05-Jul-97	14.798
Old Brahmaputra	SW225	Jamalpur	06-Jul-97	14.89
Old Brahmaputra	SW225	Jamalpur	07-Jul-97	14.93
Old Brahmaputra	SW225	Jamalpur	08-Jul-97	14.914
Old Brahmaputra	SW225	Jamalpur	09-Jul-97	14.99
Old Brahmaputra	SW225	Jamalpur	10-Jul-97	15.118
Old Brahmaputra	SW225	Jamalpur	11-Jul-97	15.32
Old Brahmaputra	SW225	Jamalpur	12-Jul-97	15.58
Old Brahmaputra	SW225	Jamalpur	13-Jul-97	15.882
Old Brahmaputra	SW225	Jamalpur	14-Jul-97	16.2

Old Brahmaputra	SW225	Jamalpur	15-Jul-97	16.47
Old Brahmaputra	SW225	Jamalpur	16-Jul-97	16.568
Old Brahmaputra	SW225	Jamalpur	17-Jul-97	16.53
Old Brahmaputra	SW225	Jamalpur	18-Jul-97	16.408
Old Brahmaputra	SW225	Jamalpur	19-Jul-97	16.26
Old Brahmaputra	SW225	Jamalpur	20-Jul-97	16.114
Old Brahmaputra	SW225	Jamalpur	21-Jul-97	15.99
Old Brahmaputra	SW225	Jamalpur	22-Jul-97	15.81
Old Brahmaputra	SW225	Jamalpur	23-Jul-97	15.596
Old Brahmaputra	SW225	Jamalpur	24-Jul-97	15.368
Old Brahmaputra	SW225	Jamalpur	25-Jul-97	15.09
Old Brahmaputra	SW225	Jamalpur	26-Jul-97	14.832
Old Brahmaputra	SW225	Jamalpur	27-Jul-97	14.67
Old Brahmaputra	SW225	Jamalpur	28-Jul-97	14.56
Old Brahmaputra	SW225	Jamalpur	29-Jul-97	14.418
Old Brahmaputra	SW225	Jamalpur	30-Jul-97	14.29
Old Brahmaputra	SW225	Jamalpur	31-Jul-97	14.166
Old Brahmaputra	SW225	Jamalpur	01-Aug-97	14.086
Old Brahmaputra	SW225	Jamalpur	02-Aug-97	14.01
Old Brahmaputra	SW225	Jamalpur	03-Aug-97	13.934
Old Brahmaputra	SW225	Jamalpur	04-Aug-97	13.898
Old Brahmaputra	SW225	Jamalpur	05-Aug-97	13.878
Old Brahmaputra	SW225	Jamalpur	06-Aug-97	13.82
Old Brahmaputra	SW225	Jamalpur	07-Aug-97	13.822
Old Brahmaputra	SW225	Jamalpur	08-Aug-97	13.864
Old Brahmaputra	SW225	Jamalpur	09-Aug-97	13.92
Old Brahmaputra	SW225	Jamalpur	10-Aug-97	13.932
Old Brahmaputra	SW225	Jamalpur	11-Aug-97	13.962
Old Brahmaputra	SW225	Jamalpur	12-Aug-97	14.328
Old Brahmaputra	SW225	Jamalpur	13-Aug-97	14.602
Old Brahmaputra	SW225	Jamalpur	14-Aug-97	14.77
Old Brahmaputra	SW225	Jamalpur	15-Aug-97	14.94
Old Brahmaputra	SW225	Jamalpur	16-Aug-97	15.138
Old Brahmaputra	SW225	Jamalpur	17-Aug-97	15.19
Old Brahmaputra	SW225	Jamalpur	18-Aug-97	15.13
Old Brahmaputra	SW225	Jamalpur	19-Aug-97	15.09
Old Brahmaputra	SW225	Jamalpur	20-Aug-97	15.038
Old Brahmaputra	SW225	Jamalpur	21-Aug-97	15.018
Old Brahmaputra	SW225	Jamalpur	22-Aug-97	14.97
Old Brahmaputra	SW225	Jamalpur	23-Aug-97	14.858
Old Brahmaputra	SW225	Jamalpur	24-Aug-97	14.734
Old Brahmaputra	SW225	Jamalpur	25-Aug-97	14.582
Old Brahmaputra	SW225	Jamalpur	26-Aug-97	14.488
Old Brahmaputra	SW225	Jamalpur	27-Aug-97	14.308
Old Brahmaputra	SW225	Jamalpur	28-Aug-97	14.13
Old Brahmaputra	SW225	Jamalpur	29-Aug-97	14.02
Old Brahmaputra	SW225	Jamalpur	30-Aug-97	13.972
Old Brahmaputra	SW225	Jamalpur	31-Aug-97	13.898
Old Brahmaputra	SW225	Jamalpur	01-Sep-97	13.856
Old Brahmaputra	SW225	Jamalpur	02-Sep-97	13.76

Old Brahmaputra	SW225	Jamalpur	03-Sep-97	13.7
Old Brahmaputra	SW225	Jamalpur	04-Sep-97	13.73
Old Brahmaputra	SW225	Jamalpur	05-Sep-97	13.758
Old Brahmaputra	SW225	Jamalpur	06-Sep-97	13.784
Old Brahmaputra	SW225	Jamalpur	07-Sep-97	13.868
Old Brahmaputra	SW225	Jamalpur	08-Sep-97	13.938
Old Brahmaputra	SW225	Jamalpur	09-Sep-97	13.968
Old Brahmaputra	SW225	Jamalpur	10-Sep-97	13.984
Old Brahmaputra	SW225	Jamalpur	11-Sep-97	13.97
Old Brahmaputra	SW225	Jamalpur	12-Sep-97	14.04
Old Brahmaputra	SW225	Jamalpur	13-Sep-97	14.006
Old Brahmaputra	SW225	Jamalpur	14-Sep-97	13.944
Old Brahmaputra	SW225	Jamalpur	15-Sep-97	13.99
Old Brahmaputra	SW225	Jamalpur	16-Sep-97	14.164
Old Brahmaputra	SW225	Jamalpur	17-Sep-97	14.308
Old Brahmaputra	SW225	Jamalpur	18-Sep-97	14.354
Old Brahmaputra	SW225	Jamalpur	19-Sep-97	14.496
Old Brahmaputra	SW225	Jamalpur	20-Sep-97	14.88
Old Brahmaputra	SW225	Jamalpur	21-Sep-97	15.09
Old Brahmaputra	SW225	Jamalpur	22-Sep-97	15.15
Old Brahmaputra	SW225	Jamalpur	23-Sep-97	15.212
Old Brahmaputra	SW225	Jamalpur	24-Sep-97	15.286
Old Brahmaputra	SW225	Jamalpur	25-Sep-97	15.388
Old Brahmaputra	SW225	Jamalpur	26-Sep-97	15.452
Old Brahmaputra	SW225	Jamalpur	27-Sep-97	15.452
Old Brahmaputra	SW225	Jamalpur	28-Sep-97	15.358
Old Brahmaputra	SW225	Jamalpur	29-Sep-97	15.24
Old Brahmaputra	SW225	Jamalpur	30-Sep-97	15.12
Old Brahmaputra	SW225	Jamalpur	01-Oct-97	15.12
Old Brahmaputra	SW225	Jamalpur	02-Oct-97	15.122
Old Brahmaputra	SW225	Jamalpur	03-Oct-97	15.03
Old Brahmaputra	SW225	Jamalpur	04-Oct-97	14.852
Old Brahmaputra	SW225	Jamalpur	05-Oct-97	14.658
Old Brahmaputra	SW225	Jamalpur	06-Oct-97	14.52
Old Brahmaputra	SW225	Jamalpur	07-Oct-97	14.426
Old Brahmaputra	SW225	Jamalpur	08-Oct-97	14.34
Old Brahmaputra	SW225	Jamalpur	09-Oct-97	14.198
Old Brahmaputra	SW225	Jamalpur	10-Oct-97	13.954
Old Brahmaputra	SW225	Jamalpur	11-Oct-97	13.744
Old Brahmaputra	SW225	Jamalpur	12-Oct-97	13.57
Old Brahmaputra	SW225	Jamalpur	13-Oct-97	13.41
Old Brahmaputra	SW225	Jamalpur	14-Oct-97	13.27
Old Brahmaputra	SW225	Jamalpur	15-Oct-97	13.176
Old Brahmaputra	SW225	Jamalpur	16-Oct-97	13.092
Old Brahmaputra	SW225	Jamalpur	17-Oct-97	13.02
Old Brahmaputra	SW225	Jamalpur	18-Oct-97	12.958
Old Brahmaputra	SW225	Jamalpur	19-Oct-97	12.898
Old Brahmaputra	SW225	Jamalpur	20-Oct-97	12.828
Old Brahmaputra	SW225	Jamalpur	21-Oct-97	12.768
Old Brahmaputra	SW225	Jamalpur	22-Oct-97	12.712

Old Brahmaputra	SW225	Jamalpur	23-Oct-97	12.648
Old Brahmaputra	SW225	Jamalpur	24-Oct-97	12.6
Old Brahmaputra	SW225	Jamalpur	25-Oct-97	12.544
Old Brahmaputra	SW225	Jamalpur	26-Oct-97	12.51
Old Brahmaputra	SW225	Jamalpur	27-Oct-97	12.47
Old Brahmaputra	SW225	Jamalpur	28-Oct-97	12.424
Old Brahmaputra	SW225	Jamalpur	29-Oct-97	12.394
Old Brahmaputra	SW225	Jamalpur	30-Oct-97	12.36
Old Brahmaputra	SW225	Jamalpur	31-Oct-97	12.324
Old Brahmaputra	SW225	Jamalpur	01-Nov-97	12.29
Old Brahmaputra	SW225	Jamalpur	02-Nov-97	12.266
Old Brahmaputra	SW225	Jamalpur	03-Nov-97	12.234
Old Brahmaputra	SW225	Jamalpur	04-Nov-97	12.206
Old Brahmaputra	SW225	Jamalpur	05-Nov-97	12.186
Old Brahmaputra	SW225	Jamalpur	06-Nov-97	12.154
Old Brahmaputra	SW225	Jamalpur	07-Nov-97	12.134
Old Brahmaputra	SW225	Jamalpur	08-Nov-97	12.104
Old Brahmaputra	SW225	Jamalpur	09-Nov-97	12.086
Old Brahmaputra	SW225	Jamalpur	10-Nov-97	12.064
Old Brahmaputra	SW225	Jamalpur	11-Nov-97	12.034
Old Brahmaputra	SW225	Jamalpur	12-Nov-97	12.02
Old Brahmaputra	SW225	Jamalpur	13-Nov-97	12.006
Old Brahmaputra	SW225	Jamalpur	14-Nov-97	11.986
Old Brahmaputra	SW225	Jamalpur	15-Nov-97	11.968
Old Brahmaputra	SW225	Jamalpur	16-Nov-97	11.95
Old Brahmaputra	SW225	Jamalpur	17-Nov-97	11.934
Old Brahmaputra	SW225	Jamalpur	18-Nov-97	11.916
Old Brahmaputra	SW225	Jamalpur	19-Nov-97	11.9
Old Brahmaputra	SW225	Jamalpur	20-Nov-97	11.9
Old Brahmaputra	SW225	Jamalpur	21-Nov-97	11.89
Old Brahmaputra	SW225	Jamalpur	22-Nov-97	11.9
Old Brahmaputra	SW225	Jamalpur	23-Nov-97	11.886
Old Brahmaputra	SW225	Jamalpur	24-Nov-97	11.866
Old Brahmaputra	SW225	Jamalpur	25-Nov-97	11.846
Old Brahmaputra	SW225	Jamalpur	26-Nov-97	11.83
Old Brahmaputra	SW225	Jamalpur	27-Nov-97	11.83
Old Brahmaputra	SW225	Jamalpur	28-Nov-97	11.828
Old Brahmaputra	SW225	Jamalpur	29-Nov-97	11.81
Old Brahmaputra	SW225	Jamalpur	30-Nov-97	11.81
Old Brahmaputra	SW225	Jamalpur	01-Dec-97	11.8
Old Brahmaputra	SW225	Jamalpur	02-Dec-97	11.8
Old Brahmaputra	SW225	Jamalpur	03-Dec-97	11.79
Old Brahmaputra	SW225	Jamalpur	04-Dec-97	11.786
Old Brahmaputra	SW225	Jamalpur	05-Dec-97	11.78
Old Brahmaputra	SW225	Jamalpur	06-Dec-97	11.78
Old Brahmaputra	SW225	Jamalpur	07-Dec-97	11.77
Old Brahmaputra	SW225	Jamalpur	08-Dec-97	11.77
Old Brahmaputra	SW225	Jamalpur	09-Dec-97	11.76
Old Brahmaputra	SW225	Jamalpur	10-Dec-97	11.77
Old Brahmaputra	SW225	Jamalpur	11-Dec-97	11.77

Old Brahmaputra	SW225	Jamalpur	12-Dec-97	11.76
Old Brahmaputra	SW225	Jamalpur	13-Dec-97	11.77
Old Brahmaputra	SW225	Jamalpur	14-Dec-97	11.77
Old Brahmaputra	SW225	Jamalpur	15-Dec-97	11.77
Old Brahmaputra	SW225	Jamalpur	16-Dec-97	11.76
Old Brahmaputra	SW225	Jamalpur	17-Dec-97	11.746
Old Brahmaputra	SW225	Jamalpur	18-Dec-97	11.74
Old Brahmaputra	SW225	Jamalpur	19-Dec-97	11.74
Old Brahmaputra	SW225	Jamalpur	20-Dec-97	11.73
Old Brahmaputra	SW225	Jamalpur	21-Dec-97	11.72
Old Brahmaputra	SW225	Jamalpur	22-Dec-97	11.71
Old Brahmaputra	SW225	Jamalpur	23-Dec-97	11.7
Old Brahmaputra	SW225	Jamalpur	24-Dec-97	11.7
Old Brahmaputra	SW225	Jamalpur	25-Dec-97	11.696
Old Brahmaputra	SW225	Jamalpur	26-Dec-97	11.686
Old Brahmaputra	SW225	Jamalpur	27-Dec-97	11.68
Old Brahmaputra	SW225	Jamalpur	28-Dec-97	11.67
Old Brahmaputra	SW225	Jamalpur	29-Dec-97	11.66
Old Brahmaputra	SW225	Jamalpur	30-Dec-97	11.66
Old Brahmaputra	SW225	Jamalpur	31-Dec-97	11.65
Old Brahmaputra	SW225	Jamalpur	01-Jan-98	11.65
Old Brahmaputra	SW225	Jamalpur	02-Jan-98	11.64
Old Brahmaputra	SW225	Jamalpur	03-Jan-98	11.63
Old Brahmaputra	SW225	Jamalpur	04-Jan-98	11.62
Old Brahmaputra	SW225	Jamalpur	05-Jan-98	11.62
Old Brahmaputra	SW225	Jamalpur	06-Jan-98	11.61
Old Brahmaputra	SW225	Jamalpur	07-Jan-98	11.61
Old Brahmaputra	SW225	Jamalpur	08-Jan-98	11.61
Old Brahmaputra	SW225	Jamalpur	09-Jan-98	11.61
Old Brahmaputra	SW225	Jamalpur	10-Jan-98	11.6
Old Brahmaputra	SW225	Jamalpur	11-Jan-98	11.6
Old Brahmaputra	SW225	Jamalpur	12-Jan-98	11.6
Old Brahmaputra	SW225	Jamalpur	13-Jan-98	11.59
Old Brahmaputra	SW225	Jamalpur	14-Jan-98	11.59
Old Brahmaputra	SW225	Jamalpur	15-Jan-98	11.58
Old Brahmaputra	SW225	Jamalpur	16-Jan-98	11.58
Old Brahmaputra	SW225	Jamalpur	17-Jan-98	11.57
Old Brahmaputra	SW225	Jamalpur	18-Jan-98	11.56
Old Brahmaputra	SW225	Jamalpur	19-Jan-98	11.55
Old Brahmaputra	SW225	Jamalpur	20-Jan-98	11.55
Old Brahmaputra	SW225	Jamalpur	21-Jan-98	11.55
Old Brahmaputra	SW225	Jamalpur	22-Jan-98	11.54
Old Brahmaputra	SW225	Jamalpur	23-Jan-98	11.54
Old Brahmaputra	SW225	Jamalpur	24-Jan-98	11.53
Old Brahmaputra	SW225	Jamalpur	25-Jan-98	11.53
Old Brahmaputra	SW225	Jamalpur	26-Jan-98	11.52
Old Brahmaputra	SW225	Jamalpur	27-Jan-98	11.51
Old Brahmaputra	SW225	Jamalpur	28-Jan-98	11.51
Old Brahmaputra	SW225	Jamalpur	29-Jan-98	11.51
Old Brahmaputra	SW225	Jamalpur	30-Jan-98	11.5

Old Brahmaputra	SW225	Jamalpur	31-Jan-98	11.5
Old Brahmaputra	SW225	Jamalpur	01-Feb-98	11.49
Old Brahmaputra	SW225	Jamalpur	02-Feb-98	11.48
Old Brahmaputra	SW225	Jamalpur	03-Feb-98	11.47
Old Brahmaputra	SW225	Jamalpur	04-Feb-98	11.46
Old Brahmaputra	SW225	Jamalpur	05-Feb-98	11.45
Old Brahmaputra	SW225	Jamalpur	06-Feb-98	11.44
Old Brahmaputra	SW225	Jamalpur	07-Feb-98	11.424
Old Brahmaputra	SW225	Jamalpur	08-Feb-98	11.41
Old Brahmaputra	SW225	Jamalpur	09-Feb-98	11.4
Old Brahmaputra	SW225	Jamalpur	10-Feb-98	11.384
Old Brahmaputra	SW225	Jamalpur	11-Feb-98	11.37
Old Brahmaputra	SW225	Jamalpur	12-Feb-98	11.36
Old Brahmaputra	SW225	Jamalpur	13-Feb-98	11.344
Old Brahmaputra	SW225	Jamalpur	14-Feb-98	11.33
Old Brahmaputra	SW225	Jamalpur	15-Feb-98	11.32
Old Brahmaputra	SW225	Jamalpur	16-Feb-98	11.31
Old Brahmaputra	SW225	Jamalpur	17-Feb-98	11.3
Old Brahmaputra	SW225	Jamalpur	18-Feb-98	11.286
Old Brahmaputra	SW225	Jamalpur	19-Feb-98	11.27
Old Brahmaputra	SW225	Jamalpur	20-Feb-98	11.26
Old Brahmaputra	SW225	Jamalpur	21-Feb-98	11.25
Old Brahmaputra	SW225	Jamalpur	22-Feb-98	11.246
Old Brahmaputra	SW225	Jamalpur	23-Feb-98	11.24
Old Brahmaputra	SW225	Jamalpur	24-Feb-98	11.24
Old Brahmaputra	SW225	Jamalpur	25-Feb-98	11.25
Old Brahmaputra	SW225	Jamalpur	26-Feb-98	11.274
Old Brahmaputra	SW225	Jamalpur	27-Feb-98	11.27
Old Brahmaputra	SW225	Jamalpur	28-Feb-98	11.26
Old Brahmaputra	SW225	Jamalpur	01-Mar-98	11.26
Old Brahmaputra	SW225	Jamalpur	02-Mar-98	11.25
Old Brahmaputra	SW225	Jamalpur	03-Mar-98	11.25
Old Brahmaputra	SW225	Jamalpur	04-Mar-98	11.24
Old Brahmaputra	SW225	Jamalpur	05-Mar-98	11.24
Old Brahmaputra	SW225	Jamalpur	06-Mar-98	11.23
Old Brahmaputra	SW225	Jamalpur	07-Mar-98	11.23
Old Brahmaputra	SW225	Jamalpur	08-Mar-98	11.22
Old Brahmaputra	SW225	Jamalpur	09-Mar-98	11.22
Old Brahmaputra	SW225	Jamalpur	10-Mar-98	11.22
Old Brahmaputra	SW225	Jamalpur	11-Mar-98	11.21
Old Brahmaputra	SW225	Jamalpur	12-Mar-98	11.2
Old Brahmaputra	SW225	Jamalpur	13-Mar-98	11.2
Old Brahmaputra	SW225	Jamalpur	14-Mar-98	11.2
Old Brahmaputra	SW225	Jamalpur	15-Mar-98	11.19
Old Brahmaputra	SW225	Jamalpur	16-Mar-98	11.19
Old Brahmaputra	SW225	Jamalpur	17-Mar-98	11.18
Old Brahmaputra	SW225	Jamalpur	18-Mar-98	11.17
Old Brahmaputra	SW225	Jamalpur	19-Mar-98	11.17
Old Brahmaputra	SW225	Jamalpur	20-Mar-98	11.17
Old Brahmaputra	SW225	Jamalpur	21-Mar-98	11.16

Old Brahmaputra	SW225	Jamalpur	22-Mar-98	11.16
Old Brahmaputra	SW225	Jamalpur	23-Mar-98	11.17
Old Brahmaputra	SW225	Jamalpur	24-Mar-98	11.19
Old Brahmaputra	SW225	Jamalpur	25-Mar-98	11.216
Old Brahmaputra	SW225	Jamalpur	26-Mar-98	11.22
Old Brahmaputra	SW225	Jamalpur	27-Mar-98	11.23
Old Brahmaputra	SW225	Jamalpur	28-Mar-98	11.312
Old Brahmaputra	SW225	Jamalpur	29-Mar-98	11.35
Old Brahmaputra	SW225	Jamalpur	30-Mar-98	11.352
Old Brahmaputra	SW225	Jamalpur	31-Mar-98	11.36
Old Brahmaputra	SW225	Jamalpur	01-Apr-98	11.332
Old Brahmaputra	SW225	Jamalpur	02-Apr-98	11.31
Old Brahmaputra	SW225	Jamalpur	03-Apr-98	11.3
Old Brahmaputra	SW225	Jamalpur	04-Apr-98	11.324
Old Brahmaputra	SW225	Jamalpur	05-Apr-98	11.33
Old Brahmaputra	SW225	Jamalpur	06-Apr-98	11.32
Old Brahmaputra	SW225	Jamalpur	07-Apr-98	11.306
Old Brahmaputra	SW225	Jamalpur	08-Apr-98	11.29
Old Brahmaputra	SW225	Jamalpur	09-Apr-98	11.28
Old Brahmaputra	SW225	Jamalpur	10-Apr-98	11.28
Old Brahmaputra	SW225	Jamalpur	11-Apr-98	11.318
Old Brahmaputra	SW225	Jamalpur	12-Apr-98	11.344
Old Brahmaputra	SW225	Jamalpur	13-Apr-98	11.36
Old Brahmaputra	SW225	Jamalpur	14-Apr-98	11.36
Old Brahmaputra	SW225	Jamalpur	15-Apr-98	11.348
Old Brahmaputra	SW225	Jamalpur	16-Apr-98	11.32
Old Brahmaputra	SW225	Jamalpur	17-Apr-98	11.284
Old Brahmaputra	SW225	Jamalpur	18-Apr-98	11.266
Old Brahmaputra	SW225	Jamalpur	19-Apr-98	11.25
Old Brahmaputra	SW225	Jamalpur	20-Apr-98	11.236
Old Brahmaputra	SW225	Jamalpur	21-Apr-98	11.24
Old Brahmaputra	SW225	Jamalpur	22-Apr-98	11.24
Old Brahmaputra	SW225	Jamalpur	23-Apr-98	11.244
Old Brahmaputra	SW225	Jamalpur	24-Apr-98	11.296
Old Brahmaputra	SW225	Jamalpur	25-Apr-98	11.34
Old Brahmaputra	SW225	Jamalpur	26-Apr-98	11.35
Old Brahmaputra	SW225	Jamalpur	27-Apr-98	11.384
Old Brahmaputra	SW225	Jamalpur	28-Apr-98	11.4
Old Brahmaputra	SW225	Jamalpur	29-Apr-98	11.396
Old Brahmaputra	SW225	Jamalpur	30-Apr-98	11.46
Old Brahmaputra	SW225	Jamalpur	01-May-98	11.49
Old Brahmaputra	SW225	Jamalpur	02-May-98	11.51
Old Brahmaputra	SW225	Jamalpur	03-May-98	11.526
Old Brahmaputra	SW225	Jamalpur	04-May-98	11.544
Old Brahmaputra	SW225	Jamalpur	05-May-98	11.57
Old Brahmaputra	SW225	Jamalpur	06-May-98	11.592
Old Brahmaputra	SW225	Jamalpur	07-May-98	11.64
Old Brahmaputra	SW225	Jamalpur	08-May-98	11.73
Old Brahmaputra	SW225	Jamalpur	09-May-98	11.824
Old Brahmaputra	SW225	Jamalpur	10-May-98	11.85

Old Brahmaputra	SW225	Jamalpur	11-May-98	11.85
Old Brahmaputra	SW225	Jamalpur	12-May-98	11.884
Old Brahmaputra	SW225	Jamalpur	13-May-98	11.952
Old Brahmaputra	SW225	Jamalpur	14-May-98	12.04
Old Brahmaputra	SW225	Jamalpur	15-May-98	12.132
Old Brahmaputra	SW225	Jamalpur	16-May-98	12.232
Old Brahmaputra	SW225	Jamalpur	17-May-98	12.398
Old Brahmaputra	SW225	Jamalpur	18-May-98	12.546
Old Brahmaputra	SW225	Jamalpur	19-May-98	12.57
Old Brahmaputra	SW225	Jamalpur	20-May-98	12.518
Old Brahmaputra	SW225	Jamalpur	21-May-98	12.414
Old Brahmaputra	SW225	Jamalpur	22-May-98	12.294
Old Brahmaputra	SW225	Jamalpur	23-May-98	12.174
Old Brahmaputra	SW225	Jamalpur	24-May-98	12.19
Old Brahmaputra	SW225	Jamalpur	25-May-98	12.19
Old Brahmaputra	SW225	Jamalpur	26-May-98	12.2
Old Brahmaputra	SW225	Jamalpur	27-May-98	12.294
Old Brahmaputra	SW225	Jamalpur	28-May-98	12.39
Old Brahmaputra	SW225	Jamalpur	29-May-98	13.006
Old Brahmaputra	SW225	Jamalpur	30-May-98	13.532
Old Brahmaputra	SW225	Jamalpur	31-May-98	13.582
Old Brahmaputra	SW225	Jamalpur	01-Jun-98	13.45
Old Brahmaputra	SW225	Jamalpur	02-Jun-98	13.336
Old Brahmaputra	SW225	Jamalpur	03-Jun-98	13.254
Old Brahmaputra	SW225	Jamalpur	04-Jun-98	13.336
Old Brahmaputra	SW225	Jamalpur	05-Jun-98	13.546
Old Brahmaputra	SW225	Jamalpur	06-Jun-98	13.754
Old Brahmaputra	SW225	Jamalpur	07-Jun-98	13.95
Old Brahmaputra	SW225	Jamalpur	08-Jun-98	14.008
Old Brahmaputra	SW225	Jamalpur	09-Jun-98	13.942
Old Brahmaputra	SW225	Jamalpur	10-Jun-98	13.942
Old Brahmaputra	SW225	Jamalpur	11-Jun-98	14.194
Old Brahmaputra	SW225	Jamalpur	12-Jun-98	14.6
Old Brahmaputra	SW225	Jamalpur	13-Jun-98	15.016
Old Brahmaputra	SW225	Jamalpur	14-Jun-98	15.444
Old Brahmaputra	SW225	Jamalpur	15-Jun-98	15.66
Old Brahmaputra	SW225	Jamalpur	16-Jun-98	15.788
Old Brahmaputra	SW225	Jamalpur	17-Jun-98	15.804
Old Brahmaputra	SW225	Jamalpur	18-Jun-98	15.73
Old Brahmaputra	SW225	Jamalpur	19-Jun-98	15.646
Old Brahmaputra	SW225	Jamalpur	20-Jun-98	15.62
Old Brahmaputra	SW225	Jamalpur	21-Jun-98	15.694
Old Brahmaputra	SW225	Jamalpur	22-Jun-98	15.822
Old Brahmaputra	SW225	Jamalpur	23-Jun-98	15.896
Old Brahmaputra	SW225	Jamalpur	24-Jun-98	15.924
Old Brahmaputra	SW225	Jamalpur	25-Jun-98	15.93
Old Brahmaputra	SW225	Jamalpur	26-Jun-98	15.902
Old Brahmaputra	SW225	Jamalpur	27-Jun-98	15.882
Old Brahmaputra	SW225	Jamalpur	28-Jun-98	15.936
Old Brahmaputra	SW225	Jamalpur	29-Jun-98	16.028

Old Brahmaputra	SW225	Jamalpur	30-Jun-98	16.098
Old Brahmaputra	SW225	Jamalpur	01-Jul-98	16.146
Old Brahmaputra	SW225	Jamalpur	02-Jul-98	16.192
Old Brahmaputra	SW225	Jamalpur	03-Jul-98	16.214
Old Brahmaputra	SW225	Jamalpur	04-Jul-98	16.234
Old Brahmaputra	SW225	Jamalpur	05-Jul-98	16.31
Old Brahmaputra	SW225	Jamalpur	06-Jul-98	16.412
Old Brahmaputra	SW225	Jamalpur	07-Jul-98	16.496
Old Brahmaputra	SW225	Jamalpur	08-Jul-98	16.538
Old Brahmaputra	SW225	Jamalpur	09-Jul-98	16.596
Old Brahmaputra	SW225	Jamalpur	10-Jul-98	16.67
Old Brahmaputra	SW225	Jamalpur	11-Jul-98	16.75
Old Brahmaputra	SW225	Jamalpur	12-Jul-98	16.826
Old Brahmaputra	SW225	Jamalpur	13-Jul-98	16.924
Old Brahmaputra	SW225	Jamalpur	14-Jul-98	17.006
Old Brahmaputra	SW225	Jamalpur	15-Jul-98	17.108
Old Brahmaputra	SW225	Jamalpur	16-Jul-98	17.146
Old Brahmaputra	SW225	Jamalpur	17-Jul-98	17.138
Old Brahmaputra	SW225	Jamalpur	18-Jul-98	17.104
Old Brahmaputra	SW225	Jamalpur	19-Jul-98	17.01
Old Brahmaputra	SW225	Jamalpur	20-Jul-98	16.974
Old Brahmaputra	SW225	Jamalpur	21-Jul-98	16.952
Old Brahmaputra	SW225	Jamalpur	22-Jul-98	16.934
Old Brahmaputra	SW225	Jamalpur	23-Jul-98	16.986
Old Brahmaputra	SW225	Jamalpur	24-Jul-98	16.97
Old Brahmaputra	SW225	Jamalpur	25-Jul-98	17.012
Old Brahmaputra	SW225	Jamalpur	26-Jul-98	17.1
Old Brahmaputra	SW225	Jamalpur	27-Jul-98	17.162
Old Brahmaputra	SW225	Jamalpur	28-Jul-98	17.192
Old Brahmaputra	SW225	Jamalpur	29-Jul-98	17.178
Old Brahmaputra	SW225	Jamalpur	30-Jul-98	17.114
Old Brahmaputra	SW225	Jamalpur	31-Jul-98	17.014
Old Brahmaputra	SW225	Jamalpur	01-Aug-98	16.894
Old Brahmaputra	SW225	Jamalpur	02-Aug-98	16.778
Old Brahmaputra	SW225	Jamalpur	03-Aug-98	16.678
Old Brahmaputra	SW225	Jamalpur	04-Aug-98	16.618
Old Brahmaputra	SW225	Jamalpur	05-Aug-98	16.57
Old Brahmaputra	SW225	Jamalpur	06-Aug-98	16.528
Old Brahmaputra	SW225	Jamalpur	07-Aug-98	16.504
Old Brahmaputra	SW225	Jamalpur	08-Aug-98	16.492
Old Brahmaputra	SW225	Jamalpur	09-Aug-98	16.548
Old Brahmaputra	SW225	Jamalpur	10-Aug-98	16.526
Old Brahmaputra	SW225	Jamalpur	11-Aug-98	16.51
Old Brahmaputra	SW225	Jamalpur	12-Aug-98	16.584
Old Brahmaputra	SW225	Jamalpur	13-Aug-98	16.67
Old Brahmaputra	SW225	Jamalpur	14-Aug-98	16.728
Old Brahmaputra	SW225	Jamalpur	15-Aug-98	16.78
Old Brahmaputra	SW225	Jamalpur	16-Aug-98	16.84
Old Brahmaputra	SW225	Jamalpur	17-Aug-98	16.992
Old Brahmaputra	SW225	Jamalpur	18-Aug-98	17.102

Old Brahmaputra	SW225	Jamalpur	19-Aug-98	17.196
Old Brahmaputra	SW225	Jamalpur	20-Aug-98	17.296
Old Brahmaputra	SW225	Jamalpur	21-Aug-98	17.33
Old Brahmaputra	SW225	Jamalpur	22-Aug-98	17.306
Old Brahmaputra	SW225	Jamalpur	23-Aug-98	17.284
Old Brahmaputra	SW225	Jamalpur	24-Aug-98	17.246
Old Brahmaputra	SW225	Jamalpur	25-Aug-98	17.2
Old Brahmaputra	SW225	Jamalpur	26-Aug-98	17.08
Old Brahmaputra	SW225	Jamalpur	27-Aug-98	16.972
Old Brahmaputra	SW225	Jamalpur	28-Aug-98	16.906
Old Brahmaputra	SW225	Jamalpur	29-Aug-98	16.91
Old Brahmaputra	SW225	Jamalpur	30-Aug-98	16.898
Old Brahmaputra	SW225	Jamalpur	31-Aug-98	16.79
Old Brahmaputra	SW225	Jamalpur	01-Sep-98	16.812
Old Brahmaputra	SW225	Jamalpur	02-Sep-98	16.78
Old Brahmaputra	SW225	Jamalpur	03-Sep-98	16.786
Old Brahmaputra	SW225	Jamalpur	04-Sep-98	16.83
Old Brahmaputra	SW225	Jamalpur	05-Sep-98	16.962
Old Brahmaputra	SW225	Jamalpur	06-Sep-98	17.174
Old Brahmaputra	SW225	Jamalpur	07-Sep-98	17.326
Old Brahmaputra	SW225	Jamalpur	08-Sep-98	17.44
Old Brahmaputra	SW225	Jamalpur	09-Sep-98	17.47
Old Brahmaputra	SW225	Jamalpur	10-Sep-98	17.414
Old Brahmaputra	SW225	Jamalpur	11-Sep-98	17.282
Old Brahmaputra	SW225	Jamalpur	12-Sep-98	17.08
Old Brahmaputra	SW225	Jamalpur	13-Sep-98	16.86
Old Brahmaputra	SW225	Jamalpur	14-Sep-98	16.632
Old Brahmaputra	SW225	Jamalpur	15-Sep-98	16.412
Old Brahmaputra	SW225	Jamalpur	16-Sep-98	16.16
Old Brahmaputra	SW225	Jamalpur	17-Sep-98	15.956
Old Brahmaputra	SW225	Jamalpur	18-Sep-98	15.672
Old Brahmaputra	SW225	Jamalpur	19-Sep-98	15.29
Old Brahmaputra	SW225	Jamalpur	20-Sep-98	15.088
Old Brahmaputra	SW225	Jamalpur	21-Sep-98	14.88
Old Brahmaputra	SW225	Jamalpur	22-Sep-98	14.672
Old Brahmaputra	SW225	Jamalpur	23-Sep-98	14.55
Old Brahmaputra	SW225	Jamalpur	24-Sep-98	14.458
Old Brahmaputra	SW225	Jamalpur	25-Sep-98	14.39
Old Brahmaputra	SW225	Jamalpur	26-Sep-98	14.364
Old Brahmaputra	SW225	Jamalpur	27-Sep-98	14.316
Old Brahmaputra	SW225	Jamalpur	28-Sep-98	14.294
Old Brahmaputra	SW225	Jamalpur	29-Sep-98	14.308
Old Brahmaputra	SW225	Jamalpur	30-Sep-98	14.348
Old Brahmaputra	SW225	Jamalpur	01-Oct-98	14.32
Old Brahmaputra	SW225	Jamalpur	02-Oct-98	14.242
Old Brahmaputra	SW225	Jamalpur	03-Oct-98	14.158
Old Brahmaputra	SW225	Jamalpur	04-Oct-98	14.068
Old Brahmaputra	SW225	Jamalpur	05-Oct-98	13.95
Old Brahmaputra	SW225	Jamalpur	06-Oct-98	13.826
Old Brahmaputra	SW225	Jamalpur	07-Oct-98	13.704

Old Brahmaputra	SW225	Jamalpur	08-Oct-98	13.576
Old Brahmaputra	SW225	Jamalpur	09-Oct-98	13.476
Old Brahmaputra	SW225	Jamalpur	10-Oct-98	13.374
Old Brahmaputra	SW225	Jamalpur	11-Oct-98	13.29
Old Brahmaputra	SW225	Jamalpur	12-Oct-98	13.21
Old Brahmaputra	SW225	Jamalpur	13-Oct-98	13.148
Old Brahmaputra	SW225	Jamalpur	14-Oct-98	13.112
Old Brahmaputra	SW225	Jamalpur	15-Oct-98	13.058
Old Brahmaputra	SW225	Jamalpur	16-Oct-98	13.012
Old Brahmaputra	SW225	Jamalpur	17-Oct-98	12.99
Old Brahmaputra	SW225	Jamalpur	18-Oct-98	13.026
Old Brahmaputra	SW225	Jamalpur	19-Oct-98	13.01
Old Brahmaputra	SW225	Jamalpur	20-Oct-98	13.122
Old Brahmaputra	SW225	Jamalpur	21-Oct-98	13.826
Old Brahmaputra	SW225	Jamalpur	22-Oct-98	14.006
Old Brahmaputra	SW225	Jamalpur	23-Oct-98	14.178
Old Brahmaputra	SW225	Jamalpur	24-Oct-98	14.14
Old Brahmaputra	SW225	Jamalpur	25-Oct-98	14.062
Old Brahmaputra	SW225	Jamalpur	26-Oct-98	14.22
Old Brahmaputra	SW225	Jamalpur	27-Oct-98	14.4
Old Brahmaputra	SW225	Jamalpur	28-Oct-98	14.438
Old Brahmaputra	SW225	Jamalpur	29-Oct-98	14.33
Old Brahmaputra	SW225	Jamalpur	30-Oct-98	14.14
Old Brahmaputra	SW225	Jamalpur	31-Oct-98	13.94
Old Brahmaputra	SW225	Jamalpur	01-Nov-98	13.77
Old Brahmaputra	SW225	Jamalpur	02-Nov-98	13.612
Old Brahmaputra	SW225	Jamalpur	03-Nov-98	13.452
Old Brahmaputra	SW225	Jamalpur	04-Nov-98	13.298
Old Brahmaputra	SW225	Jamalpur	05-Nov-98	13.154
Old Brahmaputra	SW225	Jamalpur	06-Nov-98	13.032
Old Brahmaputra	SW225	Jamalpur	07-Nov-98	12.932
Old Brahmaputra	SW225	Jamalpur	08-Nov-98	12.842
Old Brahmaputra	SW225	Jamalpur	09-Nov-98	12.772
Old Brahmaputra	SW225	Jamalpur	10-Nov-98	12.706
Old Brahmaputra	SW225	Jamalpur	11-Nov-98	12.652
Old Brahmaputra	SW225	Jamalpur	12-Nov-98	12.606
Old Brahmaputra	SW225	Jamalpur	13-Nov-98	12.556
Old Brahmaputra	SW225	Jamalpur	14-Nov-98	12.516
Old Brahmaputra	SW225	Jamalpur	15-Nov-98	12.478
Old Brahmaputra	SW225	Jamalpur	16-Nov-98	12.448
Old Brahmaputra	SW225	Jamalpur	17-Nov-98	12.426
Old Brahmaputra	SW225	Jamalpur	18-Nov-98	12.406
Old Brahmaputra	SW225	Jamalpur	19-Nov-98	12.388
Old Brahmaputra	SW225	Jamalpur	20-Nov-98	12.368
Old Brahmaputra	SW225	Jamalpur	21-Nov-98	12.35
Old Brahmaputra	SW225	Jamalpur	22-Nov-98	12.336
Old Brahmaputra	SW225	Jamalpur	23-Nov-98	12.34
Old Brahmaputra	SW225	Jamalpur	24-Nov-98	12.324
Old Brahmaputra	SW225	Jamalpur	25-Nov-98	12.304
Old Brahmaputra	SW225	Jamalpur	26-Nov-98	12.288

Old Brahmaputra	SW225	Jamalpur	27-Nov-98	12.27
Old Brahmaputra	SW225	Jamalpur	28-Nov-98	12.258
Old Brahmaputra	SW225	Jamalpur	29-Nov-98	12.24
Old Brahmaputra	SW225	Jamalpur	30-Nov-98	12.228
Old Brahmaputra	SW225	Jamalpur	01-Dec-98	12.21
Old Brahmaputra	SW225	Jamalpur	02-Dec-98	12.206
Old Brahmaputra	SW225	Jamalpur	03-Dec-98	12.198
Old Brahmaputra	SW225	Jamalpur	04-Dec-98	12.18
Old Brahmaputra	SW225	Jamalpur	05-Dec-98	12.176
Old Brahmaputra	SW225	Jamalpur	06-Dec-98	12.16
Old Brahmaputra	SW225	Jamalpur	07-Dec-98	12.15
Old Brahmaputra	SW225	Jamalpur	08-Dec-98	12.14
Old Brahmaputra	SW225	Jamalpur	09-Dec-98	12.13
Old Brahmaputra	SW225	Jamalpur	10-Dec-98	12.12
Old Brahmaputra	SW225	Jamalpur	11-Dec-98	12.11
Old Brahmaputra	SW225	Jamalpur	12-Dec-98	12.1
Old Brahmaputra	SW225	Jamalpur	13-Dec-98	12.1
Old Brahmaputra	SW225	Jamalpur	14-Dec-98	12.09
Old Brahmaputra	SW225	Jamalpur	15-Dec-98	12.08
Old Brahmaputra	SW225	Jamalpur	16-Dec-98	12.07
Old Brahmaputra	SW225	Jamalpur	17-Dec-98	12.06
Old Brahmaputra	SW225	Jamalpur	18-Dec-98	12.05
Old Brahmaputra	SW225	Jamalpur	19-Dec-98	12.04
Old Brahmaputra	SW225	Jamalpur	20-Dec-98	12.03
Old Brahmaputra	SW225	Jamalpur	21-Dec-98	12.02
Old Brahmaputra	SW225	Jamalpur	22-Dec-98	12.01
Old Brahmaputra	SW225	Jamalpur	23-Dec-98	12.01
Old Brahmaputra	SW225	Jamalpur	24-Dec-98	12
Old Brahmaputra	SW225	Jamalpur	25-Dec-98	12
Old Brahmaputra	SW225	Jamalpur	26-Dec-98	11.99
Old Brahmaputra	SW225	Jamalpur	27-Dec-98	11.98
Old Brahmaputra	SW225	Jamalpur	28-Dec-98	11.97
Old Brahmaputra	SW225	Jamalpur	29-Dec-98	11.96
Old Brahmaputra	SW225	Jamalpur	30-Dec-98	11.95
Old Brahmaputra	SW225	Jamalpur	31-Dec-98	11.95
Old Brahmaputra	SW225	Jamalpur	01-Jan-99	11.94
Old Brahmaputra	SW225	Jamalpur	02-Jan-99	11.94
Old Brahmaputra	SW225	Jamalpur	03-Jan-99	11.94
Old Brahmaputra	SW225	Jamalpur	04-Jan-99	11.93
Old Brahmaputra	SW225	Jamalpur	05-Jan-99	11.92
Old Brahmaputra	SW225	Jamalpur	06-Jan-99	11.92
Old Brahmaputra	SW225	Jamalpur	07-Jan-99	11.91
Old Brahmaputra	SW225	Jamalpur	08-Jan-99	11.9
Old Brahmaputra	SW225	Jamalpur	09-Jan-99	11.9
Old Brahmaputra	SW225	Jamalpur	10-Jan-99	11.89
Old Brahmaputra	SW225	Jamalpur	11-Jan-99	11.88
Old Brahmaputra	SW225	Jamalpur	12-Jan-99	11.88
Old Brahmaputra	SW225	Jamalpur	13-Jan-99	11.87
Old Brahmaputra	SW225	Jamalpur	14-Jan-99	11.87
Old Brahmaputra	SW225	Jamalpur	15-Jan-99	11.86

Old Brahmaputra	SW225	Jamalpur	16-Jan-99	11.86
Old Brahmaputra	SW225	Jamalpur	17-Jan-99	11.85
Old Brahmaputra	SW225	Jamalpur	18-Jan-99	11.85
Old Brahmaputra	SW225	Jamalpur	19-Jan-99	11.85
Old Brahmaputra	SW225	Jamalpur	20-Jan-99	11.84
Old Brahmaputra	SW225	Jamalpur	21-Jan-99	11.83
Old Brahmaputra	SW225	Jamalpur	22-Jan-99	11.83
Old Brahmaputra	SW225	Jamalpur	23-Jan-99	11.83
Old Brahmaputra	SW225	Jamalpur	24-Jan-99	11.82
Old Brahmaputra	SW225	Jamalpur	25-Jan-99	11.81
Old Brahmaputra	SW225	Jamalpur	26-Jan-99	11.81
Old Brahmaputra	SW225	Jamalpur	27-Jan-99	11.8
Old Brahmaputra	SW225	Jamalpur	28-Jan-99	11.79
Old Brahmaputra	SW225	Jamalpur	29-Jan-99	11.78
Old Brahmaputra	SW225	Jamalpur	30-Jan-99	11.78
Old Brahmaputra	SW225	Jamalpur	31-Jan-99	11.77
Old Brahmaputra	SW225	Jamalpur	01-Feb-99	11.754
Old Brahmaputra	SW225	Jamalpur	02-Feb-99	11.74
Old Brahmaputra	SW225	Jamalpur	03-Feb-99	11.73
Old Brahmaputra	SW225	Jamalpur	04-Feb-99	11.72
Old Brahmaputra	SW225	Jamalpur	05-Feb-99	11.7
Old Brahmaputra	SW225	Jamalpur	06-Feb-99	11.684
Old Brahmaputra	SW225	Jamalpur	07-Feb-99	11.67
Old Brahmaputra	SW225	Jamalpur	08-Feb-99	11.66
Old Brahmaputra	SW225	Jamalpur	09-Feb-99	11.65
Old Brahmaputra	SW225	Jamalpur	10-Feb-99	11.64
Old Brahmaputra	SW225	Jamalpur	11-Feb-99	11.63
Old Brahmaputra	SW225	Jamalpur	12-Feb-99	11.616
Old Brahmaputra	SW225	Jamalpur	13-Feb-99	11.6
Old Brahmaputra	SW225	Jamalpur	14-Feb-99	11.59
Old Brahmaputra	SW225	Jamalpur	15-Feb-99	11.58
Old Brahmaputra	SW225	Jamalpur	16-Feb-99	11.57
Old Brahmaputra	SW225	Jamalpur	17-Feb-99	11.56
Old Brahmaputra	SW225	Jamalpur	18-Feb-99	11.55
Old Brahmaputra	SW225	Jamalpur	19-Feb-99	11.54
Old Brahmaputra	SW225	Jamalpur	20-Feb-99	11.53
Old Brahmaputra	SW225	Jamalpur	21-Feb-99	11.53
Old Brahmaputra	SW225	Jamalpur	22-Feb-99	11.52
Old Brahmaputra	SW225	Jamalpur	23-Feb-99	11.52
Old Brahmaputra	SW225	Jamalpur	24-Feb-99	11.51
Old Brahmaputra	SW225	Jamalpur	25-Feb-99	11.51
Old Brahmaputra	SW225	Jamalpur	26-Feb-99	11.502
Old Brahmaputra	SW225	Jamalpur	27-Feb-99	11.5
Old Brahmaputra	SW225	Jamalpur	28-Feb-99	11.49
Old Brahmaputra	SW225	Jamalpur	01-Mar-99	11.48
Old Brahmaputra	SW225	Jamalpur	02-Mar-99	11.47
Old Brahmaputra	SW225	Jamalpur	03-Mar-99	11.48
Old Brahmaputra	SW225	Jamalpur	04-Mar-99	11.47
Old Brahmaputra	SW225	Jamalpur	05-Mar-99	11.46
Old Brahmaputra	SW225	Jamalpur	06-Mar-99	11.46

Old Brahmaputra	SW225	Jamalpur	07-Mar-99	11.46
Old Brahmaputra	SW225	Jamalpur	08-Mar-99	11.45
Old Brahmaputra	SW225	Jamalpur	09-Mar-99	11.45
Old Brahmaputra	SW225	Jamalpur	10-Mar-99	11.44
Old Brahmaputra	SW225	Jamalpur	11-Mar-99	11.44
Old Brahmaputra	SW225	Jamalpur	12-Mar-99	11.44
Old Brahmaputra	SW225	Jamalpur	13-Mar-99	11.43
Old Brahmaputra	SW225	Jamalpur	14-Mar-99	11.42
Old Brahmaputra	SW225	Jamalpur	15-Mar-99	11.41
Old Brahmaputra	SW225	Jamalpur	16-Mar-99	11.41
Old Brahmaputra	SW225	Jamalpur	17-Mar-99	11.4
Old Brahmaputra	SW225	Jamalpur	18-Mar-99	11.4
Old Brahmaputra	SW225	Jamalpur	19-Mar-99	11.4
Old Brahmaputra	SW225	Jamalpur	20-Mar-99	11.386
Old Brahmaputra	SW225	Jamalpur	21-Mar-99	11.376
Old Brahmaputra	SW225	Jamalpur	22-Mar-99	11.37
Old Brahmaputra	SW225	Jamalpur	23-Mar-99	11.37
Old Brahmaputra	SW225	Jamalpur	24-Mar-99	11.36
Old Brahmaputra	SW225	Jamalpur	25-Mar-99	11.36
Old Brahmaputra	SW225	Jamalpur	26-Mar-99	11.36
Old Brahmaputra	SW225	Jamalpur	27-Mar-99	11.36
Old Brahmaputra	SW225	Jamalpur	28-Mar-99	11.35
Old Brahmaputra	SW225	Jamalpur	29-Mar-99	11.35
Old Brahmaputra	SW225	Jamalpur	30-Mar-99	11.35
Old Brahmaputra	SW225	Jamalpur	31-Mar-99	11.35
Old Brahmaputra	SW225	Jamalpur	01-Apr-99	11.35
Old Brahmaputra	SW225	Jamalpur	02-Apr-99	11.34
Old Brahmaputra	SW225	Jamalpur	03-Apr-99	11.34
Old Brahmaputra	SW225	Jamalpur	04-Apr-99	11.354
Old Brahmaputra	SW225	Jamalpur	05-Apr-99	11.404
Old Brahmaputra	SW225	Jamalpur	06-Apr-99	11.41
Old Brahmaputra	SW225	Jamalpur	07-Apr-99	11.396
Old Brahmaputra	SW225	Jamalpur	08-Apr-99	11.384
Old Brahmaputra	SW225	Jamalpur	09-Apr-99	11.38
Old Brahmaputra	SW225	Jamalpur	10-Apr-99	11.41
Old Brahmaputra	SW225	Jamalpur	11-Apr-99	11.57
Old Brahmaputra	SW225	Jamalpur	12-Apr-99	11.618
Old Brahmaputra	SW225	Jamalpur	13-Apr-99	11.59
Old Brahmaputra	SW225	Jamalpur	14-Apr-99	11.58
Old Brahmaputra	SW225	Jamalpur	15-Apr-99	11.55
Old Brahmaputra	SW225	Jamalpur	16-Apr-99	11.504
Old Brahmaputra	SW225	Jamalpur	17-Apr-99	11.476
Old Brahmaputra	SW225	Jamalpur	18-Apr-99	11.458
Old Brahmaputra	SW225	Jamalpur	19-Apr-99	11.436
Old Brahmaputra	SW225	Jamalpur	20-Apr-99	11.42
Old Brahmaputra	SW225	Jamalpur	21-Apr-99	11.41
Old Brahmaputra	SW225	Jamalpur	22-Apr-99	11.4
Old Brahmaputra	SW225	Jamalpur	23-Apr-99	11.39
Old Brahmaputra	SW225	Jamalpur	24-Apr-99	11.39
Old Brahmaputra	SW225	Jamalpur	25-Apr-99	11.4

Old Brahmaputra	SW225	Jamalpur	26-Apr-99	11.4
Old Brahmaputra	SW225	Jamalpur	27-Apr-99	11.39
Old Brahmaputra	SW225	Jamalpur	28-Apr-99	11.39
Old Brahmaputra	SW225	Jamalpur	29-Apr-99	11.4
Old Brahmaputra	SW225	Jamalpur	30-Apr-99	11.41
Old Brahmaputra	SW225	Jamalpur	01-May-99	11.406
Old Brahmaputra	SW225	Jamalpur	02-May-99	11.4
Old Brahmaputra	SW225	Jamalpur	03-May-99	11.41
Old Brahmaputra	SW225	Jamalpur	04-May-99	11.46
Old Brahmaputra	SW225	Jamalpur	05-May-99	11.562
Old Brahmaputra	SW225	Jamalpur	06-May-99	11.828
Old Brahmaputra	SW225	Jamalpur	07-May-99	12.564
Old Brahmaputra	SW225	Jamalpur	08-May-99	12.774
Old Brahmaputra	SW225	Jamalpur	09-May-99	12.916
Old Brahmaputra	SW225	Jamalpur	10-May-99	12.856
Old Brahmaputra	SW225	Jamalpur	11-May-99	12.838
Old Brahmaputra	SW225	Jamalpur	12-May-99	12.676
Old Brahmaputra	SW225	Jamalpur	13-May-99	12.57
Old Brahmaputra	SW225	Jamalpur	14-May-99	12.448
Old Brahmaputra	SW225	Jamalpur	15-May-99	12.36
Old Brahmaputra	SW225	Jamalpur	16-May-99	12.278
Old Brahmaputra	SW225	Jamalpur	17-May-99	12.246
Old Brahmaputra	SW225	Jamalpur	18-May-99	12.168
Old Brahmaputra	SW225	Jamalpur	19-May-99	12.142
Old Brahmaputra	SW225	Jamalpur	20-May-99	12.096
Old Brahmaputra	SW225	Jamalpur	21-May-99	12.038
Old Brahmaputra	SW225	Jamalpur	22-May-99	12.01
Old Brahmaputra	SW225	Jamalpur	23-May-99	12
Old Brahmaputra	SW225	Jamalpur	24-May-99	11.992
Old Brahmaputra	SW225	Jamalpur	25-May-99	11.982
Old Brahmaputra	SW225	Jamalpur	26-May-99	12.048
Old Brahmaputra	SW225	Jamalpur	27-May-99	12.316
Old Brahmaputra	SW225	Jamalpur	28-May-99	12.442
Old Brahmaputra	SW225	Jamalpur	29-May-99	12.528
Old Brahmaputra	SW225	Jamalpur	30-May-99	12.72
Old Brahmaputra	SW225	Jamalpur	31-May-99	12.992
Old Brahmaputra	SW225	Jamalpur	01-Jun-99	13.366
Old Brahmaputra	SW225	Jamalpur	02-Jun-99	13.6
Old Brahmaputra	SW225	Jamalpur	03-Jun-99	13.814
Old Brahmaputra	SW225	Jamalpur	04-Jun-99	14.148
Old Brahmaputra	SW225	Jamalpur	05-Jun-99	14.522
Old Brahmaputra	SW225	Jamalpur	06-Jun-99	14.67
Old Brahmaputra	SW225	Jamalpur	07-Jun-99	14.618
Old Brahmaputra	SW225	Jamalpur	08-Jun-99	14.378
Old Brahmaputra	SW225	Jamalpur	09-Jun-99	14.05
Old Brahmaputra	SW225	Jamalpur	10-Jun-99	13.72
Old Brahmaputra	SW225	Jamalpur	11-Jun-99	13.442
Old Brahmaputra	SW225	Jamalpur	12-Jun-99	13.234
Old Brahmaputra	SW225	Jamalpur	13-Jun-99	13.094
Old Brahmaputra	SW225	Jamalpur	14-Jun-99	13

Old Brahmaputra	SW225	Jamalpur	15-Jun-99	12.99
Old Brahmaputra	SW225	Jamalpur	16-Jun-99	13.154
Old Brahmaputra	SW225	Jamalpur	17-Jun-99	13.392
Old Brahmaputra	SW225	Jamalpur	18-Jun-99	13.53
Old Brahmaputra	SW225	Jamalpur	19-Jun-99	13.662
Old Brahmaputra	SW225	Jamalpur	20-Jun-99	13.806
Old Brahmaputra	SW225	Jamalpur	21-Jun-99	13.944
Old Brahmaputra	SW225	Jamalpur	22-Jun-99	14.062
Old Brahmaputra	SW225	Jamalpur	23-Jun-99	14.13
Old Brahmaputra	SW225	Jamalpur	24-Jun-99	14.24
Old Brahmaputra	SW225	Jamalpur	25-Jun-99	14.474
Old Brahmaputra	SW225	Jamalpur	26-Jun-99	15.036
Old Brahmaputra	SW225	Jamalpur	27-Jun-99	15.354
Old Brahmaputra	SW225	Jamalpur	28-Jun-99	15.532
Old Brahmaputra	SW225	Jamalpur	29-Jun-99	15.68
Old Brahmaputra	SW225	Jamalpur	30-Jun-99	15.8
Old Brahmaputra	SW225	Jamalpur	01-Jul-99	15.962
Old Brahmaputra	SW225	Jamalpur	02-Jul-99	16.04
Old Brahmaputra	SW225	Jamalpur	03-Jul-99	16.008
Old Brahmaputra	SW225	Jamalpur	04-Jul-99	16.046
Old Brahmaputra	SW225	Jamalpur	05-Jul-99	16.142
Old Brahmaputra	SW225	Jamalpur	06-Jul-99	16.226
Old Brahmaputra	SW225	Jamalpur	07-Jul-99	16.2
Old Brahmaputra	SW225	Jamalpur	08-Jul-99	16.114
Old Brahmaputra	SW225	Jamalpur	09-Jul-99	16.032
Old Brahmaputra	SW225	Jamalpur	10-Jul-99	15.942
Old Brahmaputra	SW225	Jamalpur	11-Jul-99	15.9
Old Brahmaputra	SW225	Jamalpur	12-Jul-99	15.916
Old Brahmaputra	SW225	Jamalpur	13-Jul-99	15.93
Old Brahmaputra	SW225	Jamalpur	14-Jul-99	15.894
Old Brahmaputra	SW225	Jamalpur	15-Jul-99	15.876
Old Brahmaputra	SW225	Jamalpur	16-Jul-99	15.816
Old Brahmaputra	SW225	Jamalpur	17-Jul-99	15.696
Old Brahmaputra	SW225	Jamalpur	18-Jul-99	15.566
Old Brahmaputra	SW225	Jamalpur	19-Jul-99	15.486
Old Brahmaputra	SW225	Jamalpur	20-Jul-99	15.604
Old Brahmaputra	SW225	Jamalpur	21-Jul-99	15.674
Old Brahmaputra	SW225	Jamalpur	22-Jul-99	15.672
Old Brahmaputra	SW225	Jamalpur	23-Jul-99	15.672
Old Brahmaputra	SW225	Jamalpur	24-Jul-99	15.588
Old Brahmaputra	SW225	Jamalpur	25-Jul-99	15.49
Old Brahmaputra	SW225	Jamalpur	26-Jul-99	15.41
Old Brahmaputra	SW225	Jamalpur	27-Jul-99	15.324
Old Brahmaputra	SW225	Jamalpur	28-Jul-99	15.218
Old Brahmaputra	SW225	Jamalpur	29-Jul-99	15.13
Old Brahmaputra	SW225	Jamalpur	30-Jul-99	15.072
Old Brahmaputra	SW225	Jamalpur	31-Jul-99	15.018
Old Brahmaputra	SW225	Jamalpur	01-Aug-99	14.928
Old Brahmaputra	SW225	Jamalpur	02-Aug-99	14.874
Old Brahmaputra	SW225	Jamalpur	03-Aug-99	14.798

Old Brahmaputra	SW225	Jamalpur	04-Aug-99	14.73
Old Brahmaputra	SW225	Jamalpur	05-Aug-99	14.622
Old Brahmaputra	SW225	Jamalpur	06-Aug-99	14.482
Old Brahmaputra	SW225	Jamalpur	07-Aug-99	14.336
Old Brahmaputra	SW225	Jamalpur	08-Aug-99	14.224
Old Brahmaputra	SW225	Jamalpur	09-Aug-99	14.178
Old Brahmaputra	SW225	Jamalpur	10-Aug-99	14.158
Old Brahmaputra	SW225	Jamalpur	11-Aug-99	14.192
Old Brahmaputra	SW225	Jamalpur	12-Aug-99	14.39
Old Brahmaputra	SW225	Jamalpur	13-Aug-99	14.692
Old Brahmaputra	SW225	Jamalpur	14-Aug-99	14.88
Old Brahmaputra	SW225	Jamalpur	15-Aug-99	15.014
Old Brahmaputra	SW225	Jamalpur	16-Aug-99	15.108
Old Brahmaputra	SW225	Jamalpur	17-Aug-99	15.174
Old Brahmaputra	SW225	Jamalpur	18-Aug-99	15.232
Old Brahmaputra	SW225	Jamalpur	19-Aug-99	15.25
Old Brahmaputra	SW225	Jamalpur	20-Aug-99	15.292
Old Brahmaputra	SW225	Jamalpur	21-Aug-99	15.344
Old Brahmaputra	SW225	Jamalpur	22-Aug-99	15.372
Old Brahmaputra	SW225	Jamalpur	23-Aug-99	15.414
Old Brahmaputra	SW225	Jamalpur	24-Aug-99	15.44
Old Brahmaputra	SW225	Jamalpur	25-Aug-99	15.61
Old Brahmaputra	SW225	Jamalpur	26-Aug-99	15.97
Old Brahmaputra	SW225	Jamalpur	27-Aug-99	16.27
Old Brahmaputra	SW225	Jamalpur	28-Aug-99	16.438
Old Brahmaputra	SW225	Jamalpur	29-Aug-99	16.544
Old Brahmaputra	SW225	Jamalpur	30-Aug-99	16.552
Old Brahmaputra	SW225	Jamalpur	31-Aug-99	16.518
Old Brahmaputra	SW225	Jamalpur	01-Sep-99	16.44
Old Brahmaputra	SW225	Jamalpur	02-Sep-99	16.34
Old Brahmaputra	SW225	Jamalpur	03-Sep-99	16.21
Old Brahmaputra	SW225	Jamalpur	04-Sep-99	16.078
Old Brahmaputra	SW225	Jamalpur	05-Sep-99	15.952
Old Brahmaputra	SW225	Jamalpur	06-Sep-99	15.85
Old Brahmaputra	SW225	Jamalpur	07-Sep-99	15.76
Old Brahmaputra	SW225	Jamalpur	08-Sep-99	15.694
Old Brahmaputra	SW225	Jamalpur	09-Sep-99	15.654
Old Brahmaputra	SW225	Jamalpur	10-Sep-99	15.58
Old Brahmaputra	SW225	Jamalpur	11-Sep-99	15.5
Old Brahmaputra	SW225	Jamalpur	12-Sep-99	15.416
Old Brahmaputra	SW225	Jamalpur	13-Sep-99	15.338
Old Brahmaputra	SW225	Jamalpur	14-Sep-99	15.292
Old Brahmaputra	SW225	Jamalpur	15-Sep-99	15.2
Old Brahmaputra	SW225	Jamalpur	16-Sep-99	15.116
Old Brahmaputra	SW225	Jamalpur	17-Sep-99	15.04
Old Brahmaputra	SW225	Jamalpur	18-Sep-99	14.92
Old Brahmaputra	SW225	Jamalpur	19-Sep-99	14.842
Old Brahmaputra	SW225	Jamalpur	20-Sep-99	14.78
Old Brahmaputra	SW225	Jamalpur	21-Sep-99	14.73
Old Brahmaputra	SW225	Jamalpur	22-Sep-99	14.708

Old Brahmaputra	SW225	Jamalpur	23-Sep-99	14.678
Old Brahmaputra	SW225	Jamalpur	24-Sep-99	14.63
Old Brahmaputra	SW225	Jamalpur	25-Sep-99	14.528
Old Brahmaputra	SW225	Jamalpur	26-Sep-99	14.378
Old Brahmaputra	SW225	Jamalpur	27-Sep-99	14.26
Old Brahmaputra	SW225	Jamalpur	28-Sep-99	14.208
Old Brahmaputra	SW225	Jamalpur	29-Sep-99	14.096
Old Brahmaputra	SW225	Jamalpur	30-Sep-99	13.92
Old Brahmaputra	SW225	Jamalpur	01-Oct-99	13.788
Old Brahmaputra	SW225	Jamalpur	02-Oct-99	13.69
Old Brahmaputra	SW225	Jamalpur	03-Oct-99	13.62
Old Brahmaputra	SW225	Jamalpur	04-Oct-99	13.536
Old Brahmaputra	SW225	Jamalpur	05-Oct-99	13.56
Old Brahmaputra	SW225	Jamalpur	06-Oct-99	13.414
Old Brahmaputra	SW225	Jamalpur	07-Oct-99	13.33
Old Brahmaputra	SW225	Jamalpur	08-Oct-99	13.292
Old Brahmaputra	SW225	Jamalpur	09-Oct-99	13.22
Old Brahmaputra	SW225	Jamalpur	10-Oct-99	13.196
Old Brahmaputra	SW225	Jamalpur	11-Oct-99	13.218
Old Brahmaputra	SW225	Jamalpur	12-Oct-99	13.258
Old Brahmaputra	SW225	Jamalpur	13-Oct-99	13.302
Old Brahmaputra	SW225	Jamalpur	14-Oct-99	13.376
Old Brahmaputra	SW225	Jamalpur	15-Oct-99	13.446
Old Brahmaputra	SW225	Jamalpur	16-Oct-99	13.438
Old Brahmaputra	SW225	Jamalpur	17-Oct-99	13.356
Old Brahmaputra	SW225	Jamalpur	18-Oct-99	13.332
Old Brahmaputra	SW225	Jamalpur	19-Oct-99	13.246
Old Brahmaputra	SW225	Jamalpur	20-Oct-99	13.18
Old Brahmaputra	SW225	Jamalpur	21-Oct-99	13.344
Old Brahmaputra	SW225	Jamalpur	22-Oct-99	13.662
Old Brahmaputra	SW225	Jamalpur	23-Oct-99	13.672
Old Brahmaputra	SW225	Jamalpur	24-Oct-99	13.646
Old Brahmaputra	SW225	Jamalpur	25-Oct-99	13.732
Old Brahmaputra	SW225	Jamalpur	26-Oct-99	13.844
Old Brahmaputra	SW225	Jamalpur	27-Oct-99	13.848
Old Brahmaputra	SW225	Jamalpur	28-Oct-99	13.7
Old Brahmaputra	SW225	Jamalpur	29-Oct-99	13.474
Old Brahmaputra	SW225	Jamalpur	30-Oct-99	13.256
Old Brahmaputra	SW225	Jamalpur	31-Oct-99	13.072
Old Brahmaputra	SW225	Jamalpur	01-Nov-99	12.94
Old Brahmaputra	SW225	Jamalpur	02-Nov-99	12.81
Old Brahmaputra	SW225	Jamalpur	03-Nov-99	12.72
Old Brahmaputra	SW225	Jamalpur	04-Nov-99	12.61
Old Brahmaputra	SW225	Jamalpur	05-Nov-99	12.53
Old Brahmaputra	SW225	Jamalpur	06-Nov-99	12.46
Old Brahmaputra	SW225	Jamalpur	07-Nov-99	12.39
Old Brahmaputra	SW225	Jamalpur	08-Nov-99	12.338
Old Brahmaputra	SW225	Jamalpur	09-Nov-99	12.292
Old Brahmaputra	SW225	Jamalpur	10-Nov-99	12.254
Old Brahmaputra	SW225	Jamalpur	11-Nov-99	12.224

Old Brahmaputra	SW225	Jamalpur	12-Nov-99	12.194
Old Brahmaputra	SW225	Jamalpur	13-Nov-99	12.15
Old Brahmaputra	SW225	Jamalpur	14-Nov-99	12.114
Old Brahmaputra	SW225	Jamalpur	15-Nov-99	12.078
Old Brahmaputra	SW225	Jamalpur	16-Nov-99	12.054
Old Brahmaputra	SW225	Jamalpur	17-Nov-99	12.036
Old Brahmaputra	SW225	Jamalpur	18-Nov-99	12.016
Old Brahmaputra	SW225	Jamalpur	19-Nov-99	12
Old Brahmaputra	SW225	Jamalpur	20-Nov-99	11.99
Old Brahmaputra	SW225	Jamalpur	21-Nov-99	11.976
Old Brahmaputra	SW225	Jamalpur	22-Nov-99	11.96
Old Brahmaputra	SW225	Jamalpur	23-Nov-99	11.95
Old Brahmaputra	SW225	Jamalpur	24-Nov-99	11.94
Old Brahmaputra	SW225	Jamalpur	25-Nov-99	11.926
Old Brahmaputra	SW225	Jamalpur	26-Nov-99	11.91
Old Brahmaputra	SW225	Jamalpur	27-Nov-99	11.904
Old Brahmaputra	SW225	Jamalpur	28-Nov-99	11.89
Old Brahmaputra	SW225	Jamalpur	29-Nov-99	11.88
Old Brahmaputra	SW225	Jamalpur	30-Nov-99	11.87
Old Brahmaputra	SW225	Jamalpur	01-Dec-99	11.86
Old Brahmaputra	SW225	Jamalpur	02-Dec-99	11.856
Old Brahmaputra	SW225	Jamalpur	03-Dec-99	11.846
Old Brahmaputra	SW225	Jamalpur	04-Dec-99	11.84
Old Brahmaputra	SW225	Jamalpur	05-Dec-99	11.84
Old Brahmaputra	SW225	Jamalpur	06-Dec-99	11.85
Old Brahmaputra	SW225	Jamalpur	07-Dec-99	11.84
Old Brahmaputra	SW225	Jamalpur	08-Dec-99	11.83
Old Brahmaputra	SW225	Jamalpur	09-Dec-99	11.82
Old Brahmaputra	SW225	Jamalpur	10-Dec-99	11.81
Old Brahmaputra	SW225	Jamalpur	11-Dec-99	11.8
Old Brahmaputra	SW225	Jamalpur	12-Dec-99	11.794
Old Brahmaputra	SW225	Jamalpur	13-Dec-99	11.78
Old Brahmaputra	SW225	Jamalpur	14-Dec-99	11.77
Old Brahmaputra	SW225	Jamalpur	15-Dec-99	11.766
Old Brahmaputra	SW225	Jamalpur	16-Dec-99	11.76
Old Brahmaputra	SW225	Jamalpur	17-Dec-99	11.75
Old Brahmaputra	SW225	Jamalpur	18-Dec-99	11.75
Old Brahmaputra	SW225	Jamalpur	19-Dec-99	11.75
Old Brahmaputra	SW225	Jamalpur	20-Dec-99	11.74
Old Brahmaputra	SW225	Jamalpur	21-Dec-99	11.74
Old Brahmaputra	SW225	Jamalpur	22-Dec-99	11.73
Old Brahmaputra	SW225	Jamalpur	23-Dec-99	11.73
Old Brahmaputra	SW225	Jamalpur	24-Dec-99	11.73
Old Brahmaputra	SW225	Jamalpur	25-Dec-99	11.72
Old Brahmaputra	SW225	Jamalpur	26-Dec-99	11.71
Old Brahmaputra	SW225	Jamalpur	27-Dec-99	11.71
Old Brahmaputra	SW225	Jamalpur	28-Dec-99	11.7
Old Brahmaputra	SW225	Jamalpur	29-Dec-99	11.696
Old Brahmaputra	SW225	Jamalpur	30-Dec-99	11.686
Old Brahmaputra	SW225	Jamalpur	31-Dec-99	11.68

Old Brahmaputra	SW225	Jamalpur	01-Jan-00	11.676
Old Brahmaputra	SW225	Jamalpur	02-Jan-00	11.67
Old Brahmaputra	SW225	Jamalpur	03-Jan-00	11.67
Old Brahmaputra	SW225	Jamalpur	04-Jan-00	11.66
Old Brahmaputra	SW225	Jamalpur	05-Jan-00	11.66
Old Brahmaputra	SW225	Jamalpur	06-Jan-00	11.65
Old Brahmaputra	SW225	Jamalpur	07-Jan-00	11.65
Old Brahmaputra	SW225	Jamalpur	08-Jan-00	11.65
Old Brahmaputra	SW225	Jamalpur	09-Jan-00	11.65
Old Brahmaputra	SW225	Jamalpur	10-Jan-00	11.64
Old Brahmaputra	SW225	Jamalpur	11-Jan-00	11.64
Old Brahmaputra	SW225	Jamalpur	12-Jan-00	11.64
Old Brahmaputra	SW225	Jamalpur	13-Jan-00	11.64
Old Brahmaputra	SW225	Jamalpur	14-Jan-00	11.63
Old Brahmaputra	SW225	Jamalpur	15-Jan-00	11.63
Old Brahmaputra	SW225	Jamalpur	16-Jan-00	11.62
Old Brahmaputra	SW225	Jamalpur	17-Jan-00	11.614
Old Brahmaputra	SW225	Jamalpur	18-Jan-00	11.61
Old Brahmaputra	SW225	Jamalpur	19-Jan-00	11.6
Old Brahmaputra	SW225	Jamalpur	20-Jan-00	11.6
Old Brahmaputra	SW225	Jamalpur	21-Jan-00	11.59
Old Brahmaputra	SW225	Jamalpur	22-Jan-00	11.58
Old Brahmaputra	SW225	Jamalpur	23-Jan-00	11.58
Old Brahmaputra	SW225	Jamalpur	24-Jan-00	11.57
Old Brahmaputra	SW225	Jamalpur	25-Jan-00	11.554
Old Brahmaputra	SW225	Jamalpur	26-Jan-00	11.54
Old Brahmaputra	SW225	Jamalpur	27-Jan-00	11.526
Old Brahmaputra	SW225	Jamalpur	28-Jan-00	11.52
Old Brahmaputra	SW225	Jamalpur	29-Jan-00	11.51
Old Brahmaputra	SW225	Jamalpur	30-Jan-00	11.51
Old Brahmaputra	SW225	Jamalpur	31-Jan-00	11.5
Old Brahmaputra	SW225	Jamalpur	01-Feb-00	11.486
Old Brahmaputra	SW225	Jamalpur	02-Feb-00	11.466
Old Brahmaputra	SW225	Jamalpur	03-Feb-00	11.45
Old Brahmaputra	SW225	Jamalpur	04-Feb-00	11.444
Old Brahmaputra	SW225	Jamalpur	05-Feb-00	11.44
Old Brahmaputra	SW225	Jamalpur	06-Feb-00	11.45
Old Brahmaputra	SW225	Jamalpur	07-Feb-00	11.458
Old Brahmaputra	SW225	Jamalpur	08-Feb-00	11.432
Old Brahmaputra	SW225	Jamalpur	09-Feb-00	11.42
Old Brahmaputra	SW225	Jamalpur	10-Feb-00	11.41
Old Brahmaputra	SW225	Jamalpur	11-Feb-00	11.396
Old Brahmaputra	SW225	Jamalpur	12-Feb-00	11.38
Old Brahmaputra	SW225	Jamalpur	13-Feb-00	11.37
Old Brahmaputra	SW225	Jamalpur	14-Feb-00	11.356
Old Brahmaputra	SW225	Jamalpur	15-Feb-00	11.34
Old Brahmaputra	SW225	Jamalpur	16-Feb-00	11.33
Old Brahmaputra	SW225	Jamalpur	17-Feb-00	11.32
Old Brahmaputra	SW225	Jamalpur	18-Feb-00	11.31
Old Brahmaputra	SW225	Jamalpur	19-Feb-00	11.3

Old Brahmaputra	SW225	Jamalpur	20-Feb-00	11.3
Old Brahmaputra	SW225	Jamalpur	21-Feb-00	11.29
Old Brahmaputra	SW225	Jamalpur	22-Feb-00	11.286
Old Brahmaputra	SW225	Jamalpur	23-Feb-00	11.28
Old Brahmaputra	SW225	Jamalpur	24-Feb-00	11.27
Old Brahmaputra	SW225	Jamalpur	25-Feb-00	11.27
Old Brahmaputra	SW225	Jamalpur	26-Feb-00	11.26
Old Brahmaputra	SW225	Jamalpur	27-Feb-00	11.254
Old Brahmaputra	SW225	Jamalpur	28-Feb-00	11.246
Old Brahmaputra	SW225	Jamalpur	29-Feb-00	11.24
Old Brahmaputra	SW225	Jamalpur	01-Mar-00	11.24
Old Brahmaputra	SW225	Jamalpur	02-Mar-00	11.24
Old Brahmaputra	SW225	Jamalpur	03-Mar-00	11.24
Old Brahmaputra	SW225	Jamalpur	04-Mar-00	11.25
Old Brahmaputra	SW225	Jamalpur	05-Mar-00	11.25
Old Brahmaputra	SW225	Jamalpur	06-Mar-00	11.25
Old Brahmaputra	SW225	Jamalpur	07-Mar-00	11.25
Old Brahmaputra	SW225	Jamalpur	08-Mar-00	11.26
Old Brahmaputra	SW225	Jamalpur	09-Mar-00	11.27
Old Brahmaputra	SW225	Jamalpur	10-Mar-00	11.27
Old Brahmaputra	SW225	Jamalpur	11-Mar-00	11.27
Old Brahmaputra	SW225	Jamalpur	12-Mar-00	11.26
Old Brahmaputra	SW225	Jamalpur	13-Mar-00	11.252
Old Brahmaputra	SW225	Jamalpur	14-Mar-00	11.292
Old Brahmaputra	SW225	Jamalpur	15-Mar-00	11.29
Old Brahmaputra	SW225	Jamalpur	16-Mar-00	11.28
Old Brahmaputra	SW225	Jamalpur	17-Mar-00	11.27
Old Brahmaputra	SW225	Jamalpur	18-Mar-00	11.27
Old Brahmaputra	SW225	Jamalpur	19-Mar-00	11.27
Old Brahmaputra	SW225	Jamalpur	20-Mar-00	11.27
Old Brahmaputra	SW225	Jamalpur	21-Mar-00	11.26
Old Brahmaputra	SW225	Jamalpur	22-Mar-00	11.25
Old Brahmaputra	SW225	Jamalpur	23-Mar-00	11.24
Old Brahmaputra	SW225	Jamalpur	24-Mar-00	11.24
Old Brahmaputra	SW225	Jamalpur	25-Mar-00	11.23
Old Brahmaputra	SW225	Jamalpur	26-Mar-00	11.23
Old Brahmaputra	SW225	Jamalpur	27-Mar-00	11.22
Old Brahmaputra	SW225	Jamalpur	28-Mar-00	11.22
Old Brahmaputra	SW225	Jamalpur	29-Mar-00	11.21
Old Brahmaputra	SW225	Jamalpur	30-Mar-00	11.2
Old Brahmaputra	SW225	Jamalpur	31-Mar-00	11.2
Old Brahmaputra	SW225	Jamalpur	01-Apr-00	11.2
Old Brahmaputra	SW225	Jamalpur	02-Apr-00	11.19
Old Brahmaputra	SW225	Jamalpur	03-Apr-00	11.18
Old Brahmaputra	SW225	Jamalpur	04-Apr-00	11.18
Old Brahmaputra	SW225	Jamalpur	05-Apr-00	11.17
Old Brahmaputra	SW225	Jamalpur	06-Apr-00	11.17
Old Brahmaputra	SW225	Jamalpur	07-Apr-00	11.164
Old Brahmaputra	SW225	Jamalpur	08-Apr-00	11.164
Old Brahmaputra	SW225	Jamalpur	09-Apr-00	11.15

Old Brahmaputra	SW225	Jamalpur	10-Apr-00	11.15
Old Brahmaputra	SW225	Jamalpur	11-Apr-00	11.14
Old Brahmaputra	SW225	Jamalpur	12-Apr-00	11.16
Old Brahmaputra	SW225	Jamalpur	13-Apr-00	11.16
Old Brahmaputra	SW225	Jamalpur	14-Apr-00	11.216
Old Brahmaputra	SW225	Jamalpur	15-Apr-00	11.214
Old Brahmaputra	SW225	Jamalpur	16-Apr-00	11.22
Old Brahmaputra	SW225	Jamalpur	17-Apr-00	11.22
Old Brahmaputra	SW225	Jamalpur	18-Apr-00	11.21
Old Brahmaputra	SW225	Jamalpur	19-Apr-00	11.244
Old Brahmaputra	SW225	Jamalpur	20-Apr-00	11.338
Old Brahmaputra	SW225	Jamalpur	21-Apr-00	11.482
Old Brahmaputra	SW225	Jamalpur	22-Apr-00	11.696
Old Brahmaputra	SW225	Jamalpur	23-Apr-00	11.982
Old Brahmaputra	SW225	Jamalpur	24-Apr-00	11.932
Old Brahmaputra	SW225	Jamalpur	25-Apr-00	11.874
Old Brahmaputra	SW225	Jamalpur	26-Apr-00	11.928
Old Brahmaputra	SW225	Jamalpur	27-Apr-00	11.946
Old Brahmaputra	SW225	Jamalpur	28-Apr-00	12.086
Old Brahmaputra	SW225	Jamalpur	29-Apr-00	12.11
Old Brahmaputra	SW225	Jamalpur	30-Apr-00	12.024
Old Brahmaputra	SW225	Jamalpur	01-May-00	12.056
Old Brahmaputra	SW225	Jamalpur	02-May-00	12.116
Old Brahmaputra	SW225	Jamalpur	03-May-00	12.292
Old Brahmaputra	SW225	Jamalpur	04-May-00	12.43
Old Brahmaputra	SW225	Jamalpur	05-May-00	12.302
Old Brahmaputra	SW225	Jamalpur	06-May-00	12.262
Old Brahmaputra	SW225	Jamalpur	07-May-00	12.344
Old Brahmaputra	SW225	Jamalpur	08-May-00	12.42
Old Brahmaputra	SW225	Jamalpur	09-May-00	12.376
Old Brahmaputra	SW225	Jamalpur	10-May-00	12.27
Old Brahmaputra	SW225	Jamalpur	11-May-00	12.14
Old Brahmaputra	SW225	Jamalpur	12-May-00	12.028
Old Brahmaputra	SW225	Jamalpur	13-May-00	11.92
Old Brahmaputra	SW225	Jamalpur	14-May-00	11.84
Old Brahmaputra	SW225	Jamalpur	15-May-00	11.788
Old Brahmaputra	SW225	Jamalpur	16-May-00	11.744
Old Brahmaputra	SW225	Jamalpur	17-May-00	11.74
Old Brahmaputra	SW225	Jamalpur	18-May-00	11.746
Old Brahmaputra	SW225	Jamalpur	19-May-00	11.784
Old Brahmaputra	SW225	Jamalpur	20-May-00	11.842
Old Brahmaputra	SW225	Jamalpur	21-May-00	12.012
Old Brahmaputra	SW225	Jamalpur	22-May-00	12.12
Old Brahmaputra	SW225	Jamalpur	23-May-00	12.252
Old Brahmaputra	SW225	Jamalpur	24-May-00	12.394
Old Brahmaputra	SW225	Jamalpur	25-May-00	12.418
Old Brahmaputra	SW225	Jamalpur	26-May-00	12.478
Old Brahmaputra	SW225	Jamalpur	27-May-00	12.656
Old Brahmaputra	SW225	Jamalpur	28-May-00	12.806
Old Brahmaputra	SW225	Jamalpur	29-May-00	13.066

Old Brahmaputra	SW225	Jamalpur	30-May-00	13.414
Old Brahmaputra	SW225	Jamalpur	31-May-00	13.568
Old Brahmaputra	SW225	Jamalpur	01-Jun-00	13.676
Old Brahmaputra	SW225	Jamalpur	02-Jun-00	13.886
Old Brahmaputra	SW225	Jamalpur	03-Jun-00	14.13
Old Brahmaputra	SW225	Jamalpur	04-Jun-00	14.188
Old Brahmaputra	SW225	Jamalpur	05-Jun-00	14.082
Old Brahmaputra	SW225	Jamalpur	06-Jun-00	13.9
Old Brahmaputra	SW225	Jamalpur	07-Jun-00	13.696
Old Brahmaputra	SW225	Jamalpur	08-Jun-00	13.564
Old Brahmaputra	SW225	Jamalpur	09-Jun-00	13.488
Old Brahmaputra	SW225	Jamalpur	10-Jun-00	13.664
Old Brahmaputra	SW225	Jamalpur	11-Jun-00	13.68
Old Brahmaputra	SW225	Jamalpur	12-Jun-00	13.65
Old Brahmaputra	SW225	Jamalpur	13-Jun-00	13.644
Old Brahmaputra	SW225	Jamalpur	14-Jun-00	13.858
Old Brahmaputra	SW225	Jamalpur	15-Jun-00	14.29
Old Brahmaputra	SW225	Jamalpur	16-Jun-00	14.844
Old Brahmaputra	SW225	Jamalpur	17-Jun-00	15.128
Old Brahmaputra	SW225	Jamalpur	18-Jun-00	15.21
Old Brahmaputra	SW225	Jamalpur	19-Jun-00	15.178
Old Brahmaputra	SW225	Jamalpur	20-Jun-00	15.028
Old Brahmaputra	SW225	Jamalpur	21-Jun-00	14.842
Old Brahmaputra	SW225	Jamalpur	22-Jun-00	14.66
Old Brahmaputra	SW225	Jamalpur	23-Jun-00	14.716
Old Brahmaputra	SW225	Jamalpur	24-Jun-00	15.172
Old Brahmaputra	SW225	Jamalpur	25-Jun-00	15.436
Old Brahmaputra	SW225	Jamalpur	26-Jun-00	15.522
Old Brahmaputra	SW225	Jamalpur	27-Jun-00	15.624
Old Brahmaputra	SW225	Jamalpur	28-Jun-00	15.778
Old Brahmaputra	SW225	Jamalpur	29-Jun-00	15.886
Old Brahmaputra	SW225	Jamalpur	30-Jun-00	15.904
Old Brahmaputra	SW225	Jamalpur	01-Jul-00	15.85
Old Brahmaputra	SW225	Jamalpur	02-Jul-00	15.756
Old Brahmaputra	SW225	Jamalpur	03-Jul-00	15.63
Old Brahmaputra	SW225	Jamalpur	04-Jul-00	15.522
Old Brahmaputra	SW225	Jamalpur	05-Jul-00	15.414
Old Brahmaputra	SW225	Jamalpur	06-Jul-00	15.322
Old Brahmaputra	SW225	Jamalpur	07-Jul-00	15.306
Old Brahmaputra	SW225	Jamalpur	08-Jul-00	15.356
Old Brahmaputra	SW225	Jamalpur	09-Jul-00	15.362
Old Brahmaputra	SW225	Jamalpur	10-Jul-00	15.348
Old Brahmaputra	SW225	Jamalpur	11-Jul-00	15.31
Old Brahmaputra	SW225	Jamalpur	12-Jul-00	15.254
Old Brahmaputra	SW225	Jamalpur	13-Jul-00	15.186
Old Brahmaputra	SW225	Jamalpur	14-Jul-00	15.138
Old Brahmaputra	SW225	Jamalpur	15-Jul-00	15.148
Old Brahmaputra	SW225	Jamalpur	16-Jul-00	15.198
Old Brahmaputra	SW225	Jamalpur	17-Jul-00	15.254
Old Brahmaputra	SW225	Jamalpur	18-Jul-00	15.332

Old Brahmaputra	SW225	Jamalpur	19-Jul-00	15.374
Old Brahmaputra	SW225	Jamalpur	20-Jul-00	15.39
Old Brahmaputra	SW225	Jamalpur	21-Jul-00	15.388
Old Brahmaputra	SW225	Jamalpur	22-Jul-00	15.336
Old Brahmaputra	SW225	Jamalpur	23-Jul-00	15.262
Old Brahmaputra	SW225	Jamalpur	24-Jul-00	15.182
Old Brahmaputra	SW225	Jamalpur	25-Jul-00	15.068
Old Brahmaputra	SW225	Jamalpur	26-Jul-00	14.978
Old Brahmaputra	SW225	Jamalpur	27-Jul-00	14.906
Old Brahmaputra	SW225	Jamalpur	28-Jul-00	14.846
Old Brahmaputra	SW225	Jamalpur	29-Jul-00	14.834
Old Brahmaputra	SW225	Jamalpur	30-Jul-00	14.856
Old Brahmaputra	SW225	Jamalpur	31-Jul-00	14.886
Old Brahmaputra	SW225	Jamalpur	01-Aug-00	15.064
Old Brahmaputra	SW225	Jamalpur	02-Aug-00	15.118
Old Brahmaputra	SW225	Jamalpur	03-Aug-00	15.296
Old Brahmaputra	SW225	Jamalpur	04-Aug-00	15.528
Old Brahmaputra	SW225	Jamalpur	05-Aug-00	15.924
Old Brahmaputra	SW225	Jamalpur	06-Aug-00	16.266
Old Brahmaputra	SW225	Jamalpur	07-Aug-00	16.472
Old Brahmaputra	SW225	Jamalpur	08-Aug-00	16.562
Old Brahmaputra	SW225	Jamalpur	09-Aug-00	16.588
Old Brahmaputra	SW225	Jamalpur	10-Aug-00	16.572
Old Brahmaputra	SW225	Jamalpur	11-Aug-00	16.5
Old Brahmaputra	SW225	Jamalpur	12-Aug-00	16.428
Old Brahmaputra	SW225	Jamalpur	13-Aug-00	16.316
Old Brahmaputra	SW225	Jamalpur	14-Aug-00	16.196
Old Brahmaputra	SW225	Jamalpur	15-Aug-00	16.098
Old Brahmaputra	SW225	Jamalpur	16-Aug-00	16.022
Old Brahmaputra	SW225	Jamalpur	17-Aug-00	15.98
Old Brahmaputra	SW225	Jamalpur	18-Aug-00	15.968
Old Brahmaputra	SW225	Jamalpur	19-Aug-00	15.932
Old Brahmaputra	SW225	Jamalpur	20-Aug-00	15.874
Old Brahmaputra	SW225	Jamalpur	21-Aug-00	15.82
Old Brahmaputra	SW225	Jamalpur	22-Aug-00	15.786
Old Brahmaputra	SW225	Jamalpur	23-Aug-00	15.75
Old Brahmaputra	SW225	Jamalpur	24-Aug-00	15.706
Old Brahmaputra	SW225	Jamalpur	25-Aug-00	15.652
Old Brahmaputra	SW225	Jamalpur	26-Aug-00	15.572
Old Brahmaputra	SW225	Jamalpur	27-Aug-00	15.506
Old Brahmaputra	SW225	Jamalpur	28-Aug-00	15.448
Old Brahmaputra	SW225	Jamalpur	29-Aug-00	15.39
Old Brahmaputra	SW225	Jamalpur	30-Aug-00	15.348
Old Brahmaputra	SW225	Jamalpur	31-Aug-00	15.336
Old Brahmaputra	SW225	Jamalpur	01-Sep-00	15.384
Old Brahmaputra	SW225	Jamalpur	02-Sep-00	15.382
Old Brahmaputra	SW225	Jamalpur	03-Sep-00	15.362
Old Brahmaputra	SW225	Jamalpur	04-Sep-00	15.418
Old Brahmaputra	SW225	Jamalpur	05-Sep-00	15.404
Old Brahmaputra	SW225	Jamalpur	06-Sep-00	15.36

Old Brahmaputra	SW225	Jamalpur	07-Sep-00	15.32
Old Brahmaputra	SW225	Jamalpur	08-Sep-00	15.266
Old Brahmaputra	SW225	Jamalpur	09-Sep-00	15.282
Old Brahmaputra	SW225	Jamalpur	10-Sep-00	15.334
Old Brahmaputra	SW225	Jamalpur	11-Sep-00	15.394
Old Brahmaputra	SW225	Jamalpur	12-Sep-00	15.45
Old Brahmaputra	SW225	Jamalpur	13-Sep-00	15.494
Old Brahmaputra	SW225	Jamalpur	14-Sep-00	15.516
Old Brahmaputra	SW225	Jamalpur	15-Sep-00	15.552
Old Brahmaputra	SW225	Jamalpur	16-Sep-00	15.598
Old Brahmaputra	SW225	Jamalpur	17-Sep-00	15.696
Old Brahmaputra	SW225	Jamalpur	18-Sep-00	15.918
Old Brahmaputra	SW225	Jamalpur	19-Sep-00	16.03
Old Brahmaputra	SW225	Jamalpur	20-Sep-00	16.142
Old Brahmaputra	SW225	Jamalpur	21-Sep-00	16.168
Old Brahmaputra	SW225	Jamalpur	22-Sep-00	16.128
Old Brahmaputra	SW225	Jamalpur	23-Sep-00	16.06
Old Brahmaputra	SW225	Jamalpur	24-Sep-00	15.952
Old Brahmaputra	SW225	Jamalpur	25-Sep-00	15.798
Old Brahmaputra	SW225	Jamalpur	26-Sep-00	15.666
Old Brahmaputra	SW225	Jamalpur	27-Sep-00	15.506
Old Brahmaputra	SW225	Jamalpur	28-Sep-00	15.32
Old Brahmaputra	SW225	Jamalpur	29-Sep-00	15.166
Old Brahmaputra	SW225	Jamalpur	30-Sep-00	15.078
Old Brahmaputra	SW225	Jamalpur	01-Oct-00	15.008
Old Brahmaputra	SW225	Jamalpur	02-Oct-00	14.93
Old Brahmaputra	SW225	Jamalpur	03-Oct-00	14.79
Old Brahmaputra	SW225	Jamalpur	04-Oct-00	14.596
Old Brahmaputra	SW225	Jamalpur	05-Oct-00	14.396
Old Brahmaputra	SW225	Jamalpur	06-Oct-00	14.196
Old Brahmaputra	SW225	Jamalpur	07-Oct-00	14.006
Old Brahmaputra	SW225	Jamalpur	08-Oct-00	13.818
Old Brahmaputra	SW225	Jamalpur	09-Oct-00	13.67
Old Brahmaputra	SW225	Jamalpur	10-Oct-00	13.57
Old Brahmaputra	SW225	Jamalpur	11-Oct-00	13.56
Old Brahmaputra	SW225	Jamalpur	12-Oct-00	13.45
Old Brahmaputra	SW225	Jamalpur	13-Oct-00	13.35
Old Brahmaputra	SW225	Jamalpur	14-Oct-00	13.27
Old Brahmaputra	SW225	Jamalpur	15-Oct-00	13.208
Old Brahmaputra	SW225	Jamalpur	16-Oct-00	13.162
Old Brahmaputra	SW225	Jamalpur	17-Oct-00	13.106
Old Brahmaputra	SW225	Jamalpur	18-Oct-00	13.01
Old Brahmaputra	SW225	Jamalpur	19-Oct-00	12.91
Old Brahmaputra	SW225	Jamalpur	20-Oct-00	12.824
Old Brahmaputra	SW225	Jamalpur	21-Oct-00	12.748
Old Brahmaputra	SW225	Jamalpur	22-Oct-00	12.66
Old Brahmaputra	SW225	Jamalpur	23-Oct-00	12.586
Old Brahmaputra	SW225	Jamalpur	24-Oct-00	12.52
Old Brahmaputra	SW225	Jamalpur	25-Oct-00	12.458
Old Brahmaputra	SW225	Jamalpur	26-Oct-00	12.41

Old Brahmaputra	SW225	Jamalpur	27-Oct-00	12.36
Old Brahmaputra	SW225	Jamalpur	28-Oct-00	12.36
Old Brahmaputra	SW225	Jamalpur	29-Oct-00	12.348
Old Brahmaputra	SW225	Jamalpur	30-Oct-00	12.316
Old Brahmaputra	SW225	Jamalpur	31-Oct-00	12.3
Old Brahmaputra	SW225	Jamalpur	01-Nov-00	12.276
Old Brahmaputra	SW225	Jamalpur	02-Nov-00	12.238
Old Brahmaputra	SW225	Jamalpur	03-Nov-00	12.206
Old Brahmaputra	SW225	Jamalpur	04-Nov-00	12.184
Old Brahmaputra	SW225	Jamalpur	05-Nov-00	12.166
Old Brahmaputra	SW225	Jamalpur	06-Nov-00	12.146
Old Brahmaputra	SW225	Jamalpur	07-Nov-00	12.126
Old Brahmaputra	SW225	Jamalpur	08-Nov-00	12.11
Old Brahmaputra	SW225	Jamalpur	09-Nov-00	12.1
Old Brahmaputra	SW225	Jamalpur	10-Nov-00	12.086
Old Brahmaputra	SW225	Jamalpur	11-Nov-00	12.07
Old Brahmaputra	SW225	Jamalpur	12-Nov-00	12.06
Old Brahmaputra	SW225	Jamalpur	13-Nov-00	12.06
Old Brahmaputra	SW225	Jamalpur	14-Nov-00	12.054
Old Brahmaputra	SW225	Jamalpur	15-Nov-00	12.046
Old Brahmaputra	SW225	Jamalpur	16-Nov-00	12.03
Old Brahmaputra	SW225	Jamalpur	17-Nov-00	12.02
Old Brahmaputra	SW225	Jamalpur	18-Nov-00	12.006
Old Brahmaputra	SW225	Jamalpur	19-Nov-00	11.99
Old Brahmaputra	SW225	Jamalpur	20-Nov-00	11.98
Old Brahmaputra	SW225	Jamalpur	21-Nov-00	11.97
Old Brahmaputra	SW225	Jamalpur	22-Nov-00	11.96
Old Brahmaputra	SW225	Jamalpur	23-Nov-00	11.95
Old Brahmaputra	SW225	Jamalpur	24-Nov-00	11.94
Old Brahmaputra	SW225	Jamalpur	25-Nov-00	11.93
Old Brahmaputra	SW225	Jamalpur	26-Nov-00	11.92
Old Brahmaputra	SW225	Jamalpur	27-Nov-00	11.92
Old Brahmaputra	SW225	Jamalpur	28-Nov-00	11.91
Old Brahmaputra	SW225	Jamalpur	29-Nov-00	11.9
Old Brahmaputra	SW225	Jamalpur	30-Nov-00	11.89
Old Brahmaputra	SW225	Jamalpur	01-Dec-00	11.89
Old Brahmaputra	SW225	Jamalpur	02-Dec-00	11.88
Old Brahmaputra	SW225	Jamalpur	03-Dec-00	11.87
Old Brahmaputra	SW225	Jamalpur	04-Dec-00	11.86
Old Brahmaputra	SW225	Jamalpur	05-Dec-00	11.85
Old Brahmaputra	SW225	Jamalpur	06-Dec-00	11.84
Old Brahmaputra	SW225	Jamalpur	07-Dec-00	11.84
Old Brahmaputra	SW225	Jamalpur	08-Dec-00	11.83
Old Brahmaputra	SW225	Jamalpur	09-Dec-00	11.82
Old Brahmaputra	SW225	Jamalpur	10-Dec-00	11.82
Old Brahmaputra	SW225	Jamalpur	11-Dec-00	11.81
Old Brahmaputra	SW225	Jamalpur	12-Dec-00	11.8
Old Brahmaputra	SW225	Jamalpur	13-Dec-00	11.8
Old Brahmaputra	SW225	Jamalpur	14-Dec-00	11.8
Old Brahmaputra	SW225	Jamalpur	15-Dec-00	11.79

Old Brahmaputra	SW225	Jamalpur	16-Dec-00	11.78
Old Brahmaputra	SW225	Jamalpur	17-Dec-00	11.78
Old Brahmaputra	SW225	Jamalpur	18-Dec-00	11.77
Old Brahmaputra	SW225	Jamalpur	19-Dec-00	11.76
Old Brahmaputra	SW225	Jamalpur	20-Dec-00	11.76
Old Brahmaputra	SW225	Jamalpur	21-Dec-00	11.75
Old Brahmaputra	SW225	Jamalpur	22-Dec-00	11.75
Old Brahmaputra	SW225	Jamalpur	23-Dec-00	11.74
Old Brahmaputra	SW225	Jamalpur	24-Dec-00	11.74
Old Brahmaputra	SW225	Jamalpur	25-Dec-00	11.73
Old Brahmaputra	SW225	Jamalpur	26-Dec-00	11.73
Old Brahmaputra	SW225	Jamalpur	27-Dec-00	11.72
Old Brahmaputra	SW225	Jamalpur	28-Dec-00	11.72
Old Brahmaputra	SW225	Jamalpur	29-Dec-00	11.71
Old Brahmaputra	SW225	Jamalpur	30-Dec-00	11.71
Old Brahmaputra	SW225	Jamalpur	31-Dec-00	11.7
Old Brahmaputra	SW225	Jamalpur	01-Jan-01	11.7
Old Brahmaputra	SW225	Jamalpur	02-Jan-01	11.694
Old Brahmaputra	SW225	Jamalpur	03-Jan-01	11.684
Old Brahmaputra	SW225	Jamalpur	04-Jan-01	11.668
Old Brahmaputra	SW225	Jamalpur	05-Jan-01	11.66
Old Brahmaputra	SW225	Jamalpur	06-Jan-01	11.66
Old Brahmaputra	SW225	Jamalpur	07-Jan-01	11.65
Old Brahmaputra	SW225	Jamalpur	08-Jan-01	11.65
Old Brahmaputra	SW225	Jamalpur	09-Jan-01	11.65
Old Brahmaputra	SW225	Jamalpur	10-Jan-01	11.64
Old Brahmaputra	SW225	Jamalpur	11-Jan-01	11.636
Old Brahmaputra	SW225	Jamalpur	12-Jan-01	11.63
Old Brahmaputra	SW225	Jamalpur	13-Jan-01	11.622
Old Brahmaputra	SW225	Jamalpur	14-Jan-01	11.62
Old Brahmaputra	SW225	Jamalpur	15-Jan-01	11.61
Old Brahmaputra	SW225	Jamalpur	16-Jan-01	11.61
Old Brahmaputra	SW225	Jamalpur	17-Jan-01	11.61
Old Brahmaputra	SW225	Jamalpur	18-Jan-01	11.6
Old Brahmaputra	SW225	Jamalpur	19-Jan-01	11.59
Old Brahmaputra	SW225	Jamalpur	20-Jan-01	11.59
Old Brahmaputra	SW225	Jamalpur	21-Jan-01	11.58
Old Brahmaputra	SW225	Jamalpur	22-Jan-01	11.57
Old Brahmaputra	SW225	Jamalpur	23-Jan-01	11.56
Old Brahmaputra	SW225	Jamalpur	24-Jan-01	11.55
Old Brahmaputra	SW225	Jamalpur	25-Jan-01	11.54
Old Brahmaputra	SW225	Jamalpur	26-Jan-01	11.53
Old Brahmaputra	SW225	Jamalpur	27-Jan-01	11.53
Old Brahmaputra	SW225	Jamalpur	28-Jan-01	11.52
Old Brahmaputra	SW225	Jamalpur	29-Jan-01	11.506
Old Brahmaputra	SW225	Jamalpur	30-Jan-01	11.49
Old Brahmaputra	SW225	Jamalpur	31-Jan-01	11.476
Old Brahmaputra	SW225	Jamalpur	01-Feb-01	11.46
Old Brahmaputra	SW225	Jamalpur	02-Feb-01	11.45
Old Brahmaputra	SW225	Jamalpur	03-Feb-01	11.436

Old Brahmaputra	SW225	Jamalpur	04-Feb-01	11.42
Old Brahmaputra	SW225	Jamalpur	05-Feb-01	11.404
Old Brahmaputra	SW225	Jamalpur	06-Feb-01	11.39
Old Brahmaputra	SW225	Jamalpur	07-Feb-01	11.376
Old Brahmaputra	SW225	Jamalpur	08-Feb-01	11.36
Old Brahmaputra	SW225	Jamalpur	09-Feb-01	11.346
Old Brahmaputra	SW225	Jamalpur	10-Feb-01	11.33
Old Brahmaputra	SW225	Jamalpur	11-Feb-01	11.32
Old Brahmaputra	SW225	Jamalpur	12-Feb-01	11.31
Old Brahmaputra	SW225	Jamalpur	13-Feb-01	11.3
Old Brahmaputra	SW225	Jamalpur	14-Feb-01	11.29
Old Brahmaputra	SW225	Jamalpur	15-Feb-01	11.28
Old Brahmaputra	SW225	Jamalpur	16-Feb-01	11.27
Old Brahmaputra	SW225	Jamalpur	17-Feb-01	11.26
Old Brahmaputra	SW225	Jamalpur	18-Feb-01	11.26
Old Brahmaputra	SW225	Jamalpur	19-Feb-01	11.25
Old Brahmaputra	SW225	Jamalpur	20-Feb-01	11.25
Old Brahmaputra	SW225	Jamalpur	21-Feb-01	11.24
Old Brahmaputra	SW225	Jamalpur	22-Feb-01	11.226
Old Brahmaputra	SW225	Jamalpur	23-Feb-01	11.22
Old Brahmaputra	SW225	Jamalpur	24-Feb-01	11.22
Old Brahmaputra	SW225	Jamalpur	25-Feb-01	11.21
Old Brahmaputra	SW225	Jamalpur	26-Feb-01	11.21
Old Brahmaputra	SW225	Jamalpur	27-Feb-01	11.23
Old Brahmaputra	SW225	Jamalpur	28-Feb-01	11.24
Old Brahmaputra	SW225	Jamalpur	01-Mar-01	11.24
Old Brahmaputra	SW225	Jamalpur	02-Mar-01	11.23
Old Brahmaputra	SW225	Jamalpur	03-Mar-01	11.23
Old Brahmaputra	SW225	Jamalpur	04-Mar-01	11.23
Old Brahmaputra	SW225	Jamalpur	05-Mar-01	11.23
Old Brahmaputra	SW225	Jamalpur	06-Mar-01	11.23
Old Brahmaputra	SW225	Jamalpur	07-Mar-01	11.23
Old Brahmaputra	SW225	Jamalpur	08-Mar-01	11.23
Old Brahmaputra	SW225	Jamalpur	09-Mar-01	11.23
Old Brahmaputra	SW225	Jamalpur	10-Mar-01	11.22
Old Brahmaputra	SW225	Jamalpur	11-Mar-01	11.22
Old Brahmaputra	SW225	Jamalpur	12-Mar-01	11.206
Old Brahmaputra	SW225	Jamalpur	13-Mar-01	11.196
Old Brahmaputra	SW225	Jamalpur	14-Mar-01	11.19
Old Brahmaputra	SW225	Jamalpur	15-Mar-01	11.18
Old Brahmaputra	SW225	Jamalpur	16-Mar-01	11.17
Old Brahmaputra	SW225	Jamalpur	17-Mar-01	11.16
Old Brahmaputra	SW225	Jamalpur	18-Mar-01	11.15
Old Brahmaputra	SW225	Jamalpur	19-Mar-01	11.14
Old Brahmaputra	SW225	Jamalpur	20-Mar-01	11.14
Old Brahmaputra	SW225	Jamalpur	21-Mar-01	11.13
Old Brahmaputra	SW225	Jamalpur	22-Mar-01	11.12
Old Brahmaputra	SW225	Jamalpur	23-Mar-01	11.11
Old Brahmaputra	SW225	Jamalpur	24-Mar-01	11.11
Old Brahmaputra	SW225	Jamalpur	25-Mar-01	11.1

Old Brahmaputra	SW225	Jamalpur	26-Mar-01	11.09
Old Brahmaputra	SW225	Jamalpur	27-Mar-01	11.08
Old Brahmaputra	SW225	Jamalpur	28-Mar-01	11.08
Old Brahmaputra	SW225	Jamalpur	29-Mar-01	11.07
Old Brahmaputra	SW225	Jamalpur	30-Mar-01	11.06
Old Brahmaputra	SW225	Jamalpur	31-Mar-01	11.06
Old Brahmaputra	SW225	Jamalpur	01-Apr-01	11.05
Old Brahmaputra	SW225	Jamalpur	02-Apr-01	11.05
Old Brahmaputra	SW225	Jamalpur	03-Apr-01	11.04
Old Brahmaputra	SW225	Jamalpur	04-Apr-01	11.034
Old Brahmaputra	SW225	Jamalpur	05-Apr-01	11.03
Old Brahmaputra	SW225	Jamalpur	06-Apr-01	11.03
Old Brahmaputra	SW225	Jamalpur	07-Apr-01	11.03
Old Brahmaputra	SW225	Jamalpur	08-Apr-01	11.02
Old Brahmaputra	SW225	Jamalpur	09-Apr-01	11.02
Old Brahmaputra	SW225	Jamalpur	10-Apr-01	11.02
Old Brahmaputra	SW225	Jamalpur	11-Apr-01	11.01
Old Brahmaputra	SW225	Jamalpur	12-Apr-01	11
Old Brahmaputra	SW225	Jamalpur	13-Apr-01	11
Old Brahmaputra	SW225	Jamalpur	14-Apr-01	11.01
Old Brahmaputra	SW225	Jamalpur	15-Apr-01	11.02
Old Brahmaputra	SW225	Jamalpur	16-Apr-01	11.02
Old Brahmaputra	SW225	Jamalpur	17-Apr-01	11.02
Old Brahmaputra	SW225	Jamalpur	18-Apr-01	11
Old Brahmaputra	SW225	Jamalpur	19-Apr-01	11
Old Brahmaputra	SW225	Jamalpur	20-Apr-01	11
Old Brahmaputra	SW225	Jamalpur	21-Apr-01	10.984
Old Brahmaputra	SW225	Jamalpur	22-Apr-01	10.99
Old Brahmaputra	SW225	Jamalpur	23-Apr-01	10.986
Old Brahmaputra	SW225	Jamalpur	24-Apr-01	10.98
Old Brahmaputra	SW225	Jamalpur	25-Apr-01	10.994
Old Brahmaputra	SW225	Jamalpur	26-Apr-01	10.99
Old Brahmaputra	SW225	Jamalpur	27-Apr-01	10.98
Old Brahmaputra	SW225	Jamalpur	28-Apr-01	10.97
Old Brahmaputra	SW225	Jamalpur	29-Apr-01	10.97
Old Brahmaputra	SW225	Jamalpur	30-Apr-01	10.98
Old Brahmaputra	SW225	Jamalpur	01-May-01	11.106
Old Brahmaputra	SW225	Jamalpur	02-May-01	11.08
Old Brahmaputra	SW225	Jamalpur	03-May-01	11.1
Old Brahmaputra	SW225	Jamalpur	04-May-01	11.09
Old Brahmaputra	SW225	Jamalpur	05-May-01	11.08
Old Brahmaputra	SW225	Jamalpur	06-May-01	11.08
Old Brahmaputra	SW225	Jamalpur	07-May-01	11.092
Old Brahmaputra	SW225	Jamalpur	08-May-01	11.142
Old Brahmaputra	SW225	Jamalpur	09-May-01	11.19
Old Brahmaputra	SW225	Jamalpur	10-May-01	11.392
Old Brahmaputra	SW225	Jamalpur	11-May-01	11.444
Old Brahmaputra	SW225	Jamalpur	12-May-01	11.394
Old Brahmaputra	SW225	Jamalpur	13-May-01	11.38
Old Brahmaputra	SW225	Jamalpur	14-May-01	11.408

Old Brahmaputra	SW225	Jamalpur	15-May-01	11.434
Old Brahmaputra	SW225	Jamalpur	16-May-01	11.49
Old Brahmaputra	SW225	Jamalpur	17-May-01	11.538
Old Brahmaputra	SW225	Jamalpur	18-May-01	11.492
Old Brahmaputra	SW225	Jamalpur	19-May-01	11.474
Old Brahmaputra	SW225	Jamalpur	20-May-01	11.474
Old Brahmaputra	SW225	Jamalpur	21-May-01	11.57
Old Brahmaputra	SW225	Jamalpur	22-May-01	11.688
Old Brahmaputra	SW225	Jamalpur	23-May-01	11.706
Old Brahmaputra	SW225	Jamalpur	24-May-01	11.674
Old Brahmaputra	SW225	Jamalpur	25-May-01	11.692
Old Brahmaputra	SW225	Jamalpur	26-May-01	11.79
Old Brahmaputra	SW225	Jamalpur	27-May-01	12
Old Brahmaputra	SW225	Jamalpur	28-May-01	12.26
Old Brahmaputra	SW225	Jamalpur	29-May-01	12.666
Old Brahmaputra	SW225	Jamalpur	30-May-01	12.704
Old Brahmaputra	SW225	Jamalpur	31-May-01	12.612
Old Brahmaputra	SW225	Jamalpur	01-Jun-01	12.606
Old Brahmaputra	SW225	Jamalpur	02-Jun-01	12.67
Old Brahmaputra	SW225	Jamalpur	03-Jun-01	12.778
Old Brahmaputra	SW225	Jamalpur	04-Jun-01	12.89
Old Brahmaputra	SW225	Jamalpur	05-Jun-01	13.038
Old Brahmaputra	SW225	Jamalpur	06-Jun-01	13.112
Old Brahmaputra	SW225	Jamalpur	07-Jun-01	13.208
Old Brahmaputra	SW225	Jamalpur	08-Jun-01	13.454
Old Brahmaputra	SW225	Jamalpur	09-Jun-01	13.724
Old Brahmaputra	SW225	Jamalpur	10-Jun-01	13.79
Old Brahmaputra	SW225	Jamalpur	11-Jun-01	13.728
Old Brahmaputra	SW225	Jamalpur	12-Jun-01	13.756
Old Brahmaputra	SW225	Jamalpur	13-Jun-01	13.906
Old Brahmaputra	SW225	Jamalpur	14-Jun-01	13.97
Old Brahmaputra	SW225	Jamalpur	15-Jun-01	13.932
Old Brahmaputra	SW225	Jamalpur	16-Jun-01	13.79
Old Brahmaputra	SW225	Jamalpur	17-Jun-01	13.61
Old Brahmaputra	SW225	Jamalpur	18-Jun-01	13.484
Old Brahmaputra	SW225	Jamalpur	19-Jun-01	13.43
Old Brahmaputra	SW225	Jamalpur	20-Jun-01	13.492
Old Brahmaputra	SW225	Jamalpur	21-Jun-01	13.862
Old Brahmaputra	SW225	Jamalpur	22-Jun-01	14.06
Old Brahmaputra	SW225	Jamalpur	23-Jun-01	14.096
Old Brahmaputra	SW225	Jamalpur	24-Jun-01	14.052
Old Brahmaputra	SW225	Jamalpur	25-Jun-01	14.086
Old Brahmaputra	SW225	Jamalpur	26-Jun-01	14.202
Old Brahmaputra	SW225	Jamalpur	27-Jun-01	14.34
Old Brahmaputra	SW225	Jamalpur	28-Jun-01	14.378
Old Brahmaputra	SW225	Jamalpur	29-Jun-01	14.32
Old Brahmaputra	SW225	Jamalpur	30-Jun-01	14.238
Old Brahmaputra	SW225	Jamalpur	01-Jul-01	14.218
Old Brahmaputra	SW225	Jamalpur	02-Jul-01	14.238
Old Brahmaputra	SW225	Jamalpur	03-Jul-01	14.27

Old Brahmaputra	SW225	Jamalpur	04-Jul-01	14.328
Old Brahmaputra	SW225	Jamalpur	05-Jul-01	14.35
Old Brahmaputra	SW225	Jamalpur	06-Jul-01	14.296
Old Brahmaputra	SW225	Jamalpur	07-Jul-01	14.15
Old Brahmaputra	SW225	Jamalpur	08-Jul-01	13.99
Old Brahmaputra	SW225	Jamalpur	09-Jul-01	13.836
Old Brahmaputra	SW225	Jamalpur	10-Jul-01	13.648
Old Brahmaputra	SW225	Jamalpur	11-Jul-01	13.53
Old Brahmaputra	SW225	Jamalpur	12-Jul-01	13.466
Old Brahmaputra	SW225	Jamalpur	13-Jul-01	13.442
Old Brahmaputra	SW225	Jamalpur	14-Jul-01	13.416
Old Brahmaputra	SW225	Jamalpur	15-Jul-01	13.436
Old Brahmaputra	SW225	Jamalpur	16-Jul-01	13.458
Old Brahmaputra	SW225	Jamalpur	17-Jul-01	13.55
Old Brahmaputra	SW225	Jamalpur	18-Jul-01	13.71
Old Brahmaputra	SW225	Jamalpur	19-Jul-01	13.91
Old Brahmaputra	SW225	Jamalpur	20-Jul-01	14.096
Old Brahmaputra	SW225	Jamalpur	21-Jul-01	14.258
Old Brahmaputra	SW225	Jamalpur	22-Jul-01	14.29
Old Brahmaputra	SW225	Jamalpur	23-Jul-01	14.286
Old Brahmaputra	SW225	Jamalpur	24-Jul-01	14.26
Old Brahmaputra	SW225	Jamalpur	25-Jul-01	14.21
Old Brahmaputra	SW225	Jamalpur	26-Jul-01	14.138
Old Brahmaputra	SW225	Jamalpur	27-Jul-01	14.172
Old Brahmaputra	SW225	Jamalpur	28-Jul-01	14.25
Old Brahmaputra	SW225	Jamalpur	29-Jul-01	14.43
Old Brahmaputra	SW225	Jamalpur	30-Jul-01	14.682
Old Brahmaputra	SW225	Jamalpur	31-Jul-01	15.016
Old Brahmaputra	SW225	Jamalpur	01-Aug-01	15.24
Old Brahmaputra	SW225	Jamalpur	02-Aug-01	15.44
Old Brahmaputra	SW225	Jamalpur	03-Aug-01	15.59
Old Brahmaputra	SW225	Jamalpur	04-Aug-01	15.832
Old Brahmaputra	SW225	Jamalpur	05-Aug-01	15.958
Old Brahmaputra	SW225	Jamalpur	06-Aug-01	16
Old Brahmaputra	SW225	Jamalpur	07-Aug-01	15.978
Old Brahmaputra	SW225	Jamalpur	08-Aug-01	15.87
Old Brahmaputra	SW225	Jamalpur	09-Aug-01	15.696
Old Brahmaputra	SW225	Jamalpur	10-Aug-01	15.442
Old Brahmaputra	SW225	Jamalpur	11-Aug-01	15.13
Old Brahmaputra	SW225	Jamalpur	12-Aug-01	14.816
Old Brahmaputra	SW225	Jamalpur	13-Aug-01	14.548
Old Brahmaputra	SW225	Jamalpur	14-Aug-01	14.342
Old Brahmaputra	SW225	Jamalpur	15-Aug-01	14.22
Old Brahmaputra	SW225	Jamalpur	16-Aug-01	14.15
Old Brahmaputra	SW225	Jamalpur	17-Aug-01	14.102
Old Brahmaputra	SW225	Jamalpur	18-Aug-01	14.072
Old Brahmaputra	SW225	Jamalpur	19-Aug-01	14.05
Old Brahmaputra	SW225	Jamalpur	20-Aug-01	14.1
Old Brahmaputra	SW225	Jamalpur	21-Aug-01	14.172
Old Brahmaputra	SW225	Jamalpur	22-Aug-01	14.19

Old Brahmaputra	SW225	Jamalpur	23-Aug-01	14.222
Old Brahmaputra	SW225	Jamalpur	24-Aug-01	14.396
Old Brahmaputra	SW225	Jamalpur	25-Aug-01	14.842
Old Brahmaputra	SW225	Jamalpur	26-Aug-01	15.238
Old Brahmaputra	SW225	Jamalpur	27-Aug-01	15.332
Old Brahmaputra	SW225	Jamalpur	28-Aug-01	15.42
Old Brahmaputra	SW225	Jamalpur	29-Aug-01	15.58
Old Brahmaputra	SW225	Jamalpur	30-Aug-01	15.758
Old Brahmaputra	SW225	Jamalpur	31-Aug-01	15.872
Old Brahmaputra	SW225	Jamalpur	01-Sep-01	15.962
Old Brahmaputra	SW225	Jamalpur	02-Sep-01	15.95
Old Brahmaputra	SW225	Jamalpur	03-Sep-01	15.868
Old Brahmaputra	SW225	Jamalpur	04-Sep-01	15.782
Old Brahmaputra	SW225	Jamalpur	05-Sep-01	15.74
Old Brahmaputra	SW225	Jamalpur	06-Sep-01	15.672
Old Brahmaputra	SW225	Jamalpur	07-Sep-01	15.642
Old Brahmaputra	SW225	Jamalpur	08-Sep-01	15.612
Old Brahmaputra	SW225	Jamalpur	09-Sep-01	15.6
Old Brahmaputra	SW225	Jamalpur	10-Sep-01	15.6
Old Brahmaputra	SW225	Jamalpur	11-Sep-01	15.604
Old Brahmaputra	SW225	Jamalpur	12-Sep-01	15.596
Old Brahmaputra	SW225	Jamalpur	13-Sep-01	15.552
Old Brahmaputra	SW225	Jamalpur	14-Sep-01	15.502
Old Brahmaputra	SW225	Jamalpur	15-Sep-01	15.46
Old Brahmaputra	SW225	Jamalpur	16-Sep-01	15.464
Old Brahmaputra	SW225	Jamalpur	17-Sep-01	15.482
Old Brahmaputra	SW225	Jamalpur	18-Sep-01	15.488
Old Brahmaputra	SW225	Jamalpur	19-Sep-01	15.41
Old Brahmaputra	SW225	Jamalpur	20-Sep-01	15.352
Old Brahmaputra	SW225	Jamalpur	21-Sep-01	15.28
Old Brahmaputra	SW225	Jamalpur	22-Sep-01	15.19
Old Brahmaputra	SW225	Jamalpur	23-Sep-01	15.084
Old Brahmaputra	SW225	Jamalpur	24-Sep-01	14.968
Old Brahmaputra	SW225	Jamalpur	25-Sep-01	14.822
Old Brahmaputra	SW225	Jamalpur	26-Sep-01	14.68
Old Brahmaputra	SW225	Jamalpur	27-Sep-01	14.554
Old Brahmaputra	SW225	Jamalpur	28-Sep-01	14.422
Old Brahmaputra	SW225	Jamalpur	29-Sep-01	14.282
Old Brahmaputra	SW225	Jamalpur	30-Sep-01	14.17
Old Brahmaputra	SW225	Jamalpur	01-Oct-01	14.09
Old Brahmaputra	SW225	Jamalpur	02-Oct-01	14.03
Old Brahmaputra	SW225	Jamalpur	03-Oct-01	13.964
Old Brahmaputra	SW225	Jamalpur	04-Oct-01	14.184
Old Brahmaputra	SW225	Jamalpur	05-Oct-01	14.504
Old Brahmaputra	SW225	Jamalpur	06-Oct-01	14.56
Old Brahmaputra	SW225	Jamalpur	07-Oct-01	15.024
Old Brahmaputra	SW225	Jamalpur	08-Oct-01	15.292
Old Brahmaputra	SW225	Jamalpur	09-Oct-01	15.318
Old Brahmaputra	SW225	Jamalpur	10-Oct-01	15.2
Old Brahmaputra	SW225	Jamalpur	11-Oct-01	15.05

Old Brahmaputra	SW225	Jamalpur	12-Oct-01	15.042
Old Brahmaputra	SW225	Jamalpur	13-Oct-01	15.092
Old Brahmaputra	SW225	Jamalpur	14-Oct-01	15.088
Old Brahmaputra	SW225	Jamalpur	15-Oct-01	14.948
Old Brahmaputra	SW225	Jamalpur	16-Oct-01	14.68
Old Brahmaputra	SW225	Jamalpur	17-Oct-01	14.372
Old Brahmaputra	SW225	Jamalpur	18-Oct-01	14.13
Old Brahmaputra	SW225	Jamalpur	19-Oct-01	13.994
Old Brahmaputra	SW225	Jamalpur	20-Oct-01	13.866
Old Brahmaputra	SW225	Jamalpur	21-Oct-01	13.744
Old Brahmaputra	SW225	Jamalpur	22-Oct-01	13.638
Old Brahmaputra	SW225	Jamalpur	23-Oct-01	13.512
Old Brahmaputra	SW225	Jamalpur	24-Oct-01	13.358
Old Brahmaputra	SW225	Jamalpur	25-Oct-01	13.21
Old Brahmaputra	SW225	Jamalpur	26-Oct-01	13.012
Old Brahmaputra	SW225	Jamalpur	27-Oct-01	12.88
Old Brahmaputra	SW225	Jamalpur	28-Oct-01	12.8
Old Brahmaputra	SW225	Jamalpur	29-Oct-01	12.72
Old Brahmaputra	SW225	Jamalpur	30-Oct-01	12.64
Old Brahmaputra	SW225	Jamalpur	31-Oct-01	12.6
Old Brahmaputra	SW225	Jamalpur	01-Nov-01	12.626
Old Brahmaputra	SW225	Jamalpur	02-Nov-01	12.588
Old Brahmaputra	SW225	Jamalpur	03-Nov-01	12.538
Old Brahmaputra	SW225	Jamalpur	04-Nov-01	12.498
Old Brahmaputra	SW225	Jamalpur	05-Nov-01	12.446
Old Brahmaputra	SW225	Jamalpur	06-Nov-01	12.43
Old Brahmaputra	SW225	Jamalpur	07-Nov-01	12.402
Old Brahmaputra	SW225	Jamalpur	08-Nov-01	12.366
Old Brahmaputra	SW225	Jamalpur	09-Nov-01	12.346
Old Brahmaputra	SW225	Jamalpur	10-Nov-01	12.326
Old Brahmaputra	SW225	Jamalpur	11-Nov-01	12.296
Old Brahmaputra	SW225	Jamalpur	12-Nov-01	12.28
Old Brahmaputra	SW225	Jamalpur	13-Nov-01	12.256
Old Brahmaputra	SW225	Jamalpur	14-Nov-01	12.24
Old Brahmaputra	SW225	Jamalpur	15-Nov-01	12.226
Old Brahmaputra	SW225	Jamalpur	16-Nov-01	12.206
Old Brahmaputra	SW225	Jamalpur	17-Nov-01	12.194
Old Brahmaputra	SW225	Jamalpur	18-Nov-01	12.18
Old Brahmaputra	SW225	Jamalpur	19-Nov-01	12.166
Old Brahmaputra	SW225	Jamalpur	20-Nov-01	12.144
Old Brahmaputra	SW225	Jamalpur	21-Nov-01	12.134
Old Brahmaputra	SW225	Jamalpur	22-Nov-01	12.124
Old Brahmaputra	SW225	Jamalpur	23-Nov-01	12.116
Old Brahmaputra	SW225	Jamalpur	24-Nov-01	12.096
Old Brahmaputra	SW225	Jamalpur	25-Nov-01	12.086
Old Brahmaputra	SW225	Jamalpur	26-Nov-01	12.076
Old Brahmaputra	SW225	Jamalpur	27-Nov-01	12.066
Old Brahmaputra	SW225	Jamalpur	28-Nov-01	12.056
Old Brahmaputra	SW225	Jamalpur	29-Nov-01	12.046
Old Brahmaputra	SW225	Jamalpur	30-Nov-01	12.036

Old Brahmaputra	SW225	Jamalpur	01-Dec-01	12.026
Old Brahmaputra	SW225	Jamalpur	02-Dec-01	12.01
Old Brahmaputra	SW225	Jamalpur	03-Dec-01	12
Old Brahmaputra	SW225	Jamalpur	04-Dec-01	11.99
Old Brahmaputra	SW225	Jamalpur	05-Dec-01	11.98
Old Brahmaputra	SW225	Jamalpur	06-Dec-01	11.97
Old Brahmaputra	SW225	Jamalpur	07-Dec-01	11.966
Old Brahmaputra	SW225	Jamalpur	08-Dec-01	11.956
Old Brahmaputra	SW225	Jamalpur	09-Dec-01	11.946
Old Brahmaputra	SW225	Jamalpur	10-Dec-01	11.936
Old Brahmaputra	SW225	Jamalpur	11-Dec-01	11.926
Old Brahmaputra	SW225	Jamalpur	12-Dec-01	11.92
Old Brahmaputra	SW225	Jamalpur	13-Dec-01	11.91
Old Brahmaputra	SW225	Jamalpur	14-Dec-01	11.9
Old Brahmaputra	SW225	Jamalpur	15-Dec-01	11.9
Old Brahmaputra	SW225	Jamalpur	16-Dec-01	11.89
Old Brahmaputra	SW225	Jamalpur	17-Dec-01	11.89
Old Brahmaputra	SW225	Jamalpur	18-Dec-01	11.88
Old Brahmaputra	SW225	Jamalpur	19-Dec-01	11.87
Old Brahmaputra	SW225	Jamalpur	20-Dec-01	11.86
Old Brahmaputra	SW225	Jamalpur	21-Dec-01	11.86
Old Brahmaputra	SW225	Jamalpur	22-Dec-01	11.85
Old Brahmaputra	SW225	Jamalpur	23-Dec-01	11.85
Old Brahmaputra	SW225	Jamalpur	24-Dec-01	11.84
Old Brahmaputra	SW225	Jamalpur	25-Dec-01	11.84
Old Brahmaputra	SW225	Jamalpur	26-Dec-01	11.83
Old Brahmaputra	SW225	Jamalpur	27-Dec-01	11.82
Old Brahmaputra	SW225	Jamalpur	28-Dec-01	11.81
Old Brahmaputra	SW225	Jamalpur	29-Dec-01	11.81
Old Brahmaputra	SW225	Jamalpur	30-Dec-01	11.8
Old Brahmaputra	SW225	Jamalpur	31-Dec-01	11.79
Old Brahmaputra	SW225	Jamalpur	01-Jan-02	11.78
Old Brahmaputra	SW225	Jamalpur	02-Jan-02	11.78
Old Brahmaputra	SW225	Jamalpur	03-Jan-02	11.77
Old Brahmaputra	SW225	Jamalpur	04-Jan-02	11.768
Old Brahmaputra	SW225	Jamalpur	05-Jan-02	11.76
Old Brahmaputra	SW225	Jamalpur	06-Jan-02	11.75
Old Brahmaputra	SW225	Jamalpur	07-Jan-02	11.746
Old Brahmaputra	SW225	Jamalpur	08-Jan-02	11.736
Old Brahmaputra	SW225	Jamalpur	09-Jan-02	11.73
Old Brahmaputra	SW225	Jamalpur	10-Jan-02	11.728
Old Brahmaputra	SW225	Jamalpur	11-Jan-02	11.72
Old Brahmaputra	SW225	Jamalpur	12-Jan-02	11.71
Old Brahmaputra	SW225	Jamalpur	13-Jan-02	11.7
Old Brahmaputra	SW225	Jamalpur	14-Jan-02	11.7
Old Brahmaputra	SW225	Jamalpur	15-Jan-02	11.69
Old Brahmaputra	SW225	Jamalpur	16-Jan-02	11.69
Old Brahmaputra	SW225	Jamalpur	17-Jan-02	11.69
Old Brahmaputra	SW225	Jamalpur	18-Jan-02	11.69
Old Brahmaputra	SW225	Jamalpur	19-Jan-02	11.7

Old Brahmaputra	SW225	Jamalpur	20-Jan-02	11.7
Old Brahmaputra	SW225	Jamalpur	21-Jan-02	11.7
Old Brahmaputra	SW225	Jamalpur	22-Jan-02	11.7
Old Brahmaputra	SW225	Jamalpur	23-Jan-02	11.698
Old Brahmaputra	SW225	Jamalpur	24-Jan-02	11.688
Old Brahmaputra	SW225	Jamalpur	25-Jan-02	11.67
Old Brahmaputra	SW225	Jamalpur	26-Jan-02	11.66
Old Brahmaputra	SW225	Jamalpur	27-Jan-02	11.646
Old Brahmaputra	SW225	Jamalpur	28-Jan-02	11.636
Old Brahmaputra	SW225	Jamalpur	29-Jan-02	11.626
Old Brahmaputra	SW225	Jamalpur	30-Jan-02	11.616
Old Brahmaputra	SW225	Jamalpur	31-Jan-02	11.606
Old Brahmaputra	SW225	Jamalpur	01-Feb-02	11.6
Old Brahmaputra	SW225	Jamalpur	02-Feb-02	11.586
Old Brahmaputra	SW225	Jamalpur	03-Feb-02	11.57
Old Brahmaputra	SW225	Jamalpur	04-Feb-02	11.55
Old Brahmaputra	SW225	Jamalpur	05-Feb-02	11.54
Old Brahmaputra	SW225	Jamalpur	06-Feb-02	11.53
Old Brahmaputra	SW225	Jamalpur	07-Feb-02	11.518
Old Brahmaputra	SW225	Jamalpur	08-Feb-02	11.504
Old Brahmaputra	SW225	Jamalpur	09-Feb-02	11.486
Old Brahmaputra	SW225	Jamalpur	10-Feb-02	11.466
Old Brahmaputra	SW225	Jamalpur	11-Feb-02	11.45
Old Brahmaputra	SW225	Jamalpur	12-Feb-02	11.44
Old Brahmaputra	SW225	Jamalpur	13-Feb-02	11.426
Old Brahmaputra	SW225	Jamalpur	14-Feb-02	11.418
Old Brahmaputra	SW225	Jamalpur	15-Feb-02	11.4
Old Brahmaputra	SW225	Jamalpur	16-Feb-02	11.388
Old Brahmaputra	SW225	Jamalpur	17-Feb-02	11.38
Old Brahmaputra	SW225	Jamalpur	18-Feb-02	11.366
Old Brahmaputra	SW225	Jamalpur	19-Feb-02	11.358
Old Brahmaputra	SW225	Jamalpur	20-Feb-02	11.348
Old Brahmaputra	SW225	Jamalpur	21-Feb-02	11.34
Old Brahmaputra	SW225	Jamalpur	22-Feb-02	11.33
Old Brahmaputra	SW225	Jamalpur	23-Feb-02	11.33
Old Brahmaputra	SW225	Jamalpur	24-Feb-02	11.32
Old Brahmaputra	SW225	Jamalpur	25-Feb-02	11.32
Old Brahmaputra	SW225	Jamalpur	26-Feb-02	11.31
Old Brahmaputra	SW225	Jamalpur	27-Feb-02	11.31
Old Brahmaputra	SW225	Jamalpur	28-Feb-02	11.3
Old Brahmaputra	SW225	Jamalpur	01-Mar-02	11.3
Old Brahmaputra	SW225	Jamalpur	02-Mar-02	11.29
Old Brahmaputra	SW225	Jamalpur	03-Mar-02	11.29
Old Brahmaputra	SW225	Jamalpur	04-Mar-02	11.28
Old Brahmaputra	SW225	Jamalpur	05-Mar-02	11.28
Old Brahmaputra	SW225	Jamalpur	06-Mar-02	11.28
Old Brahmaputra	SW225	Jamalpur	07-Mar-02	11.27
Old Brahmaputra	SW225	Jamalpur	08-Mar-02	11.27
Old Brahmaputra	SW225	Jamalpur	09-Mar-02	11.27
Old Brahmaputra	SW225	Jamalpur	10-Mar-02	11.27

Old Brahmaputra	SW225	Jamalpur	11-Mar-02	11.26
Old Brahmaputra	SW225	Jamalpur	12-Mar-02	11.26
Old Brahmaputra	SW225	Jamalpur	13-Mar-02	11.26
Old Brahmaputra	SW225	Jamalpur	14-Mar-02	11.26
Old Brahmaputra	SW225	Jamalpur	15-Mar-02	11.25
Old Brahmaputra	SW225	Jamalpur	16-Mar-02	11.25
Old Brahmaputra	SW225	Jamalpur	17-Mar-02	11.24
Old Brahmaputra	SW225	Jamalpur	18-Mar-02	11.24
Old Brahmaputra	SW225	Jamalpur	19-Mar-02	11.23
Old Brahmaputra	SW225	Jamalpur	20-Mar-02	11.23
Old Brahmaputra	SW225	Jamalpur	21-Mar-02	11.224
Old Brahmaputra	SW225	Jamalpur	22-Mar-02	11.22
Old Brahmaputra	SW225	Jamalpur	23-Mar-02	11.21
Old Brahmaputra	SW225	Jamalpur	24-Mar-02	11.21
Old Brahmaputra	SW225	Jamalpur	25-Mar-02	11.23
Old Brahmaputra	SW225	Jamalpur	26-Mar-02	11.24
Old Brahmaputra	SW225	Jamalpur	27-Mar-02	11.24
Old Brahmaputra	SW225	Jamalpur	28-Mar-02	11.25
Old Brahmaputra	SW225	Jamalpur	29-Mar-02	11.262
Old Brahmaputra	SW225	Jamalpur	30-Mar-02	11.3
Old Brahmaputra	SW225	Jamalpur	31-Mar-02	11.31
Old Brahmaputra	SW225	Jamalpur	01-Apr-02	11.32
Old Brahmaputra	SW225	Jamalpur	02-Apr-02	11.332
Old Brahmaputra	SW225	Jamalpur	03-Apr-02	11.368
Old Brahmaputra	SW225	Jamalpur	04-Apr-02	11.418
Old Brahmaputra	SW225	Jamalpur	05-Apr-02	11.482
Old Brahmaputra	SW225	Jamalpur	06-Apr-02	11.554
Old Brahmaputra	SW225	Jamalpur	07-Apr-02	11.652
Old Brahmaputra	SW225	Jamalpur	08-Apr-02	11.682
Old Brahmaputra	SW225	Jamalpur	09-Apr-02	11.682
Old Brahmaputra	SW225	Jamalpur	10-Apr-02	11.634
Old Brahmaputra	SW225	Jamalpur	11-Apr-02	11.61
Old Brahmaputra	SW225	Jamalpur	12-Apr-02	11.612
Old Brahmaputra	SW225	Jamalpur	13-Apr-02	11.658
Old Brahmaputra	SW225	Jamalpur	14-Apr-02	11.68
Old Brahmaputra	SW225	Jamalpur	15-Apr-02	11.7
Old Brahmaputra	SW225	Jamalpur	16-Apr-02	11.72
Old Brahmaputra	SW225	Jamalpur	17-Apr-02	11.758
Old Brahmaputra	SW225	Jamalpur	18-Apr-02	11.974
Old Brahmaputra	SW225	Jamalpur	19-Apr-02	12.066
Old Brahmaputra	SW225	Jamalpur	20-Apr-02	12.098
Old Brahmaputra	SW225	Jamalpur	21-Apr-02	12.148
Old Brahmaputra	SW225	Jamalpur	22-Apr-02	12.192
Old Brahmaputra	SW225	Jamalpur	23-Apr-02	12.2
Old Brahmaputra	SW225	Jamalpur	24-Apr-02	12.206
Old Brahmaputra	SW225	Jamalpur	25-Apr-02	12.278
Old Brahmaputra	SW225	Jamalpur	26-Apr-02	12.328
Old Brahmaputra	SW225	Jamalpur	27-Apr-02	12.562
Old Brahmaputra	SW225	Jamalpur	28-Apr-02	12.7
Old Brahmaputra	SW225	Jamalpur	29-Apr-02	12.688

Old Brahmaputra	SW225	Jamalpur	30-Apr-02	12.92
Old Brahmaputra	SW225	Jamalpur	01-May-02	13.034
Old Brahmaputra	SW225	Jamalpur	02-May-02	12.948
Old Brahmaputra	SW225	Jamalpur	03-May-02	13.028
Old Brahmaputra	SW225	Jamalpur	04-May-02	13.094
Old Brahmaputra	SW225	Jamalpur	05-May-02	13.01
Old Brahmaputra	SW225	Jamalpur	06-May-02	13.036
Old Brahmaputra	SW225	Jamalpur	07-May-02	12.938
Old Brahmaputra	SW225	Jamalpur	08-May-02	12.834
Old Brahmaputra	SW225	Jamalpur	09-May-02	12.748
Old Brahmaputra	SW225	Jamalpur	10-May-02	12.63
Old Brahmaputra	SW225	Jamalpur	11-May-02	12.524
Old Brahmaputra	SW225	Jamalpur	12-May-02	12.452
Old Brahmaputra	SW225	Jamalpur	13-May-02	12.362
Old Brahmaputra	SW225	Jamalpur	14-May-02	12.274
Old Brahmaputra	SW225	Jamalpur	15-May-02	12.21
Old Brahmaputra	SW225	Jamalpur	16-May-02	12.206
Old Brahmaputra	SW225	Jamalpur	17-May-02	12.188
Old Brahmaputra	SW225	Jamalpur	18-May-02	12.168
Old Brahmaputra	SW225	Jamalpur	19-May-02	12.146
Old Brahmaputra	SW225	Jamalpur	20-May-02	12.12
Old Brahmaputra	SW225	Jamalpur	21-May-02	12.13
Old Brahmaputra	SW225	Jamalpur	22-May-02	12.13
Old Brahmaputra	SW225	Jamalpur	23-May-02	12.138
Old Brahmaputra	SW225	Jamalpur	24-May-02	12.1
Old Brahmaputra	SW225	Jamalpur	25-May-02	12.08
Old Brahmaputra	SW225	Jamalpur	26-May-02	12.08
Old Brahmaputra	SW225	Jamalpur	27-May-02	12.08
Old Brahmaputra	SW225	Jamalpur	28-May-02	12.836
Old Brahmaputra	SW225	Jamalpur	29-May-02	12.956
Old Brahmaputra	SW225	Jamalpur	30-May-02	12.864
Old Brahmaputra	SW225	Jamalpur	31-May-02	12.796
Old Brahmaputra	SW225	Jamalpur	01-Jun-02	12.618
Old Brahmaputra	SW225	Jamalpur	02-Jun-02	12.388
Old Brahmaputra	SW225	Jamalpur	03-Jun-02	12.3
Old Brahmaputra	SW225	Jamalpur	04-Jun-02	12.358
Old Brahmaputra	SW225	Jamalpur	05-Jun-02	12.426
Old Brahmaputra	SW225	Jamalpur	06-Jun-02	12.562
Old Brahmaputra	SW225	Jamalpur	07-Jun-02	12.76
Old Brahmaputra	SW225	Jamalpur	08-Jun-02	13.152
Old Brahmaputra	SW225	Jamalpur	09-Jun-02	13.23
Old Brahmaputra	SW225	Jamalpur	10-Jun-02	13.218
Old Brahmaputra	SW225	Jamalpur	11-Jun-02	13.182
Old Brahmaputra	SW225	Jamalpur	12-Jun-02	13.136
Old Brahmaputra	SW225	Jamalpur	13-Jun-02	13.164
Old Brahmaputra	SW225	Jamalpur	14-Jun-02	13.614
Old Brahmaputra	SW225	Jamalpur	15-Jun-02	13.85
Old Brahmaputra	SW225	Jamalpur	16-Jun-02	14.116
Old Brahmaputra	SW225	Jamalpur	17-Jun-02	14.32
Old Brahmaputra	SW225	Jamalpur	18-Jun-02	14.534

Old Brahmaputra	SW225	Jamalpur	19-Jun-02	14.778
Old Brahmaputra	SW225	Jamalpur	20-Jun-02	15.05
Old Brahmaputra	SW225	Jamalpur	21-Jun-02	15.242
Old Brahmaputra	SW225	Jamalpur	22-Jun-02	15.292
Old Brahmaputra	SW225	Jamalpur	23-Jun-02	15.322
Old Brahmaputra	SW225	Jamalpur	24-Jun-02	15.332
Old Brahmaputra	SW225	Jamalpur	25-Jun-02	15.164
Old Brahmaputra	SW225	Jamalpur	26-Jun-02	15.084
Old Brahmaputra	SW225	Jamalpur	27-Jun-02	15.012
Old Brahmaputra	SW225	Jamalpur	28-Jun-02	14.994
Old Brahmaputra	SW225	Jamalpur	29-Jun-02	15.058
Old Brahmaputra	SW225	Jamalpur	30-Jun-02	15.028
Old Brahmaputra	SW225	Jamalpur	01-Jul-02	14.932
Old Brahmaputra	SW225	Jamalpur	02-Jul-02	14.974
Old Brahmaputra	SW225	Jamalpur	03-Jul-02	15.248
Old Brahmaputra	SW225	Jamalpur	04-Jul-02	15.468
Old Brahmaputra	SW225	Jamalpur	05-Jul-02	15.578
Old Brahmaputra	SW225	Jamalpur	06-Jul-02	15.66
Old Brahmaputra	SW225	Jamalpur	07-Jul-02	15.774
Old Brahmaputra	SW225	Jamalpur	08-Jul-02	15.898
Old Brahmaputra	SW225	Jamalpur	09-Jul-02	15.97
Old Brahmaputra	SW225	Jamalpur	10-Jul-02	15.98
Old Brahmaputra	SW225	Jamalpur	11-Jul-02	15.974
Old Brahmaputra	SW225	Jamalpur	12-Jul-02	16.01
Old Brahmaputra	SW225	Jamalpur	13-Jul-02	16.052
Old Brahmaputra	SW225	Jamalpur	14-Jul-02	16.202
Old Brahmaputra	SW225	Jamalpur	15-Jul-02	16.318
Old Brahmaputra	SW225	Jamalpur	16-Jul-02	16.278
Old Brahmaputra	SW225	Jamalpur	17-Jul-02	16.216
Old Brahmaputra	SW225	Jamalpur	18-Jul-02	16.138
Old Brahmaputra	SW225	Jamalpur	19-Jul-02	15.966
Old Brahmaputra	SW225	Jamalpur	20-Jul-02	15.876
Old Brahmaputra	SW225	Jamalpur	21-Jul-02	15.796
Old Brahmaputra	SW225	Jamalpur	22-Jul-02	16.026
Old Brahmaputra	SW225	Jamalpur	23-Jul-02	16.14
Old Brahmaputra	SW225	Jamalpur	24-Jul-02	16.334
Old Brahmaputra	SW225	Jamalpur	25-Jul-02	16.478
Old Brahmaputra	SW225	Jamalpur	26-Jul-02	16.64
Old Brahmaputra	SW225	Jamalpur	27-Jul-02	16.978
Old Brahmaputra	SW225	Jamalpur	28-Jul-02	17.198
Old Brahmaputra	SW225	Jamalpur	29-Jul-02	17.328
Old Brahmaputra	SW225	Jamalpur	30-Jul-02	17.396
Old Brahmaputra	SW225	Jamalpur	31-Jul-02	17.362
Old Brahmaputra	SW225	Jamalpur	01-Aug-02	17.276
Old Brahmaputra	SW225	Jamalpur	02-Aug-02	17.128
Old Brahmaputra	SW225	Jamalpur	03-Aug-02	16.986
Old Brahmaputra	SW225	Jamalpur	04-Aug-02	16.884
Old Brahmaputra	SW225	Jamalpur	05-Aug-02	16.728
Old Brahmaputra	SW225	Jamalpur	06-Aug-02	16.622
Old Brahmaputra	SW225	Jamalpur	07-Aug-02	16.418

Old Brahmaputra	SW225	Jamalpur	08-Aug-02	16.244
Old Brahmaputra	SW225	Jamalpur	09-Aug-02	16.076
Old Brahmaputra	SW225	Jamalpur	10-Aug-02	15.842
Old Brahmaputra	SW225	Jamalpur	11-Aug-02	15.644
Old Brahmaputra	SW225	Jamalpur	12-Aug-02	15.494
Old Brahmaputra	SW225	Jamalpur	13-Aug-02	15.4
Old Brahmaputra	SW225	Jamalpur	14-Aug-02	15.4
Old Brahmaputra	SW225	Jamalpur	15-Aug-02	15.43
Old Brahmaputra	SW225	Jamalpur	16-Aug-02	15.434
Old Brahmaputra	SW225	Jamalpur	17-Aug-02	15.464
Old Brahmaputra	SW225	Jamalpur	18-Aug-02	15.492
Old Brahmaputra	SW225	Jamalpur	19-Aug-02	15.5
Old Brahmaputra	SW225	Jamalpur	20-Aug-02	15.49
Old Brahmaputra	SW225	Jamalpur	21-Aug-02	15.48
Old Brahmaputra	SW225	Jamalpur	22-Aug-02	15.466
Old Brahmaputra	SW225	Jamalpur	23-Aug-02	15.662
Old Brahmaputra	SW225	Jamalpur	24-Aug-02	15.73
Old Brahmaputra	SW225	Jamalpur	25-Aug-02	15.728
Old Brahmaputra	SW225	Jamalpur	26-Aug-02	15.678
Old Brahmaputra	SW225	Jamalpur	27-Aug-02	15.544
Old Brahmaputra	SW225	Jamalpur	28-Aug-02	15.41
Old Brahmaputra	SW225	Jamalpur	29-Aug-02	15.238
Old Brahmaputra	SW225	Jamalpur	30-Aug-02	15.114
Old Brahmaputra	SW225	Jamalpur	31-Aug-02	15.004
Old Brahmaputra	SW225	Jamalpur	01-Sep-02	14.778
Old Brahmaputra	SW225	Jamalpur	02-Sep-02	14.592
Old Brahmaputra	SW225	Jamalpur	03-Sep-02	14.554
Old Brahmaputra	SW225	Jamalpur	04-Sep-02	14.512
Old Brahmaputra	SW225	Jamalpur	05-Sep-02	14.454
Old Brahmaputra	SW225	Jamalpur	06-Sep-02	14.378
Old Brahmaputra	SW225	Jamalpur	07-Sep-02	14.214
Old Brahmaputra	SW225	Jamalpur	08-Sep-02	14.076
Old Brahmaputra	SW225	Jamalpur	09-Sep-02	13.97
Old Brahmaputra	SW225	Jamalpur	10-Sep-02	13.97
Old Brahmaputra	SW225	Jamalpur	11-Sep-02	13.902
Old Brahmaputra	SW225	Jamalpur	12-Sep-02	13.744
Old Brahmaputra	SW225	Jamalpur	13-Sep-02	13.644
Old Brahmaputra	SW225	Jamalpur	14-Sep-02	13.528
Old Brahmaputra	SW225	Jamalpur	15-Sep-02	13.46
Old Brahmaputra	SW225	Jamalpur	16-Sep-02	13.45
Old Brahmaputra	SW225	Jamalpur	17-Sep-02	13.45
Old Brahmaputra	SW225	Jamalpur	18-Sep-02	13.472
Old Brahmaputra	SW225	Jamalpur	19-Sep-02	13.65
Old Brahmaputra	SW225	Jamalpur	20-Sep-02	13.72
Old Brahmaputra	SW225	Jamalpur	21-Sep-02	13.55
Old Brahmaputra	SW225	Jamalpur	22-Sep-02	13.5
Old Brahmaputra	SW225	Jamalpur	23-Sep-02	13.584
Old Brahmaputra	SW225	Jamalpur	24-Sep-02	13.794
Old Brahmaputra	SW225	Jamalpur	25-Sep-02	13.882
Old Brahmaputra	SW225	Jamalpur	26-Sep-02	13.95

Old Brahmaputra	SW225	Jamalpur	27-Sep-02	13.992
Old Brahmaputra	SW225	Jamalpur	28-Sep-02	14.186
Old Brahmaputra	SW225	Jamalpur	29-Sep-02	14.26
Old Brahmaputra	SW225	Jamalpur	30-Sep-02	14.326
Old Brahmaputra	SW225	Jamalpur	01-Oct-02	14.428
Old Brahmaputra	SW225	Jamalpur	02-Oct-02	14.682
Old Brahmaputra	SW225	Jamalpur	03-Oct-02	14.766
Old Brahmaputra	SW225	Jamalpur	04-Oct-02	14.874
Old Brahmaputra	SW225	Jamalpur	05-Oct-02	14.958
Old Brahmaputra	SW225	Jamalpur	06-Oct-02	15.01
Old Brahmaputra	SW225	Jamalpur	07-Oct-02	15.03
Old Brahmaputra	SW225	Jamalpur	08-Oct-02	15.006
Old Brahmaputra	SW225	Jamalpur	09-Oct-02	14.888
Old Brahmaputra	SW225	Jamalpur	10-Oct-02	14.408
Old Brahmaputra	SW225	Jamalpur	11-Oct-02	14.282
Old Brahmaputra	SW225	Jamalpur	12-Oct-02	14.084
Old Brahmaputra	SW225	Jamalpur	13-Oct-02	13.828
Old Brahmaputra	SW225	Jamalpur	14-Oct-02	13.564
Old Brahmaputra	SW225	Jamalpur	15-Oct-02	13.412
Old Brahmaputra	SW225	Jamalpur	16-Oct-02	13.294
Old Brahmaputra	SW225	Jamalpur	17-Oct-02	13.154
Old Brahmaputra	SW225	Jamalpur	18-Oct-02	13.052
Old Brahmaputra	SW225	Jamalpur	19-Oct-02	12.934
Old Brahmaputra	SW225	Jamalpur	20-Oct-02	12.836
Old Brahmaputra	SW225	Jamalpur	21-Oct-02	12.744
Old Brahmaputra	SW225	Jamalpur	22-Oct-02	12.716
Old Brahmaputra	SW225	Jamalpur	23-Oct-02	12.686
Old Brahmaputra	SW225	Jamalpur	24-Oct-02	12.652
Old Brahmaputra	SW225	Jamalpur	25-Oct-02	12.61
Old Brahmaputra	SW225	Jamalpur	26-Oct-02	12.562
Old Brahmaputra	SW225	Jamalpur	27-Oct-02	12.51
Old Brahmaputra	SW225	Jamalpur	28-Oct-02	12.47
Old Brahmaputra	SW225	Jamalpur	29-Oct-02	12.47
Old Brahmaputra	SW225	Jamalpur	30-Oct-02	12.462
Old Brahmaputra	SW225	Jamalpur	31-Oct-02	12.45
Old Brahmaputra	SW225	Jamalpur	01-Nov-02	12.416
Old Brahmaputra	SW225	Jamalpur	02-Nov-02	12.398
Old Brahmaputra	SW225	Jamalpur	03-Nov-02	12.378
Old Brahmaputra	SW225	Jamalpur	04-Nov-02	12.358
Old Brahmaputra	SW225	Jamalpur	05-Nov-02	12.34
Old Brahmaputra	SW225	Jamalpur	06-Nov-02	12.33
Old Brahmaputra	SW225	Jamalpur	07-Nov-02	12.33
Old Brahmaputra	SW225	Jamalpur	08-Nov-02	12.33
Old Brahmaputra	SW225	Jamalpur	09-Nov-02	12.32
Old Brahmaputra	SW225	Jamalpur	10-Nov-02	12.32
Old Brahmaputra	SW225	Jamalpur	11-Nov-02	12.32
Old Brahmaputra	SW225	Jamalpur	12-Nov-02	12.33
Old Brahmaputra	SW225	Jamalpur	13-Nov-02	12.344
Old Brahmaputra	SW225	Jamalpur	14-Nov-02	12.35
Old Brahmaputra	SW225	Jamalpur	15-Nov-02	12.332

Old Brahmaputra	SW225	Jamalpur	16-Nov-02	12.304
Old Brahmaputra	SW225	Jamalpur	17-Nov-02	12.278
Old Brahmaputra	SW225	Jamalpur	18-Nov-02	12.256
Old Brahmaputra	SW225	Jamalpur	19-Nov-02	12.24
Old Brahmaputra	SW225	Jamalpur	20-Nov-02	12.23
Old Brahmaputra	SW225	Jamalpur	21-Nov-02	12.22
Old Brahmaputra	SW225	Jamalpur	22-Nov-02	12.21
Old Brahmaputra	SW225	Jamalpur	23-Nov-02	12.2
Old Brahmaputra	SW225	Jamalpur	24-Nov-02	12.19
Old Brahmaputra	SW225	Jamalpur	25-Nov-02	12.18
Old Brahmaputra	SW225	Jamalpur	26-Nov-02	12.17
Old Brahmaputra	SW225	Jamalpur	27-Nov-02	12.16
Old Brahmaputra	SW225	Jamalpur	28-Nov-02	12.16
Old Brahmaputra	SW225	Jamalpur	29-Nov-02	12.16
Old Brahmaputra	SW225	Jamalpur	30-Nov-02	12.15
Old Brahmaputra	SW225	Jamalpur	01-Dec-02	12.14
Old Brahmaputra	SW225	Jamalpur	02-Dec-02	12.13
Old Brahmaputra	SW225	Jamalpur	03-Dec-02	12.11
Old Brahmaputra	SW225	Jamalpur	04-Dec-02	12.11
Old Brahmaputra	SW225	Jamalpur	05-Dec-02	12.1
Old Brahmaputra	SW225	Jamalpur	06-Dec-02	12.1
Old Brahmaputra	SW225	Jamalpur	07-Dec-02	12.09
Old Brahmaputra	SW225	Jamalpur	08-Dec-02	12.09
Old Brahmaputra	SW225	Jamalpur	09-Dec-02	12.08
Old Brahmaputra	SW225	Jamalpur	10-Dec-02	12.08
Old Brahmaputra	SW225	Jamalpur	11-Dec-02	12.07
Old Brahmaputra	SW225	Jamalpur	12-Dec-02	12.06
Old Brahmaputra	SW225	Jamalpur	13-Dec-02	12.05
Old Brahmaputra	SW225	Jamalpur	14-Dec-02	12.04
Old Brahmaputra	SW225	Jamalpur	15-Dec-02	12.04
Old Brahmaputra	SW225	Jamalpur	16-Dec-02	12.03
Old Brahmaputra	SW225	Jamalpur	17-Dec-02	12.03
Old Brahmaputra	SW225	Jamalpur	18-Dec-02	12.03
Old Brahmaputra	SW225	Jamalpur	19-Dec-02	12.02
Old Brahmaputra	SW225	Jamalpur	20-Dec-02	12.02
Old Brahmaputra	SW225	Jamalpur	21-Dec-02	12.02
Old Brahmaputra	SW225	Jamalpur	22-Dec-02	12.01
Old Brahmaputra	SW225	Jamalpur	23-Dec-02	12.01
Old Brahmaputra	SW225	Jamalpur	24-Dec-02	12.01
Old Brahmaputra	SW225	Jamalpur	25-Dec-02	12
Old Brahmaputra	SW225	Jamalpur	26-Dec-02	12
Old Brahmaputra	SW225	Jamalpur	27-Dec-02	12
Old Brahmaputra	SW225	Jamalpur	28-Dec-02	11.99
Old Brahmaputra	SW225	Jamalpur	29-Dec-02	11.98
Old Brahmaputra	SW225	Jamalpur	30-Dec-02	11.98
Old Brahmaputra	SW225	Jamalpur	31-Dec-02	11.98
Old Brahmaputra	SW225	Jamalpur	01-Jan-03	11.97
Old Brahmaputra	SW225	Jamalpur	02-Jan-03	11.97
Old Brahmaputra	SW225	Jamalpur	03-Jan-03	11.97
Old Brahmaputra	SW225	Jamalpur	04-Jan-03	11.96

Old Brahmaputra	SW225	Jamalpur	05-Jan-03	11.96
Old Brahmaputra	SW225	Jamalpur	06-Jan-03	11.95
Old Brahmaputra	SW225	Jamalpur	07-Jan-03	11.95
Old Brahmaputra	SW225	Jamalpur	08-Jan-03	11.94
Old Brahmaputra	SW225	Jamalpur	09-Jan-03	11.94
Old Brahmaputra	SW225	Jamalpur	10-Jan-03	11.94
Old Brahmaputra	SW225	Jamalpur	11-Jan-03	11.93
Old Brahmaputra	SW225	Jamalpur	12-Jan-03	11.93
Old Brahmaputra	SW225	Jamalpur	13-Jan-03	11.93
Old Brahmaputra	SW225	Jamalpur	14-Jan-03	11.92
Old Brahmaputra	SW225	Jamalpur	15-Jan-03	11.92
Old Brahmaputra	SW225	Jamalpur	16-Jan-03	11.91
Old Brahmaputra	SW225	Jamalpur	17-Jan-03	11.91
Old Brahmaputra	SW225	Jamalpur	18-Jan-03	11.9
Old Brahmaputra	SW225	Jamalpur	19-Jan-03	11.89
Old Brahmaputra	SW225	Jamalpur	20-Jan-03	11.89
Old Brahmaputra	SW225	Jamalpur	21-Jan-03	11.88
Old Brahmaputra	SW225	Jamalpur	22-Jan-03	11.88
Old Brahmaputra	SW225	Jamalpur	23-Jan-03	11.87
Old Brahmaputra	SW225	Jamalpur	24-Jan-03	11.87
Old Brahmaputra	SW225	Jamalpur	25-Jan-03	11.86
Old Brahmaputra	SW225	Jamalpur	26-Jan-03	11.86
Old Brahmaputra	SW225	Jamalpur	27-Jan-03	11.85
Old Brahmaputra	SW225	Jamalpur	28-Jan-03	11.85
Old Brahmaputra	SW225	Jamalpur	29-Jan-03	11.84
Old Brahmaputra	SW225	Jamalpur	30-Jan-03	11.84
Old Brahmaputra	SW225	Jamalpur	31-Jan-03	11.84
Old Brahmaputra	SW225	Jamalpur	01-Feb-03	11.83
Old Brahmaputra	SW225	Jamalpur	02-Feb-03	11.826
Old Brahmaputra	SW225	Jamalpur	03-Feb-03	11.82
Old Brahmaputra	SW225	Jamalpur	04-Feb-03	11.8
Old Brahmaputra	SW225	Jamalpur	05-Feb-03	11.78
Old Brahmaputra	SW225	Jamalpur	06-Feb-03	11.77
Old Brahmaputra	SW225	Jamalpur	07-Feb-03	11.76
Old Brahmaputra	SW225	Jamalpur	08-Feb-03	11.75
Old Brahmaputra	SW225	Jamalpur	09-Feb-03	11.728
Old Brahmaputra	SW225	Jamalpur	10-Feb-03	11.716
Old Brahmaputra	SW225	Jamalpur	11-Feb-03	11.7
Old Brahmaputra	SW225	Jamalpur	12-Feb-03	11.69
Old Brahmaputra	SW225	Jamalpur	13-Feb-03	11.686
Old Brahmaputra	SW225	Jamalpur	14-Feb-03	11.678
Old Brahmaputra	SW225	Jamalpur	15-Feb-03	11.67
Old Brahmaputra	SW225	Jamalpur	16-Feb-03	11.656
Old Brahmaputra	SW225	Jamalpur	17-Feb-03	11.648
Old Brahmaputra	SW225	Jamalpur	18-Feb-03	11.63
Old Brahmaputra	SW225	Jamalpur	19-Feb-03	11.61
Old Brahmaputra	SW225	Jamalpur	20-Feb-03	11.606
Old Brahmaputra	SW225	Jamalpur	21-Feb-03	11.59
Old Brahmaputra	SW225	Jamalpur	22-Feb-03	11.58
Old Brahmaputra	SW225	Jamalpur	23-Feb-03	11.58

Old Brahmaputra	SW225	Jamalpur	24-Feb-03	11.57
Old Brahmaputra	SW225	Jamalpur	25-Feb-03	11.57
Old Brahmaputra	SW225	Jamalpur	26-Feb-03	11.56
Old Brahmaputra	SW225	Jamalpur	27-Feb-03	11.56
Old Brahmaputra	SW225	Jamalpur	28-Feb-03	11.55
Old Brahmaputra	SW225	Jamalpur	01-Mar-03	11.55
Old Brahmaputra	SW225	Jamalpur	02-Mar-03	11.54
Old Brahmaputra	SW225	Jamalpur	03-Mar-03	11.53
Old Brahmaputra	SW225	Jamalpur	04-Mar-03	11.53
Old Brahmaputra	SW225	Jamalpur	05-Mar-03	11.52
Old Brahmaputra	SW225	Jamalpur	06-Mar-03	11.51
Old Brahmaputra	SW225	Jamalpur	07-Mar-03	11.51
Old Brahmaputra	SW225	Jamalpur	08-Mar-03	11.5
Old Brahmaputra	SW225	Jamalpur	09-Mar-03	11.5
Old Brahmaputra	SW225	Jamalpur	10-Mar-03	11.49
Old Brahmaputra	SW225	Jamalpur	11-Mar-03	11.49
Old Brahmaputra	SW225	Jamalpur	12-Mar-03	11.48
Old Brahmaputra	SW225	Jamalpur	13-Mar-03	11.48
Old Brahmaputra	SW225	Jamalpur	14-Mar-03	11.518
Old Brahmaputra	SW225	Jamalpur	15-Mar-03	11.544
Old Brahmaputra	SW225	Jamalpur	16-Mar-03	11.574
Old Brahmaputra	SW225	Jamalpur	17-Mar-03	11.596
Old Brahmaputra	SW225	Jamalpur	18-Mar-03	11.618
Old Brahmaputra	SW225	Jamalpur	19-Mar-03	11.654
Old Brahmaputra	SW225	Jamalpur	20-Mar-03	11.678
Old Brahmaputra	SW225	Jamalpur	21-Mar-03	11.718
Old Brahmaputra	SW225	Jamalpur	22-Mar-03	11.742
Old Brahmaputra	SW225	Jamalpur	23-Mar-03	11.752
Old Brahmaputra	SW225	Jamalpur	24-Mar-03	11.772
Old Brahmaputra	SW225	Jamalpur	25-Mar-03	11.78
Old Brahmaputra	SW225	Jamalpur	26-Mar-03	11.772
Old Brahmaputra	SW225	Jamalpur	27-Mar-03	11.744
Old Brahmaputra	SW225	Jamalpur	28-Mar-03	11.73
Old Brahmaputra	SW225	Jamalpur	29-Mar-03	11.72
Old Brahmaputra	SW225	Jamalpur	30-Mar-03	11.71
Old Brahmaputra	SW225	Jamalpur	31-Mar-03	11.724
Old Brahmaputra	SW225	Jamalpur	01-Apr-03	11.818
Old Brahmaputra	SW225	Jamalpur	02-Apr-03	11.888
Old Brahmaputra	SW225	Jamalpur	03-Apr-03	11.898
Old Brahmaputra	SW225	Jamalpur	04-Apr-03	11.862
Old Brahmaputra	SW225	Jamalpur	05-Apr-03	11.844
Old Brahmaputra	SW225	Jamalpur	06-Apr-03	11.824
Old Brahmaputra	SW225	Jamalpur	07-Apr-03	11.808
Old Brahmaputra	SW225	Jamalpur	08-Apr-03	11.768
Old Brahmaputra	SW225	Jamalpur	09-Apr-03	11.738
Old Brahmaputra	SW225	Jamalpur	10-Apr-03	11.726
Old Brahmaputra	SW225	Jamalpur	11-Apr-03	11.712
Old Brahmaputra	SW225	Jamalpur	12-Apr-03	11.676
Old Brahmaputra	SW225	Jamalpur	13-Apr-03	11.656
Old Brahmaputra	SW225	Jamalpur	14-Apr-03	11.646

Old Brahmaputra	SW225	Jamalpur	15-Apr-03	11.614
Old Brahmaputra	SW225	Jamalpur	16-Apr-03	11.608
Old Brahmaputra	SW225	Jamalpur	17-Apr-03	11.586
Old Brahmaputra	SW225	Jamalpur	18-Apr-03	11.594
Old Brahmaputra	SW225	Jamalpur	19-Apr-03	11.668
Old Brahmaputra	SW225	Jamalpur	20-Apr-03	11.708
Old Brahmaputra	SW225	Jamalpur	21-Apr-03	11.748
Old Brahmaputra	SW225	Jamalpur	22-Apr-03	11.798
Old Brahmaputra	SW225	Jamalpur	23-Apr-03	11.838
Old Brahmaputra	SW225	Jamalpur	24-Apr-03	11.874
Old Brahmaputra	SW225	Jamalpur	25-Apr-03	11.796
Old Brahmaputra	SW225	Jamalpur	26-Apr-03	11.762
Old Brahmaputra	SW225	Jamalpur	27-Apr-03	11.726
Old Brahmaputra	SW225	Jamalpur	28-Apr-03	11.808
Old Brahmaputra	SW225	Jamalpur	29-Apr-03	11.798
Old Brahmaputra	SW225	Jamalpur	30-Apr-03	11.93
Old Brahmaputra	SW225	Jamalpur	01-May-03	12.46
Old Brahmaputra	SW225	Jamalpur	02-May-03	12.642
Old Brahmaputra	SW225	Jamalpur	03-May-03	12.422
Old Brahmaputra	SW225	Jamalpur	04-May-03	12.362
Old Brahmaputra	SW225	Jamalpur	05-May-03	12.322
Old Brahmaputra	SW225	Jamalpur	06-May-03	12.282
Old Brahmaputra	SW225	Jamalpur	07-May-03	12.244
Old Brahmaputra	SW225	Jamalpur	08-May-03	12.214
Old Brahmaputra	SW225	Jamalpur	09-May-03	12.178
Old Brahmaputra	SW225	Jamalpur	10-May-03	12.072
Old Brahmaputra	SW225	Jamalpur	11-May-03	12.034
Old Brahmaputra	SW225	Jamalpur	12-May-03	12.024
Old Brahmaputra	SW225	Jamalpur	13-May-03	12.03
Old Brahmaputra	SW225	Jamalpur	14-May-03	12.268
Old Brahmaputra	SW225	Jamalpur	15-May-03	12.26
Old Brahmaputra	SW225	Jamalpur	16-May-03	12.176
Old Brahmaputra	SW225	Jamalpur	17-May-03	12.124
Old Brahmaputra	SW225	Jamalpur	18-May-03	12.082
Old Brahmaputra	SW225	Jamalpur	19-May-03	12.056
Old Brahmaputra	SW225	Jamalpur	20-May-03	12.118
Old Brahmaputra	SW225	Jamalpur	21-May-03	12.104
Old Brahmaputra	SW225	Jamalpur	22-May-03	12.154
Old Brahmaputra	SW225	Jamalpur	23-May-03	12.45
Old Brahmaputra	SW225	Jamalpur	24-May-03	12.65
Old Brahmaputra	SW225	Jamalpur	25-May-03	12.742
Old Brahmaputra	SW225	Jamalpur	26-May-03	12.614
Old Brahmaputra	SW225	Jamalpur	27-May-03	12.52
Old Brahmaputra	SW225	Jamalpur	28-May-03	12.506
Old Brahmaputra	SW225	Jamalpur	29-May-03	12.478
Old Brahmaputra	SW225	Jamalpur	30-May-03	12.432
Old Brahmaputra	SW225	Jamalpur	31-May-03	12.396
Old Brahmaputra	SW225	Jamalpur	01-Jun-03	12.37
Old Brahmaputra	SW225	Jamalpur	02-Jun-03	12.372
Old Brahmaputra	SW225	Jamalpur	03-Jun-03	12.342

Old Brahmaputra	SW225	Jamalpur	04-Jun-03	12.324
Old Brahmaputra	SW225	Jamalpur	05-Jun-03	12.652
Old Brahmaputra	SW225	Jamalpur	06-Jun-03	12.76
Old Brahmaputra	SW225	Jamalpur	07-Jun-03	12.832
Old Brahmaputra	SW225	Jamalpur	08-Jun-03	12.728
Old Brahmaputra	SW225	Jamalpur	09-Jun-03	12.718
Old Brahmaputra	SW225	Jamalpur	10-Jun-03	12.988
Old Brahmaputra	SW225	Jamalpur	11-Jun-03	13.114
Old Brahmaputra	SW225	Jamalpur	12-Jun-03	13.22
Old Brahmaputra	SW225	Jamalpur	13-Jun-03	13.342
Old Brahmaputra	SW225	Jamalpur	14-Jun-03	13.474
Old Brahmaputra	SW225	Jamalpur	15-Jun-03	13.732
Old Brahmaputra	SW225	Jamalpur	16-Jun-03	14.174
Old Brahmaputra	SW225	Jamalpur	17-Jun-03	14.37
Old Brahmaputra	SW225	Jamalpur	18-Jun-03	14.416
Old Brahmaputra	SW225	Jamalpur	19-Jun-03	14.52
Old Brahmaputra	SW225	Jamalpur	20-Jun-03	14.62
Old Brahmaputra	SW225	Jamalpur	21-Jun-03	14.762
Old Brahmaputra	SW225	Jamalpur	22-Jun-03	14.876
Old Brahmaputra	SW225	Jamalpur	23-Jun-03	14.956
Old Brahmaputra	SW225	Jamalpur	24-Jun-03	14.774
Old Brahmaputra	SW225	Jamalpur	25-Jun-03	14.624
Old Brahmaputra	SW225	Jamalpur	26-Jun-03	14.638
Old Brahmaputra	SW225	Jamalpur	27-Jun-03	14.822
Old Brahmaputra	SW225	Jamalpur	28-Jun-03	14.954
Old Brahmaputra	SW225	Jamalpur	29-Jun-03	15.156
Old Brahmaputra	SW225	Jamalpur	30-Jun-03	15.444
Old Brahmaputra	SW225	Jamalpur	01-Jul-03	15.624
Old Brahmaputra	SW225	Jamalpur	02-Jul-03	15.776
Old Brahmaputra	SW225	Jamalpur	03-Jul-03	16.052
Old Brahmaputra	SW225	Jamalpur	04-Jul-03	16.282
Old Brahmaputra	SW225	Jamalpur	05-Jul-03	16.412
Old Brahmaputra	SW225	Jamalpur	06-Jul-03	16.408
Old Brahmaputra	SW225	Jamalpur	07-Jul-03	16.578
Old Brahmaputra	SW225	Jamalpur	08-Jul-03	16.588
Old Brahmaputra	SW225	Jamalpur	09-Jul-03	16.51
Old Brahmaputra	SW225	Jamalpur	10-Jul-03	16.478
Old Brahmaputra	SW225	Jamalpur	11-Jul-03	16.75
Old Brahmaputra	SW225	Jamalpur	12-Jul-03	16.874
Old Brahmaputra	SW225	Jamalpur	13-Jul-03	16.976
Old Brahmaputra	SW225	Jamalpur	14-Jul-03	17.004
Old Brahmaputra	SW225	Jamalpur	15-Jul-03	16.98
Old Brahmaputra	SW225	Jamalpur	16-Jul-03	16.968
Old Brahmaputra	SW225	Jamalpur	17-Jul-03	16.946
Old Brahmaputra	SW225	Jamalpur	18-Jul-03	16.894
Old Brahmaputra	SW225	Jamalpur	19-Jul-03	16.778
Old Brahmaputra	SW225	Jamalpur	20-Jul-03	16.67
Old Brahmaputra	SW225	Jamalpur	21-Jul-03	16.526
Old Brahmaputra	SW225	Jamalpur	22-Jul-03	16.392
Old Brahmaputra	SW225	Jamalpur	23-Jul-03	16.226

Old Brahmaputra	SW225	Jamalpur	24-Jul-03	16.052
Old Brahmaputra	SW225	Jamalpur	25-Jul-03	15.852
Old Brahmaputra	SW225	Jamalpur	26-Jul-03	15.598
Old Brahmaputra	SW225	Jamalpur	27-Jul-03	15.49
Old Brahmaputra	SW225	Jamalpur	28-Jul-03	15.45
Old Brahmaputra	SW225	Jamalpur	29-Jul-03	15.124
Old Brahmaputra	SW225	Jamalpur	30-Jul-03	14.99
Old Brahmaputra	SW225	Jamalpur	31-Jul-03	14.922
Old Brahmaputra	SW225	Jamalpur	01-Aug-03	14.9
Old Brahmaputra	SW225	Jamalpur	02-Aug-03	14.932
Old Brahmaputra	SW225	Jamalpur	03-Aug-03	15.062
Old Brahmaputra	SW225	Jamalpur	04-Aug-03	15.166
Old Brahmaputra	SW225	Jamalpur	05-Aug-03	15.192
Old Brahmaputra	SW225	Jamalpur	06-Aug-03	15.222
Old Brahmaputra	SW225	Jamalpur	07-Aug-03	15.23
Old Brahmaputra	SW225	Jamalpur	08-Aug-03	15.182
Old Brahmaputra	SW225	Jamalpur	09-Aug-03	14.96
Old Brahmaputra	SW225	Jamalpur	10-Aug-03	14.74
Old Brahmaputra	SW225	Jamalpur	11-Aug-03	14.56
Old Brahmaputra	SW225	Jamalpur	12-Aug-03	14.468
Old Brahmaputra	SW225	Jamalpur	13-Aug-03	14.424
Old Brahmaputra	SW225	Jamalpur	14-Aug-03	14.37
Old Brahmaputra	SW225	Jamalpur	15-Aug-03	14.316
Old Brahmaputra	SW225	Jamalpur	16-Aug-03	14.29
Old Brahmaputra	SW225	Jamalpur	17-Aug-03	14.29
Old Brahmaputra	SW225	Jamalpur	18-Aug-03	14.352
Old Brahmaputra	SW225	Jamalpur	19-Aug-03	14.67
Old Brahmaputra	SW225	Jamalpur	20-Aug-03	14.788
Old Brahmaputra	SW225	Jamalpur	21-Aug-03	14.858
Old Brahmaputra	SW225	Jamalpur	22-Aug-03	14.912
Old Brahmaputra	SW225	Jamalpur	23-Aug-03	14.98
Old Brahmaputra	SW225	Jamalpur	24-Aug-03	15.038
Old Brahmaputra	SW225	Jamalpur	25-Aug-03	15.108
Old Brahmaputra	SW225	Jamalpur	26-Aug-03	15.158
Old Brahmaputra	SW225	Jamalpur	27-Aug-03	15.208
Old Brahmaputra	SW225	Jamalpur	28-Aug-03	15.248
Old Brahmaputra	SW225	Jamalpur	29-Aug-03	15.122
Old Brahmaputra	SW225	Jamalpur	30-Aug-03	14.852
Old Brahmaputra	SW225	Jamalpur	31-Aug-03	14.706
Old Brahmaputra	SW225	Jamalpur	01-Sep-03	14.59
Old Brahmaputra	SW225	Jamalpur	02-Sep-03	14.58
Old Brahmaputra	SW225	Jamalpur	03-Sep-03	14.562
Old Brahmaputra	SW225	Jamalpur	04-Sep-03	14.494
Old Brahmaputra	SW225	Jamalpur	05-Sep-03	14.518
Old Brahmaputra	SW225	Jamalpur	06-Sep-03	14.616
Old Brahmaputra	SW225	Jamalpur	07-Sep-03	14.702
Old Brahmaputra	SW225	Jamalpur	08-Sep-03	14.808
Old Brahmaputra	SW225	Jamalpur	09-Sep-03	14.954
Old Brahmaputra	SW225	Jamalpur	10-Sep-03	15.068
Old Brahmaputra	SW225	Jamalpur	11-Sep-03	15.148

Old Brahmaputra	SW225	Jamalpur	12-Sep-03	15.028
Old Brahmaputra	SW225	Jamalpur	13-Sep-03	14.92
Old Brahmaputra	SW225	Jamalpur	14-Sep-03	14.818
Old Brahmaputra	SW225	Jamalpur	15-Sep-03	14.73
Old Brahmaputra	SW225	Jamalpur	16-Sep-03	14.636
Old Brahmaputra	SW225	Jamalpur	17-Sep-03	14.552
Old Brahmaputra	SW225	Jamalpur	18-Sep-03	14.654
Old Brahmaputra	SW225	Jamalpur	19-Sep-03	14.782
Old Brahmaputra	SW225	Jamalpur	20-Sep-03	14.81
Old Brahmaputra	SW225	Jamalpur	21-Sep-03	14.8
Old Brahmaputra	SW225	Jamalpur	22-Sep-03	14.78
Old Brahmaputra	SW225	Jamalpur	23-Sep-03	14.89
Old Brahmaputra	SW225	Jamalpur	24-Sep-03	15.002
Old Brahmaputra	SW225	Jamalpur	25-Sep-03	15.072
Old Brahmaputra	SW225	Jamalpur	26-Sep-03	14.966
Old Brahmaputra	SW225	Jamalpur	27-Sep-03	14.912
Old Brahmaputra	SW225	Jamalpur	28-Sep-03	14.798
Old Brahmaputra	SW225	Jamalpur	29-Sep-03	14.574
Old Brahmaputra	SW225	Jamalpur	30-Sep-03	14.368
Old Brahmaputra	SW225	Jamalpur	01-Nov-03	12.698
Old Brahmaputra	SW225	Jamalpur	02-Nov-03	12.65
Old Brahmaputra	SW225	Jamalpur	03-Nov-03	12.566
Old Brahmaputra	SW225	Jamalpur	04-Nov-03	12.462
Old Brahmaputra	SW225	Jamalpur	05-Nov-03	12.422
Old Brahmaputra	SW225	Jamalpur	06-Nov-03	12.372
Old Brahmaputra	SW225	Jamalpur	07-Nov-03	12.344
Old Brahmaputra	SW225	Jamalpur	08-Nov-03	12.326
Old Brahmaputra	SW225	Jamalpur	09-Nov-03	12.294
Old Brahmaputra	SW225	Jamalpur	10-Nov-03	12.296
Old Brahmaputra	SW225	Jamalpur	11-Nov-03	12.272
Old Brahmaputra	SW225	Jamalpur	12-Nov-03	12.236
Old Brahmaputra	SW225	Jamalpur	13-Nov-03	12.218
Old Brahmaputra	SW225	Jamalpur	14-Nov-03	12.186
Old Brahmaputra	SW225	Jamalpur	15-Nov-03	12.166
Old Brahmaputra	SW225	Jamalpur	16-Nov-03	12.146
Old Brahmaputra	SW225	Jamalpur	17-Nov-03	12.126
Old Brahmaputra	SW225	Jamalpur	18-Nov-03	12.106
Old Brahmaputra	SW225	Jamalpur	19-Nov-03	12.09
Old Brahmaputra	SW225	Jamalpur	20-Nov-03	12.078
Old Brahmaputra	SW225	Jamalpur	21-Nov-03	12.056
Old Brahmaputra	SW225	Jamalpur	22-Nov-03	12.046
Old Brahmaputra	SW225	Jamalpur	23-Nov-03	12.04
Old Brahmaputra	SW225	Jamalpur	24-Nov-03	12.03
Old Brahmaputra	SW225	Jamalpur	25-Nov-03	12.006
Old Brahmaputra	SW225	Jamalpur	26-Nov-03	11.99
Old Brahmaputra	SW225	Jamalpur	27-Nov-03	11.98
Old Brahmaputra	SW225	Jamalpur	28-Nov-03	11.98
Old Brahmaputra	SW225	Jamalpur	29-Nov-03	11.98
Old Brahmaputra	SW225	Jamalpur	30-Nov-03	11.97
Old Brahmaputra	SW225	Jamalpur	01-Dec-03	11.96

Old Brahmaputra	SW225	Jamalpur	02-Dec-03	11.95
Old Brahmaputra	SW225	Jamalpur	03-Dec-03	11.95
Old Brahmaputra	SW225	Jamalpur	04-Dec-03	11.94
Old Brahmaputra	SW225	Jamalpur	05-Dec-03	11.93
Old Brahmaputra	SW225	Jamalpur	06-Dec-03	11.918
Old Brahmaputra	SW225	Jamalpur	07-Dec-03	11.9
Old Brahmaputra	SW225	Jamalpur	08-Dec-03	11.88
Old Brahmaputra	SW225	Jamalpur	09-Dec-03	11.88
Old Brahmaputra	SW225	Jamalpur	10-Dec-03	11.87
Old Brahmaputra	SW225	Jamalpur	11-Dec-03	11.87
Old Brahmaputra	SW225	Jamalpur	12-Dec-03	11.86
Old Brahmaputra	SW225	Jamalpur	13-Dec-03	11.86
Old Brahmaputra	SW225	Jamalpur	14-Dec-03	11.85
Old Brahmaputra	SW225	Jamalpur	15-Dec-03	11.848
Old Brahmaputra	SW225	Jamalpur	16-Dec-03	11.84
Old Brahmaputra	SW225	Jamalpur	17-Dec-03	11.838
Old Brahmaputra	SW225	Jamalpur	18-Dec-03	11.83
Old Brahmaputra	SW225	Jamalpur	19-Dec-03	11.82
Old Brahmaputra	SW225	Jamalpur	20-Dec-03	11.82
Old Brahmaputra	SW225	Jamalpur	21-Dec-03	11.81
Old Brahmaputra	SW225	Jamalpur	22-Dec-03	11.808
Old Brahmaputra	SW225	Jamalpur	23-Dec-03	11.8
Old Brahmaputra	SW225	Jamalpur	24-Dec-03	11.79
Old Brahmaputra	SW225	Jamalpur	25-Dec-03	11.79
Old Brahmaputra	SW225	Jamalpur	26-Dec-03	11.79
Old Brahmaputra	SW225	Jamalpur	27-Dec-03	11.78
Old Brahmaputra	SW225	Jamalpur	28-Dec-03	11.78
Old Brahmaputra	SW225	Jamalpur	29-Dec-03	11.77
Old Brahmaputra	SW225	Jamalpur	30-Dec-03	11.77
Old Brahmaputra	SW225	Jamalpur	31-Dec-03	11.77
Old Brahmaputra	SW225	Jamalpur	01-Jan-04	11.77
Old Brahmaputra	SW225	Jamalpur	02-Jan-04	11.762
Old Brahmaputra	SW225	Jamalpur	03-Jan-04	11.76
Old Brahmaputra	SW225	Jamalpur	04-Jan-04	11.75
Old Brahmaputra	SW225	Jamalpur	05-Jan-04	11.748
Old Brahmaputra	SW225	Jamalpur	06-Jan-04	11.74
Old Brahmaputra	SW225	Jamalpur	07-Jan-04	11.73
Old Brahmaputra	SW225	Jamalpur	08-Jan-04	11.73
Old Brahmaputra	SW225	Jamalpur	09-Jan-04	11.72
Old Brahmaputra	SW225	Jamalpur	10-Jan-04	11.72
Old Brahmaputra	SW225	Jamalpur	11-Jan-04	11.72
Old Brahmaputra	SW225	Jamalpur	12-Jan-04	11.72
Old Brahmaputra	SW225	Jamalpur	13-Jan-04	11.708
Old Brahmaputra	SW225	Jamalpur	14-Jan-04	11.7
Old Brahmaputra	SW225	Jamalpur	15-Jan-04	11.69
Old Brahmaputra	SW225	Jamalpur	16-Jan-04	11.678
Old Brahmaputra	SW225	Jamalpur	17-Jan-04	11.654
Old Brahmaputra	SW225	Jamalpur	18-Jan-04	11.64
Old Brahmaputra	SW225	Jamalpur	19-Jan-04	11.62
Old Brahmaputra	SW225	Jamalpur	20-Jan-04	11.6

Old Brahmaputra	SW225	Jamalpur	21-Jan-04	11.598
Old Brahmaputra	SW225	Jamalpur	22-Jan-04	11.58
Old Brahmaputra	SW225	Jamalpur	23-Jan-04	11.57
Old Brahmaputra	SW225	Jamalpur	24-Jan-04	11.56
Old Brahmaputra	SW225	Jamalpur	25-Jan-04	11.548
Old Brahmaputra	SW225	Jamalpur	26-Jan-04	11.53
Old Brahmaputra	SW225	Jamalpur	27-Jan-04	11.52
Old Brahmaputra	SW225	Jamalpur	28-Jan-04	11.5
Old Brahmaputra	SW225	Jamalpur	29-Jan-04	11.498
Old Brahmaputra	SW225	Jamalpur	30-Jan-04	11.49
Old Brahmaputra	SW225	Jamalpur	31-Jan-04	11.49
Old Brahmaputra	SW225	Jamalpur	01-Feb-04	11.48
Old Brahmaputra	SW225	Jamalpur	02-Feb-04	11.46
Old Brahmaputra	SW225	Jamalpur	03-Feb-04	11.45
Old Brahmaputra	SW225	Jamalpur	04-Feb-04	11.438
Old Brahmaputra	SW225	Jamalpur	05-Feb-04	11.426
Old Brahmaputra	SW225	Jamalpur	06-Feb-04	11.41
Old Brahmaputra	SW225	Jamalpur	07-Feb-04	11.398
Old Brahmaputra	SW225	Jamalpur	08-Feb-04	11.38
Old Brahmaputra	SW225	Jamalpur	09-Feb-04	11.37
Old Brahmaputra	SW225	Jamalpur	10-Feb-04	11.366
Old Brahmaputra	SW225	Jamalpur	11-Feb-04	11.354
Old Brahmaputra	SW225	Jamalpur	12-Feb-04	11.346
Old Brahmaputra	SW225	Jamalpur	13-Feb-04	11.336
Old Brahmaputra	SW225	Jamalpur	14-Feb-04	11.32
Old Brahmaputra	SW225	Jamalpur	15-Feb-04	11.31
Old Brahmaputra	SW225	Jamalpur	16-Feb-04	11.302
Old Brahmaputra	SW225	Jamalpur	17-Feb-04	11.292
Old Brahmaputra	SW225	Jamalpur	18-Feb-04	11.282
Old Brahmaputra	SW225	Jamalpur	19-Feb-04	11.272
Old Brahmaputra	SW225	Jamalpur	20-Feb-04	11.262
Old Brahmaputra	SW225	Jamalpur	21-Feb-04	11.26
Old Brahmaputra	SW225	Jamalpur	22-Feb-04	11.26
Old Brahmaputra	SW225	Jamalpur	23-Feb-04	11.25
Old Brahmaputra	SW225	Jamalpur	24-Feb-04	11.25
Old Brahmaputra	SW225	Jamalpur	25-Feb-04	11.25
Old Brahmaputra	SW225	Jamalpur	26-Feb-04	11.24
Old Brahmaputra	SW225	Jamalpur	27-Feb-04	11.24
Old Brahmaputra	SW225	Jamalpur	28-Feb-04	11.24
Old Brahmaputra	SW225	Jamalpur	29-Feb-04	11.23
Old Brahmaputra	SW225	Jamalpur	01-Mar-04	11.23
Old Brahmaputra	SW225	Jamalpur	02-Mar-04	11.228
Old Brahmaputra	SW225	Jamalpur	03-Mar-04	11.22
Old Brahmaputra	SW225	Jamalpur	04-Mar-04	11.21
Old Brahmaputra	SW225	Jamalpur	05-Mar-04	11.21
Old Brahmaputra	SW225	Jamalpur	06-Mar-04	11.2
Old Brahmaputra	SW225	Jamalpur	07-Mar-04	11.2
Old Brahmaputra	SW225	Jamalpur	08-Mar-04	11.19
Old Brahmaputra	SW225	Jamalpur	09-Mar-04	11.19
Old Brahmaputra	SW225	Jamalpur	10-Mar-04	11.19

Old Brahmaputra	SW225	Jamalpur	11-Mar-04	11.18
Old Brahmaputra	SW225	Jamalpur	12-Mar-04	11.18
Old Brahmaputra	SW225	Jamalpur	13-Mar-04	11.18
Old Brahmaputra	SW225	Jamalpur	14-Mar-04	11.17
Old Brahmaputra	SW225	Jamalpur	15-Mar-04	11.17
Old Brahmaputra	SW225	Jamalpur	16-Mar-04	11.17
Old Brahmaputra	SW225	Jamalpur	17-Mar-04	11.16
Old Brahmaputra	SW225	Jamalpur	18-Mar-04	11.16
Old Brahmaputra	SW225	Jamalpur	19-Mar-04	11.182
Old Brahmaputra	SW225	Jamalpur	20-Mar-04	11.2
Old Brahmaputra	SW225	Jamalpur	21-Mar-04	11.228
Old Brahmaputra	SW225	Jamalpur	22-Mar-04	11.25
Old Brahmaputra	SW225	Jamalpur	23-Mar-04	11.27
Old Brahmaputra	SW225	Jamalpur	24-Mar-04	11.28
Old Brahmaputra	SW225	Jamalpur	25-Mar-04	11.27
Old Brahmaputra	SW225	Jamalpur	26-Mar-04	11.248
Old Brahmaputra	SW225	Jamalpur	27-Mar-04	11.228
Old Brahmaputra	SW225	Jamalpur	28-Mar-04	11.22
Old Brahmaputra	SW225	Jamalpur	29-Mar-04	11.21
Old Brahmaputra	SW225	Jamalpur	30-Mar-04	11.21
Old Brahmaputra	SW225	Jamalpur	31-Mar-04	11.21
Old Brahmaputra	SW225	Jamalpur	01-Apr-04	11.2
Old Brahmaputra	SW225	Jamalpur	02-Apr-04	11.19
Old Brahmaputra	SW225	Jamalpur	03-Apr-04	11.19
Old Brahmaputra	SW225	Jamalpur	04-Apr-04	11.18
Old Brahmaputra	SW225	Jamalpur	05-Apr-04	11.18
Old Brahmaputra	SW225	Jamalpur	06-Apr-04	11.18
Old Brahmaputra	SW225	Jamalpur	07-Apr-04	11.17
Old Brahmaputra	SW225	Jamalpur	08-Apr-04	11.17
Old Brahmaputra	SW225	Jamalpur	09-Apr-04	11.204
Old Brahmaputra	SW225	Jamalpur	10-Apr-04	11.28
Old Brahmaputra	SW225	Jamalpur	11-Apr-04	11.42
Old Brahmaputra	SW225	Jamalpur	12-Apr-04	11.514
Old Brahmaputra	SW225	Jamalpur	13-Apr-04	11.536
Old Brahmaputra	SW225	Jamalpur	14-Apr-04	11.516
Old Brahmaputra	SW225	Jamalpur	15-Apr-04	11.5
Old Brahmaputra	SW225	Jamalpur	16-Apr-04	11.494
Old Brahmaputra	SW225	Jamalpur	17-Apr-04	11.486
Old Brahmaputra	SW225	Jamalpur	18-Apr-04	11.456
Old Brahmaputra	SW225	Jamalpur	19-Apr-04	11.54
Old Brahmaputra	SW225	Jamalpur	20-Apr-04	11.45
Old Brahmaputra	SW225	Jamalpur	21-Apr-04	11.466
Old Brahmaputra	SW225	Jamalpur	22-Apr-04	11.526
Old Brahmaputra	SW225	Jamalpur	23-Apr-04	11.696
Old Brahmaputra	SW225	Jamalpur	24-Apr-04	11.804
Old Brahmaputra	SW225	Jamalpur	25-Apr-04	11.856
Old Brahmaputra	SW225	Jamalpur	26-Apr-04	11.816
Old Brahmaputra	SW225	Jamalpur	27-Apr-04	11.784
Old Brahmaputra	SW225	Jamalpur	28-Apr-04	11.752
Old Brahmaputra	SW225	Jamalpur	29-Apr-04	11.712

Old Brahmaputra	SW225	Jamalpur	30-Apr-04	11.69
Old Brahmaputra	SW225	Jamalpur	01-May-04	11.708
Old Brahmaputra	SW225	Jamalpur	02-May-04	11.748
Old Brahmaputra	SW225	Jamalpur	03-May-04	11.814
Old Brahmaputra	SW225	Jamalpur	04-May-04	11.866
Old Brahmaputra	SW225	Jamalpur	05-May-04	11.892
Old Brahmaputra	SW225	Jamalpur	06-May-04	11.734
Old Brahmaputra	SW225	Jamalpur	07-May-04	11.632
Old Brahmaputra	SW225	Jamalpur	08-May-04	11.556
Old Brahmaputra	SW225	Jamalpur	09-May-04	11.504
Old Brahmaputra	SW225	Jamalpur	10-May-04	11.54
Old Brahmaputra	SW225	Jamalpur	11-May-04	11.512
Old Brahmaputra	SW225	Jamalpur	12-May-04	11.47
Old Brahmaputra	SW225	Jamalpur	13-May-04	11.47
Old Brahmaputra	SW225	Jamalpur	14-May-04	11.47
Old Brahmaputra	SW225	Jamalpur	15-May-04	11.45
Old Brahmaputra	SW225	Jamalpur	16-May-04	11.486
Old Brahmaputra	SW225	Jamalpur	17-May-04	11.504
Old Brahmaputra	SW225	Jamalpur	18-May-04	11.656
Old Brahmaputra	SW225	Jamalpur	19-May-04	12.516
Old Brahmaputra	SW225	Jamalpur	20-May-04	13.162
Old Brahmaputra	SW225	Jamalpur	21-May-04	13.498
Old Brahmaputra	SW225	Jamalpur	22-May-04	13.556
Old Brahmaputra	SW225	Jamalpur	23-May-04	13.308
Old Brahmaputra	SW225	Jamalpur	24-May-04	13.222
Old Brahmaputra	SW225	Jamalpur	25-May-04	13.162
Old Brahmaputra	SW225	Jamalpur	26-May-04	13.088
Old Brahmaputra	SW225	Jamalpur	27-May-04	13.026
Old Brahmaputra	SW225	Jamalpur	28-May-04	13.022
Old Brahmaputra	SW225	Jamalpur	29-May-04	13.056
Old Brahmaputra	SW225	Jamalpur	30-May-04	13.078
Old Brahmaputra	SW225	Jamalpur	31-May-04	13.126
Old Brahmaputra	SW225	Jamalpur	01-Jun-04	13.144
Old Brahmaputra	SW225	Jamalpur	02-Jun-04	13.164
Old Brahmaputra	SW225	Jamalpur	03-Jun-04	13.024
Old Brahmaputra	SW225	Jamalpur	04-Jun-04	12.992
Old Brahmaputra	SW225	Jamalpur	05-Jun-04	12.922
Old Brahmaputra	SW225	Jamalpur	06-Jun-04	12.838
Old Brahmaputra	SW225	Jamalpur	07-Jun-04	12.75
Old Brahmaputra	SW225	Jamalpur	08-Jun-04	12.778
Old Brahmaputra	SW225	Jamalpur	09-Jun-04	12.768
Old Brahmaputra	SW225	Jamalpur	10-Jun-04	12.624
Old Brahmaputra	SW225	Jamalpur	11-Jun-04	12.572
Old Brahmaputra	SW225	Jamalpur	12-Jun-04	12.506
Old Brahmaputra	SW225	Jamalpur	13-Jun-04	12.458
Old Brahmaputra	SW225	Jamalpur	14-Jun-04	12.694
Old Brahmaputra	SW225	Jamalpur	15-Jun-04	12.83
Old Brahmaputra	SW225	Jamalpur	16-Jun-04	12.868
Old Brahmaputra	SW225	Jamalpur	17-Jun-04	12.66
Old Brahmaputra	SW225	Jamalpur	18-Jun-04	12.588

Old Brahmaputra	SW225	Jamalpur	19-Jun-04	12.578
Old Brahmaputra	SW225	Jamalpur	20-Jun-04	12.81
Old Brahmaputra	SW225	Jamalpur	21-Jun-04	12.93
Old Brahmaputra	SW225	Jamalpur	22-Jun-04	13.134
Old Brahmaputra	SW225	Jamalpur	23-Jun-04	13.83
Old Brahmaputra	SW225	Jamalpur	24-Jun-04	14.436
Old Brahmaputra	SW225	Jamalpur	25-Jun-04	14.902
Old Brahmaputra	SW225	Jamalpur	26-Jun-04	15.358
Old Brahmaputra	SW225	Jamalpur	27-Jun-04	15.716
Old Brahmaputra	SW225	Jamalpur	28-Jun-04	15.78
Old Brahmaputra	SW225	Jamalpur	29-Jun-04	15.904
Old Brahmaputra	SW225	Jamalpur	30-Jun-04	16.056
Old Brahmaputra	SW225	Jamalpur	01-Jul-04	15.996
Old Brahmaputra	SW225	Jamalpur	02-Jul-04	15.846
Old Brahmaputra	SW225	Jamalpur	03-Jul-04	15.656
Old Brahmaputra	SW225	Jamalpur	04-Jul-04	15.306
Old Brahmaputra	SW225	Jamalpur	05-Jul-04	15.124
Old Brahmaputra	SW225	Jamalpur	06-Jul-04	14.852
Old Brahmaputra	SW225	Jamalpur	07-Jul-04	14.742
Old Brahmaputra	SW225	Jamalpur	08-Jul-04	15.242
Old Brahmaputra	SW225	Jamalpur	09-Jul-04	15.518
Old Brahmaputra	SW225	Jamalpur	10-Jul-04	15.966
Old Brahmaputra	SW225	Jamalpur	11-Jul-04	16.228
Old Brahmaputra	SW225	Jamalpur	12-Jul-04	16.512
Old Brahmaputra	SW225	Jamalpur	13-Jul-04	16.964
Old Brahmaputra	SW225	Jamalpur	14-Jul-04	17.266
Old Brahmaputra	SW225	Jamalpur	15-Jul-04	17.32
Old Brahmaputra	SW225	Jamalpur	16-Jul-04	17.454
Old Brahmaputra	SW225	Jamalpur	17-Jul-04	17.38
Old Brahmaputra	SW225	Jamalpur	18-Jul-04	17.262
Old Brahmaputra	SW225	Jamalpur	19-Jul-04	17.094
Old Brahmaputra	SW225	Jamalpur	20-Jul-04	17.184
Old Brahmaputra	SW225	Jamalpur	21-Jul-04	17.114
Old Brahmaputra	SW225	Jamalpur	22-Jul-04	17.062
Old Brahmaputra	SW225	Jamalpur	23-Jul-04	17.35
Old Brahmaputra	SW225	Jamalpur	24-Jul-04	17.524
Old Brahmaputra	SW225	Jamalpur	25-Jul-04	17.396
Old Brahmaputra	SW225	Jamalpur	26-Jul-04	17.204
Old Brahmaputra	SW225	Jamalpur	27-Jul-04	17.046
Old Brahmaputra	SW225	Jamalpur	28-Jul-04	16.776
Old Brahmaputra	SW225	Jamalpur	29-Jul-04	16.574
Old Brahmaputra	SW225	Jamalpur	30-Jul-04	16.286
Old Brahmaputra	SW225	Jamalpur	31-Jul-04	16.042
Old Brahmaputra	SW225	Jamalpur	01-Aug-04	15.854
Old Brahmaputra	SW225	Jamalpur	02-Aug-04	15.674
Old Brahmaputra	SW225	Jamalpur	03-Aug-04	15.518
Old Brahmaputra	SW225	Jamalpur	04-Aug-04	15.356
Old Brahmaputra	SW225	Jamalpur	05-Aug-04	15.222
Old Brahmaputra	SW225	Jamalpur	06-Aug-04	15.078
Old Brahmaputra	SW225	Jamalpur	07-Aug-04	14.982

Old Brahmaputra	SW225	Jamalpur	08-Aug-04	14.892
Old Brahmaputra	SW225	Jamalpur	09-Aug-04	14.852
Old Brahmaputra	SW225	Jamalpur	10-Aug-04	14.79
Old Brahmaputra	SW225	Jamalpur	11-Aug-04	14.702
Old Brahmaputra	SW225	Jamalpur	12-Aug-04	14.85
Old Brahmaputra	SW225	Jamalpur	13-Aug-04	14.95
Old Brahmaputra	SW225	Jamalpur	14-Aug-04	14.78
Old Brahmaputra	SW225	Jamalpur	15-Aug-04	14.628
Old Brahmaputra	SW225	Jamalpur	16-Aug-04	14.528
Old Brahmaputra	SW225	Jamalpur	17-Aug-04	14.464
Old Brahmaputra	SW225	Jamalpur	18-Aug-04	14.372
Old Brahmaputra	SW225	Jamalpur	19-Aug-04	14.252
Old Brahmaputra	SW225	Jamalpur	20-Aug-04	14.136
Old Brahmaputra	SW225	Jamalpur	21-Aug-04	14.05
Old Brahmaputra	SW225	Jamalpur	22-Aug-04	14.036
Old Brahmaputra	SW225	Jamalpur	23-Aug-04	14
Old Brahmaputra	SW225	Jamalpur	24-Aug-04	14.066
Old Brahmaputra	SW225	Jamalpur	25-Aug-04	14.132
Old Brahmaputra	SW225	Jamalpur	26-Aug-04	14.118
Old Brahmaputra	SW225	Jamalpur	27-Aug-04	13.976
Old Brahmaputra	SW225	Jamalpur	28-Aug-04	13.888
Old Brahmaputra	SW225	Jamalpur	29-Aug-04	13.826
Old Brahmaputra	SW225	Jamalpur	30-Aug-04	13.95
Old Brahmaputra	SW225	Jamalpur	31-Aug-04	14.4
Old Brahmaputra	SW225	Jamalpur	01-Sep-04	14.684
Old Brahmaputra	SW225	Jamalpur	02-Sep-04	14.762
Old Brahmaputra	SW225	Jamalpur	03-Sep-04	14.83
Old Brahmaputra	SW225	Jamalpur	04-Sep-04	14.838
Old Brahmaputra	SW225	Jamalpur	05-Sep-04	14.85
Old Brahmaputra	SW225	Jamalpur	06-Sep-04	14.81
Old Brahmaputra	SW225	Jamalpur	07-Sep-04	14.78
Old Brahmaputra	SW225	Jamalpur	08-Sep-04	14.78
Old Brahmaputra	SW225	Jamalpur	09-Sep-04	14.798
Old Brahmaputra	SW225	Jamalpur	10-Sep-04	14.908
Old Brahmaputra	SW225	Jamalpur	11-Sep-04	15.272
Old Brahmaputra	SW225	Jamalpur	12-Sep-04	15.384
Old Brahmaputra	SW225	Jamalpur	13-Sep-04	15.472
Old Brahmaputra	SW225	Jamalpur	14-Sep-04	15.3
Old Brahmaputra	SW225	Jamalpur	15-Sep-04	15
Old Brahmaputra	SW225	Jamalpur	16-Sep-04	14.698
Old Brahmaputra	SW225	Jamalpur	17-Sep-04	14.518
Old Brahmaputra	SW225	Jamalpur	18-Sep-04	14.226
Old Brahmaputra	SW225	Jamalpur	19-Sep-04	13.75
Old Brahmaputra	SW225	Jamalpur	20-Sep-04	13.452
Old Brahmaputra	SW225	Jamalpur	21-Sep-04	13.298
Old Brahmaputra	SW225	Jamalpur	22-Sep-04	13.192
Old Brahmaputra	SW225	Jamalpur	23-Sep-04	13.142
Old Brahmaputra	SW225	Jamalpur	24-Sep-04	13.08
Old Brahmaputra	SW225	Jamalpur	25-Sep-04	13.346
Old Brahmaputra	SW225	Jamalpur	26-Sep-04	13.466

Old Brahmaputra	SW225	Jamalpur	27-Sep-04	13.668
Old Brahmaputra	SW225	Jamalpur	28-Sep-04	13.76
Old Brahmaputra	SW225	Jamalpur	29-Sep-04	13.666
Old Brahmaputra	SW225	Jamalpur	30-Sep-04	13.55
Old Brahmaputra	SW225	Jamalpur	01-Oct-04	13.458
Old Brahmaputra	SW225	Jamalpur	02-Oct-04	13.46
Old Brahmaputra	SW225	Jamalpur	03-Oct-04	13.45
Old Brahmaputra	SW225	Jamalpur	04-Oct-04	13.448
Old Brahmaputra	SW225	Jamalpur	05-Oct-04	13.46
Old Brahmaputra	SW225	Jamalpur	06-Oct-04	13.618
Old Brahmaputra	SW225	Jamalpur	07-Oct-04	13.63
Old Brahmaputra	SW225	Jamalpur	08-Oct-04	13.72
Old Brahmaputra	SW225	Jamalpur	09-Oct-04	14.208
Old Brahmaputra	SW225	Jamalpur	10-Oct-04	14.782
Old Brahmaputra	SW225	Jamalpur	11-Oct-04	15.634
Old Brahmaputra	SW225	Jamalpur	12-Oct-04	15.838
Old Brahmaputra	SW225	Jamalpur	13-Oct-04	15.716
Old Brahmaputra	SW225	Jamalpur	14-Oct-04	15.546
Old Brahmaputra	SW225	Jamalpur	15-Oct-04	15.372
Old Brahmaputra	SW225	Jamalpur	16-Oct-04	15.114
Old Brahmaputra	SW225	Jamalpur	17-Oct-04	14.594
Old Brahmaputra	SW225	Jamalpur	18-Oct-04	14.288
Old Brahmaputra	SW225	Jamalpur	19-Oct-04	14.068
Old Brahmaputra	SW225	Jamalpur	20-Oct-04	13.796
Old Brahmaputra	SW225	Jamalpur	21-Oct-04	13.474
Old Brahmaputra	SW225	Jamalpur	22-Oct-04	13.174
Old Brahmaputra	SW225	Jamalpur	23-Oct-04	12.892
Old Brahmaputra	SW225	Jamalpur	24-Oct-04	12.686
Old Brahmaputra	SW225	Jamalpur	25-Oct-04	12.546
Old Brahmaputra	SW225	Jamalpur	26-Oct-04	12.46
Old Brahmaputra	SW225	Jamalpur	27-Oct-04	12.386
Old Brahmaputra	SW225	Jamalpur	28-Oct-04	12.292
Old Brahmaputra	SW225	Jamalpur	29-Oct-04	12.206
Old Brahmaputra	SW225	Jamalpur	30-Oct-04	12.086
Old Brahmaputra	SW225	Jamalpur	31-Oct-04	12.012
Old Brahmaputra	SW225	Jamalpur	01-Nov-04	11.98
Old Brahmaputra	SW225	Jamalpur	02-Nov-04	11.958
Old Brahmaputra	SW225	Jamalpur	03-Nov-04	11.922
Old Brahmaputra	SW225	Jamalpur	04-Nov-04	11.87
Old Brahmaputra	SW225	Jamalpur	05-Nov-04	11.826
Old Brahmaputra	SW225	Jamalpur	06-Nov-04	11.818
Old Brahmaputra	SW225	Jamalpur	07-Nov-04	11.8
Old Brahmaputra	SW225	Jamalpur	08-Nov-04	11.79
Old Brahmaputra	SW225	Jamalpur	09-Nov-04	11.772
Old Brahmaputra	SW225	Jamalpur	10-Nov-04	11.748
Old Brahmaputra	SW225	Jamalpur	11-Nov-04	11.73
Old Brahmaputra	SW225	Jamalpur	12-Nov-04	11.718
Old Brahmaputra	SW225	Jamalpur	13-Nov-04	11.7
Old Brahmaputra	SW225	Jamalpur	14-Nov-04	11.686
Old Brahmaputra	SW225	Jamalpur	15-Nov-04	11.666

Old Brahmaputra	SW225	Jamalpur	16-Nov-04	11.65
Old Brahmaputra	SW225	Jamalpur	17-Nov-04	11.65
Old Brahmaputra	SW225	Jamalpur	18-Nov-04	11.64
Old Brahmaputra	SW225	Jamalpur	19-Nov-04	11.626
Old Brahmaputra	SW225	Jamalpur	20-Nov-04	11.606
Old Brahmaputra	SW225	Jamalpur	21-Nov-04	11.588
Old Brahmaputra	SW225	Jamalpur	22-Nov-04	11.568
Old Brahmaputra	SW225	Jamalpur	23-Nov-04	11.56
Old Brahmaputra	SW225	Jamalpur	24-Nov-04	11.55
Old Brahmaputra	SW225	Jamalpur	25-Nov-04	11.538
Old Brahmaputra	SW225	Jamalpur	26-Nov-04	11.518
Old Brahmaputra	SW225	Jamalpur	27-Nov-04	11.5
Old Brahmaputra	SW225	Jamalpur	28-Nov-04	11.49
Old Brahmaputra	SW225	Jamalpur	29-Nov-04	11.48
Old Brahmaputra	SW225	Jamalpur	30-Nov-04	11.48
Old Brahmaputra	SW225	Jamalpur	01-Dec-04	11.47
Old Brahmaputra	SW225	Jamalpur	02-Dec-04	11.47
Old Brahmaputra	SW225	Jamalpur	03-Dec-04	11.46
Old Brahmaputra	SW225	Jamalpur	04-Dec-04	11.458
Old Brahmaputra	SW225	Jamalpur	05-Dec-04	11.45
Old Brahmaputra	SW225	Jamalpur	06-Dec-04	11.44
Old Brahmaputra	SW225	Jamalpur	07-Dec-04	11.438
Old Brahmaputra	SW225	Jamalpur	08-Dec-04	11.43
Old Brahmaputra	SW225	Jamalpur	09-Dec-04	11.42
Old Brahmaputra	SW225	Jamalpur	10-Dec-04	11.41
Old Brahmaputra	SW225	Jamalpur	11-Dec-04	11.408
Old Brahmaputra	SW225	Jamalpur	12-Dec-04	11.398
Old Brahmaputra	SW225	Jamalpur	13-Dec-04	11.39
Old Brahmaputra	SW225	Jamalpur	14-Dec-04	11.38
Old Brahmaputra	SW225	Jamalpur	15-Dec-04	11.37
Old Brahmaputra	SW225	Jamalpur	16-Dec-04	11.36
Old Brahmaputra	SW225	Jamalpur	17-Dec-04	11.36
Old Brahmaputra	SW225	Jamalpur	18-Dec-04	11.35
Old Brahmaputra	SW225	Jamalpur	19-Dec-04	11.35
Old Brahmaputra	SW225	Jamalpur	20-Dec-04	11.34
Old Brahmaputra	SW225	Jamalpur	21-Dec-04	11.34
Old Brahmaputra	SW225	Jamalpur	22-Dec-04	11.338
Old Brahmaputra	SW225	Jamalpur	23-Dec-04	11.33
Old Brahmaputra	SW225	Jamalpur	24-Dec-04	11.33
Old Brahmaputra	SW225	Jamalpur	25-Dec-04	11.33
Old Brahmaputra	SW225	Jamalpur	26-Dec-04	11.32
Old Brahmaputra	SW225	Jamalpur	27-Dec-04	11.32
Old Brahmaputra	SW225	Jamalpur	28-Dec-04	11.32
Old Brahmaputra	SW225	Jamalpur	29-Dec-04	11.32
Old Brahmaputra	SW225	Jamalpur	30-Dec-04	11.31
Old Brahmaputra	SW225	Jamalpur	31-Dec-04	11.31
Old Brahmaputra	SW225	Jamalpur	01-Jan-05	11.3
Old Brahmaputra	SW225	Jamalpur	02-Jan-05	11.3
Old Brahmaputra	SW225	Jamalpur	03-Jan-05	11.29
Old Brahmaputra	SW225	Jamalpur	04-Jan-05	11.29

Old Brahmaputra	SW225	Jamalpur	05-Jan-05	11.28
Old Brahmaputra	SW225	Jamalpur	06-Jan-05	11.28
Old Brahmaputra	SW225	Jamalpur	07-Jan-05	11.27
Old Brahmaputra	SW225	Jamalpur	08-Jan-05	11.27
Old Brahmaputra	SW225	Jamalpur	09-Jan-05	11.26
Old Brahmaputra	SW225	Jamalpur	10-Jan-05	11.26
Old Brahmaputra	SW225	Jamalpur	11-Jan-05	11.25
Old Brahmaputra	SW225	Jamalpur	12-Jan-05	11.25
Old Brahmaputra	SW225	Jamalpur	13-Jan-05	11.24
Old Brahmaputra	SW225	Jamalpur	14-Jan-05	11.23
Old Brahmaputra	SW225	Jamalpur	15-Jan-05	11.22
Old Brahmaputra	SW225	Jamalpur	16-Jan-05	11.214
Old Brahmaputra	SW225	Jamalpur	17-Jan-05	11.204
Old Brahmaputra	SW225	Jamalpur	18-Jan-05	11.2
Old Brahmaputra	SW225	Jamalpur	19-Jan-05	11.19
Old Brahmaputra	SW225	Jamalpur	20-Jan-05	11.186
Old Brahmaputra	SW225	Jamalpur	21-Jan-05	11.18
Old Brahmaputra	SW225	Jamalpur	22-Jan-05	11.17
Old Brahmaputra	SW225	Jamalpur	23-Jan-05	11.164
Old Brahmaputra	SW225	Jamalpur	24-Jan-05	11.158
Old Brahmaputra	SW225	Jamalpur	25-Jan-05	11.15
Old Brahmaputra	SW225	Jamalpur	26-Jan-05	11.15
Old Brahmaputra	SW225	Jamalpur	27-Jan-05	11.15
Old Brahmaputra	SW225	Jamalpur	28-Jan-05	11.14
Old Brahmaputra	SW225	Jamalpur	29-Jan-05	11.14
Old Brahmaputra	SW225	Jamalpur	30-Jan-05	11.14
Old Brahmaputra	SW225	Jamalpur	31-Jan-05	11.14
Old Brahmaputra	SW225	Jamalpur	01-Feb-05	11.13
Old Brahmaputra	SW225	Jamalpur	02-Feb-05	11.13
Old Brahmaputra	SW225	Jamalpur	03-Feb-05	11.13
Old Brahmaputra	SW225	Jamalpur	04-Feb-05	11.13
Old Brahmaputra	SW225	Jamalpur	05-Feb-05	11.12
Old Brahmaputra	SW225	Jamalpur	06-Feb-05	11.12
Old Brahmaputra	SW225	Jamalpur	07-Feb-05	11.1
Old Brahmaputra	SW225	Jamalpur	08-Feb-05	11.096
Old Brahmaputra	SW225	Jamalpur	09-Feb-05	11.07
Old Brahmaputra	SW225	Jamalpur	10-Feb-05	11.058
Old Brahmaputra	SW225	Jamalpur	11-Feb-05	11.04
Old Brahmaputra	SW225	Jamalpur	12-Feb-05	11.02
Old Brahmaputra	SW225	Jamalpur	13-Feb-05	11.02
Old Brahmaputra	SW225	Jamalpur	14-Feb-05	11.01
Old Brahmaputra	SW225	Jamalpur	15-Feb-05	11.01
Old Brahmaputra	SW225	Jamalpur	16-Feb-05	11.01
Old Brahmaputra	SW225	Jamalpur	17-Feb-05	11
Old Brahmaputra	SW225	Jamalpur	18-Feb-05	11
Old Brahmaputra	SW225	Jamalpur	19-Feb-05	11.016
Old Brahmaputra	SW225	Jamalpur	20-Feb-05	11
Old Brahmaputra	SW225	Jamalpur	21-Feb-05	10.98
Old Brahmaputra	SW225	Jamalpur	22-Feb-05	10.96
Old Brahmaputra	SW225	Jamalpur	23-Feb-05	10.938

Old Brahmaputra	SW225	Jamalpur	24-Feb-05	10.9
Old Brahmaputra	SW225	Jamalpur	25-Feb-05	10.876
Old Brahmaputra	SW225	Jamalpur	26-Feb-05	10.858
Old Brahmaputra	SW225	Jamalpur	27-Feb-05	10.85
Old Brahmaputra	SW225	Jamalpur	28-Feb-05	10.84
Old Brahmaputra	SW225	Jamalpur	01-Mar-05	10.84
Old Brahmaputra	SW225	Jamalpur	02-Mar-05	10.84
Old Brahmaputra	SW225	Jamalpur	03-Mar-05	10.83
Old Brahmaputra	SW225	Jamalpur	04-Mar-05	10.83
Old Brahmaputra	SW225	Jamalpur	05-Mar-05	10.83
Old Brahmaputra	SW225	Jamalpur	06-Mar-05	10.82
Old Brahmaputra	SW225	Jamalpur	07-Mar-05	10.82
Old Brahmaputra	SW225	Jamalpur	08-Mar-05	10.82
Old Brahmaputra	SW225	Jamalpur	09-Mar-05	10.81
Old Brahmaputra	SW225	Jamalpur	10-Mar-05	10.81
Old Brahmaputra	SW225	Jamalpur	11-Mar-05	10.8
Old Brahmaputra	SW225	Jamalpur	12-Mar-05	10.79
Old Brahmaputra	SW225	Jamalpur	13-Mar-05	10.79
Old Brahmaputra	SW225	Jamalpur	14-Mar-05	10.78
Old Brahmaputra	SW225	Jamalpur	15-Mar-05	10.78
Old Brahmaputra	SW225	Jamalpur	16-Mar-05	10.77
Old Brahmaputra	SW225	Jamalpur	17-Mar-05	10.77
Old Brahmaputra	SW225	Jamalpur	18-Mar-05	10.786
Old Brahmaputra	SW225	Jamalpur	19-Mar-05	10.816
Old Brahmaputra	SW225	Jamalpur	20-Mar-05	10.858
Old Brahmaputra	SW225	Jamalpur	21-Mar-05	10.932
Old Brahmaputra	SW225	Jamalpur	22-Mar-05	11.078
Old Brahmaputra	SW225	Jamalpur	23-Mar-05	11.154
Old Brahmaputra	SW225	Jamalpur	24-Mar-05	11.182
Old Brahmaputra	SW225	Jamalpur	25-Mar-05	11.218
Old Brahmaputra	SW225	Jamalpur	26-Mar-05	11.25
Old Brahmaputra	SW225	Jamalpur	27-Mar-05	11.236
Old Brahmaputra	SW225	Jamalpur	28-Mar-05	11.198
Old Brahmaputra	SW225	Jamalpur	29-Mar-05	11.172
Old Brahmaputra	SW225	Jamalpur	30-Mar-05	11.134
Old Brahmaputra	SW225	Jamalpur	31-Mar-05	11.096
Old Brahmaputra	SW225	Jamalpur	01-Apr-05	11.076
Old Brahmaputra	SW225	Jamalpur	02-Apr-05	11.056
Old Brahmaputra	SW225	Jamalpur	03-Apr-05	11.026
Old Brahmaputra	SW225	Jamalpur	04-Apr-05	10.998
Old Brahmaputra	SW225	Jamalpur	05-Apr-05	10.99
Old Brahmaputra	SW225	Jamalpur	06-Apr-05	10.98
Old Brahmaputra	SW225	Jamalpur	07-Apr-05	10.98
Old Brahmaputra	SW225	Jamalpur	08-Apr-05	10.99
Old Brahmaputra	SW225	Jamalpur	09-Apr-05	11.046
Old Brahmaputra	SW225	Jamalpur	10-Apr-05	11.142
Old Brahmaputra	SW225	Jamalpur	11-Apr-05	11.222
Old Brahmaputra	SW225	Jamalpur	12-Apr-05	11.316
Old Brahmaputra	SW225	Jamalpur	13-Apr-05	11.33
Old Brahmaputra	SW225	Jamalpur	14-Apr-05	11.306

Old Brahmaputra	SW225	Jamalpur	15-Apr-05	11.258
Old Brahmaputra	SW225	Jamalpur	16-Apr-05	11.224
Old Brahmaputra	SW225	Jamalpur	17-Apr-05	11.2
Old Brahmaputra	SW225	Jamalpur	18-Apr-05	11.2
Old Brahmaputra	SW225	Jamalpur	19-Apr-05	11.194
Old Brahmaputra	SW225	Jamalpur	20-Apr-05	11.19
Old Brahmaputra	SW225	Jamalpur	21-Apr-05	11.178
Old Brahmaputra	SW225	Jamalpur	22-Apr-05	11.152
Old Brahmaputra	SW225	Jamalpur	23-Apr-05	11.136
Old Brahmaputra	SW225	Jamalpur	24-Apr-05	11.112
Old Brahmaputra	SW225	Jamalpur	25-Apr-05	11.096
Old Brahmaputra	SW225	Jamalpur	26-Apr-05	11.092
Old Brahmaputra	SW225	Jamalpur	27-Apr-05	11.194
Old Brahmaputra	SW225	Jamalpur	28-Apr-05	11.226
Old Brahmaputra	SW225	Jamalpur	29-Apr-05	11.222
Old Brahmaputra	SW225	Jamalpur	30-Apr-05	11.154
Old Brahmaputra	SW225	Jamalpur	01-May-05	11.122
Old Brahmaputra	SW225	Jamalpur	02-May-05	11.102
Old Brahmaputra	SW225	Jamalpur	03-May-05	11.052
Old Brahmaputra	SW225	Jamalpur	04-May-05	11.014
Old Brahmaputra	SW225	Jamalpur	05-May-05	10.992
Old Brahmaputra	SW225	Jamalpur	06-May-05	11.05
Old Brahmaputra	SW225	Jamalpur	07-May-05	11.178
Old Brahmaputra	SW225	Jamalpur	08-May-05	11.238
Old Brahmaputra	SW225	Jamalpur	09-May-05	11.212
Old Brahmaputra	SW225	Jamalpur	10-May-05	11.36
Old Brahmaputra	SW225	Jamalpur	11-May-05	11.332
Old Brahmaputra	SW225	Jamalpur	12-May-05	11.274
Old Brahmaputra	SW225	Jamalpur	13-May-05	11.274
Old Brahmaputra	SW225	Jamalpur	14-May-05	11.192
Old Brahmaputra	SW225	Jamalpur	15-May-05	11.14
Old Brahmaputra	SW225	Jamalpur	16-May-05	11.092
Old Brahmaputra	SW225	Jamalpur	17-May-05	11.122
Old Brahmaputra	SW225	Jamalpur	18-May-05	11.156
Old Brahmaputra	SW225	Jamalpur	19-May-05	11.212
Old Brahmaputra	SW225	Jamalpur	20-May-05	11.332
Old Brahmaputra	SW225	Jamalpur	21-May-05	11.49
Old Brahmaputra	SW225	Jamalpur	22-May-05	11.73
Old Brahmaputra	SW225	Jamalpur	23-May-05	11.842
Old Brahmaputra	SW225	Jamalpur	24-May-05	11.948
Old Brahmaputra	SW225	Jamalpur	25-May-05	11.998
Old Brahmaputra	SW225	Jamalpur	26-May-05	12.028
Old Brahmaputra	SW225	Jamalpur	27-May-05	12.15
Old Brahmaputra	SW225	Jamalpur	28-May-05	12.26
Old Brahmaputra	SW225	Jamalpur	29-May-05	12.344
Old Brahmaputra	SW225	Jamalpur	30-May-05	12.22
Old Brahmaputra	SW225	Jamalpur	31-May-05	12.106
Old Brahmaputra	SW225	Jamalpur	01-Jun-05	11.998
Old Brahmaputra	SW225	Jamalpur	02-Jun-05	11.898
Old Brahmaputra	SW225	Jamalpur	03-Jun-05	11.842

Old Brahmaputra	SW225	Jamalpur	04-Jun-05	11.792
Old Brahmaputra	SW225	Jamalpur	05-Jun-05	11.76
Old Brahmaputra	SW225	Jamalpur	06-Jun-05	11.762
Old Brahmaputra	SW225	Jamalpur	07-Jun-05	11.798
Old Brahmaputra	SW225	Jamalpur	08-Jun-05	11.838
Old Brahmaputra	SW225	Jamalpur	09-Jun-05	11.888
Old Brahmaputra	SW225	Jamalpur	10-Jun-05	12.304
Old Brahmaputra	SW225	Jamalpur	11-Jun-05	12.454
Old Brahmaputra	SW225	Jamalpur	12-Jun-05	12.562
Old Brahmaputra	SW225	Jamalpur	13-Jun-05	12
Old Brahmaputra	SW225	Jamalpur	14-Jun-05	11.65
Old Brahmaputra	SW225	Jamalpur	15-Jun-05	11.456
Old Brahmaputra	SW225	Jamalpur	16-Jun-05	11.47
Old Brahmaputra	SW225	Jamalpur	17-Jun-05	11.458
Old Brahmaputra	SW225	Jamalpur	18-Jun-05	11.436
Old Brahmaputra	SW225	Jamalpur	19-Jun-05	11.436
Old Brahmaputra	SW225	Jamalpur	20-Jun-05	11.566
Old Brahmaputra	SW225	Jamalpur	21-Jun-05	11.66
Old Brahmaputra	SW225	Jamalpur	22-Jun-05	11.806
Old Brahmaputra	SW225	Jamalpur	23-Jun-05	12.562
Old Brahmaputra	SW225	Jamalpur	24-Jun-05	13.028
Old Brahmaputra	SW225	Jamalpur	25-Jun-05	13.81
Old Brahmaputra	SW225	Jamalpur	26-Jun-05	14.162
Old Brahmaputra	SW225	Jamalpur	27-Jun-05	13.862
Old Brahmaputra	SW225	Jamalpur	28-Jun-05	13.698
Old Brahmaputra	SW225	Jamalpur	29-Jun-05	13.54
Old Brahmaputra	SW225	Jamalpur	30-Jun-05	13.39
Old Brahmaputra	SW225	Jamalpur	01-Jul-05	13.338
Old Brahmaputra	SW225	Jamalpur	02-Jul-05	13.29
Old Brahmaputra	SW225	Jamalpur	03-Jul-05	13.188
Old Brahmaputra	SW225	Jamalpur	04-Jul-05	13.194
Old Brahmaputra	SW225	Jamalpur	05-Jul-05	13.18
Old Brahmaputra	SW225	Jamalpur	06-Jul-05	13.204
Old Brahmaputra	SW225	Jamalpur	07-Jul-05	13.246
Old Brahmaputra	SW225	Jamalpur	08-Jul-05	13.248
Old Brahmaputra	SW225	Jamalpur	09-Jul-05	13.148
Old Brahmaputra	SW225	Jamalpur	10-Jul-05	13.132
Old Brahmaputra	SW225	Jamalpur	11-Jul-05	13.136
Old Brahmaputra	SW225	Jamalpur	12-Jul-05	13.472
Old Brahmaputra	SW225	Jamalpur	13-Jul-05	14.004
Old Brahmaputra	SW225	Jamalpur	14-Jul-05	14.498
Old Brahmaputra	SW225	Jamalpur	15-Jul-05	14.916
Old Brahmaputra	SW225	Jamalpur	16-Jul-05	15.174
Old Brahmaputra	SW225	Jamalpur	17-Jul-05	15.314
Old Brahmaputra	SW225	Jamalpur	18-Jul-05	15.414
Old Brahmaputra	SW225	Jamalpur	19-Jul-05	15.448
Old Brahmaputra	SW225	Jamalpur	20-Jul-05	15.534
Old Brahmaputra	SW225	Jamalpur	21-Jul-05	15.56
Old Brahmaputra	SW225	Jamalpur	22-Jul-05	15.554
Old Brahmaputra	SW225	Jamalpur	23-Jul-05	15.52

Old Brahmaputra	SW225	Jamalpur	24-Jul-05	15.5
Old Brahmaputra	SW225	Jamalpur	25-Jul-05	15.422
Old Brahmaputra	SW225	Jamalpur	26-Jul-05	15.026
Old Brahmaputra	SW225	Jamalpur	27-Jul-05	14.852
Old Brahmaputra	SW225	Jamalpur	28-Jul-05	14.642
Old Brahmaputra	SW225	Jamalpur	29-Jul-05	14.504
Old Brahmaputra	SW225	Jamalpur	30-Jul-05	14.41
Old Brahmaputra	SW225	Jamalpur	31-Jul-05	14.232
Old Brahmaputra	SW225	Jamalpur	01-Aug-05	14.004
Old Brahmaputra	SW225	Jamalpur	02-Aug-05	13.76
Old Brahmaputra	SW225	Jamalpur	03-Aug-05	13.576
Old Brahmaputra	SW225	Jamalpur	04-Aug-05	13.404
Old Brahmaputra	SW225	Jamalpur	05-Aug-05	13.302
Old Brahmaputra	SW225	Jamalpur	06-Aug-05	13.22
Old Brahmaputra	SW225	Jamalpur	07-Aug-05	13.22
Old Brahmaputra	SW225	Jamalpur	08-Aug-05	13.264
Old Brahmaputra	SW225	Jamalpur	09-Aug-05	13.402
Old Brahmaputra	SW225	Jamalpur	10-Aug-05	13.872
Old Brahmaputra	SW225	Jamalpur	11-Aug-05	14.21
Old Brahmaputra	SW225	Jamalpur	12-Aug-05	14.468
Old Brahmaputra	SW225	Jamalpur	13-Aug-05	14.716
Old Brahmaputra	SW225	Jamalpur	14-Aug-05	14.754
Old Brahmaputra	SW225	Jamalpur	15-Aug-05	14.784
Old Brahmaputra	SW225	Jamalpur	16-Aug-05	14.826
Old Brahmaputra	SW225	Jamalpur	17-Aug-05	14.85
Old Brahmaputra	SW225	Jamalpur	18-Aug-05	14.876
Old Brahmaputra	SW225	Jamalpur	19-Aug-05	14.862
Old Brahmaputra	SW225	Jamalpur	20-Aug-05	14.71
Old Brahmaputra	SW225	Jamalpur	21-Aug-05	14.468
Old Brahmaputra	SW225	Jamalpur	22-Aug-05	14.334
Old Brahmaputra	SW225	Jamalpur	23-Aug-05	14.238
Old Brahmaputra	SW225	Jamalpur	24-Aug-05	14.146
Old Brahmaputra	SW225	Jamalpur	25-Aug-05	14.056
Old Brahmaputra	SW225	Jamalpur	26-Aug-05	14.052
Old Brahmaputra	SW225	Jamalpur	27-Aug-05	14.502
Old Brahmaputra	SW225	Jamalpur	28-Aug-05	14.746
Old Brahmaputra	SW225	Jamalpur	29-Aug-05	14.978
Old Brahmaputra	SW225	Jamalpur	30-Aug-05	15.282
Old Brahmaputra	SW225	Jamalpur	31-Aug-05	15.488
Old Brahmaputra	SW225	Jamalpur	01-Sep-05	15.54
Old Brahmaputra	SW225	Jamalpur	02-Sep-05	15.514
Old Brahmaputra	SW225	Jamalpur	03-Sep-05	15.426
Old Brahmaputra	SW225	Jamalpur	04-Sep-05	15.272
Old Brahmaputra	SW225	Jamalpur	05-Sep-05	15.156
Old Brahmaputra	SW225	Jamalpur	06-Sep-05	15.012
Old Brahmaputra	SW225	Jamalpur	07-Sep-05	14.866
Old Brahmaputra	SW225	Jamalpur	08-Sep-05	14.692
Old Brahmaputra	SW225	Jamalpur	09-Sep-05	14.382
Old Brahmaputra	SW225	Jamalpur	10-Sep-05	14.214
Old Brahmaputra	SW225	Jamalpur	11-Sep-05	14.054

Old Brahmaputra	SW225	Jamalpur	12-Sep-05	13.834
Old Brahmaputra	SW225	Jamalpur	13-Sep-05	13.454
Old Brahmaputra	SW225	Jamalpur	14-Sep-05	13.262
Old Brahmaputra	SW225	Jamalpur	15-Sep-05	13.068
Old Brahmaputra	SW225	Jamalpur	16-Sep-05	12.904
Old Brahmaputra	SW225	Jamalpur	17-Sep-05	12.712
Old Brahmaputra	SW225	Jamalpur	18-Sep-05	12.456
Old Brahmaputra	SW225	Jamalpur	19-Sep-05	12.216
Old Brahmaputra	SW225	Jamalpur	20-Sep-05	12.014
Old Brahmaputra	SW225	Jamalpur	21-Sep-05	11.892
Old Brahmaputra	SW225	Jamalpur	22-Sep-05	11.754
Old Brahmaputra	SW225	Jamalpur	23-Sep-05	11.67
Old Brahmaputra	SW225	Jamalpur	24-Sep-05	11.894
Old Brahmaputra	SW225	Jamalpur	25-Sep-05	12.234
Old Brahmaputra	SW225	Jamalpur	26-Sep-05	12.29
Old Brahmaputra	SW225	Jamalpur	27-Sep-05	12.246
Old Brahmaputra	SW225	Jamalpur	28-Sep-05	12.24
Old Brahmaputra	SW225	Jamalpur	29-Sep-05	12.456
Old Brahmaputra	SW225	Jamalpur	30-Sep-05	12.726
Old Brahmaputra	SW225	Jamalpur	01-Oct-05	12.93
Old Brahmaputra	SW225	Jamalpur	02-Oct-05	12.864
Old Brahmaputra	SW225	Jamalpur	03-Oct-05	12.746
Old Brahmaputra	SW225	Jamalpur	04-Oct-05	12.59
Old Brahmaputra	SW225	Jamalpur	05-Oct-05	12.522
Old Brahmaputra	SW225	Jamalpur	06-Oct-05	12.886
Old Brahmaputra	SW225	Jamalpur	07-Oct-05	13.25
Old Brahmaputra	SW225	Jamalpur	08-Oct-05	13.53
Old Brahmaputra	SW225	Jamalpur	09-Oct-05	14.028
Old Brahmaputra	SW225	Jamalpur	10-Oct-05	13.942
Old Brahmaputra	SW225	Jamalpur	11-Oct-05	13.796
Old Brahmaputra	SW225	Jamalpur	12-Oct-05	13.54
Old Brahmaputra	SW225	Jamalpur	13-Oct-05	13.276
Old Brahmaputra	SW225	Jamalpur	14-Oct-05	12.984
Old Brahmaputra	SW225	Jamalpur	15-Oct-05	12.804
Old Brahmaputra	SW225	Jamalpur	16-Oct-05	12.63
Old Brahmaputra	SW225	Jamalpur	17-Oct-05	12.43
Old Brahmaputra	SW225	Jamalpur	18-Oct-05	12.192
Old Brahmaputra	SW225	Jamalpur	19-Oct-05	12.038
Old Brahmaputra	SW225	Jamalpur	20-Oct-05	11.98
Old Brahmaputra	SW225	Jamalpur	21-Oct-05	12.26
Old Brahmaputra	SW225	Jamalpur	22-Oct-05	12.522
Old Brahmaputra	SW225	Jamalpur	23-Oct-05	12.778
Old Brahmaputra	SW225	Jamalpur	24-Oct-05	12.868
Old Brahmaputra	SW225	Jamalpur	25-Oct-05	12.924
Old Brahmaputra	SW225	Jamalpur	26-Oct-05	12.938
Old Brahmaputra	SW225	Jamalpur	27-Oct-05	12.87
Old Brahmaputra	SW225	Jamalpur	28-Oct-05	12.646
Old Brahmaputra	SW225	Jamalpur	29-Oct-05	12.308
Old Brahmaputra	SW225	Jamalpur	30-Oct-05	12.164
Old Brahmaputra	SW225	Jamalpur	31-Oct-05	12.06

Old Brahmaputra	SW225	Jamalpur	01-Nov-05	12.02
Old Brahmaputra	SW225	Jamalpur	02-Nov-05	11.998
Old Brahmaputra	SW225	Jamalpur	03-Nov-05	11.972
Old Brahmaputra	SW225	Jamalpur	04-Nov-05	11.95
Old Brahmaputra	SW225	Jamalpur	05-Nov-05	11.928
Old Brahmaputra	SW225	Jamalpur	06-Nov-05	11.92
Old Brahmaputra	SW225	Jamalpur	07-Nov-05	11.9
Old Brahmaputra	SW225	Jamalpur	08-Nov-05	11.88
Old Brahmaputra	SW225	Jamalpur	09-Nov-05	11.866
Old Brahmaputra	SW225	Jamalpur	10-Nov-05	11.85
Old Brahmaputra	SW225	Jamalpur	11-Nov-05	11.834
Old Brahmaputra	SW225	Jamalpur	12-Nov-05	11.82
Old Brahmaputra	SW225	Jamalpur	13-Nov-05	11.8
Old Brahmaputra	SW225	Jamalpur	14-Nov-05	11.79
Old Brahmaputra	SW225	Jamalpur	15-Nov-05	11.77
Old Brahmaputra	SW225	Jamalpur	16-Nov-05	11.77
Old Brahmaputra	SW225	Jamalpur	17-Nov-05	11.75
Old Brahmaputra	SW225	Jamalpur	18-Nov-05	11.744
Old Brahmaputra	SW225	Jamalpur	19-Nov-05	11.73
Old Brahmaputra	SW225	Jamalpur	20-Nov-05	11.724
Old Brahmaputra	SW225	Jamalpur	21-Nov-05	11.72
Old Brahmaputra	SW225	Jamalpur	22-Nov-05	11.718
Old Brahmaputra	SW225	Jamalpur	23-Nov-05	11.71
Old Brahmaputra	SW225	Jamalpur	24-Nov-05	11.71
Old Brahmaputra	SW225	Jamalpur	25-Nov-05	11.704
Old Brahmaputra	SW225	Jamalpur	26-Nov-05	11.7
Old Brahmaputra	SW225	Jamalpur	27-Nov-05	11.7
Old Brahmaputra	SW225	Jamalpur	28-Nov-05	11.69
Old Brahmaputra	SW225	Jamalpur	29-Nov-05	11.69
Old Brahmaputra	SW225	Jamalpur	30-Nov-05	11.69
Old Brahmaputra	SW225	Jamalpur	01-Dec-05	11.69
Old Brahmaputra	SW225	Jamalpur	02-Dec-05	11.69
Old Brahmaputra	SW225	Jamalpur	03-Dec-05	11.68
Old Brahmaputra	SW225	Jamalpur	04-Dec-05	11.67
Old Brahmaputra	SW225	Jamalpur	05-Dec-05	11.66
Old Brahmaputra	SW225	Jamalpur	06-Dec-05	11.656
Old Brahmaputra	SW225	Jamalpur	07-Dec-05	11.648
Old Brahmaputra	SW225	Jamalpur	08-Dec-05	11.64
Old Brahmaputra	SW225	Jamalpur	09-Dec-05	11.63
Old Brahmaputra	SW225	Jamalpur	10-Dec-05	11.63
Old Brahmaputra	SW225	Jamalpur	11-Dec-05	11.62
Old Brahmaputra	SW225	Jamalpur	12-Dec-05	11.616
Old Brahmaputra	SW225	Jamalpur	13-Dec-05	11.61
Old Brahmaputra	SW225	Jamalpur	14-Dec-05	11.608
Old Brahmaputra	SW225	Jamalpur	15-Dec-05	11.6
Old Brahmaputra	SW225	Jamalpur	16-Dec-05	11.598
Old Brahmaputra	SW225	Jamalpur	17-Dec-05	11.59
Old Brahmaputra	SW225	Jamalpur	18-Dec-05	11.59
Old Brahmaputra	SW225	Jamalpur	19-Dec-05	11.58
Old Brahmaputra	SW225	Jamalpur	20-Dec-05	11.578

Old Brahmaputra	SW225	Jamalpur	21-Dec-05	11.57
Old Brahmaputra	SW225	Jamalpur	22-Dec-05	11.55
Old Brahmaputra	SW225	Jamalpur	23-Dec-05	11.544
Old Brahmaputra	SW225	Jamalpur	24-Dec-05	11.534
Old Brahmaputra	SW225	Jamalpur	25-Dec-05	11.528
Old Brahmaputra	SW225	Jamalpur	26-Dec-05	11.514
Old Brahmaputra	SW225	Jamalpur	27-Dec-05	11.5
Old Brahmaputra	SW225	Jamalpur	28-Dec-05	11.494
Old Brahmaputra	SW225	Jamalpur	29-Dec-05	11.484
Old Brahmaputra	SW225	Jamalpur	30-Dec-05	11.484
Old Brahmaputra	SW225	Jamalpur	31-Dec-05	11.484
Old Brahmaputra	SW225	Jamalpur	01-Jan-06	11.48
Old Brahmaputra	SW225	Jamalpur	02-Jan-06	11.47
Old Brahmaputra	SW225	Jamalpur	03-Jan-06	11.47
Old Brahmaputra	SW225	Jamalpur	04-Jan-06	11.47
Old Brahmaputra	SW225	Jamalpur	05-Jan-06	11.46
Old Brahmaputra	SW225	Jamalpur	06-Jan-06	11.46
Old Brahmaputra	SW225	Jamalpur	07-Jan-06	11.46
Old Brahmaputra	SW225	Jamalpur	08-Jan-06	11.45
Old Brahmaputra	SW225	Jamalpur	09-Jan-06	11.45
Old Brahmaputra	SW225	Jamalpur	10-Jan-06	11.44
Old Brahmaputra	SW225	Jamalpur	11-Jan-06	11.44
Old Brahmaputra	SW225	Jamalpur	12-Jan-06	11.44
Old Brahmaputra	SW225	Jamalpur	13-Jan-06	11.43
Old Brahmaputra	SW225	Jamalpur	14-Jan-06	11.43
Old Brahmaputra	SW225	Jamalpur	15-Jan-06	11.42
Old Brahmaputra	SW225	Jamalpur	16-Jan-06	11.42
Old Brahmaputra	SW225	Jamalpur	17-Jan-06	11.4
Old Brahmaputra	SW225	Jamalpur	18-Jan-06	11.4
Old Brahmaputra	SW225	Jamalpur	19-Jan-06	11.39
Old Brahmaputra	SW225	Jamalpur	20-Jan-06	11.39
Old Brahmaputra	SW225	Jamalpur	21-Jan-06	11.38
Old Brahmaputra	SW225	Jamalpur	22-Jan-06	11.37
Old Brahmaputra	SW225	Jamalpur	23-Jan-06	11.35
Old Brahmaputra	SW225	Jamalpur	24-Jan-06	11.35
Old Brahmaputra	SW225	Jamalpur	25-Jan-06	11.34
Old Brahmaputra	SW225	Jamalpur	26-Jan-06	11.33
Old Brahmaputra	SW225	Jamalpur	27-Jan-06	11.322
Old Brahmaputra	SW225	Jamalpur	28-Jan-06	11.32
Old Brahmaputra	SW225	Jamalpur	29-Jan-06	11.3
Old Brahmaputra	SW225	Jamalpur	30-Jan-06	11.3
Old Brahmaputra	SW225	Jamalpur	31-Jan-06	11.29
Old Brahmaputra	SW225	Jamalpur	01-Feb-06	11.28
Old Brahmaputra	SW225	Jamalpur	02-Feb-06	11.27
Old Brahmaputra	SW225	Jamalpur	03-Feb-06	11.25
Old Brahmaputra	SW225	Jamalpur	04-Feb-06	11.25
Old Brahmaputra	SW225	Jamalpur	05-Feb-06	11.238
Old Brahmaputra	SW225	Jamalpur	06-Feb-06	11.218
Old Brahmaputra	SW225	Jamalpur	07-Feb-06	11.204
Old Brahmaputra	SW225	Jamalpur	08-Feb-06	11.18

Old Brahmaputra	SW225	Jamalpur	09-Feb-06	11.17
Old Brahmaputra	SW225	Jamalpur	10-Feb-06	11.164
Old Brahmaputra	SW225	Jamalpur	11-Feb-06	11.148
Old Brahmaputra	SW225	Jamalpur	12-Feb-06	11.124
Old Brahmaputra	SW225	Jamalpur	13-Feb-06	11.11
Old Brahmaputra	SW225	Jamalpur	14-Feb-06	11.1
Old Brahmaputra	SW225	Jamalpur	15-Feb-06	11.09
Old Brahmaputra	SW225	Jamalpur	16-Feb-06	11.09
Old Brahmaputra	SW225	Jamalpur	17-Feb-06	11.09
Old Brahmaputra	SW225	Jamalpur	18-Feb-06	11.09
Old Brahmaputra	SW225	Jamalpur	19-Feb-06	11.08
Old Brahmaputra	SW225	Jamalpur	20-Feb-06	11.08
Old Brahmaputra	SW225	Jamalpur	21-Feb-06	11.08
Old Brahmaputra	SW225	Jamalpur	22-Feb-06	11.08
Old Brahmaputra	SW225	Jamalpur	23-Feb-06	11.09
Old Brahmaputra	SW225	Jamalpur	24-Feb-06	11.09
Old Brahmaputra	SW225	Jamalpur	25-Feb-06	11.09
Old Brahmaputra	SW225	Jamalpur	26-Feb-06	11.1
Old Brahmaputra	SW225	Jamalpur	27-Feb-06	11.1
Old Brahmaputra	SW225	Jamalpur	28-Feb-06	11.1
Old Brahmaputra	SW225	Jamalpur	01-Mar-06	9.06
Old Brahmaputra	SW225	Jamalpur	02-Mar-06	11.1
Old Brahmaputra	SW225	Jamalpur	03-Mar-06	11.08
Old Brahmaputra	SW225	Jamalpur	04-Mar-06	11.08
Old Brahmaputra	SW225	Jamalpur	05-Mar-06	11.07
Old Brahmaputra	SW225	Jamalpur	06-Mar-06	11.064
Old Brahmaputra	SW225	Jamalpur	07-Mar-06	11.056
Old Brahmaputra	SW225	Jamalpur	08-Mar-06	11.05
Old Brahmaputra	SW225	Jamalpur	09-Mar-06	11.05
Old Brahmaputra	SW225	Jamalpur	10-Mar-06	11.05
Old Brahmaputra	SW225	Jamalpur	11-Mar-06	11.05
Old Brahmaputra	SW225	Jamalpur	12-Mar-06	11.04
Old Brahmaputra	SW225	Jamalpur	13-Mar-06	11.04
Old Brahmaputra	SW225	Jamalpur	14-Mar-06	11.03
Old Brahmaputra	SW225	Jamalpur	15-Mar-06	11.03
Old Brahmaputra	SW225	Jamalpur	16-Mar-06	11.02
Old Brahmaputra	SW225	Jamalpur	17-Mar-06	11.02
Old Brahmaputra	SW225	Jamalpur	18-Mar-06	11.01
Old Brahmaputra	SW225	Jamalpur	19-Mar-06	11.01
Old Brahmaputra	SW225	Jamalpur	20-Mar-06	11
Old Brahmaputra	SW225	Jamalpur	21-Mar-06	11
Old Brahmaputra	SW225	Jamalpur	22-Mar-06	10.99
Old Brahmaputra	SW225	Jamalpur	23-Mar-06	10.98
Old Brahmaputra	SW225	Jamalpur	24-Mar-06	10.978
Old Brahmaputra	SW225	Jamalpur	25-Mar-06	10.968
Old Brahmaputra	SW225	Jamalpur	26-Mar-06	10.96
Old Brahmaputra	SW225	Jamalpur	27-Mar-06	10.95
Old Brahmaputra	SW225	Jamalpur	28-Mar-06	10.95
Old Brahmaputra	SW225	Jamalpur	29-Mar-06	10.94
Old Brahmaputra	SW225	Jamalpur	30-Mar-06	10.94

Old Brahmaputra	SW225	Jamalpur	31-Mar-06	10.94
Old Brahmaputra	SW225	Jamalpur	01-Apr-06	10.93
Old Brahmaputra	SW225	Jamalpur	02-Apr-06	10.92
Old Brahmaputra	SW225	Jamalpur	03-Apr-06	10.91
Old Brahmaputra	SW225	Jamalpur	04-Apr-06	10.942
Old Brahmaputra	SW225	Jamalpur	05-Apr-06	11.044
Old Brahmaputra	SW225	Jamalpur	06-Apr-06	11.196
Old Brahmaputra	SW225	Jamalpur	07-Apr-06	11.264
Old Brahmaputra	SW225	Jamalpur	08-Apr-06	11.3
Old Brahmaputra	SW225	Jamalpur	09-Apr-06	11.254
Old Brahmaputra	SW225	Jamalpur	10-Apr-06	11.2
Old Brahmaputra	SW225	Jamalpur	11-Apr-06	11.154
Old Brahmaputra	SW225	Jamalpur	12-Apr-06	11.144
Old Brahmaputra	SW225	Jamalpur	13-Apr-06	11.208
Old Brahmaputra	SW225	Jamalpur	14-Apr-06	11.238
Old Brahmaputra	SW225	Jamalpur	15-Apr-06	11.25
Old Brahmaputra	SW225	Jamalpur	16-Apr-06	11.27
Old Brahmaputra	SW225	Jamalpur	17-Apr-06	11.252
Old Brahmaputra	SW225	Jamalpur	18-Apr-06	11.224
Old Brahmaputra	SW225	Jamalpur	19-Apr-06	11.2
Old Brahmaputra	SW225	Jamalpur	20-Apr-06	11.19
Old Brahmaputra	SW225	Jamalpur	21-Apr-06	11.18
Old Brahmaputra	SW225	Jamalpur	22-Apr-06	11.158
Old Brahmaputra	SW225	Jamalpur	23-Apr-06	11.138
Old Brahmaputra	SW225	Jamalpur	24-Apr-06	11.13
Old Brahmaputra	SW225	Jamalpur	25-Apr-06	11.132
Old Brahmaputra	SW225	Jamalpur	26-Apr-06	11.162
Old Brahmaputra	SW225	Jamalpur	27-Apr-06	11.174
Old Brahmaputra	SW225	Jamalpur	28-Apr-06	11.18
Old Brahmaputra	SW225	Jamalpur	29-Apr-06	11.2
Old Brahmaputra	SW225	Jamalpur	30-Apr-06	11.2
Old Brahmaputra	SW225	Jamalpur	01-May-06	11.2
Old Brahmaputra	SW225	Jamalpur	02-May-06	11.2
Old Brahmaputra	SW225	Jamalpur	03-May-06	11.2
Old Brahmaputra	SW225	Jamalpur	04-May-06	11.2
Old Brahmaputra	SW225	Jamalpur	05-May-06	11.2
Old Brahmaputra	SW225	Jamalpur	06-May-06	11.214
Old Brahmaputra	SW225	Jamalpur	07-May-06	11.304
Old Brahmaputra	SW225	Jamalpur	08-May-06	11.64
Old Brahmaputra	SW225	Jamalpur	09-May-06	11.78
Old Brahmaputra	SW225	Jamalpur	10-May-06	11.714
Old Brahmaputra	SW225	Jamalpur	11-May-06	11.68
Old Brahmaputra	SW225	Jamalpur	12-May-06	11.688
Old Brahmaputra	SW225	Jamalpur	13-May-06	11.796
Old Brahmaputra	SW225	Jamalpur	14-May-06	11.95
Old Brahmaputra	SW225	Jamalpur	15-May-06	11.972
Old Brahmaputra	SW225	Jamalpur	16-May-06	11.908
Old Brahmaputra	SW225	Jamalpur	17-May-06	11.864
Old Brahmaputra	SW225	Jamalpur	18-May-06	11.85
Old Brahmaputra	SW225	Jamalpur	19-May-06	11.836

Old Brahmaputra	SW225	Jamalpur	20-May-06	11.8
Old Brahmaputra	SW225	Jamalpur	21-May-06	11.806
Old Brahmaputra	SW225	Jamalpur	22-May-06	11.884
Old Brahmaputra	SW225	Jamalpur	23-May-06	12.01
Old Brahmaputra	SW225	Jamalpur	24-May-06	12.106
Old Brahmaputra	SW225	Jamalpur	25-May-06	12.076
Old Brahmaputra	SW225	Jamalpur	26-May-06	11.904
Old Brahmaputra	SW225	Jamalpur	27-May-06	11.718
Old Brahmaputra	SW225	Jamalpur	28-May-06	11.958
Old Brahmaputra	SW225	Jamalpur	29-May-06	12.312
Old Brahmaputra	SW225	Jamalpur	30-May-06	12.55
Old Brahmaputra	SW225	Jamalpur	31-May-06	12.75
Old Brahmaputra	SW225	Jamalpur	01-Jun-06	12.858
Old Brahmaputra	SW225	Jamalpur	02-Jun-06	12.9
Old Brahmaputra	SW225	Jamalpur	03-Jun-06	12.908
Old Brahmaputra	SW225	Jamalpur	04-Jun-06	13.102
Old Brahmaputra	SW225	Jamalpur	05-Jun-06	13.3
Old Brahmaputra	SW225	Jamalpur	06-Jun-06	13.514
Old Brahmaputra	SW225	Jamalpur	07-Jun-06	13.676
Old Brahmaputra	SW225	Jamalpur	08-Jun-06	13.596
Old Brahmaputra	SW225	Jamalpur	09-Jun-06	13.482
Old Brahmaputra	SW225	Jamalpur	10-Jun-06	13.198
Old Brahmaputra	SW225	Jamalpur	11-Jun-06	13.154
Old Brahmaputra	SW225	Jamalpur	12-Jun-06	13.306
Old Brahmaputra	SW225	Jamalpur	13-Jun-06	13.406
Old Brahmaputra	SW225	Jamalpur	14-Jun-06	13.576
Old Brahmaputra	SW225	Jamalpur	15-Jun-06	13.806
Old Brahmaputra	SW225	Jamalpur	16-Jun-06	14.322
Old Brahmaputra	SW225	Jamalpur	17-Jun-06	14.532
Old Brahmaputra	SW225	Jamalpur	18-Jun-06	14.658
Old Brahmaputra	SW225	Jamalpur	19-Jun-06	14.69
Old Brahmaputra	SW225	Jamalpur	20-Jun-06	14.476
Old Brahmaputra	SW225	Jamalpur	21-Jun-06	14.35
Old Brahmaputra	SW225	Jamalpur	22-Jun-06	14.066
Old Brahmaputra	SW225	Jamalpur	23-Jun-06	13.962
Old Brahmaputra	SW225	Jamalpur	24-Jun-06	13.886
Old Brahmaputra	SW225	Jamalpur	25-Jun-06	13.4
Old Brahmaputra	SW225	Jamalpur	26-Jun-06	13.084
Old Brahmaputra	SW225	Jamalpur	27-Jun-06	13.038
Old Brahmaputra	SW225	Jamalpur	28-Jun-06	13.05
Old Brahmaputra	SW225	Jamalpur	29-Jun-06	13.522
Old Brahmaputra	SW225	Jamalpur	30-Jun-06	13.74
Old Brahmaputra	SW225	Jamalpur	01-Jul-06	13.958
Old Brahmaputra	SW225	Jamalpur	02-Jul-06	13.994
Old Brahmaputra	SW225	Jamalpur	03-Jul-06	13.72
Old Brahmaputra	SW225	Jamalpur	04-Jul-06	13.61
Old Brahmaputra	SW225	Jamalpur	05-Jul-06	13.598
Old Brahmaputra	SW225	Jamalpur	06-Jul-06	13.542
Old Brahmaputra	SW225	Jamalpur	07-Jul-06	13.436
Old Brahmaputra	SW225	Jamalpur	08-Jul-06	13.72

Old Brahmaputra	SW225	Jamalpur	09-Jul-06	13.876
Old Brahmaputra	SW225	Jamalpur	10-Jul-06	14.048
Old Brahmaputra	SW225	Jamalpur	11-Jul-06	14.164
Old Brahmaputra	SW225	Jamalpur	12-Jul-06	14.038
Old Brahmaputra	SW225	Jamalpur	13-Jul-06	14.176
Old Brahmaputra	SW225	Jamalpur	14-Jul-06	14.362
Old Brahmaputra	SW225	Jamalpur	15-Jul-06	14.466
Old Brahmaputra	SW225	Jamalpur	16-Jul-06	14.372
Old Brahmaputra	SW225	Jamalpur	17-Jul-06	14.304
Old Brahmaputra	SW225	Jamalpur	18-Jul-06	14.34
Old Brahmaputra	SW225	Jamalpur	19-Jul-06	14.3
Old Brahmaputra	SW225	Jamalpur	20-Jul-06	14.106
Old Brahmaputra	SW225	Jamalpur	21-Jul-06	14.02
Old Brahmaputra	SW225	Jamalpur	22-Jul-06	13.984
Old Brahmaputra	SW225	Jamalpur	23-Jul-06	13.878
Old Brahmaputra	SW225	Jamalpur	24-Jul-06	13.804
Old Brahmaputra	SW225	Jamalpur	25-Jul-06	13.856
Old Brahmaputra	SW225	Jamalpur	26-Jul-06	13.96
Old Brahmaputra	SW225	Jamalpur	27-Jul-06	14.25
Old Brahmaputra	SW225	Jamalpur	28-Jul-06	14.468
Old Brahmaputra	SW225	Jamalpur	29-Jul-06	14.536
Old Brahmaputra	SW225	Jamalpur	30-Jul-06	14.536
Old Brahmaputra	SW225	Jamalpur	31-Jul-06	14.512
Old Brahmaputra	SW225	Jamalpur	01-Aug-06	14.39
Old Brahmaputra	SW225	Jamalpur	02-Aug-06	14.086
Old Brahmaputra	SW225	Jamalpur	03-Aug-06	13.834
Old Brahmaputra	SW225	Jamalpur	04-Aug-06	13.682
Old Brahmaputra	SW225	Jamalpur	05-Aug-06	13.526
Old Brahmaputra	SW225	Jamalpur	06-Aug-06	13.424
Old Brahmaputra	SW225	Jamalpur	07-Aug-06	13.354
Old Brahmaputra	SW225	Jamalpur	08-Aug-06	13.268
Old Brahmaputra	SW225	Jamalpur	09-Aug-06	13.184
Old Brahmaputra	SW225	Jamalpur	10-Aug-06	13.104
Old Brahmaputra	SW225	Jamalpur	11-Aug-06	13.024
Old Brahmaputra	SW225	Jamalpur	12-Aug-06	12.92
Old Brahmaputra	SW225	Jamalpur	13-Aug-06	12.842
Old Brahmaputra	SW225	Jamalpur	14-Aug-06	12.778
Old Brahmaputra	SW225	Jamalpur	15-Aug-06	12.698
Old Brahmaputra	SW225	Jamalpur	16-Aug-06	12.672
Old Brahmaputra	SW225	Jamalpur	17-Aug-06	12.624
Old Brahmaputra	SW225	Jamalpur	18-Aug-06	12.552
Old Brahmaputra	SW225	Jamalpur	19-Aug-06	12.476
Old Brahmaputra	SW225	Jamalpur	20-Aug-06	12.412
Old Brahmaputra	SW225	Jamalpur	21-Aug-06	12.354
Old Brahmaputra	SW225	Jamalpur	22-Aug-06	12.32
Old Brahmaputra	SW225	Jamalpur	23-Aug-06	12.312
Old Brahmaputra	SW225	Jamalpur	24-Aug-06	12.292
Old Brahmaputra	SW225	Jamalpur	25-Aug-06	12.304
Old Brahmaputra	SW225	Jamalpur	26-Aug-06	12.408
Old Brahmaputra	SW225	Jamalpur	27-Aug-06	12.446

Old Brahmaputra	SW225	Jamalpur	28-Aug-06	12.466
Old Brahmaputra	SW225	Jamalpur	29-Aug-06	12.382
Old Brahmaputra	SW225	Jamalpur	30-Aug-06	12.362
Old Brahmaputra	SW225	Jamalpur	31-Aug-06	12.668
Old Brahmaputra	SW225	Jamalpur	01-Sep-06	12.898
Old Brahmaputra	SW225	Jamalpur	02-Sep-06	13.08
Old Brahmaputra	SW225	Jamalpur	03-Sep-06	13.078
Old Brahmaputra	SW225	Jamalpur	04-Sep-06	13.042
Old Brahmaputra	SW225	Jamalpur	05-Sep-06	12.964
Old Brahmaputra	SW225	Jamalpur	06-Sep-06	12.896
Old Brahmaputra	SW225	Jamalpur	07-Sep-06	12.836
Old Brahmaputra	SW225	Jamalpur	08-Sep-06	12.728
Old Brahmaputra	SW225	Jamalpur	09-Sep-06	12.524
Old Brahmaputra	SW225	Jamalpur	10-Sep-06	12.416
Old Brahmaputra	SW225	Jamalpur	11-Sep-06	12.398
Old Brahmaputra	SW225	Jamalpur	12-Sep-06	13.078
Old Brahmaputra	SW225	Jamalpur	13-Sep-06	13.154
Old Brahmaputra	SW225	Jamalpur	14-Sep-06	13.232
Old Brahmaputra	SW225	Jamalpur	15-Sep-06	13.582
Old Brahmaputra	SW225	Jamalpur	16-Sep-06	14.126
Old Brahmaputra	SW225	Jamalpur	17-Sep-06	14.228
Old Brahmaputra	SW225	Jamalpur	18-Sep-06	14.344
Old Brahmaputra	SW225	Jamalpur	19-Sep-06	14.45
Old Brahmaputra	SW225	Jamalpur	20-Sep-06	14.54
Old Brahmaputra	SW225	Jamalpur	21-Sep-06	14.518
Old Brahmaputra	SW225	Jamalpur	22-Sep-06	14.316
Old Brahmaputra	SW225	Jamalpur	23-Sep-06	13.91
Old Brahmaputra	SW225	Jamalpur	24-Sep-06	13.758
Old Brahmaputra	SW225	Jamalpur	25-Sep-06	13.638
Old Brahmaputra	SW225	Jamalpur	26-Sep-06	13.536
Old Brahmaputra	SW225	Jamalpur	27-Sep-06	13.574
Old Brahmaputra	SW225	Jamalpur	28-Sep-06	13.674
Old Brahmaputra	SW225	Jamalpur	29-Sep-06	13.632
Old Brahmaputra	SW225	Jamalpur	30-Sep-06	13.034
Old Brahmaputra	SW225	Jamalpur	01-Oct-06	12.912
Old Brahmaputra	SW225	Jamalpur	02-Oct-06	12.856
Old Brahmaputra	SW225	Jamalpur	03-Oct-06	12.79
Old Brahmaputra	SW225	Jamalpur	04-Oct-06	12.78
Old Brahmaputra	SW225	Jamalpur	05-Oct-06	12.762
Old Brahmaputra	SW225	Jamalpur	06-Oct-06	12.798
Old Brahmaputra	SW225	Jamalpur	07-Oct-06	13.036
Old Brahmaputra	SW225	Jamalpur	08-Oct-06	13.156
Old Brahmaputra	SW225	Jamalpur	09-Oct-06	13.116
Old Brahmaputra	SW225	Jamalpur	10-Oct-06	12.952
Old Brahmaputra	SW225	Jamalpur	11-Oct-06	12.736
Old Brahmaputra	SW225	Jamalpur	12-Oct-06	12.684
Old Brahmaputra	SW225	Jamalpur	13-Oct-06	12.63
Old Brahmaputra	SW225	Jamalpur	14-Oct-06	12.564
Old Brahmaputra	SW225	Jamalpur	15-Oct-06	12.502
Old Brahmaputra	SW225	Jamalpur	16-Oct-06	12.43

Old Brahmaputra	SW225	Jamalpur	17-Oct-06	12.368
Old Brahmaputra	SW225	Jamalpur	18-Oct-06	12.258
Old Brahmaputra	SW225	Jamalpur	19-Oct-06	12.202
Old Brahmaputra	SW225	Jamalpur	20-Oct-06	12.152
Old Brahmaputra	SW225	Jamalpur	21-Oct-06	12.112
Old Brahmaputra	SW225	Jamalpur	22-Oct-06	12.074
Old Brahmaputra	SW225	Jamalpur	23-Oct-06	12.038
Old Brahmaputra	SW225	Jamalpur	24-Oct-06	12
Old Brahmaputra	SW225	Jamalpur	25-Oct-06	11.972
Old Brahmaputra	SW225	Jamalpur	26-Oct-06	11.946
Old Brahmaputra	SW225	Jamalpur	27-Oct-06	11.902
Old Brahmaputra	SW225	Jamalpur	28-Oct-06	11.856
Old Brahmaputra	SW225	Jamalpur	29-Oct-06	11.828
Old Brahmaputra	SW225	Jamalpur	30-Oct-06	11.796
Old Brahmaputra	SW225	Jamalpur	31-Oct-06	11.79
Old Brahmaputra	SW225	Jamalpur	01-Nov-06	11.79
Old Brahmaputra	SW225	Jamalpur	02-Nov-06	11.79
Old Brahmaputra	SW225	Jamalpur	03-Nov-06	11.78
Old Brahmaputra	SW225	Jamalpur	04-Nov-06	11.764
Old Brahmaputra	SW225	Jamalpur	05-Nov-06	11.742
Old Brahmaputra	SW225	Jamalpur	06-Nov-06	11.72
Old Brahmaputra	SW225	Jamalpur	07-Nov-06	11.71
Old Brahmaputra	SW225	Jamalpur	08-Nov-06	11.7
Old Brahmaputra	SW225	Jamalpur	09-Nov-06	11.7
Old Brahmaputra	SW225	Jamalpur	10-Nov-06	11.69
Old Brahmaputra	SW225	Jamalpur	11-Nov-06	11.68
Old Brahmaputra	SW225	Jamalpur	12-Nov-06	11.674
Old Brahmaputra	SW225	Jamalpur	13-Nov-06	11.666
Old Brahmaputra	SW225	Jamalpur	14-Nov-06	11.656
Old Brahmaputra	SW225	Jamalpur	15-Nov-06	11.65
Old Brahmaputra	SW225	Jamalpur	16-Nov-06	11.64
Old Brahmaputra	SW225	Jamalpur	17-Nov-06	11.638
Old Brahmaputra	SW225	Jamalpur	18-Nov-06	11.628
Old Brahmaputra	SW225	Jamalpur	19-Nov-06	11.618
Old Brahmaputra	SW225	Jamalpur	20-Nov-06	11.598
Old Brahmaputra	SW225	Jamalpur	21-Nov-06	11.59
Old Brahmaputra	SW225	Jamalpur	22-Nov-06	11.59
Old Brahmaputra	SW225	Jamalpur	23-Nov-06	11.578
Old Brahmaputra	SW225	Jamalpur	24-Nov-06	11.57
Old Brahmaputra	SW225	Jamalpur	25-Nov-06	11.57
Old Brahmaputra	SW225	Jamalpur	26-Nov-06	11.56
Old Brahmaputra	SW225	Jamalpur	27-Nov-06	11.56
Old Brahmaputra	SW225	Jamalpur	28-Nov-06	11.55
Old Brahmaputra	SW225	Jamalpur	29-Nov-06	11.55
Old Brahmaputra	SW225	Jamalpur	30-Nov-06	11.55
Old Brahmaputra	SW225	Jamalpur	01-Dec-06	11.54
Old Brahmaputra	SW225	Jamalpur	02-Dec-06	11.534
Old Brahmaputra	SW225	Jamalpur	03-Dec-06	11.528
Old Brahmaputra	SW225	Jamalpur	04-Dec-06	11.52
Old Brahmaputra	SW225	Jamalpur	05-Dec-06	11.514

Old Brahmaputra	SW225	Jamalpur	06-Dec-06	11.514
Old Brahmaputra	SW225	Jamalpur	07-Dec-06	11.51
Old Brahmaputra	SW225	Jamalpur	08-Dec-06	11.51
Old Brahmaputra	SW225	Jamalpur	09-Dec-06	11.508
Old Brahmaputra	SW225	Jamalpur	10-Dec-06	11.5
Old Brahmaputra	SW225	Jamalpur	11-Dec-06	11.5
Old Brahmaputra	SW225	Jamalpur	12-Dec-06	11.49
Old Brahmaputra	SW225	Jamalpur	13-Dec-06	11.48
Old Brahmaputra	SW225	Jamalpur	14-Dec-06	11.48
Old Brahmaputra	SW225	Jamalpur	15-Dec-06	11.48
Old Brahmaputra	SW225	Jamalpur	16-Dec-06	11.474
Old Brahmaputra	SW225	Jamalpur	17-Dec-06	11.47
Old Brahmaputra	SW225	Jamalpur	18-Dec-06	11.47
Old Brahmaputra	SW225	Jamalpur	19-Dec-06	11.464
Old Brahmaputra	SW225	Jamalpur	20-Dec-06	11.46
Old Brahmaputra	SW225	Jamalpur	21-Dec-06	11.46
Old Brahmaputra	SW225	Jamalpur	22-Dec-06	11.45
Old Brahmaputra	SW225	Jamalpur	23-Dec-06	11.45
Old Brahmaputra	SW225	Jamalpur	24-Dec-06	11.44
Old Brahmaputra	SW225	Jamalpur	25-Dec-06	11.44
Old Brahmaputra	SW225	Jamalpur	26-Dec-06	11.43
Old Brahmaputra	SW225	Jamalpur	27-Dec-06	11.43
Old Brahmaputra	SW225	Jamalpur	28-Dec-06	11.42
Old Brahmaputra	SW225	Jamalpur	29-Dec-06	11.42
Old Brahmaputra	SW225	Jamalpur	30-Dec-06	11.42
Old Brahmaputra	SW225	Jamalpur	31-Dec-06	11.41
Old Brahmaputra	SW225	Jamalpur	01-Jan-07	11.41
Old Brahmaputra	SW225	Jamalpur	02-Jan-07	11.41
Old Brahmaputra	SW225	Jamalpur	03-Jan-07	11.4
Old Brahmaputra	SW225	Jamalpur	04-Jan-07	11.4
Old Brahmaputra	SW225	Jamalpur	05-Jan-07	11.4
Old Brahmaputra	SW225	Jamalpur	06-Jan-07	11.39
Old Brahmaputra	SW225	Jamalpur	07-Jan-07	11.388
Old Brahmaputra	SW225	Jamalpur	08-Jan-07	11.38
Old Brahmaputra	SW225	Jamalpur	09-Jan-07	11.378
Old Brahmaputra	SW225	Jamalpur	10-Jan-07	11.37
Old Brahmaputra	SW225	Jamalpur	11-Jan-07	11.37
Old Brahmaputra	SW225	Jamalpur	12-Jan-07	11.36
Old Brahmaputra	SW225	Jamalpur	13-Jan-07	11.35
Old Brahmaputra	SW225	Jamalpur	14-Jan-07	11.348
Old Brahmaputra	SW225	Jamalpur	15-Jan-07	11.34
Old Brahmaputra	SW225	Jamalpur	16-Jan-07	11.33
Old Brahmaputra	SW225	Jamalpur	17-Jan-07	11.324
Old Brahmaputra	SW225	Jamalpur	18-Jan-07	11.32
Old Brahmaputra	SW225	Jamalpur	19-Jan-07	11.31
Old Brahmaputra	SW225	Jamalpur	20-Jan-07	11.3
Old Brahmaputra	SW225	Jamalpur	21-Jan-07	11.296
Old Brahmaputra	SW225	Jamalpur	22-Jan-07	11.29
Old Brahmaputra	SW225	Jamalpur	23-Jan-07	11.28
Old Brahmaputra	SW225	Jamalpur	24-Jan-07	11.26

Old Brahmaputra	SW225	Jamalpur	25-Jan-07	11.25
Old Brahmaputra	SW225	Jamalpur	26-Jan-07	11.23
Old Brahmaputra	SW225	Jamalpur	27-Jan-07	11.224
Old Brahmaputra	SW225	Jamalpur	28-Jan-07	11.214
Old Brahmaputra	SW225	Jamalpur	29-Jan-07	11.2
Old Brahmaputra	SW225	Jamalpur	30-Jan-07	11.188
Old Brahmaputra	SW225	Jamalpur	31-Jan-07	11.18
Old Brahmaputra	SW225	Jamalpur	01-Feb-07	11.17
Old Brahmaputra	SW225	Jamalpur	02-Feb-07	11.17
Old Brahmaputra	SW225	Jamalpur	03-Feb-07	11.164
Old Brahmaputra	SW225	Jamalpur	04-Feb-07	11.16
Old Brahmaputra	SW225	Jamalpur	05-Feb-07	11.16
Old Brahmaputra	SW225	Jamalpur	06-Feb-07	11.158
Old Brahmaputra	SW225	Jamalpur	07-Feb-07	11.15
Old Brahmaputra	SW225	Jamalpur	08-Feb-07	11.15
Old Brahmaputra	SW225	Jamalpur	09-Feb-07	11.148
Old Brahmaputra	SW225	Jamalpur	10-Feb-07	11.14
Old Brahmaputra	SW225	Jamalpur	11-Feb-07	11.14
Old Brahmaputra	SW225	Jamalpur	12-Feb-07	11.13
Old Brahmaputra	SW225	Jamalpur	13-Feb-07	11.128
Old Brahmaputra	SW225	Jamalpur	14-Feb-07	11.12
Old Brahmaputra	SW225	Jamalpur	15-Feb-07	11.12
Old Brahmaputra	SW225	Jamalpur	16-Feb-07	11.12
Old Brahmaputra	SW225	Jamalpur	17-Feb-07	11.13
Old Brahmaputra	SW225	Jamalpur	18-Feb-07	11.152
Old Brahmaputra	SW225	Jamalpur	19-Feb-07	11.194
Old Brahmaputra	SW225	Jamalpur	20-Feb-07	11.22
Old Brahmaputra	SW225	Jamalpur	21-Feb-07	11.208
Old Brahmaputra	SW225	Jamalpur	22-Feb-07	11.186
Old Brahmaputra	SW225	Jamalpur	23-Feb-07	11.158
Old Brahmaputra	SW225	Jamalpur	24-Feb-07	11.14
Old Brahmaputra	SW225	Jamalpur	25-Feb-07	11.12
Old Brahmaputra	SW225	Jamalpur	26-Feb-07	11.11
Old Brahmaputra	SW225	Jamalpur	27-Feb-07	11.11
Old Brahmaputra	SW225	Jamalpur	28-Feb-07	11.102
Old Brahmaputra	SW225	Jamalpur	01-Mar-07	11.1
Old Brahmaputra	SW225	Jamalpur	02-Mar-07	11.1
Old Brahmaputra	SW225	Jamalpur	03-Mar-07	11.1
Old Brahmaputra	SW225	Jamalpur	04-Mar-07	11.11
Old Brahmaputra	SW225	Jamalpur	05-Mar-07	11.11
Old Brahmaputra	SW225	Jamalpur	06-Mar-07	11.11
Old Brahmaputra	SW225	Jamalpur	07-Mar-07	11.1
Old Brahmaputra	SW225	Jamalpur	08-Mar-07	11.1
Old Brahmaputra	SW225	Jamalpur	09-Mar-07	11.09
Old Brahmaputra	SW225	Jamalpur	10-Mar-07	11.09
Old Brahmaputra	SW225	Jamalpur	11-Mar-07	11.08
Old Brahmaputra	SW225	Jamalpur	12-Mar-07	11.08
Old Brahmaputra	SW225	Jamalpur	13-Mar-07	11.07
Old Brahmaputra	SW225	Jamalpur	14-Mar-07	11.07
Old Brahmaputra	SW225	Jamalpur	15-Mar-07	11.06

Old Brahmaputra	SW225	Jamalpur	16-Mar-07	11.06
Old Brahmaputra	SW225	Jamalpur	17-Mar-07	11.05
Old Brahmaputra	SW225	Jamalpur	18-Mar-07	11.04
Old Brahmaputra	SW225	Jamalpur	19-Mar-07	11.03
Old Brahmaputra	SW225	Jamalpur	20-Mar-07	11.02
Old Brahmaputra	SW225	Jamalpur	21-Mar-07	11.01
Old Brahmaputra	SW225	Jamalpur	22-Mar-07	11.008
Old Brahmaputra	SW225	Jamalpur	23-Mar-07	10.996
Old Brahmaputra	SW225	Jamalpur	24-Mar-07	10.988
Old Brahmaputra	SW225	Jamalpur	25-Mar-07	10.98
Old Brahmaputra	SW225	Jamalpur	26-Mar-07	10.97
Old Brahmaputra	SW225	Jamalpur	27-Mar-07	10.97
Old Brahmaputra	SW225	Jamalpur	28-Mar-07	10.97
Old Brahmaputra	SW225	Jamalpur	29-Mar-07	10.96
Old Brahmaputra	SW225	Jamalpur	30-Mar-07	10.96
Old Brahmaputra	SW225	Jamalpur	31-Mar-07	10.95
Old Brahmaputra	SW225	Jamalpur	01-Apr-07	10.95
Old Brahmaputra	SW225	Jamalpur	02-Apr-07	10.94
Old Brahmaputra	SW225	Jamalpur	03-Apr-07	10.94
Old Brahmaputra	SW225	Jamalpur	04-Apr-07	10.926
Old Brahmaputra	SW225	Jamalpur	05-Apr-07	10.916
Old Brahmaputra	SW225	Jamalpur	06-Apr-07	10.9
Old Brahmaputra	SW225	Jamalpur	07-Apr-07	10.89
Old Brahmaputra	SW225	Jamalpur	08-Apr-07	10.92
Old Brahmaputra	SW225	Jamalpur	09-Apr-07	11.122
Old Brahmaputra	SW225	Jamalpur	10-Apr-07	11.22
Old Brahmaputra	SW225	Jamalpur	11-Apr-07	11.25
Old Brahmaputra	SW225	Jamalpur	12-Apr-07	11.216
Old Brahmaputra	SW225	Jamalpur	13-Apr-07	11.262
Old Brahmaputra	SW225	Jamalpur	14-Apr-07	11.328
Old Brahmaputra	SW225	Jamalpur	15-Apr-07	11.358
Old Brahmaputra	SW225	Jamalpur	16-Apr-07	11.314
Old Brahmaputra	SW225	Jamalpur	17-Apr-07	11.296
Old Brahmaputra	SW225	Jamalpur	18-Apr-07	11.254
Old Brahmaputra	SW225	Jamalpur	19-Apr-07	11.164
Old Brahmaputra	SW225	Jamalpur	20-Apr-07	11.198
Old Brahmaputra	SW225	Jamalpur	21-Apr-07	11.27
Old Brahmaputra	SW225	Jamalpur	22-Apr-07	11.354
Old Brahmaputra	SW225	Jamalpur	23-Apr-07	11.406
Old Brahmaputra	SW225	Jamalpur	24-Apr-07	11.342
Old Brahmaputra	SW225	Jamalpur	25-Apr-07	11.404
Old Brahmaputra	SW225	Jamalpur	26-Apr-07	11.554
Old Brahmaputra	SW225	Jamalpur	27-Apr-07	11.564
Old Brahmaputra	SW225	Jamalpur	28-Apr-07	11.538
Old Brahmaputra	SW225	Jamalpur	29-Apr-07	11.492
Old Brahmaputra	SW225	Jamalpur	30-Apr-07	11.446
Old Brahmaputra	SW225	Jamalpur	01-May-07	11.406
Old Brahmaputra	SW225	Jamalpur	02-May-07	11.402
Old Brahmaputra	SW225	Jamalpur	03-May-07	11.438
Old Brahmaputra	SW225	Jamalpur	04-May-07	11.484

Old Brahmaputra	SW225	Jamalpur	05-May-07	11.442
Old Brahmaputra	SW225	Jamalpur	06-May-07	11.412
Old Brahmaputra	SW225	Jamalpur	07-May-07	11.34
Old Brahmaputra	SW225	Jamalpur	08-May-07	11.248
Old Brahmaputra	SW225	Jamalpur	09-May-07	11.212
Old Brahmaputra	SW225	Jamalpur	10-May-07	11.178
Old Brahmaputra	SW225	Jamalpur	11-May-07	11.216
Old Brahmaputra	SW225	Jamalpur	12-May-07	11.258
Old Brahmaputra	SW225	Jamalpur	13-May-07	11.304
Old Brahmaputra	SW225	Jamalpur	14-May-07	11.32
Old Brahmaputra	SW225	Jamalpur	15-May-07	11.332
Old Brahmaputra	SW225	Jamalpur	16-May-07	11.36
Old Brahmaputra	SW225	Jamalpur	17-May-07	11.366
Old Brahmaputra	SW225	Jamalpur	18-May-07	11.392
Old Brahmaputra	SW225	Jamalpur	19-May-07	11.41
Old Brahmaputra	SW225	Jamalpur	20-May-07	11.42
Old Brahmaputra	SW225	Jamalpur	21-May-07	11.424
Old Brahmaputra	SW225	Jamalpur	22-May-07	11.442
Old Brahmaputra	SW225	Jamalpur	23-May-07	11.492
Old Brahmaputra	SW225	Jamalpur	24-May-07	11.68
Old Brahmaputra	SW225	Jamalpur	25-May-07	11.758
Old Brahmaputra	SW225	Jamalpur	26-May-07	11.838
Old Brahmaputra	SW225	Jamalpur	27-May-07	11.89
Old Brahmaputra	SW225	Jamalpur	28-May-07	11.948
Old Brahmaputra	SW225	Jamalpur	29-May-07	12.04
Old Brahmaputra	SW225	Jamalpur	30-May-07	12.316
Old Brahmaputra	SW225	Jamalpur	31-May-07	12.48
Old Brahmaputra	SW225	Jamalpur	01-Jun-07	12.734
Old Brahmaputra	SW225	Jamalpur	02-Jun-07	12.75
Old Brahmaputra	SW225	Jamalpur	03-Jun-07	12.736
Old Brahmaputra	SW225	Jamalpur	04-Jun-07	12.7
Old Brahmaputra	SW225	Jamalpur	05-Jun-07	12.706
Old Brahmaputra	SW225	Jamalpur	06-Jun-07	12.68
Old Brahmaputra	SW225	Jamalpur	07-Jun-07	12.586
Old Brahmaputra	SW225	Jamalpur	08-Jun-07	12.558
Old Brahmaputra	SW225	Jamalpur	09-Jun-07	12.704
Old Brahmaputra	SW225	Jamalpur	10-Jun-07	12.982
Old Brahmaputra	SW225	Jamalpur	11-Jun-07	13.782
Old Brahmaputra	SW225	Jamalpur	12-Jun-07	13.916
Old Brahmaputra	SW225	Jamalpur	13-Jun-07	13.95
Old Brahmaputra	SW225	Jamalpur	14-Jun-07	13.842
Old Brahmaputra	SW225	Jamalpur	15-Jun-07	13.792
Old Brahmaputra	SW225	Jamalpur	16-Jun-07	13.754
Old Brahmaputra	SW225	Jamalpur	17-Jun-07	13.884
Old Brahmaputra	SW225	Jamalpur	18-Jun-07	14.062
Old Brahmaputra	SW225	Jamalpur	19-Jun-07	14.232
Old Brahmaputra	SW225	Jamalpur	20-Jun-07	14.344
Old Brahmaputra	SW225	Jamalpur	21-Jun-07	14.448
Old Brahmaputra	SW225	Jamalpur	22-Jun-07	14.566
Old Brahmaputra	SW225	Jamalpur	23-Jun-07	14.862

Old Brahmaputra	SW225	Jamalpur	24-Jun-07	14.994
Old Brahmaputra	SW225	Jamalpur	25-Jun-07	15.068
Old Brahmaputra	SW225	Jamalpur	26-Jun-07	15.098
Old Brahmaputra	SW225	Jamalpur	27-Jun-07	14.88
Old Brahmaputra	SW225	Jamalpur	28-Jun-07	14.776
Old Brahmaputra	SW225	Jamalpur	29-Jun-07	14.7
Old Brahmaputra	SW225	Jamalpur	30-Jun-07	14.656
Old Brahmaputra	SW225	Jamalpur	01-Jul-07	14.592
Old Brahmaputra	SW225	Jamalpur	02-Jul-07	14.426
Old Brahmaputra	SW225	Jamalpur	03-Jul-07	14.284
Old Brahmaputra	SW225	Jamalpur	04-Jul-07	13.752
Old Brahmaputra	SW225	Jamalpur	05-Jul-07	13.568
Old Brahmaputra	SW225	Jamalpur	06-Jul-07	13.442
Old Brahmaputra	SW225	Jamalpur	07-Jul-07	13.38
Old Brahmaputra	SW225	Jamalpur	08-Jul-07	13.338
Old Brahmaputra	SW225	Jamalpur	09-Jul-07	13.262
Old Brahmaputra	SW225	Jamalpur	10-Jul-07	13.19
Old Brahmaputra	SW225	Jamalpur	11-Jul-07	13.2
Old Brahmaputra	SW225	Jamalpur	12-Jul-07	13.224
Old Brahmaputra	SW225	Jamalpur	13-Jul-07	13.262
Old Brahmaputra	SW225	Jamalpur	14-Jul-07	13.354
Old Brahmaputra	SW225	Jamalpur	15-Jul-07	13.598
Old Brahmaputra	SW225	Jamalpur	16-Jul-07	13.75
Old Brahmaputra	SW225	Jamalpur	17-Jul-07	13.752
Old Brahmaputra	SW225	Jamalpur	18-Jul-07	13.906
Old Brahmaputra	SW225	Jamalpur	19-Jul-07	14.31
Old Brahmaputra	SW225	Jamalpur	20-Jul-07	14.486
Old Brahmaputra	SW225	Jamalpur	21-Jul-07	14.684
Old Brahmaputra	SW225	Jamalpur	22-Jul-07	14.82
Old Brahmaputra	SW225	Jamalpur	23-Jul-07	14.852
Old Brahmaputra	SW225	Jamalpur	24-Jul-07	14.942
Old Brahmaputra	SW225	Jamalpur	25-Jul-07	15.116
Old Brahmaputra	SW225	Jamalpur	26-Jul-07	15.286
Old Brahmaputra	SW225	Jamalpur	27-Jul-07	15.698
Old Brahmaputra	SW225	Jamalpur	28-Jul-07	15.976
Old Brahmaputra	SW225	Jamalpur	29-Jul-07	16.366
Old Brahmaputra	SW225	Jamalpur	30-Jul-07	16.628
Old Brahmaputra	SW225	Jamalpur	31-Jul-07	16.902
Old Brahmaputra	SW225	Jamalpur	01-Aug-07	17.12
Old Brahmaputra	SW225	Jamalpur	02-Aug-07	17.232
Old Brahmaputra	SW225	Jamalpur	03-Aug-07	17.176
Old Brahmaputra	SW225	Jamalpur	04-Aug-07	17.168
Old Brahmaputra	SW225	Jamalpur	05-Aug-07	17.038
Old Brahmaputra	SW225	Jamalpur	06-Aug-07	16.964
Old Brahmaputra	SW225	Jamalpur	07-Aug-07	16.706
Old Brahmaputra	SW225	Jamalpur	08-Aug-07	16.508
Old Brahmaputra	SW225	Jamalpur	09-Aug-07	16.184
Old Brahmaputra	SW225	Jamalpur	10-Aug-07	15.96
Old Brahmaputra	SW225	Jamalpur	11-Aug-07	15.53
Old Brahmaputra	SW225	Jamalpur	12-Aug-07	15.28

Old Brahmaputra	SW225	Jamalpur	13-Aug-07	14.63
Old Brahmaputra	SW225	Jamalpur	14-Aug-07	14.4
Old Brahmaputra	SW225	Jamalpur	15-Aug-07	14.13
Old Brahmaputra	SW225	Jamalpur	16-Aug-07	14.234
Old Brahmaputra	SW225	Jamalpur	17-Aug-07	14.68
Old Brahmaputra	SW225	Jamalpur	18-Aug-07	14.87
Old Brahmaputra	SW225	Jamalpur	19-Aug-07	15.018
Old Brahmaputra	SW225	Jamalpur	20-Aug-07	15.082
Old Brahmaputra	SW225	Jamalpur	21-Aug-07	15.02
Old Brahmaputra	SW225	Jamalpur	22-Aug-07	14.964
Old Brahmaputra	SW225	Jamalpur	23-Aug-07	14.874
Old Brahmaputra	SW225	Jamalpur	24-Aug-07	14.758
Old Brahmaputra	SW225	Jamalpur	25-Aug-07	14.676
Old Brahmaputra	SW225	Jamalpur	26-Aug-07	14.584
Old Brahmaputra	SW225	Jamalpur	27-Aug-07	14.518
Old Brahmaputra	SW225	Jamalpur	28-Aug-07	14.338
Old Brahmaputra	SW225	Jamalpur	29-Aug-07	14.212
Old Brahmaputra	SW225	Jamalpur	30-Aug-07	14.096
Old Brahmaputra	SW225	Jamalpur	31-Aug-07	14.066
Old Brahmaputra	SW225	Jamalpur	01-Sep-07	13.944
Old Brahmaputra	SW225	Jamalpur	02-Sep-07	13.868
Old Brahmaputra	SW225	Jamalpur	03-Sep-07	14.378
Old Brahmaputra	SW225	Jamalpur	04-Sep-07	14.42
Old Brahmaputra	SW225	Jamalpur	05-Sep-07	14.4
Old Brahmaputra	SW225	Jamalpur	06-Sep-07	14.462
Old Brahmaputra	SW225	Jamalpur	07-Sep-07	14.688
Old Brahmaputra	SW225	Jamalpur	08-Sep-07	15.014
Old Brahmaputra	SW225	Jamalpur	09-Sep-07	16.112
Old Brahmaputra	SW225	Jamalpur	10-Sep-07	16.6
Old Brahmaputra	SW225	Jamalpur	11-Sep-07	16.756
Old Brahmaputra	SW225	Jamalpur	12-Sep-07	16.826
Old Brahmaputra	SW225	Jamalpur	13-Sep-07	16.908
Old Brahmaputra	SW225	Jamalpur	14-Sep-07	17
Old Brahmaputra	SW225	Jamalpur	15-Sep-07	17.01
Old Brahmaputra	SW225	Jamalpur	16-Sep-07	16.874
Old Brahmaputra	SW225	Jamalpur	17-Sep-07	16.726
Old Brahmaputra	SW225	Jamalpur	18-Sep-07	16.59
Old Brahmaputra	SW225	Jamalpur	19-Sep-07	16.43
Old Brahmaputra	SW225	Jamalpur	20-Sep-07	16.174
Old Brahmaputra	SW225	Jamalpur	21-Sep-07	15.986
Old Brahmaputra	SW225	Jamalpur	22-Sep-07	15.804
Old Brahmaputra	SW225	Jamalpur	23-Sep-07	15.574
Old Brahmaputra	SW225	Jamalpur	24-Sep-07	14.89
Old Brahmaputra	SW225	Jamalpur	25-Sep-07	14.582
Old Brahmaputra	SW225	Jamalpur	26-Sep-07	14.238
Old Brahmaputra	SW225	Jamalpur	27-Sep-07	13.908
Old Brahmaputra	SW225	Jamalpur	28-Sep-07	13.7
Old Brahmaputra	SW225	Jamalpur	29-Sep-07	13.598
Old Brahmaputra	SW225	Jamalpur	30-Sep-07	13.378
Old Brahmaputra	SW225	Jamalpur	01-Oct-07	13.274

Old Brahmaputra	SW225	Jamalpur	02-Oct-07	13.152
Old Brahmaputra	SW225	Jamalpur	03-Oct-07	13.08
Old Brahmaputra	SW225	Jamalpur	04-Oct-07	13.076
Old Brahmaputra	SW225	Jamalpur	05-Oct-07	13.034
Old Brahmaputra	SW225	Jamalpur	06-Oct-07	12.962
Old Brahmaputra	SW225	Jamalpur	07-Oct-07	12.884
Old Brahmaputra	SW225	Jamalpur	08-Oct-07	12.82
Old Brahmaputra	SW225	Jamalpur	09-Oct-07	12.78
Old Brahmaputra	SW225	Jamalpur	10-Oct-07	12.812
Old Brahmaputra	SW225	Jamalpur	11-Oct-07	12.814
Old Brahmaputra	SW225	Jamalpur	12-Oct-07	13.25
Old Brahmaputra	SW225	Jamalpur	13-Oct-07	13.8
Old Brahmaputra	SW225	Jamalpur	14-Oct-07	13.9
Old Brahmaputra	SW225	Jamalpur	15-Oct-07	13.626
Old Brahmaputra	SW225	Jamalpur	16-Oct-07	13.394
Old Brahmaputra	SW225	Jamalpur	17-Oct-07	13.234
Old Brahmaputra	SW225	Jamalpur	18-Oct-07	13.166
Old Brahmaputra	SW225	Jamalpur	19-Oct-07	13.134
Old Brahmaputra	SW225	Jamalpur	20-Oct-07	13.052
Old Brahmaputra	SW225	Jamalpur	21-Oct-07	12.988
Old Brahmaputra	SW225	Jamalpur	22-Oct-07	12.838
Old Brahmaputra	SW225	Jamalpur	23-Oct-07	12.786
Old Brahmaputra	SW225	Jamalpur	24-Oct-07	12.748
Old Brahmaputra	SW225	Jamalpur	25-Oct-07	12.632
Old Brahmaputra	SW225	Jamalpur	26-Oct-07	12.596
Old Brahmaputra	SW225	Jamalpur	27-Oct-07	12.544
Old Brahmaputra	SW225	Jamalpur	28-Oct-07	12.492
Old Brahmaputra	SW225	Jamalpur	29-Oct-07	12.442
Old Brahmaputra	SW225	Jamalpur	30-Oct-07	12.398
Old Brahmaputra	SW225	Jamalpur	31-Oct-07	12.37
Old Brahmaputra	SW225	Jamalpur	01-Nov-07	12.346
Old Brahmaputra	SW225	Jamalpur	02-Nov-07	12.312
Old Brahmaputra	SW225	Jamalpur	03-Nov-07	12.296
Old Brahmaputra	SW225	Jamalpur	04-Nov-07	12.272
Old Brahmaputra	SW225	Jamalpur	05-Nov-07	12.25
Old Brahmaputra	SW225	Jamalpur	06-Nov-07	12.236
Old Brahmaputra	SW225	Jamalpur	07-Nov-07	12.222
Old Brahmaputra	SW225	Jamalpur	08-Nov-07	12.2
Old Brahmaputra	SW225	Jamalpur	09-Nov-07	12.194
Old Brahmaputra	SW225	Jamalpur	10-Nov-07	12.184
Old Brahmaputra	SW225	Jamalpur	11-Nov-07	12.156
Old Brahmaputra	SW225	Jamalpur	12-Nov-07	12.136
Old Brahmaputra	SW225	Jamalpur	13-Nov-07	12.13
Old Brahmaputra	SW225	Jamalpur	14-Nov-07	12.128
Old Brahmaputra	SW225	Jamalpur	15-Nov-07	12.11
Old Brahmaputra	SW225	Jamalpur	16-Nov-07	12.11
Old Brahmaputra	SW225	Jamalpur	17-Nov-07	12.1
Old Brahmaputra	SW225	Jamalpur	18-Nov-07	12.076
Old Brahmaputra	SW225	Jamalpur	19-Nov-07	12.056
Old Brahmaputra	SW225	Jamalpur	20-Nov-07	12.03

Old Brahmaputra	SW225	Jamalpur	21-Nov-07	12.006
Old Brahmaputra	SW225	Jamalpur	22-Nov-07	12
Old Brahmaputra	SW225	Jamalpur	23-Nov-07	11.988
Old Brahmaputra	SW225	Jamalpur	24-Nov-07	11.98
Old Brahmaputra	SW225	Jamalpur	25-Nov-07	11.98
Old Brahmaputra	SW225	Jamalpur	26-Nov-07	11.97
Old Brahmaputra	SW225	Jamalpur	27-Nov-07	11.97
Old Brahmaputra	SW225	Jamalpur	28-Nov-07	11.96
Old Brahmaputra	SW225	Jamalpur	29-Nov-07	11.96
Old Brahmaputra	SW225	Jamalpur	30-Nov-07	11.95
Old Brahmaputra	SW225	Jamalpur	01-Dec-07	11.948
Old Brahmaputra	SW225	Jamalpur	02-Dec-07	11.94
Old Brahmaputra	SW225	Jamalpur	03-Dec-07	11.93
Old Brahmaputra	SW225	Jamalpur	04-Dec-07	11.92
Old Brahmaputra	SW225	Jamalpur	05-Dec-07	11.908
Old Brahmaputra	SW225	Jamalpur	06-Dec-07	11.888
Old Brahmaputra	SW225	Jamalpur	07-Dec-07	11.88
Old Brahmaputra	SW225	Jamalpur	08-Dec-07	11.87
Old Brahmaputra	SW225	Jamalpur	09-Dec-07	11.86
Old Brahmaputra	SW225	Jamalpur	10-Dec-07	11.858
Old Brahmaputra	SW225	Jamalpur	11-Dec-07	11.85
Old Brahmaputra	SW225	Jamalpur	12-Dec-07	11.84
Old Brahmaputra	SW225	Jamalpur	13-Dec-07	11.83
Old Brahmaputra	SW225	Jamalpur	14-Dec-07	11.826
Old Brahmaputra	SW225	Jamalpur	15-Dec-07	11.818
Old Brahmaputra	SW225	Jamalpur	16-Dec-07	11.808
Old Brahmaputra	SW225	Jamalpur	17-Dec-07	11.8
Old Brahmaputra	SW225	Jamalpur	18-Dec-07	11.79
Old Brahmaputra	SW225	Jamalpur	19-Dec-07	11.78
Old Brahmaputra	SW225	Jamalpur	20-Dec-07	11.776
Old Brahmaputra	SW225	Jamalpur	21-Dec-07	11.768
Old Brahmaputra	SW225	Jamalpur	22-Dec-07	11.76
Old Brahmaputra	SW225	Jamalpur	23-Dec-07	11.754
Old Brahmaputra	SW225	Jamalpur	24-Dec-07	11.742
Old Brahmaputra	SW225	Jamalpur	25-Dec-07	11.742
Old Brahmaputra	SW225	Jamalpur	26-Dec-07	11.74
Old Brahmaputra	SW225	Jamalpur	27-Dec-07	11.73
Old Brahmaputra	SW225	Jamalpur	28-Dec-07	11.726
Old Brahmaputra	SW225	Jamalpur	29-Dec-07	11.72
Old Brahmaputra	SW225	Jamalpur	30-Dec-07	11.71
Old Brahmaputra	SW225	Jamalpur	31-Dec-07	11.71
Old Brahmaputra	SW225	Jamalpur	01-Jan-08	11.7
Old Brahmaputra	SW225	Jamalpur	02-Jan-08	11.7
Old Brahmaputra	SW225	Jamalpur	03-Jan-08	11.69
Old Brahmaputra	SW225	Jamalpur	04-Jan-08	11.69
Old Brahmaputra	SW225	Jamalpur	05-Jan-08	11.68
Old Brahmaputra	SW225	Jamalpur	06-Jan-08	11.68
Old Brahmaputra	SW225	Jamalpur	07-Jan-08	11.674
Old Brahmaputra	SW225	Jamalpur	08-Jan-08	11.666
Old Brahmaputra	SW225	Jamalpur	09-Jan-08	11.654

Old Brahmaputra	SW225	Jamalpur	10-Jan-08	11.648
Old Brahmaputra	SW225	Jamalpur	11-Jan-08	11.64
Old Brahmaputra	SW225	Jamalpur	12-Jan-08	11.63
Old Brahmaputra	SW225	Jamalpur	13-Jan-08	11.63
Old Brahmaputra	SW225	Jamalpur	14-Jan-08	11.62
Old Brahmaputra	SW225	Jamalpur	15-Jan-08	11.614
Old Brahmaputra	SW225	Jamalpur	16-Jan-08	11.6
Old Brahmaputra	SW225	Jamalpur	17-Jan-08	11.596
Old Brahmaputra	SW225	Jamalpur	18-Jan-08	11.584
Old Brahmaputra	SW225	Jamalpur	19-Jan-08	11.58
Old Brahmaputra	SW225	Jamalpur	20-Jan-08	11.57
Old Brahmaputra	SW225	Jamalpur	21-Jan-08	11.566
Old Brahmaputra	SW225	Jamalpur	22-Jan-08	11.56
Old Brahmaputra	SW225	Jamalpur	23-Jan-08	11.55
Old Brahmaputra	SW225	Jamalpur	24-Jan-08	11.546
Old Brahmaputra	SW225	Jamalpur	25-Jan-08	11.538
Old Brahmaputra	SW225	Jamalpur	26-Jan-08	11.53
Old Brahmaputra	SW225	Jamalpur	27-Jan-08	11.53
Old Brahmaputra	SW225	Jamalpur	28-Jan-08	11.53
Old Brahmaputra	SW225	Jamalpur	29-Jan-08	11.52
Old Brahmaputra	SW225	Jamalpur	30-Jan-08	11.52
Old Brahmaputra	SW225	Jamalpur	31-Jan-08	11.52
Old Brahmaputra	SW225	Jamalpur	01-Feb-08	11.51
Old Brahmaputra	SW225	Jamalpur	02-Feb-08	11.51
Old Brahmaputra	SW225	Jamalpur	03-Feb-08	11.5
Old Brahmaputra	SW225	Jamalpur	04-Feb-08	11.5
Old Brahmaputra	SW225	Jamalpur	05-Feb-08	11.48
Old Brahmaputra	SW225	Jamalpur	06-Feb-08	11.468
Old Brahmaputra	SW225	Jamalpur	07-Feb-08	11.45
Old Brahmaputra	SW225	Jamalpur	08-Feb-08	11.438
Old Brahmaputra	SW225	Jamalpur	09-Feb-08	11.426
Old Brahmaputra	SW225	Jamalpur	10-Feb-08	11.414
Old Brahmaputra	SW225	Jamalpur	11-Feb-08	11.406
Old Brahmaputra	SW225	Jamalpur	12-Feb-08	11.388
Old Brahmaputra	SW225	Jamalpur	13-Feb-08	11.378
Old Brahmaputra	SW225	Jamalpur	14-Feb-08	11.364
Old Brahmaputra	SW225	Jamalpur	15-Feb-08	11.35
Old Brahmaputra	SW225	Jamalpur	16-Feb-08	11.336
Old Brahmaputra	SW225	Jamalpur	17-Feb-08	11.316
Old Brahmaputra	SW225	Jamalpur	18-Feb-08	11.306
Old Brahmaputra	SW225	Jamalpur	19-Feb-08	11.298
Old Brahmaputra	SW225	Jamalpur	20-Feb-08	11.29
Old Brahmaputra	SW225	Jamalpur	21-Feb-08	11.29
Old Brahmaputra	SW225	Jamalpur	22-Feb-08	11.28
Old Brahmaputra	SW225	Jamalpur	23-Feb-08	11.28
Old Brahmaputra	SW225	Jamalpur	24-Feb-08	11.276
Old Brahmaputra	SW225	Jamalpur	25-Feb-08	11.27
Old Brahmaputra	SW225	Jamalpur	26-Feb-08	11.27
Old Brahmaputra	SW225	Jamalpur	27-Feb-08	11.26
Old Brahmaputra	SW225	Jamalpur	28-Feb-08	11.256

Old Brahmaputra	SW225	Jamalpur	29-Feb-08	11.25
Old Brahmaputra	SW225	Jamalpur	01-Mar-08	11.24
Old Brahmaputra	SW225	Jamalpur	02-Mar-08	11.23
Old Brahmaputra	SW225	Jamalpur	03-Mar-08	11.23
Old Brahmaputra	SW225	Jamalpur	04-Mar-08	11.244
Old Brahmaputra	SW225	Jamalpur	05-Mar-08	11.282
Old Brahmaputra	SW225	Jamalpur	06-Mar-08	11.314
Old Brahmaputra	SW225	Jamalpur	07-Mar-08	11.362
Old Brahmaputra	SW225	Jamalpur	08-Mar-08	11.406
Old Brahmaputra	SW225	Jamalpur	09-Mar-08	11.44
Old Brahmaputra	SW225	Jamalpur	10-Mar-08	11.44
Old Brahmaputra	SW225	Jamalpur	11-Mar-08	11.426
Old Brahmaputra	SW225	Jamalpur	12-Mar-08	11.398
Old Brahmaputra	SW225	Jamalpur	13-Mar-08	11.38
Old Brahmaputra	SW225	Jamalpur	14-Mar-08	11.37
Old Brahmaputra	SW225	Jamalpur	15-Mar-08	11.36
Old Brahmaputra	SW225	Jamalpur	16-Mar-08	11.346
Old Brahmaputra	SW225	Jamalpur	17-Mar-08	11.318
Old Brahmaputra	SW225	Jamalpur	18-Mar-08	11.298
Old Brahmaputra	SW225	Jamalpur	19-Mar-08	11.266
Old Brahmaputra	SW225	Jamalpur	20-Mar-08	11.248
Old Brahmaputra	SW225	Jamalpur	21-Mar-08	11.274
Old Brahmaputra	SW225	Jamalpur	22-Mar-08	11.386
Old Brahmaputra	SW225	Jamalpur	23-Mar-08	11.46
Old Brahmaputra	SW225	Jamalpur	24-Mar-08	11.44
Old Brahmaputra	SW225	Jamalpur	25-Mar-08	11.44
Old Brahmaputra	SW225	Jamalpur	26-Mar-08	11.45
Old Brahmaputra	SW225	Jamalpur	27-Mar-08	11.47
Old Brahmaputra	SW225	Jamalpur	28-Mar-08	11.47
Old Brahmaputra	SW225	Jamalpur	29-Mar-08	11.46
Old Brahmaputra	SW225	Jamalpur	30-Mar-08	11.46
Old Brahmaputra	SW225	Jamalpur	31-Mar-08	11.456
Old Brahmaputra	SW225	Jamalpur	01-Apr-08	11.45
Old Brahmaputra	SW225	Jamalpur	02-Apr-08	11.438
Old Brahmaputra	SW225	Jamalpur	03-Apr-08	11.43
Old Brahmaputra	SW225	Jamalpur	04-Apr-08	11.42
Old Brahmaputra	SW225	Jamalpur	05-Apr-08	11.406
Old Brahmaputra	SW225	Jamalpur	06-Apr-08	11.402
Old Brahmaputra	SW225	Jamalpur	07-Apr-08	11.424
Old Brahmaputra	SW225	Jamalpur	08-Apr-08	11.44
Old Brahmaputra	SW225	Jamalpur	09-Apr-08	11.43
Old Brahmaputra	SW225	Jamalpur	10-Apr-08	11.418
Old Brahmaputra	SW225	Jamalpur	11-Apr-08	11.388
Old Brahmaputra	SW225	Jamalpur	12-Apr-08	11.356
Old Brahmaputra	SW225	Jamalpur	13-Apr-08	11.326
Old Brahmaputra	SW225	Jamalpur	14-Apr-08	11.308
Old Brahmaputra	SW225	Jamalpur	15-Apr-08	11.3
Old Brahmaputra	SW225	Jamalpur	16-Apr-08	11.304
Old Brahmaputra	SW225	Jamalpur	17-Apr-08	11.318
Old Brahmaputra	SW225	Jamalpur	18-Apr-08	11.308

Old Brahmaputra	SW225	Jamalpur	19-Apr-08	11.3
Old Brahmaputra	SW225	Jamalpur	20-Apr-08	11.3
Old Brahmaputra	SW225	Jamalpur	21-Apr-08	11.31
Old Brahmaputra	SW225	Jamalpur	22-Apr-08	11.32
Old Brahmaputra	SW225	Jamalpur	23-Apr-08	11.328
Old Brahmaputra	SW225	Jamalpur	24-Apr-08	11.306
Old Brahmaputra	SW225	Jamalpur	25-Apr-08	11.29
Old Brahmaputra	SW225	Jamalpur	26-Apr-08	11.284
Old Brahmaputra	SW225	Jamalpur	27-Apr-08	11.276
Old Brahmaputra	SW225	Jamalpur	28-Apr-08	11.27
Old Brahmaputra	SW225	Jamalpur	29-Apr-08	11.266
Old Brahmaputra	SW225	Jamalpur	30-Apr-08	11.25
Old Brahmaputra	SW225	Jamalpur	01-May-08	11.252
Old Brahmaputra	SW225	Jamalpur	02-May-08	11.282
Old Brahmaputra	SW225	Jamalpur	03-May-08	11.296
Old Brahmaputra	SW225	Jamalpur	04-May-08	11.386
Old Brahmaputra	SW225	Jamalpur	05-May-08	11.95
Old Brahmaputra	SW225	Jamalpur	06-May-08	12.254
Old Brahmaputra	SW225	Jamalpur	07-May-08	12.224
Old Brahmaputra	SW225	Jamalpur	08-May-08	11.954
Old Brahmaputra	SW225	Jamalpur	09-May-08	11.924
Old Brahmaputra	SW225	Jamalpur	10-May-08	11.948
Old Brahmaputra	SW225	Jamalpur	11-May-08	11.92
Old Brahmaputra	SW225	Jamalpur	12-May-08	12.014
Old Brahmaputra	SW225	Jamalpur	13-May-08	12.092
Old Brahmaputra	SW225	Jamalpur	14-May-08	12.056
Old Brahmaputra	SW225	Jamalpur	15-May-08	12.026
Old Brahmaputra	SW225	Jamalpur	16-May-08	11.984
Old Brahmaputra	SW225	Jamalpur	17-May-08	11.846
Old Brahmaputra	SW225	Jamalpur	18-May-08	11.794
Old Brahmaputra	SW225	Jamalpur	19-May-08	11.77
Old Brahmaputra	SW225	Jamalpur	20-May-08	11.764
Old Brahmaputra	SW225	Jamalpur	21-May-08	11.754
Old Brahmaputra	SW225	Jamalpur	22-May-08	11.758
Old Brahmaputra	SW225	Jamalpur	23-May-08	11.8
Old Brahmaputra	SW225	Jamalpur	24-May-08	11.86
Old Brahmaputra	SW225	Jamalpur	25-May-08	12.3
Old Brahmaputra	SW225	Jamalpur	26-May-08	12.294
Old Brahmaputra	SW225	Jamalpur	27-May-08	12.266
Old Brahmaputra	SW225	Jamalpur	28-May-08	12.25
Old Brahmaputra	SW225	Jamalpur	29-May-08	12.246
Old Brahmaputra	SW225	Jamalpur	30-May-08	12.132
Old Brahmaputra	SW225	Jamalpur	31-May-08	12.084
Old Brahmaputra	SW225	Jamalpur	01-Jun-08	12.054
Old Brahmaputra	SW225	Jamalpur	02-Jun-08	12.15
Old Brahmaputra	SW225	Jamalpur	03-Jun-08	12.642
Old Brahmaputra	SW225	Jamalpur	04-Jun-08	12.872
Old Brahmaputra	SW225	Jamalpur	05-Jun-08	12.968
Old Brahmaputra	SW225	Jamalpur	06-Jun-08	12.996
Old Brahmaputra	SW225	Jamalpur	07-Jun-08	12.892

Old Brahmaputra	SW225	Jamalpur	08-Jun-08	12.888
Old Brahmaputra	SW225	Jamalpur	09-Jun-08	12.984
Old Brahmaputra	SW225	Jamalpur	10-Jun-08	12.97
Old Brahmaputra	SW225	Jamalpur	11-Jun-08	12.738
Old Brahmaputra	SW225	Jamalpur	12-Jun-08	12.658
Old Brahmaputra	SW225	Jamalpur	13-Jun-08	12.632
Old Brahmaputra	SW225	Jamalpur	14-Jun-08	12.562
Old Brahmaputra	SW225	Jamalpur	15-Jun-08	12.622
Old Brahmaputra	SW225	Jamalpur	16-Jun-08	12.748
Old Brahmaputra	SW225	Jamalpur	17-Jun-08	13.27
Old Brahmaputra	SW225	Jamalpur	18-Jun-08	13.454
Old Brahmaputra	SW225	Jamalpur	19-Jun-08	13.508
Old Brahmaputra	SW225	Jamalpur	20-Jun-08	13.826
Old Brahmaputra	SW225	Jamalpur	21-Jun-08	13.996
Old Brahmaputra	SW225	Jamalpur	22-Jun-08	14.068
Old Brahmaputra	SW225	Jamalpur	23-Jun-08	14.16
Old Brahmaputra	SW225	Jamalpur	24-Jun-08	14.122
Old Brahmaputra	SW225	Jamalpur	25-Jun-08	14.072
Old Brahmaputra	SW225	Jamalpur	26-Jun-08	14.05
Old Brahmaputra	SW225	Jamalpur	27-Jun-08	14.042
Old Brahmaputra	SW225	Jamalpur	28-Jun-08	14.012
Old Brahmaputra	SW225	Jamalpur	29-Jun-08	14.09
Old Brahmaputra	SW225	Jamalpur	30-Jun-08	14.22
Old Brahmaputra	SW225	Jamalpur	01-Jul-08	14.224
Old Brahmaputra	SW225	Jamalpur	02-Jul-08	14.384
Old Brahmaputra	SW225	Jamalpur	03-Jul-08	14.488
Old Brahmaputra	SW225	Jamalpur	04-Jul-08	14.49
Old Brahmaputra	SW225	Jamalpur	05-Jul-08	14.506
Old Brahmaputra	SW225	Jamalpur	06-Jul-08	14.492
Old Brahmaputra	SW225	Jamalpur	07-Jul-08	14.452
Old Brahmaputra	SW225	Jamalpur	08-Jul-08	14.532
Old Brahmaputra	SW225	Jamalpur	09-Jul-08	14.6
Old Brahmaputra	SW225	Jamalpur	10-Jul-08	14.702
Old Brahmaputra	SW225	Jamalpur	11-Jul-08	14.874
Old Brahmaputra	SW225	Jamalpur	12-Jul-08	14.89
Old Brahmaputra	SW225	Jamalpur	13-Jul-08	14.808
Old Brahmaputra	SW225	Jamalpur	14-Jul-08	14.698
Old Brahmaputra	SW225	Jamalpur	15-Jul-08	14.636
Old Brahmaputra	SW225	Jamalpur	16-Jul-08	14.624
Old Brahmaputra	SW225	Jamalpur	17-Jul-08	14.638
Old Brahmaputra	SW225	Jamalpur	18-Jul-08	14.772
Old Brahmaputra	SW225	Jamalpur	19-Jul-08	14.856
Old Brahmaputra	SW225	Jamalpur	20-Jul-08	14.868
Old Brahmaputra	SW225	Jamalpur	21-Jul-08	14.952
Old Brahmaputra	SW225	Jamalpur	22-Jul-08	15.124
Old Brahmaputra	SW225	Jamalpur	23-Jul-08	15.54
Old Brahmaputra	SW225	Jamalpur	24-Jul-08	15.756
Old Brahmaputra	SW225	Jamalpur	25-Jul-08	15.85
Old Brahmaputra	SW225	Jamalpur	26-Jul-08	16.01
Old Brahmaputra	SW225	Jamalpur	27-Jul-08	16.08

Old Brahmaputra	SW225	Jamalpur	28-Jul-08	16.1
Old Brahmaputra	SW225	Jamalpur	29-Jul-08	16.09
Old Brahmaputra	SW225	Jamalpur	30-Jul-08	16.068
Old Brahmaputra	SW225	Jamalpur	31-Jul-08	15.984
Old Brahmaputra	SW225	Jamalpur	01-Aug-08	15.884
Old Brahmaputra	SW225	Jamalpur	02-Aug-08	15.824
Old Brahmaputra	SW225	Jamalpur	03-Aug-08	15.666
Old Brahmaputra	SW225	Jamalpur	04-Aug-08	15.632
Old Brahmaputra	SW225	Jamalpur	05-Aug-08	15.58
Old Brahmaputra	SW225	Jamalpur	06-Aug-08	15.482
Old Brahmaputra	SW225	Jamalpur	07-Aug-08	15.428
Old Brahmaputra	SW225	Jamalpur	08-Aug-08	15.37
Old Brahmaputra	SW225	Jamalpur	09-Aug-08	15.312
Old Brahmaputra	SW225	Jamalpur	10-Aug-08	15.226
Old Brahmaputra	SW225	Jamalpur	11-Aug-08	15.058
Old Brahmaputra	SW225	Jamalpur	12-Aug-08	14.97
Old Brahmaputra	SW225	Jamalpur	13-Aug-08	14.982
Old Brahmaputra	SW225	Jamalpur	14-Aug-08	15.09
Old Brahmaputra	SW225	Jamalpur	15-Aug-08	15.142
Old Brahmaputra	SW225	Jamalpur	16-Aug-08	15.234
Old Brahmaputra	SW225	Jamalpur	17-Aug-08	15.258
Old Brahmaputra	SW225	Jamalpur	18-Aug-08	15.35
Old Brahmaputra	SW225	Jamalpur	19-Aug-08	15.528
Old Brahmaputra	SW225	Jamalpur	20-Aug-08	15.842
Old Brahmaputra	SW225	Jamalpur	21-Aug-08	15.978
Old Brahmaputra	SW225	Jamalpur	22-Aug-08	16.034
Old Brahmaputra	SW225	Jamalpur	23-Aug-08	16.126
Old Brahmaputra	SW225	Jamalpur	24-Aug-08	16.144
Old Brahmaputra	SW225	Jamalpur	25-Aug-08	16.144
Old Brahmaputra	SW225	Jamalpur	26-Aug-08	16.088
Old Brahmaputra	SW225	Jamalpur	27-Aug-08	16.02
Old Brahmaputra	SW225	Jamalpur	28-Aug-08	16.076
Old Brahmaputra	SW225	Jamalpur	29-Aug-08	16.178
Old Brahmaputra	SW225	Jamalpur	30-Aug-08	16.238
Old Brahmaputra	SW225	Jamalpur	31-Aug-08	16.326
Old Brahmaputra	SW225	Jamalpur	01-Sep-08	16.436
Old Brahmaputra	SW225	Jamalpur	02-Sep-08	16.614
Old Brahmaputra	SW225	Jamalpur	03-Sep-08	16.62
Old Brahmaputra	SW225	Jamalpur	04-Sep-08	16.648
Old Brahmaputra	SW225	Jamalpur	05-Sep-08	16.926
Old Brahmaputra	SW225	Jamalpur	06-Sep-08	16.934
Old Brahmaputra	SW225	Jamalpur	07-Sep-08	16.942
Old Brahmaputra	SW225	Jamalpur	08-Sep-08	16.89
Old Brahmaputra	SW225	Jamalpur	09-Sep-08	16.848
Old Brahmaputra	SW225	Jamalpur	10-Sep-08	16.746
Old Brahmaputra	SW225	Jamalpur	11-Sep-08	16.642
Old Brahmaputra	SW225	Jamalpur	12-Sep-08	16.486
Old Brahmaputra	SW225	Jamalpur	13-Sep-08	16.296
Old Brahmaputra	SW225	Jamalpur	14-Sep-08	16.068
Old Brahmaputra	SW225	Jamalpur	15-Sep-08	15.846

Old Brahmaputra	SW225	Jamalpur	16-Sep-08	15.604
Old Brahmaputra	SW225	Jamalpur	17-Sep-08	15.284
Old Brahmaputra	SW225	Jamalpur	18-Sep-08	14.814
Old Brahmaputra	SW225	Jamalpur	19-Sep-08	14.268
Old Brahmaputra	SW225	Jamalpur	20-Sep-08	13.736
Old Brahmaputra	SW225	Jamalpur	21-Sep-08	13.5
Old Brahmaputra	SW225	Jamalpur	22-Sep-08	13.496
Old Brahmaputra	SW225	Jamalpur	23-Sep-08	13.478
Old Brahmaputra	SW225	Jamalpur	24-Sep-08	13.45
Old Brahmaputra	SW225	Jamalpur	25-Sep-08	13.432
Old Brahmaputra	SW225	Jamalpur	26-Sep-08	13.388
Old Brahmaputra	SW225	Jamalpur	27-Sep-08	13.358
Old Brahmaputra	SW225	Jamalpur	28-Sep-08	13.258
Old Brahmaputra	SW225	Jamalpur	29-Sep-08	13.182
Old Brahmaputra	SW225	Jamalpur	30-Sep-08	13.1
Old Brahmaputra	SW225	Jamalpur	01-Oct-08	13.002
Old Brahmaputra	SW225	Jamalpur	02-Oct-08	12.896
Old Brahmaputra	SW225	Jamalpur	03-Oct-08	12.82
Old Brahmaputra	SW225	Jamalpur	04-Oct-08	12.74
Old Brahmaputra	SW225	Jamalpur	05-Oct-08	12.684
Old Brahmaputra	SW225	Jamalpur	06-Oct-08	12.858
Old Brahmaputra	SW225	Jamalpur	07-Oct-08	12.946
Old Brahmaputra	SW225	Jamalpur	08-Oct-08	12.988
Old Brahmaputra	SW225	Jamalpur	09-Oct-08	12.982
Old Brahmaputra	SW225	Jamalpur	10-Oct-08	12.866
Old Brahmaputra	SW225	Jamalpur	11-Oct-08	12.728
Old Brahmaputra	SW225	Jamalpur	12-Oct-08	12.618
Old Brahmaputra	SW225	Jamalpur	13-Oct-08	12.522
Old Brahmaputra	SW225	Jamalpur	14-Oct-08	12.408
Old Brahmaputra	SW225	Jamalpur	15-Oct-08	12.25
Old Brahmaputra	SW225	Jamalpur	16-Oct-08	12.17
Old Brahmaputra	SW225	Jamalpur	17-Oct-08	12.1
Old Brahmaputra	SW225	Jamalpur	18-Oct-08	12.042
Old Brahmaputra	SW225	Jamalpur	19-Oct-08	12.002
Old Brahmaputra	SW225	Jamalpur	20-Oct-08	11.962
Old Brahmaputra	SW225	Jamalpur	21-Oct-08	11.938
Old Brahmaputra	SW225	Jamalpur	22-Oct-08	11.898
Old Brahmaputra	SW225	Jamalpur	23-Oct-08	11.874
Old Brahmaputra	SW225	Jamalpur	24-Oct-08	11.854
Old Brahmaputra	SW225	Jamalpur	25-Oct-08	11.85
Old Brahmaputra	SW225	Jamalpur	26-Oct-08	11.864
Old Brahmaputra	SW225	Jamalpur	27-Oct-08	11.998
Old Brahmaputra	SW225	Jamalpur	28-Oct-08	12.096
Old Brahmaputra	SW225	Jamalpur	29-Oct-08	12.116
Old Brahmaputra	SW225	Jamalpur	30-Oct-08	12.13
Old Brahmaputra	SW225	Jamalpur	31-Oct-08	12.102
Old Brahmaputra	SW225	Jamalpur	01-Nov-08	12.052
Old Brahmaputra	SW225	Jamalpur	02-Nov-08	12.012
Old Brahmaputra	SW225	Jamalpur	03-Nov-08	11.972
Old Brahmaputra	SW225	Jamalpur	04-Nov-08	11.942

Old Brahmaputra	SW225	Jamalpur	05-Nov-08	11.906
Old Brahmaputra	SW225	Jamalpur	06-Nov-08	11.882
Old Brahmaputra	SW225	Jamalpur	07-Nov-08	11.848
Old Brahmaputra	SW225	Jamalpur	08-Nov-08	11.828
Old Brahmaputra	SW225	Jamalpur	09-Nov-08	11.818
Old Brahmaputra	SW225	Jamalpur	10-Nov-08	11.8
Old Brahmaputra	SW225	Jamalpur	11-Nov-08	11.784
Old Brahmaputra	SW225	Jamalpur	12-Nov-08	11.766
Old Brahmaputra	SW225	Jamalpur	13-Nov-08	11.75
Old Brahmaputra	SW225	Jamalpur	14-Nov-08	11.738
Old Brahmaputra	SW225	Jamalpur	15-Nov-08	11.726
Old Brahmaputra	SW225	Jamalpur	16-Nov-08	11.71
Old Brahmaputra	SW225	Jamalpur	17-Nov-08	11.7
Old Brahmaputra	SW225	Jamalpur	18-Nov-08	11.69
Old Brahmaputra	SW225	Jamalpur	19-Nov-08	11.68
Old Brahmaputra	SW225	Jamalpur	20-Nov-08	11.67
Old Brahmaputra	SW225	Jamalpur	21-Nov-08	11.658
Old Brahmaputra	SW225	Jamalpur	22-Nov-08	11.644
Old Brahmaputra	SW225	Jamalpur	23-Nov-08	11.638
Old Brahmaputra	SW225	Jamalpur	24-Nov-08	11.63
Old Brahmaputra	SW225	Jamalpur	25-Nov-08	11.62
Old Brahmaputra	SW225	Jamalpur	26-Nov-08	11.61
Old Brahmaputra	SW225	Jamalpur	27-Nov-08	11.598
Old Brahmaputra	SW225	Jamalpur	28-Nov-08	11.584
Old Brahmaputra	SW225	Jamalpur	29-Nov-08	11.566
Old Brahmaputra	SW225	Jamalpur	30-Nov-08	11.556
Old Brahmaputra	SW225	Jamalpur	01-Dec-08	11.55
Old Brahmaputra	SW225	Jamalpur	02-Dec-08	11.54
Old Brahmaputra	SW225	Jamalpur	03-Dec-08	11.53
Old Brahmaputra	SW225	Jamalpur	04-Dec-08	11.52
Old Brahmaputra	SW225	Jamalpur	05-Dec-08	11.51
Old Brahmaputra	SW225	Jamalpur	06-Dec-08	11.506
Old Brahmaputra	SW225	Jamalpur	07-Dec-08	11.506
Old Brahmaputra	SW225	Jamalpur	08-Dec-08	11.5
Old Brahmaputra	SW225	Jamalpur	09-Dec-08	11.49
Old Brahmaputra	SW225	Jamalpur	10-Dec-08	11.48
Old Brahmaputra	SW225	Jamalpur	11-Dec-08	11.48
Old Brahmaputra	SW225	Jamalpur	12-Dec-08	11.47
Old Brahmaputra	SW225	Jamalpur	13-Dec-08	11.47
Old Brahmaputra	SW225	Jamalpur	14-Dec-08	11.47
Old Brahmaputra	SW225	Jamalpur	15-Dec-08	11.46
Old Brahmaputra	SW225	Jamalpur	16-Dec-08	11.46
Old Brahmaputra	SW225	Jamalpur	17-Dec-08	11.46
Old Brahmaputra	SW225	Jamalpur	18-Dec-08	11.45
Old Brahmaputra	SW225	Jamalpur	19-Dec-08	11.45
Old Brahmaputra	SW225	Jamalpur	20-Dec-08	11.44
Old Brahmaputra	SW225	Jamalpur	21-Dec-08	11.44
Old Brahmaputra	SW225	Jamalpur	22-Dec-08	11.434
Old Brahmaputra	SW225	Jamalpur	23-Dec-08	11.43
Old Brahmaputra	SW225	Jamalpur	24-Dec-08	11.428

Old Brahmaputra	SW225	Jamalpur	25-Dec-08	11.42
Old Brahmaputra	SW225	Jamalpur	26-Dec-08	11.42
Old Brahmaputra	SW225	Jamalpur	27-Dec-08	11.41
Old Brahmaputra	SW225	Jamalpur	28-Dec-08	11.41
Old Brahmaputra	SW225	Jamalpur	29-Dec-08	11.4
Old Brahmaputra	SW225	Jamalpur	30-Dec-08	11.4
Old Brahmaputra	SW225	Jamalpur	31-Dec-08	11.39
Old Brahmaputra	SW225	Jamalpur	01-Jan-09	11.39
Old Brahmaputra	SW225	Jamalpur	02-Jan-09	11.39
Old Brahmaputra	SW225	Jamalpur	03-Jan-09	11.38
Old Brahmaputra	SW225	Jamalpur	04-Jan-09	11.38
Old Brahmaputra	SW225	Jamalpur	05-Jan-09	11.38
Old Brahmaputra	SW225	Jamalpur	06-Jan-09	11.37
Old Brahmaputra	SW225	Jamalpur	07-Jan-09	11.37
Old Brahmaputra	SW225	Jamalpur	08-Jan-09	11.37
Old Brahmaputra	SW225	Jamalpur	09-Jan-09	11.36
Old Brahmaputra	SW225	Jamalpur	10-Jan-09	11.36
Old Brahmaputra	SW225	Jamalpur	11-Jan-09	11.358
Old Brahmaputra	SW225	Jamalpur	12-Jan-09	11.35
Old Brahmaputra	SW225	Jamalpur	13-Jan-09	11.35
Old Brahmaputra	SW225	Jamalpur	14-Jan-09	11.346
Old Brahmaputra	SW225	Jamalpur	15-Jan-09	11.34
Old Brahmaputra	SW225	Jamalpur	16-Jan-09	11.34
Old Brahmaputra	SW225	Jamalpur	17-Jan-09	11.34
Old Brahmaputra	SW225	Jamalpur	18-Jan-09	11.33
Old Brahmaputra	SW225	Jamalpur	19-Jan-09	11.33
Old Brahmaputra	SW225	Jamalpur	20-Jan-09	11.31
Old Brahmaputra	SW225	Jamalpur	21-Jan-09	11.306
Old Brahmaputra	SW225	Jamalpur	22-Jan-09	11.3
Old Brahmaputra	SW225	Jamalpur	23-Jan-09	11.29
Old Brahmaputra	SW225	Jamalpur	24-Jan-09	11.28
Old Brahmaputra	SW225	Jamalpur	25-Jan-09	11.27
Old Brahmaputra	SW225	Jamalpur	26-Jan-09	11.26
Old Brahmaputra	SW225	Jamalpur	27-Jan-09	11.246
Old Brahmaputra	SW225	Jamalpur	28-Jan-09	11.22
Old Brahmaputra	SW225	Jamalpur	29-Jan-09	11.208
Old Brahmaputra	SW225	Jamalpur	30-Jan-09	11.196
Old Brahmaputra	SW225	Jamalpur	31-Jan-09	11.168
Old Brahmaputra	SW225	Jamalpur	01-Feb-09	11.15
Old Brahmaputra	SW225	Jamalpur	02-Feb-09	11.14
Old Brahmaputra	SW225	Jamalpur	03-Feb-09	11.13
Old Brahmaputra	SW225	Jamalpur	04-Feb-09	11.116
Old Brahmaputra	SW225	Jamalpur	05-Feb-09	11.084
Old Brahmaputra	SW225	Jamalpur	06-Feb-09	11.074
Old Brahmaputra	SW225	Jamalpur	07-Feb-09	11.058
Old Brahmaputra	SW225	Jamalpur	08-Feb-09	11.05
Old Brahmaputra	SW225	Jamalpur	09-Feb-09	11.034
Old Brahmaputra	SW225	Jamalpur	10-Feb-09	11.014
Old Brahmaputra	SW225	Jamalpur	11-Feb-09	10.998
Old Brahmaputra	SW225	Jamalpur	12-Feb-09	10.976

Old Brahmaputra	SW225	Jamalpur	13-Feb-09	10.964
Old Brahmaputra	SW225	Jamalpur	14-Feb-09	10.948
Old Brahmaputra	SW225	Jamalpur	15-Feb-09	10.936
Old Brahmaputra	SW225	Jamalpur	16-Feb-09	10.918
Old Brahmaputra	SW225	Jamalpur	17-Feb-09	10.908
Old Brahmaputra	SW225	Jamalpur	18-Feb-09	10.898
Old Brahmaputra	SW225	Jamalpur	19-Feb-09	10.878
Old Brahmaputra	SW225	Jamalpur	20-Feb-09	10.87
Old Brahmaputra	SW225	Jamalpur	21-Feb-09	10.87
Old Brahmaputra	SW225	Jamalpur	22-Feb-09	10.864
Old Brahmaputra	SW225	Jamalpur	23-Feb-09	10.86
Old Brahmaputra	SW225	Jamalpur	24-Feb-09	10.85
Old Brahmaputra	SW225	Jamalpur	25-Feb-09	10.84
Old Brahmaputra	SW225	Jamalpur	26-Feb-09	10.84
Old Brahmaputra	SW225	Jamalpur	27-Feb-09	10.83
Old Brahmaputra	SW225	Jamalpur	28-Feb-09	10.83
Old Brahmaputra	SW225	Jamalpur	01-Mar-09	10.83
Old Brahmaputra	SW225	Jamalpur	02-Mar-09	10.83
Old Brahmaputra	SW225	Jamalpur	03-Mar-09	10.82
Old Brahmaputra	SW225	Jamalpur	04-Mar-09	10.82
Old Brahmaputra	SW225	Jamalpur	05-Mar-09	10.82
Old Brahmaputra	SW225	Jamalpur	06-Mar-09	10.82
Old Brahmaputra	SW225	Jamalpur	07-Mar-09	10.81
Old Brahmaputra	SW225	Jamalpur	08-Mar-09	10.81
Old Brahmaputra	SW225	Jamalpur	09-Mar-09	10.81
Old Brahmaputra	SW225	Jamalpur	10-Mar-09	10.81
Old Brahmaputra	SW225	Jamalpur	11-Mar-09	10.81
Old Brahmaputra	SW225	Jamalpur	12-Mar-09	10.8
Old Brahmaputra	SW225	Jamalpur	13-Mar-09	10.8
Old Brahmaputra	SW225	Jamalpur	14-Mar-09	10.8
Old Brahmaputra	SW225	Jamalpur	15-Mar-09	10.8
Old Brahmaputra	SW225	Jamalpur	16-Mar-09	10.8
Old Brahmaputra	SW225	Jamalpur	17-Mar-09	10.8
Old Brahmaputra	SW225	Jamalpur	18-Mar-09	10.81
Old Brahmaputra	SW225	Jamalpur	19-Mar-09	10.81
Old Brahmaputra	SW225	Jamalpur	20-Mar-09	10.8
Old Brahmaputra	SW225	Jamalpur	21-Mar-09	10.8
Old Brahmaputra	SW225	Jamalpur	22-Mar-09	10.79
Old Brahmaputra	SW225	Jamalpur	23-Mar-09	10.79
Old Brahmaputra	SW225	Jamalpur	24-Mar-09	10.79
Old Brahmaputra	SW225	Jamalpur	25-Mar-09	10.78
Old Brahmaputra	SW225	Jamalpur	26-Mar-09	10.78
Old Brahmaputra	SW225	Jamalpur	27-Mar-09	10.78
Old Brahmaputra	SW225	Jamalpur	28-Mar-09	10.78
Old Brahmaputra	SW225	Jamalpur	29-Mar-09	10.78
Old Brahmaputra	SW225	Jamalpur	30-Mar-09	10.77
Old Brahmaputra	SW225	Jamalpur	31-Mar-09	10.77
Old Brahmaputra	SW225	Jamalpur	01-Apr-09	10.78
Old Brahmaputra	SW225	Jamalpur	02-Apr-09	10.8
Old Brahmaputra	SW225	Jamalpur	03-Apr-09	10.8

Old Brahmaputra	SW225	Jamalpur	04-Apr-09	10.8
Old Brahmaputra	SW225	Jamalpur	05-Apr-09	10.796
Old Brahmaputra	SW225	Jamalpur	06-Apr-09	10.808
Old Brahmaputra	SW225	Jamalpur	07-Apr-09	10.91
Old Brahmaputra	SW225	Jamalpur	08-Apr-09	10.95
Old Brahmaputra	SW225	Jamalpur	09-Apr-09	10.95
Old Brahmaputra	SW225	Jamalpur	10-Apr-09	10.96
Old Brahmaputra	SW225	Jamalpur	11-Apr-09	10.95
Old Brahmaputra	SW225	Jamalpur	12-Apr-09	10.944
Old Brahmaputra	SW225	Jamalpur	13-Apr-09	10.92
Old Brahmaputra	SW225	Jamalpur	14-Apr-09	10.91
Old Brahmaputra	SW225	Jamalpur	15-Apr-09	10.906
Old Brahmaputra	SW225	Jamalpur	16-Apr-09	10.914
Old Brahmaputra	SW225	Jamalpur	17-Apr-09	10.978
Old Brahmaputra	SW225	Jamalpur	18-Apr-09	11.018
Old Brahmaputra	SW225	Jamalpur	19-Apr-09	11.01
Old Brahmaputra	SW225	Jamalpur	20-Apr-09	10.95
Old Brahmaputra	SW225	Jamalpur	21-Apr-09	10.92
Old Brahmaputra	SW225	Jamalpur	22-Apr-09	10.9
Old Brahmaputra	SW225	Jamalpur	23-Apr-09	10.89
Old Brahmaputra	SW225	Jamalpur	24-Apr-09	10.88
Old Brahmaputra	SW225	Jamalpur	25-Apr-09	10.87
Old Brahmaputra	SW225	Jamalpur	26-Apr-09	10.87
Old Brahmaputra	SW225	Jamalpur	27-Apr-09	10.878
Old Brahmaputra	SW225	Jamalpur	28-Apr-09	10.88
Old Brahmaputra	SW225	Jamalpur	29-Apr-09	10.88
Old Brahmaputra	SW225	Jamalpur	30-Apr-09	10.878
Old Brahmaputra	SW225	Jamalpur	01-May-09	10.914
Old Brahmaputra	SW225	Jamalpur	02-May-09	10.99
Old Brahmaputra	SW225	Jamalpur	03-May-09	11.104
Old Brahmaputra	SW225	Jamalpur	04-May-09	11.14
Old Brahmaputra	SW225	Jamalpur	05-May-09	11.15
Old Brahmaputra	SW225	Jamalpur	06-May-09	11.132
Old Brahmaputra	SW225	Jamalpur	07-May-09	11.1
Old Brahmaputra	SW225	Jamalpur	08-May-09	11.068
Old Brahmaputra	SW225	Jamalpur	09-May-09	11.05
Old Brahmaputra	SW225	Jamalpur	10-May-09	11.072
Old Brahmaputra	SW225	Jamalpur	11-May-09	11.12
Old Brahmaputra	SW225	Jamalpur	12-May-09	11.13
Old Brahmaputra	SW225	Jamalpur	13-May-09	11.17
Old Brahmaputra	SW225	Jamalpur	14-May-09	11.222
Old Brahmaputra	SW225	Jamalpur	15-May-09	11.252
Old Brahmaputra	SW225	Jamalpur	16-May-09	11.3
Old Brahmaputra	SW225	Jamalpur	17-May-09	11.3
Old Brahmaputra	SW225	Jamalpur	18-May-09	11.324
Old Brahmaputra	SW225	Jamalpur	19-May-09	11.35
Old Brahmaputra	SW225	Jamalpur	20-May-09	11.34
Old Brahmaputra	SW225	Jamalpur	21-May-09	11.332
Old Brahmaputra	SW225	Jamalpur	22-May-09	11.4
Old Brahmaputra	SW225	Jamalpur	23-May-09	11.402

Old Brahmaputra	SW225	Jamalpur	24-May-09	11.388
Old Brahmaputra	SW225	Jamalpur	25-May-09	11.4
Old Brahmaputra	SW225	Jamalpur	26-May-09	11.402
Old Brahmaputra	SW225	Jamalpur	27-May-09	11.432
Old Brahmaputra	SW225	Jamalpur	28-May-09	11.46
Old Brahmaputra	SW225	Jamalpur	29-May-09	11.474
Old Brahmaputra	SW225	Jamalpur	30-May-09	11.518
Old Brahmaputra	SW225	Jamalpur	31-May-09	11.568
Old Brahmaputra	SW225	Jamalpur	01-Jun-09	11.62
Old Brahmaputra	SW225	Jamalpur	02-Jun-09	11.662
Old Brahmaputra	SW225	Jamalpur	03-Jun-09	11.7
Old Brahmaputra	SW225	Jamalpur	04-Jun-09	11.722
Old Brahmaputra	SW225	Jamalpur	05-Jun-09	11.78
Old Brahmaputra	SW225	Jamalpur	06-Jun-09	11.764
Old Brahmaputra	SW225	Jamalpur	07-Jun-09	11.724
Old Brahmaputra	SW225	Jamalpur	08-Jun-09	11.794
Old Brahmaputra	SW225	Jamalpur	09-Jun-09	11.86
Old Brahmaputra	SW225	Jamalpur	10-Jun-09	11.868
Old Brahmaputra	SW225	Jamalpur	11-Jun-09	11.926
Old Brahmaputra	SW225	Jamalpur	12-Jun-09	11.966
Old Brahmaputra	SW225	Jamalpur	13-Jun-09	12.038
Old Brahmaputra	SW225	Jamalpur	14-Jun-09	12.038
Old Brahmaputra	SW225	Jamalpur	15-Jun-09	11.926
Old Brahmaputra	SW225	Jamalpur	16-Jun-09	11.85
Old Brahmaputra	SW225	Jamalpur	17-Jun-09	11.856
Old Brahmaputra	SW225	Jamalpur	18-Jun-09	11.934
Old Brahmaputra	SW225	Jamalpur	19-Jun-09	12.224
Old Brahmaputra	SW225	Jamalpur	20-Jun-09	12.554
Old Brahmaputra	SW225	Jamalpur	21-Jun-09	12.504
Old Brahmaputra	SW225	Jamalpur	22-Jun-09	12.448
Old Brahmaputra	SW225	Jamalpur	23-Jun-09	12.398
Old Brahmaputra	SW225	Jamalpur	24-Jun-09	12.242
Old Brahmaputra	SW225	Jamalpur	25-Jun-09	12.088
Old Brahmaputra	SW225	Jamalpur	26-Jun-09	12.048
Old Brahmaputra	SW225	Jamalpur	27-Jun-09	12.04
Old Brahmaputra	SW225	Jamalpur	28-Jun-09	12.068
Old Brahmaputra	SW225	Jamalpur	29-Jun-09	12.102
Old Brahmaputra	SW225	Jamalpur	30-Jun-09	12.164
Old Brahmaputra	SW225	Jamalpur	01-Jul-09	12.212
Old Brahmaputra	SW225	Jamalpur	02-Jul-09	12.23
Old Brahmaputra	SW225	Jamalpur	03-Jul-09	12.34
Old Brahmaputra	SW225	Jamalpur	04-Jul-09	12.546
Old Brahmaputra	SW225	Jamalpur	05-Jul-09	13.288
Old Brahmaputra	SW225	Jamalpur	06-Jul-09	13.942
Old Brahmaputra	SW225	Jamalpur	07-Jul-09	14.55
Old Brahmaputra	SW225	Jamalpur	08-Jul-09	14.77
Old Brahmaputra	SW225	Jamalpur	09-Jul-09	14.522
Old Brahmaputra	SW225	Jamalpur	10-Jul-09	14.368
Old Brahmaputra	SW225	Jamalpur	11-Jul-09	14.288
Old Brahmaputra	SW225	Jamalpur	12-Jul-09	14.236

Old Brahmaputra	SW225	Jamalpur	13-Jul-09	14.228
Old Brahmaputra	SW225	Jamalpur	14-Jul-09	13.988
Old Brahmaputra	SW225	Jamalpur	15-Jul-09	13.852
Old Brahmaputra	SW225	Jamalpur	16-Jul-09	13.86
Old Brahmaputra	SW225	Jamalpur	17-Jul-09	13.612
Old Brahmaputra	SW225	Jamalpur	18-Jul-09	13.426
Old Brahmaputra	SW225	Jamalpur	19-Jul-09	13.238
Old Brahmaputra	SW225	Jamalpur	20-Jul-09	13.054
Old Brahmaputra	SW225	Jamalpur	21-Jul-09	12.81
Old Brahmaputra	SW225	Jamalpur	22-Jul-09	12.678
Old Brahmaputra	SW225	Jamalpur	23-Jul-09	12.652
Old Brahmaputra	SW225	Jamalpur	24-Jul-09	12.594
Old Brahmaputra	SW225	Jamalpur	25-Jul-09	12.58
Old Brahmaputra	SW225	Jamalpur	26-Jul-09	12.502
Old Brahmaputra	SW225	Jamalpur	27-Jul-09	12.356
Old Brahmaputra	SW225	Jamalpur	28-Jul-09	12.324
Old Brahmaputra	SW225	Jamalpur	29-Jul-09	12.536
Old Brahmaputra	SW225	Jamalpur	30-Jul-09	13.03
Old Brahmaputra	SW225	Jamalpur	31-Jul-09	13.42
Old Brahmaputra	SW225	Jamalpur	01-Aug-09	13.722
Old Brahmaputra	SW225	Jamalpur	02-Aug-09	14.024
Old Brahmaputra	SW225	Jamalpur	03-Aug-09	14.278
Old Brahmaputra	SW225	Jamalpur	04-Aug-09	14.276
Old Brahmaputra	SW225	Jamalpur	05-Aug-09	14.28
Old Brahmaputra	SW225	Jamalpur	06-Aug-09	14.318
Old Brahmaputra	SW225	Jamalpur	07-Aug-09	14.346
Old Brahmaputra	SW225	Jamalpur	08-Aug-09	14.348
Old Brahmaputra	SW225	Jamalpur	09-Aug-09	14.312
Old Brahmaputra	SW225	Jamalpur	10-Aug-09	14.248
Old Brahmaputra	SW225	Jamalpur	11-Aug-09	14.202
Old Brahmaputra	SW225	Jamalpur	12-Aug-09	14.102
Old Brahmaputra	SW225	Jamalpur	13-Aug-09	13.92
Old Brahmaputra	SW225	Jamalpur	14-Aug-09	13.926
Old Brahmaputra	SW225	Jamalpur	15-Aug-09	14.08
Old Brahmaputra	SW225	Jamalpur	16-Aug-09	14.204
Old Brahmaputra	SW225	Jamalpur	17-Aug-09	14.448
Old Brahmaputra	SW225	Jamalpur	18-Aug-09	14.734
Old Brahmaputra	SW225	Jamalpur	19-Aug-09	15.142
Old Brahmaputra	SW225	Jamalpur	20-Aug-09	15.342
Old Brahmaputra	SW225	Jamalpur	21-Aug-09	15.632
Old Brahmaputra	SW225	Jamalpur	22-Aug-09	15.72
Old Brahmaputra	SW225	Jamalpur	23-Aug-09	15.782
Old Brahmaputra	SW225	Jamalpur	24-Aug-09	15.808
Old Brahmaputra	SW225	Jamalpur	25-Aug-09	15.77
Old Brahmaputra	SW225	Jamalpur	26-Aug-09	15.728
Old Brahmaputra	SW225	Jamalpur	27-Aug-09	15.646
Old Brahmaputra	SW225	Jamalpur	28-Aug-09	15.538
Old Brahmaputra	SW225	Jamalpur	29-Aug-09	15.44
Old Brahmaputra	SW225	Jamalpur	30-Aug-09	15.332
Old Brahmaputra	SW225	Jamalpur	31-Aug-09	15.188

Old Brahmaputra	SW225	Jamalpur	01-Sep-09	14.99
Old Brahmaputra	SW225	Jamalpur	02-Sep-09	14.718
Old Brahmaputra	SW225	Jamalpur	03-Sep-09	14.504
Old Brahmaputra	SW225	Jamalpur	04-Sep-09	14.23
Old Brahmaputra	SW225	Jamalpur	05-Sep-09	14.018
Old Brahmaputra	SW225	Jamalpur	06-Sep-09	13.794
Old Brahmaputra	SW225	Jamalpur	07-Sep-09	13.61
Old Brahmaputra	SW225	Jamalpur	08-Sep-09	13.48
Old Brahmaputra	SW225	Jamalpur	09-Sep-09	13.338
Old Brahmaputra	SW225	Jamalpur	10-Sep-09	13.208
Old Brahmaputra	SW225	Jamalpur	11-Sep-09	13.08
Old Brahmaputra	SW225	Jamalpur	12-Sep-09	12.954
Old Brahmaputra	SW225	Jamalpur	13-Sep-09	12.912
Old Brahmaputra	SW225	Jamalpur	14-Sep-09	12.878
Old Brahmaputra	SW225	Jamalpur	15-Sep-09	12.814
Old Brahmaputra	SW225	Jamalpur	16-Sep-09	12.756
Old Brahmaputra	SW225	Jamalpur	17-Sep-09	12.682
Old Brahmaputra	SW225	Jamalpur	18-Sep-09	12.644
Old Brahmaputra	SW225	Jamalpur	19-Sep-09	12.736
Old Brahmaputra	SW225	Jamalpur	20-Sep-09	12.872
Old Brahmaputra	SW225	Jamalpur	21-Sep-09	13.07
Old Brahmaputra	SW225	Jamalpur	22-Sep-09	13.068
Old Brahmaputra	SW225	Jamalpur	23-Sep-09	13.056
Old Brahmaputra	SW225	Jamalpur	24-Sep-09	13.006
Old Brahmaputra	SW225	Jamalpur	25-Sep-09	13
Old Brahmaputra	SW225	Jamalpur	26-Sep-09	13.162
Old Brahmaputra	SW225	Jamalpur	27-Sep-09	13.214
Old Brahmaputra	SW225	Jamalpur	28-Sep-09	13.212
Old Brahmaputra	SW225	Jamalpur	29-Sep-09	13.132
Old Brahmaputra	SW225	Jamalpur	30-Sep-09	12.968
Old Brahmaputra	SW225	Jamalpur	01-Oct-09	12.828
Old Brahmaputra	SW225	Jamalpur	02-Oct-09	12.728
Old Brahmaputra	SW225	Jamalpur	03-Oct-09	12.638
Old Brahmaputra	SW225	Jamalpur	04-Oct-09	12.56
Old Brahmaputra	SW225	Jamalpur	05-Oct-09	12.426
Old Brahmaputra	SW225	Jamalpur	06-Oct-09	12.358
Old Brahmaputra	SW225	Jamalpur	07-Oct-09	12.33
Old Brahmaputra	SW225	Jamalpur	08-Oct-09	12.304
Old Brahmaputra	SW225	Jamalpur	09-Oct-09	12.634
Old Brahmaputra	SW225	Jamalpur	10-Oct-09	13.196
Old Brahmaputra	SW225	Jamalpur	11-Oct-09	13.338
Old Brahmaputra	SW225	Jamalpur	12-Oct-09	13.246
Old Brahmaputra	SW225	Jamalpur	13-Oct-09	13.134
Old Brahmaputra	SW225	Jamalpur	14-Oct-09	13.054
Old Brahmaputra	SW225	Jamalpur	15-Oct-09	12.99
Old Brahmaputra	SW225	Jamalpur	16-Oct-09	12.976
Old Brahmaputra	SW225	Jamalpur	17-Oct-09	12.942
Old Brahmaputra	SW225	Jamalpur	18-Oct-09	12.85
Old Brahmaputra	SW225	Jamalpur	19-Oct-09	12.776
Old Brahmaputra	SW225	Jamalpur	20-Oct-09	12.586

Old Brahmaputra	SW225	Jamalpur	21-Oct-09	12.384
Old Brahmaputra	SW225	Jamalpur	22-Oct-09	12.246
Old Brahmaputra	SW225	Jamalpur	23-Oct-09	12.148
Old Brahmaputra	SW225	Jamalpur	24-Oct-09	12.098
Old Brahmaputra	SW225	Jamalpur	25-Oct-09	11.996
Old Brahmaputra	SW225	Jamalpur	26-Oct-09	11.942
Old Brahmaputra	SW225	Jamalpur	27-Oct-09	11.898
Old Brahmaputra	SW225	Jamalpur	28-Oct-09	11.846
Old Brahmaputra	SW225	Jamalpur	29-Oct-09	11.802
Old Brahmaputra	SW225	Jamalpur	30-Oct-09	11.764
Old Brahmaputra	SW225	Jamalpur	31-Oct-09	11.74
Old Brahmaputra	SW225	Jamalpur	01-Nov-09	11.732
Old Brahmaputra	SW225	Jamalpur	02-Nov-09	11.71
Old Brahmaputra	SW225	Jamalpur	03-Nov-09	11.7
Old Brahmaputra	SW225	Jamalpur	04-Nov-09	11.69
Old Brahmaputra	SW225	Jamalpur	05-Nov-09	11.688
Old Brahmaputra	SW225	Jamalpur	06-Nov-09	11.68
Old Brahmaputra	SW225	Jamalpur	07-Nov-09	11.672
Old Brahmaputra	SW225	Jamalpur	08-Nov-09	11.636
Old Brahmaputra	SW225	Jamalpur	09-Nov-09	11.6
Old Brahmaputra	SW225	Jamalpur	10-Nov-09	11.598
Old Brahmaputra	SW225	Jamalpur	11-Nov-09	11.588
Old Brahmaputra	SW225	Jamalpur	12-Nov-09	11.57
Old Brahmaputra	SW225	Jamalpur	13-Nov-09	11.55
Old Brahmaputra	SW225	Jamalpur	14-Nov-09	11.54
Old Brahmaputra	SW225	Jamalpur	15-Nov-09	11.538
Old Brahmaputra	SW225	Jamalpur	16-Nov-09	11.53
Old Brahmaputra	SW225	Jamalpur	17-Nov-09	11.52
Old Brahmaputra	SW225	Jamalpur	18-Nov-09	11.51
Old Brahmaputra	SW225	Jamalpur	19-Nov-09	11.5
Old Brahmaputra	SW225	Jamalpur	20-Nov-09	11.5
Old Brahmaputra	SW225	Jamalpur	21-Nov-09	11.49
Old Brahmaputra	SW225	Jamalpur	22-Nov-09	11.49
Old Brahmaputra	SW225	Jamalpur	23-Nov-09	11.48
Old Brahmaputra	SW225	Jamalpur	24-Nov-09	11.47
Old Brahmaputra	SW225	Jamalpur	25-Nov-09	11.46
Old Brahmaputra	SW225	Jamalpur	26-Nov-09	11.496
Old Brahmaputra	SW225	Jamalpur	27-Nov-09	11.594
Old Brahmaputra	SW225	Jamalpur	28-Nov-09	11.728
Old Brahmaputra	SW225	Jamalpur	29-Nov-09	11.75
Old Brahmaputra	SW225	Jamalpur	30-Nov-09	11.74
Old Brahmaputra	SW225	Jamalpur	01-Dec-09	11.532
Old Brahmaputra	SW225	Jamalpur	02-Dec-09	11.422
Old Brahmaputra	SW225	Jamalpur	03-Dec-09	11.38
Old Brahmaputra	SW225	Jamalpur	04-Dec-09	11.38
Old Brahmaputra	SW225	Jamalpur	05-Dec-09	11.37
Old Brahmaputra	SW225	Jamalpur	06-Dec-09	11.37
Old Brahmaputra	SW225	Jamalpur	07-Dec-09	11.36
Old Brahmaputra	SW225	Jamalpur	08-Dec-09	11.36
Old Brahmaputra	SW225	Jamalpur	09-Dec-09	11.35

Old Brahmaputra	SW225	Jamalpur	10-Dec-09	11.35
Old Brahmaputra	SW225	Jamalpur	11-Dec-09	11.34
Old Brahmaputra	SW225	Jamalpur	12-Dec-09	11.34
Old Brahmaputra	SW225	Jamalpur	13-Dec-09	11.33
Old Brahmaputra	SW225	Jamalpur	14-Dec-09	11.33
Old Brahmaputra	SW225	Jamalpur	15-Dec-09	11.32
Old Brahmaputra	SW225	Jamalpur	16-Dec-09	11.32
Old Brahmaputra	SW225	Jamalpur	17-Dec-09	11.31
Old Brahmaputra	SW225	Jamalpur	18-Dec-09	11.31
Old Brahmaputra	SW225	Jamalpur	19-Dec-09	11.29
Old Brahmaputra	SW225	Jamalpur	20-Dec-09	11.29
Old Brahmaputra	SW225	Jamalpur	21-Dec-09	11.28
Old Brahmaputra	SW225	Jamalpur	22-Dec-09	11.28
Old Brahmaputra	SW225	Jamalpur	23-Dec-09	11.27
Old Brahmaputra	SW225	Jamalpur	24-Dec-09	11.27
Old Brahmaputra	SW225	Jamalpur	25-Dec-09	11.26
Old Brahmaputra	SW225	Jamalpur	26-Dec-09	11.26
Old Brahmaputra	SW225	Jamalpur	27-Dec-09	11.25
Old Brahmaputra	SW225	Jamalpur	28-Dec-09	11.25
Old Brahmaputra	SW225	Jamalpur	29-Dec-09	11.24
Old Brahmaputra	SW225	Jamalpur	30-Dec-09	11.24
Old Brahmaputra	SW225	Jamalpur	31-Dec-09	11.23
Old Brahmaputra	SW225	Jamalpur	01-Jan-10	11.23
Old Brahmaputra	SW225	Jamalpur	02-Jan-10	11.22
Old Brahmaputra	SW225	Jamalpur	03-Jan-10	11.22
Old Brahmaputra	SW225	Jamalpur	04-Jan-10	11.21
Old Brahmaputra	SW225	Jamalpur	05-Jan-10	11.21
Old Brahmaputra	SW225	Jamalpur	06-Jan-10	11.2
Old Brahmaputra	SW225	Jamalpur	07-Jan-10	11.2
Old Brahmaputra	SW225	Jamalpur	08-Jan-10	11.19
Old Brahmaputra	SW225	Jamalpur	09-Jan-10	11.19
Old Brahmaputra	SW225	Jamalpur	10-Jan-10	11.18
Old Brahmaputra	SW225	Jamalpur	11-Jan-10	11.18
Old Brahmaputra	SW225	Jamalpur	12-Jan-10	11.17
Old Brahmaputra	SW225	Jamalpur	13-Jan-10	11.17
Old Brahmaputra	SW225	Jamalpur	14-Jan-10	11.158
Old Brahmaputra	SW225	Jamalpur	15-Jan-10	11.15
Old Brahmaputra	SW225	Jamalpur	16-Jan-10	11.15
Old Brahmaputra	SW225	Jamalpur	17-Jan-10	11.14
Old Brahmaputra	SW225	Jamalpur	18-Jan-10	11.14
Old Brahmaputra	SW225	Jamalpur	19-Jan-10	11.13
Old Brahmaputra	SW225	Jamalpur	20-Jan-10	11.12
Old Brahmaputra	SW225	Jamalpur	21-Jan-10	11.12
Old Brahmaputra	SW225	Jamalpur	22-Jan-10	11.11
Old Brahmaputra	SW225	Jamalpur	23-Jan-10	11.11
Old Brahmaputra	SW225	Jamalpur	24-Jan-10	11.1
Old Brahmaputra	SW225	Jamalpur	25-Jan-10	11.09
Old Brahmaputra	SW225	Jamalpur	26-Jan-10	11.08
Old Brahmaputra	SW225	Jamalpur	27-Jan-10	11.068
Old Brahmaputra	SW225	Jamalpur	28-Jan-10	11.048

Old Brahmaputra	SW225	Jamalpur	29-Jan-10	11.036
Old Brahmaputra	SW225	Jamalpur	30-Jan-10	11.02
Old Brahmaputra	SW225	Jamalpur	31-Jan-10	11.01
Old Brahmaputra	SW225	Jamalpur	01-Feb-10	11
Old Brahmaputra	SW225	Jamalpur	02-Feb-10	10.988
Old Brahmaputra	SW225	Jamalpur	03-Feb-10	10.968
Old Brahmaputra	SW225	Jamalpur	04-Feb-10	10.948
Old Brahmaputra	SW225	Jamalpur	05-Feb-10	10.94
Old Brahmaputra	SW225	Jamalpur	06-Feb-10	10.93
Old Brahmaputra	SW225	Jamalpur	07-Feb-10	10.908
Old Brahmaputra	SW225	Jamalpur	08-Feb-10	10.89
Old Brahmaputra	SW225	Jamalpur	09-Feb-10	10.88
Old Brahmaputra	SW225	Jamalpur	10-Feb-10	10.868
Old Brahmaputra	SW225	Jamalpur	11-Feb-10	10.85
Old Brahmaputra	SW225	Jamalpur	12-Feb-10	10.85
Old Brahmaputra	SW225	Jamalpur	13-Feb-10	10.84
Old Brahmaputra	SW225	Jamalpur	14-Feb-10	10.83
Old Brahmaputra	SW225	Jamalpur	15-Feb-10	10.826
Old Brahmaputra	SW225	Jamalpur	16-Feb-10	10.818
Old Brahmaputra	SW225	Jamalpur	17-Feb-10	10.8
Old Brahmaputra	SW225	Jamalpur	18-Feb-10	10.8
Old Brahmaputra	SW225	Jamalpur	19-Feb-10	10.79
Old Brahmaputra	SW225	Jamalpur	20-Feb-10	10.79
Old Brahmaputra	SW225	Jamalpur	21-Feb-10	10.78
Old Brahmaputra	SW225	Jamalpur	22-Feb-10	10.78
Old Brahmaputra	SW225	Jamalpur	23-Feb-10	10.77
Old Brahmaputra	SW225	Jamalpur	24-Feb-10	10.77
Old Brahmaputra	SW225	Jamalpur	25-Feb-10	10.77
Old Brahmaputra	SW225	Jamalpur	26-Feb-10	10.76
Old Brahmaputra	SW225	Jamalpur	27-Feb-10	10.76
Old Brahmaputra	SW225	Jamalpur	28-Feb-10	10.76
Old Brahmaputra	SW225	Jamalpur	01-Mar-10	10.75
Old Brahmaputra	SW225	Jamalpur	02-Mar-10	10.75
Old Brahmaputra	SW225	Jamalpur	03-Mar-10	10.74
Old Brahmaputra	SW225	Jamalpur	04-Mar-10	10.74
Old Brahmaputra	SW225	Jamalpur	05-Mar-10	10.73
Old Brahmaputra	SW225	Jamalpur	06-Mar-10	10.73
Old Brahmaputra	SW225	Jamalpur	07-Mar-10	10.72
Old Brahmaputra	SW225	Jamalpur	08-Mar-10	10.72
Old Brahmaputra	SW225	Jamalpur	09-Mar-10	10.71
Old Brahmaputra	SW225	Jamalpur	10-Mar-10	10.71
Old Brahmaputra	SW225	Jamalpur	11-Mar-10	10.7
Old Brahmaputra	SW225	Jamalpur	12-Mar-10	10.7
Old Brahmaputra	SW225	Jamalpur	13-Mar-10	10.69
Old Brahmaputra	SW225	Jamalpur	14-Mar-10	10.69
Old Brahmaputra	SW225	Jamalpur	15-Mar-10	10.68
Old Brahmaputra	SW225	Jamalpur	16-Mar-10	10.68
Old Brahmaputra	SW225	Jamalpur	17-Mar-10	10.67
Old Brahmaputra	SW225	Jamalpur	18-Mar-10	10.67
Old Brahmaputra	SW225	Jamalpur	19-Mar-10	10.66

Old Brahmaputra	SW225	Jamalpur	20-Mar-10	10.66
Old Brahmaputra	SW225	Jamalpur	21-Mar-10	10.65
Old Brahmaputra	SW225	Jamalpur	22-Mar-10	10.65
Old Brahmaputra	SW225	Jamalpur	23-Mar-10	10.64
Old Brahmaputra	SW225	Jamalpur	24-Mar-10	10.64
Old Brahmaputra	SW225	Jamalpur	25-Mar-10	10.64
Old Brahmaputra	SW225	Jamalpur	26-Mar-10	10.63
Old Brahmaputra	SW225	Jamalpur	27-Mar-10	10.63
Old Brahmaputra	SW225	Jamalpur	28-Mar-10	10.62
Old Brahmaputra	SW225	Jamalpur	29-Mar-10	10.62
Old Brahmaputra	SW225	Jamalpur	30-Mar-10	10.61
Old Brahmaputra	SW225	Jamalpur	31-Mar-10	10.61
Old Brahmaputra	SW225	Jamalpur	01-Apr-10	10.6
Old Brahmaputra	SW225	Jamalpur	02-Apr-10	10.6
Old Brahmaputra	SW225	Jamalpur	03-Apr-10	10.59
Old Brahmaputra	SW225	Jamalpur	04-Apr-10	10.59
Old Brahmaputra	SW225	Jamalpur	05-Apr-10	10.584
Old Brahmaputra	SW225	Jamalpur	06-Apr-10	10.58
Old Brahmaputra	SW225	Jamalpur	07-Apr-10	10.57
Old Brahmaputra	SW225	Jamalpur	08-Apr-10	10.57
Old Brahmaputra	SW225	Jamalpur	09-Apr-10	10.56
Old Brahmaputra	SW225	Jamalpur	10-Apr-10	10.55
Old Brahmaputra	SW225	Jamalpur	11-Apr-10	10.55
Old Brahmaputra	SW225	Jamalpur	12-Apr-10	10.53
Old Brahmaputra	SW225	Jamalpur	13-Apr-10	10.52
Old Brahmaputra	SW225	Jamalpur	14-Apr-10	10.52
Old Brahmaputra	SW225	Jamalpur	15-Apr-10	10.52
Old Brahmaputra	SW225	Jamalpur	16-Apr-10	10.54
Old Brahmaputra	SW225	Jamalpur	17-Apr-10	10.56
Old Brahmaputra	SW225	Jamalpur	18-Apr-10	10.624
Old Brahmaputra	SW225	Jamalpur	19-Apr-10	10.968
Old Brahmaputra	SW225	Jamalpur	20-Apr-10	11.14
Old Brahmaputra	SW225	Jamalpur	21-Apr-10	11.37
Old Brahmaputra	SW225	Jamalpur	22-Apr-10	11.638
Old Brahmaputra	SW225	Jamalpur	23-Apr-10	11.692
Old Brahmaputra	SW225	Jamalpur	24-Apr-10	11.734
Old Brahmaputra	SW225	Jamalpur	25-Apr-10	11.78
Old Brahmaputra	SW225	Jamalpur	26-Apr-10	11.774
Old Brahmaputra	SW225	Jamalpur	27-Apr-10	11.746
Old Brahmaputra	SW225	Jamalpur	28-Apr-10	12.364
Old Brahmaputra	SW225	Jamalpur	29-Apr-10	12.56
Old Brahmaputra	SW225	Jamalpur	30-Apr-10	13.03
Old Brahmaputra	SW225	Jamalpur	01-May-10	13.184
Old Brahmaputra	SW225	Jamalpur	02-May-10	12.782
Old Brahmaputra	SW225	Jamalpur	03-May-10	12.456
Old Brahmaputra	SW225	Jamalpur	04-May-10	12.258
Old Brahmaputra	SW225	Jamalpur	05-May-10	12.058
Old Brahmaputra	SW225	Jamalpur	06-May-10	11.986
Old Brahmaputra	SW225	Jamalpur	07-May-10	11.902
Old Brahmaputra	SW225	Jamalpur	08-May-10	11.824

Old Brahmaputra	SW225	Jamalpur	09-May-10	11.762
Old Brahmaputra	SW225	Jamalpur	10-May-10	11.75
Old Brahmaputra	SW225	Jamalpur	11-May-10	11.736
Old Brahmaputra	SW225	Jamalpur	12-May-10	11.872
Old Brahmaputra	SW225	Jamalpur	13-May-10	11.86
Old Brahmaputra	SW225	Jamalpur	14-May-10	11.764
Old Brahmaputra	SW225	Jamalpur	15-May-10	11.748
Old Brahmaputra	SW225	Jamalpur	16-May-10	11.714
Old Brahmaputra	SW225	Jamalpur	17-May-10	11.946
Old Brahmaputra	SW225	Jamalpur	18-May-10	12.772
Old Brahmaputra	SW225	Jamalpur	19-May-10	13.204
Old Brahmaputra	SW225	Jamalpur	20-May-10	13.598
Old Brahmaputra	SW225	Jamalpur	21-May-10	13.756
Old Brahmaputra	SW225	Jamalpur	22-May-10	13.772
Old Brahmaputra	SW225	Jamalpur	23-May-10	13.524
Old Brahmaputra	SW225	Jamalpur	24-May-10	13.272
Old Brahmaputra	SW225	Jamalpur	25-May-10	13.066
Old Brahmaputra	SW225	Jamalpur	26-May-10	13.138
Old Brahmaputra	SW225	Jamalpur	27-May-10	13.392
Old Brahmaputra	SW225	Jamalpur	28-May-10	13.628
Old Brahmaputra	SW225	Jamalpur	29-May-10	13.436
Old Brahmaputra	SW225	Jamalpur	30-May-10	13.226
Old Brahmaputra	SW225	Jamalpur	31-May-10	13.096
Old Brahmaputra	SW225	Jamalpur	01-Jun-10	12.946
Old Brahmaputra	SW225	Jamalpur	02-Jun-10	12.814
Old Brahmaputra	SW225	Jamalpur	03-Jun-10	12.814
Old Brahmaputra	SW225	Jamalpur	04-Jun-10	12.746
Old Brahmaputra	SW225	Jamalpur	05-Jun-10	12.95
Old Brahmaputra	SW225	Jamalpur	06-Jun-10	13.184
Old Brahmaputra	SW225	Jamalpur	07-Jun-10	13.392
Old Brahmaputra	SW225	Jamalpur	08-Jun-10	13.438
Old Brahmaputra	SW225	Jamalpur	09-Jun-10	13.474
Old Brahmaputra	SW225	Jamalpur	10-Jun-10	13.628
Old Brahmaputra	SW225	Jamalpur	11-Jun-10	13.934
Old Brahmaputra	SW225	Jamalpur	12-Jun-10	14.32
Old Brahmaputra	SW225	Jamalpur	13-Jun-10	14.412
Old Brahmaputra	SW225	Jamalpur	14-Jun-10	14.574
Old Brahmaputra	SW225	Jamalpur	15-Jun-10	14.43
Old Brahmaputra	SW225	Jamalpur	16-Jun-10	14.114
Old Brahmaputra	SW225	Jamalpur	17-Jun-10	13.992
Old Brahmaputra	SW225	Jamalpur	18-Jun-10	13.92
Old Brahmaputra	SW225	Jamalpur	19-Jun-10	13.932
Old Brahmaputra	SW225	Jamalpur	20-Jun-10	14.036
Old Brahmaputra	SW225	Jamalpur	21-Jun-10	14.05
Old Brahmaputra	SW225	Jamalpur	22-Jun-10	14.172
Old Brahmaputra	SW225	Jamalpur	23-Jun-10	14.22
Old Brahmaputra	SW225	Jamalpur	24-Jun-10	14.248
Old Brahmaputra	SW225	Jamalpur	25-Jun-10	14.296
Old Brahmaputra	SW225	Jamalpur	26-Jun-10	14.32
Old Brahmaputra	SW225	Jamalpur	27-Jun-10	14.326

Old Brahmaputra	SW225	Jamalpur	28-Jun-10	14.406
Old Brahmaputra	SW225	Jamalpur	29-Jun-10	14.992
Old Brahmaputra	SW225	Jamalpur	30-Jun-10	15.334
Old Brahmaputra	SW225	Jamalpur	01-Jul-10	15.47
Old Brahmaputra	SW225	Jamalpur	02-Jul-10	15.542
Old Brahmaputra	SW225	Jamalpur	03-Jul-10	15.56
Old Brahmaputra	SW225	Jamalpur	04-Jul-10	15.572
Old Brahmaputra	SW225	Jamalpur	05-Jul-10	15.52
Old Brahmaputra	SW225	Jamalpur	06-Jul-10	15.472
Old Brahmaputra	SW225	Jamalpur	07-Jul-10	15.406
Old Brahmaputra	SW225	Jamalpur	08-Jul-10	15.362
Old Brahmaputra	SW225	Jamalpur	09-Jul-10	15.092
Old Brahmaputra	SW225	Jamalpur	10-Jul-10	14.934
Old Brahmaputra	SW225	Jamalpur	11-Jul-10	14.914
Old Brahmaputra	SW225	Jamalpur	12-Jul-10	15.138
Old Brahmaputra	SW225	Jamalpur	13-Jul-10	15.226
Old Brahmaputra	SW225	Jamalpur	14-Jul-10	15.374
Old Brahmaputra	SW225	Jamalpur	15-Jul-10	15.436
Old Brahmaputra	SW225	Jamalpur	16-Jul-10	15.48
Old Brahmaputra	SW225	Jamalpur	17-Jul-10	15.418
Old Brahmaputra	SW225	Jamalpur	18-Jul-10	15.372
Old Brahmaputra	SW225	Jamalpur	19-Jul-10	15.304
Old Brahmaputra	SW225	Jamalpur	20-Jul-10	15.234
Old Brahmaputra	SW225	Jamalpur	21-Jul-10	15.37
Old Brahmaputra	SW225	Jamalpur	22-Jul-10	15.464
Old Brahmaputra	SW225	Jamalpur	23-Jul-10	15.576
Old Brahmaputra	SW225	Jamalpur	24-Jul-10	15.732
Old Brahmaputra	SW225	Jamalpur	25-Jul-10	15.776
Old Brahmaputra	SW225	Jamalpur	26-Jul-10	15.778
Old Brahmaputra	SW225	Jamalpur	27-Jul-10	15.72
Old Brahmaputra	SW225	Jamalpur	28-Jul-10	15.618
Old Brahmaputra	SW225	Jamalpur	29-Jul-10	15.44
Old Brahmaputra	SW225	Jamalpur	30-Jul-10	15.318
Old Brahmaputra	SW225	Jamalpur	31-Jul-10	15.198
Old Brahmaputra	SW225	Jamalpur	01-Aug-10	15.086
Old Brahmaputra	SW225	Jamalpur	02-Aug-10	15.054
Old Brahmaputra	SW225	Jamalpur	03-Aug-10	14.962
Old Brahmaputra	SW225	Jamalpur	04-Aug-10	14.858
Old Brahmaputra	SW225	Jamalpur	05-Aug-10	14.73
Old Brahmaputra	SW225	Jamalpur	06-Aug-10	14.61
Old Brahmaputra	SW225	Jamalpur	07-Aug-10	14.494
Old Brahmaputra	SW225	Jamalpur	08-Aug-10	14.44
Old Brahmaputra	SW225	Jamalpur	09-Aug-10	14.362
Old Brahmaputra	SW225	Jamalpur	10-Aug-10	14.3
Old Brahmaputra	SW225	Jamalpur	11-Aug-10	14.212
Old Brahmaputra	SW225	Jamalpur	12-Aug-10	14.142
Old Brahmaputra	SW225	Jamalpur	13-Aug-10	14.068
Old Brahmaputra	SW225	Jamalpur	14-Aug-10	13.972
Old Brahmaputra	SW225	Jamalpur	15-Aug-10	13.912
Old Brahmaputra	SW225	Jamalpur	16-Aug-10	13.9

Old Brahmaputra	SW225	Jamalpur	17-Aug-10	13.884
Old Brahmaputra	SW225	Jamalpur	18-Aug-10	14.004
Old Brahmaputra	SW225	Jamalpur	19-Aug-10	14.474
Old Brahmaputra	SW225	Jamalpur	20-Aug-10	14.566
Old Brahmaputra	SW225	Jamalpur	21-Aug-10	14.658
Old Brahmaputra	SW225	Jamalpur	22-Aug-10	14.722
Old Brahmaputra	SW225	Jamalpur	23-Aug-10	14.906
Old Brahmaputra	SW225	Jamalpur	24-Aug-10	15.088
Old Brahmaputra	SW225	Jamalpur	25-Aug-10	15.224
Old Brahmaputra	SW225	Jamalpur	26-Aug-10	15.386
Old Brahmaputra	SW225	Jamalpur	27-Aug-10	15.41
Old Brahmaputra	SW225	Jamalpur	28-Aug-10	15.4
Old Brahmaputra	SW225	Jamalpur	29-Aug-10	15.41
Old Brahmaputra	SW225	Jamalpur	30-Aug-10	15.53
Old Brahmaputra	SW225	Jamalpur	31-Aug-10	15.61
Old Brahmaputra	SW225	Jamalpur	01-Sep-10	15.61
Old Brahmaputra	SW225	Jamalpur	02-Sep-10	15.586
Old Brahmaputra	SW225	Jamalpur	03-Sep-10	15.476
Old Brahmaputra	SW225	Jamalpur	04-Sep-10	15.31
Old Brahmaputra	SW225	Jamalpur	05-Sep-10	15.3
Old Brahmaputra	SW225	Jamalpur	06-Sep-10	15.274
Old Brahmaputra	SW225	Jamalpur	07-Sep-10	15.184
Old Brahmaputra	SW225	Jamalpur	08-Sep-10	15.152
Old Brahmaputra	SW225	Jamalpur	09-Sep-10	15.1
Old Brahmaputra	SW225	Jamalpur	10-Sep-10	15.11
Old Brahmaputra	SW225	Jamalpur	11-Sep-10	15.116
Old Brahmaputra	SW225	Jamalpur	12-Sep-10	15.296
Old Brahmaputra	SW225	Jamalpur	13-Sep-10	15.662
Old Brahmaputra	SW225	Jamalpur	14-Sep-10	15.796
Old Brahmaputra	SW225	Jamalpur	15-Sep-10	15.956
Old Brahmaputra	SW225	Jamalpur	16-Sep-10	16.092
Old Brahmaputra	SW225	Jamalpur	17-Sep-10	16.162
Old Brahmaputra	SW225	Jamalpur	18-Sep-10	16.152
Old Brahmaputra	SW225	Jamalpur	19-Sep-10	16.084
Old Brahmaputra	SW225	Jamalpur	20-Sep-10	16
Old Brahmaputra	SW225	Jamalpur	21-Sep-10	15.918
Old Brahmaputra	SW225	Jamalpur	22-Sep-10	15.766
Old Brahmaputra	SW225	Jamalpur	23-Sep-10	15.626
Old Brahmaputra	SW225	Jamalpur	24-Sep-10	15.532
Old Brahmaputra	SW225	Jamalpur	25-Sep-10	15.426
Old Brahmaputra	SW225	Jamalpur	26-Sep-10	15.324
Old Brahmaputra	SW225	Jamalpur	27-Sep-10	15.188
Old Brahmaputra	SW225	Jamalpur	28-Sep-10	15.008
Old Brahmaputra	SW225	Jamalpur	29-Sep-10	14.68
Old Brahmaputra	SW225	Jamalpur	30-Sep-10	14.48
Old Brahmaputra	SW225	Jamalpur	01-Oct-10	14.2
Old Brahmaputra	SW225	Jamalpur	02-Oct-10	14.11
Old Brahmaputra	SW225	Jamalpur	03-Oct-10	13.952
Old Brahmaputra	SW225	Jamalpur	04-Oct-10	13.792
Old Brahmaputra	SW225	Jamalpur	05-Oct-10	13.7

Old Brahmaputra	SW225	Jamalpur	06-Oct-10	13.69
Old Brahmaputra	SW225	Jamalpur	07-Oct-10	13.65
Old Brahmaputra	SW225	Jamalpur	08-Oct-10	13.656
Old Brahmaputra	SW225	Jamalpur	09-Oct-10	13.62
Old Brahmaputra	SW225	Jamalpur	10-Oct-10	13.6
Old Brahmaputra	SW225	Jamalpur	11-Oct-10	13.488
Old Brahmaputra	SW225	Jamalpur	12-Oct-10	13.382
Old Brahmaputra	SW225	Jamalpur	13-Oct-10	13.274
Old Brahmaputra	SW225	Jamalpur	14-Oct-10	13.246
Old Brahmaputra	SW225	Jamalpur	15-Oct-10	13.21
Old Brahmaputra	SW225	Jamalpur	16-Oct-10	13.172
Old Brahmaputra	SW225	Jamalpur	17-Oct-10	13.126
Old Brahmaputra	SW225	Jamalpur	18-Oct-10	13.076
Old Brahmaputra	SW225	Jamalpur	19-Oct-10	13.012
Old Brahmaputra	SW225	Jamalpur	20-Oct-10	12.96
Old Brahmaputra	SW225	Jamalpur	21-Oct-10	12.862
Old Brahmaputra	SW225	Jamalpur	22-Oct-10	12.746
Old Brahmaputra	SW225	Jamalpur	23-Oct-10	12.656
Old Brahmaputra	SW225	Jamalpur	24-Oct-10	12.582
Old Brahmaputra	SW225	Jamalpur	25-Oct-10	12.526
Old Brahmaputra	SW225	Jamalpur	26-Oct-10	12.484
Old Brahmaputra	SW225	Jamalpur	27-Oct-10	12.452
Old Brahmaputra	SW225	Jamalpur	28-Oct-10	12.404
Old Brahmaputra	SW225	Jamalpur	29-Oct-10	12.292
Old Brahmaputra	SW225	Jamalpur	30-Oct-10	12.25
Old Brahmaputra	SW225	Jamalpur	31-Oct-10	12.168
Old Brahmaputra	SW225	Jamalpur	01-Nov-10	12.138
Old Brahmaputra	SW225	Jamalpur	02-Nov-10	12.106
Old Brahmaputra	SW225	Jamalpur	03-Nov-10	12.072
Old Brahmaputra	SW225	Jamalpur	04-Nov-10	12.042
Old Brahmaputra	SW225	Jamalpur	05-Nov-10	12.004
Old Brahmaputra	SW225	Jamalpur	06-Nov-10	11.99
Old Brahmaputra	SW225	Jamalpur	07-Nov-10	11.98
Old Brahmaputra	SW225	Jamalpur	08-Nov-10	11.966
Old Brahmaputra	SW225	Jamalpur	09-Nov-10	11.956
Old Brahmaputra	SW225	Jamalpur	10-Nov-10	11.934
Old Brahmaputra	SW225	Jamalpur	11-Nov-10	11.9
Old Brahmaputra	SW225	Jamalpur	12-Nov-10	11.878
Old Brahmaputra	SW225	Jamalpur	13-Nov-10	11.838
Old Brahmaputra	SW225	Jamalpur	14-Nov-10	11.82
Old Brahmaputra	SW225	Jamalpur	15-Nov-10	11.82
Old Brahmaputra	SW225	Jamalpur	16-Nov-10	11.81
Old Brahmaputra	SW225	Jamalpur	17-Nov-10	11.8
Old Brahmaputra	SW225	Jamalpur	18-Nov-10	11.796
Old Brahmaputra	SW225	Jamalpur	19-Nov-10	11.784
Old Brahmaputra	SW225	Jamalpur	20-Nov-10	11.778
Old Brahmaputra	SW225	Jamalpur	21-Nov-10	11.768
Old Brahmaputra	SW225	Jamalpur	22-Nov-10	11.754
Old Brahmaputra	SW225	Jamalpur	23-Nov-10	11.75
Old Brahmaputra	SW225	Jamalpur	24-Nov-10	11.74

Old Brahmaputra	SW225	Jamalpur	25-Nov-10	11.73
Old Brahmaputra	SW225	Jamalpur	26-Nov-10	11.71
Old Brahmaputra	SW225	Jamalpur	27-Nov-10	11.7
Old Brahmaputra	SW225	Jamalpur	28-Nov-10	11.69
Old Brahmaputra	SW225	Jamalpur	29-Nov-10	11.68
Old Brahmaputra	SW225	Jamalpur	30-Nov-10	11.67
Old Brahmaputra	SW225	Jamalpur	01-Dec-10	11.66
Old Brahmaputra	SW225	Jamalpur	02-Dec-10	11.65
Old Brahmaputra	SW225	Jamalpur	03-Dec-10	11.648
Old Brahmaputra	SW225	Jamalpur	04-Dec-10	11.64
Old Brahmaputra	SW225	Jamalpur	05-Dec-10	11.63
Old Brahmaputra	SW225	Jamalpur	06-Dec-10	11.63
Old Brahmaputra	SW225	Jamalpur	07-Dec-10	11.62
Old Brahmaputra	SW225	Jamalpur	08-Dec-10	11.61
Old Brahmaputra	SW225	Jamalpur	09-Dec-10	11.6
Old Brahmaputra	SW225	Jamalpur	10-Dec-10	11.596
Old Brahmaputra	SW225	Jamalpur	11-Dec-10	11.59
Old Brahmaputra	SW225	Jamalpur	12-Dec-10	11.584
Old Brahmaputra	SW225	Jamalpur	13-Dec-10	11.58
Old Brahmaputra	SW225	Jamalpur	14-Dec-10	11.57
Old Brahmaputra	SW225	Jamalpur	15-Dec-10	11.566
Old Brahmaputra	SW225	Jamalpur	16-Dec-10	11.558
Old Brahmaputra	SW225	Jamalpur	17-Dec-10	11.55
Old Brahmaputra	SW225	Jamalpur	18-Dec-10	11.54
Old Brahmaputra	SW225	Jamalpur	19-Dec-10	11.54
Old Brahmaputra	SW225	Jamalpur	20-Dec-10	11.536
Old Brahmaputra	SW225	Jamalpur	21-Dec-10	11.528
Old Brahmaputra	SW225	Jamalpur	22-Dec-10	11.518
Old Brahmaputra	SW225	Jamalpur	23-Dec-10	11.5
Old Brahmaputra	SW225	Jamalpur	24-Dec-10	11.5
Old Brahmaputra	SW225	Jamalpur	25-Dec-10	11.488
Old Brahmaputra	SW225	Jamalpur	26-Dec-10	11.48
Old Brahmaputra	SW225	Jamalpur	27-Dec-10	11.47
Old Brahmaputra	SW225	Jamalpur	28-Dec-10	11.46
Old Brahmaputra	SW225	Jamalpur	29-Dec-10	11.458
Old Brahmaputra	SW225	Jamalpur	30-Dec-10	11.45
Old Brahmaputra	SW225	Jamalpur	31-Dec-10	11.44
Old Brahmaputra	SW225	Jamalpur	01-Jan-11	11.438
Old Brahmaputra	SW225	Jamalpur	02-Jan-11	11.43
Old Brahmaputra	SW225	Jamalpur	03-Jan-11	11.426
Old Brahmaputra	SW225	Jamalpur	04-Jan-11	11.42
Old Brahmaputra	SW225	Jamalpur	05-Jan-11	11.42
Old Brahmaputra	SW225	Jamalpur	06-Jan-11	11.42
Old Brahmaputra	SW225	Jamalpur	07-Jan-11	11.41
Old Brahmaputra	SW225	Jamalpur	08-Jan-11	11.41
Old Brahmaputra	SW225	Jamalpur	09-Jan-11	11.41
Old Brahmaputra	SW225	Jamalpur	10-Jan-11	11.4
Old Brahmaputra	SW225	Jamalpur	11-Jan-11	11.4
Old Brahmaputra	SW225	Jamalpur	12-Jan-11	11.39
Old Brahmaputra	SW225	Jamalpur	13-Jan-11	11.384

Old Brahmaputra	SW225	Jamalpur	14-Jan-11	11.38
Old Brahmaputra	SW225	Jamalpur	15-Jan-11	11.37
Old Brahmaputra	SW225	Jamalpur	16-Jan-11	11.37
Old Brahmaputra	SW225	Jamalpur	17-Jan-11	11.36
Old Brahmaputra	SW225	Jamalpur	18-Jan-11	11.356
Old Brahmaputra	SW225	Jamalpur	19-Jan-11	11.348
Old Brahmaputra	SW225	Jamalpur	20-Jan-11	11.336
Old Brahmaputra	SW225	Jamalpur	21-Jan-11	11.324
Old Brahmaputra	SW225	Jamalpur	22-Jan-11	11.314
Old Brahmaputra	SW225	Jamalpur	23-Jan-11	11.3
Old Brahmaputra	SW225	Jamalpur	24-Jan-11	11.29
Old Brahmaputra	SW225	Jamalpur	25-Jan-11	11.28
Old Brahmaputra	SW225	Jamalpur	26-Jan-11	11.28
Old Brahmaputra	SW225	Jamalpur	27-Jan-11	11.264
Old Brahmaputra	SW225	Jamalpur	28-Jan-11	11.25
Old Brahmaputra	SW225	Jamalpur	29-Jan-11	11.248
Old Brahmaputra	SW225	Jamalpur	30-Jan-11	11.226
Old Brahmaputra	SW225	Jamalpur	31-Jan-11	11.216
Old Brahmaputra	SW225	Jamalpur	01-Feb-11	11.198
Old Brahmaputra	SW225	Jamalpur	02-Feb-11	11.18
Old Brahmaputra	SW225	Jamalpur	03-Feb-11	11.168
Old Brahmaputra	SW225	Jamalpur	04-Feb-11	11.154
Old Brahmaputra	SW225	Jamalpur	05-Feb-11	11.148
Old Brahmaputra	SW225	Jamalpur	06-Feb-11	11.136
Old Brahmaputra	SW225	Jamalpur	07-Feb-11	11.12
Old Brahmaputra	SW225	Jamalpur	08-Feb-11	11.108
Old Brahmaputra	SW225	Jamalpur	09-Feb-11	11.1
Old Brahmaputra	SW225	Jamalpur	10-Feb-11	11.09
Old Brahmaputra	SW225	Jamalpur	11-Feb-11	11.08
Old Brahmaputra	SW225	Jamalpur	12-Feb-11	11.07
Old Brahmaputra	SW225	Jamalpur	13-Feb-11	11.06
Old Brahmaputra	SW225	Jamalpur	14-Feb-11	11.04
Old Brahmaputra	SW225	Jamalpur	15-Feb-11	11.04
Old Brahmaputra	SW225	Jamalpur	16-Feb-11	11.03
Old Brahmaputra	SW225	Jamalpur	17-Feb-11	11.03
Old Brahmaputra	SW225	Jamalpur	18-Feb-11	11.03
Old Brahmaputra	SW225	Jamalpur	19-Feb-11	11.03
Old Brahmaputra	SW225	Jamalpur	20-Feb-11	11.03
Old Brahmaputra	SW225	Jamalpur	21-Feb-11	11.04
Old Brahmaputra	SW225	Jamalpur	22-Feb-11	11.04
Old Brahmaputra	SW225	Jamalpur	23-Feb-11	11.04
Old Brahmaputra	SW225	Jamalpur	24-Feb-11	11.04
Old Brahmaputra	SW225	Jamalpur	25-Feb-11	11.04
Old Brahmaputra	SW225	Jamalpur	26-Feb-11	11.03
Old Brahmaputra	SW225	Jamalpur	27-Feb-11	11.03
Old Brahmaputra	SW225	Jamalpur	28-Feb-11	11.03
Old Brahmaputra	SW225	Jamalpur	01-Mar-11	11.02
Old Brahmaputra	SW225	Jamalpur	02-Mar-11	11.016
Old Brahmaputra	SW225	Jamalpur	03-Mar-11	11.004
Old Brahmaputra	SW225	Jamalpur	04-Mar-11	10.998

Old Brahmaputra	SW225	Jamalpur	05-Mar-11	10.976
Old Brahmaputra	SW225	Jamalpur	06-Mar-11	10.95
Old Brahmaputra	SW225	Jamalpur	07-Mar-11	10.94
Old Brahmaputra	SW225	Jamalpur	08-Mar-11	10.94
Old Brahmaputra	SW225	Jamalpur	09-Mar-11	10.93
Old Brahmaputra	SW225	Jamalpur	10-Mar-11	10.93
Old Brahmaputra	SW225	Jamalpur	11-Mar-11	10.928
Old Brahmaputra	SW225	Jamalpur	12-Mar-11	10.92
Old Brahmaputra	SW225	Jamalpur	13-Mar-11	10.92
Old Brahmaputra	SW225	Jamalpur	14-Mar-11	10.92
Old Brahmaputra	SW225	Jamalpur	15-Mar-11	10.92
Old Brahmaputra	SW225	Jamalpur	16-Mar-11	10.91
Old Brahmaputra	SW225	Jamalpur	17-Mar-11	10.9
Old Brahmaputra	SW225	Jamalpur	18-Mar-11	10.9
Old Brahmaputra	SW225	Jamalpur	19-Mar-11	10.89
Old Brahmaputra	SW225	Jamalpur	20-Mar-11	10.88
Old Brahmaputra	SW225	Jamalpur	21-Mar-11	10.88
Old Brahmaputra	SW225	Jamalpur	22-Mar-11	10.87
Old Brahmaputra	SW225	Jamalpur	23-Mar-11	10.87
Old Brahmaputra	SW225	Jamalpur	24-Mar-11	10.86
Old Brahmaputra	SW225	Jamalpur	25-Mar-11	10.86
Old Brahmaputra	SW225	Jamalpur	26-Mar-11	10.85
Old Brahmaputra	SW225	Jamalpur	27-Mar-11	10.85
Old Brahmaputra	SW225	Jamalpur	28-Mar-11	10.85
Old Brahmaputra	SW225	Jamalpur	29-Mar-11	10.84
Old Brahmaputra	SW225	Jamalpur	30-Mar-11	10.84
Old Brahmaputra	SW225	Jamalpur	31-Mar-11	10.83
Old Brahmaputra	SW225	Jamalpur	01-Apr-11	10.83
Old Brahmaputra	SW225	Jamalpur	02-Apr-11	10.83
Old Brahmaputra	SW225	Jamalpur	03-Apr-11	10.83
Old Brahmaputra	SW225	Jamalpur	04-Apr-11	10.82
Old Brahmaputra	SW225	Jamalpur	05-Apr-11	10.85
Old Brahmaputra	SW225	Jamalpur	06-Apr-11	10.88
Old Brahmaputra	SW225	Jamalpur	07-Apr-11	10.902
Old Brahmaputra	SW225	Jamalpur	08-Apr-11	10.924
Old Brahmaputra	SW225	Jamalpur	09-Apr-11	10.9
Old Brahmaputra	SW225	Jamalpur	10-Apr-11	10.906
Old Brahmaputra	SW225	Jamalpur	11-Apr-11	10.962
Old Brahmaputra	SW225	Jamalpur	12-Apr-11	10.958
Old Brahmaputra	SW225	Jamalpur	13-Apr-11	10.95
Old Brahmaputra	SW225	Jamalpur	14-Apr-11	10.95
Old Brahmaputra	SW225	Jamalpur	15-Apr-11	10.968
Old Brahmaputra	SW225	Jamalpur	16-Apr-11	10.98
Old Brahmaputra	SW225	Jamalpur	17-Apr-11	10.936
Old Brahmaputra	SW225	Jamalpur	18-Apr-11	10.914
Old Brahmaputra	SW225	Jamalpur	19-Apr-11	10.876
Old Brahmaputra	SW225	Jamalpur	20-Apr-11	10.844
Old Brahmaputra	SW225	Jamalpur	21-Apr-11	10.8
Old Brahmaputra	SW225	Jamalpur	22-Apr-11	10.796
Old Brahmaputra	SW225	Jamalpur	23-Apr-11	10.776

Old Brahmaputra	SW225	Jamalpur	24-Apr-11	10.746
Old Brahmaputra	SW225	Jamalpur	25-Apr-11	10.778
Old Brahmaputra	SW225	Jamalpur	26-Apr-11	10.854
Old Brahmaputra	SW225	Jamalpur	27-Apr-11	10.82
Old Brahmaputra	SW225	Jamalpur	28-Apr-11	10.81
Old Brahmaputra	SW225	Jamalpur	29-Apr-11	10.8
Old Brahmaputra	SW225	Jamalpur	30-Apr-11	10.79
Old Brahmaputra	SW225	Jamalpur	01-May-11	10.79
Old Brahmaputra	SW225	Jamalpur	02-May-11	10.806
Old Brahmaputra	SW225	Jamalpur	03-May-11	10.822
Old Brahmaputra	SW225	Jamalpur	04-May-11	10.85
Old Brahmaputra	SW225	Jamalpur	05-May-11	10.854
Old Brahmaputra	SW225	Jamalpur	06-May-11	10.882
Old Brahmaputra	SW225	Jamalpur	07-May-11	10.926
Old Brahmaputra	SW225	Jamalpur	08-May-11	10.95
Old Brahmaputra	SW225	Jamalpur	09-May-11	11.146
Old Brahmaputra	SW225	Jamalpur	10-May-11	11.224
Old Brahmaputra	SW225	Jamalpur	11-May-11	11.312
Old Brahmaputra	SW225	Jamalpur	12-May-11	11.366
Old Brahmaputra	SW225	Jamalpur	13-May-11	11.366
Old Brahmaputra	SW225	Jamalpur	14-May-11	11.284
Old Brahmaputra	SW225	Jamalpur	15-May-11	11.244
Old Brahmaputra	SW225	Jamalpur	16-May-11	11.258
Old Brahmaputra	SW225	Jamalpur	17-May-11	11.316
Old Brahmaputra	SW225	Jamalpur	18-May-11	11.39
Old Brahmaputra	SW225	Jamalpur	19-May-11	11.552
Old Brahmaputra	SW225	Jamalpur	20-May-11	11.63
Old Brahmaputra	SW225	Jamalpur	21-May-11	11.68
Old Brahmaputra	SW225	Jamalpur	22-May-11	11.722
Old Brahmaputra	SW225	Jamalpur	23-May-11	11.888
Old Brahmaputra	SW225	Jamalpur	24-May-11	11.978
Old Brahmaputra	SW225	Jamalpur	25-May-11	12.064
Old Brahmaputra	SW225	Jamalpur	26-May-11	11.974
Old Brahmaputra	SW225	Jamalpur	27-May-11	11.876
Old Brahmaputra	SW225	Jamalpur	28-May-11	11.846
Old Brahmaputra	SW225	Jamalpur	29-May-11	11.798
Old Brahmaputra	SW225	Jamalpur	30-May-11	11.834
Old Brahmaputra	SW225	Jamalpur	31-May-11	11.93
Old Brahmaputra	SW225	Jamalpur	01-Jun-11	12.048
Old Brahmaputra	SW225	Jamalpur	02-Jun-11	12.1
Old Brahmaputra	SW225	Jamalpur	03-Jun-11	12.126
Old Brahmaputra	SW225	Jamalpur	04-Jun-11	12.03
Old Brahmaputra	SW225	Jamalpur	05-Jun-11	12.06
Old Brahmaputra	SW225	Jamalpur	06-Jun-11	12.134
Old Brahmaputra	SW225	Jamalpur	07-Jun-11	12.238
Old Brahmaputra	SW225	Jamalpur	08-Jun-11	12.368
Old Brahmaputra	SW225	Jamalpur	09-Jun-11	12.474
Old Brahmaputra	SW225	Jamalpur	10-Jun-11	12.594
Old Brahmaputra	SW225	Jamalpur	11-Jun-11	12.648
Old Brahmaputra	SW225	Jamalpur	12-Jun-11	12.632

Old Brahmaputra	SW225	Jamalpur	13-Jun-11	12.552
Old Brahmaputra	SW225	Jamalpur	14-Jun-11	12.438
Old Brahmaputra	SW225	Jamalpur	15-Jun-11	12.364
Old Brahmaputra	SW225	Jamalpur	16-Jun-11	12.284
Old Brahmaputra	SW225	Jamalpur	17-Jun-11	12.232
Old Brahmaputra	SW225	Jamalpur	18-Jun-11	12.214
Old Brahmaputra	SW225	Jamalpur	19-Jun-11	12.23
Old Brahmaputra	SW225	Jamalpur	20-Jun-11	12.244
Old Brahmaputra	SW225	Jamalpur	21-Jun-11	12.266
Old Brahmaputra	SW225	Jamalpur	22-Jun-11	12.236
Old Brahmaputra	SW225	Jamalpur	23-Jun-11	12.218
Old Brahmaputra	SW225	Jamalpur	24-Jun-11	12.296
Old Brahmaputra	SW225	Jamalpur	25-Jun-11	12.366
Old Brahmaputra	SW225	Jamalpur	26-Jun-11	12.47
Old Brahmaputra	SW225	Jamalpur	27-Jun-11	12.514
Old Brahmaputra	SW225	Jamalpur	28-Jun-11	12.57
Old Brahmaputra	SW225	Jamalpur	29-Jun-11	12.888
Old Brahmaputra	SW225	Jamalpur	30-Jun-11	13.062
Old Brahmaputra	SW225	Jamalpur	01-Jul-11	13.244
Old Brahmaputra	SW225	Jamalpur	02-Jul-11	13.356
Old Brahmaputra	SW225	Jamalpur	03-Jul-11	13.574
Old Brahmaputra	SW225	Jamalpur	04-Jul-11	13.754
Old Brahmaputra	SW225	Jamalpur	05-Jul-11	13.792
Old Brahmaputra	SW225	Jamalpur	06-Jul-11	13.77
Old Brahmaputra	SW225	Jamalpur	07-Jul-11	13.806
Old Brahmaputra	SW225	Jamalpur	08-Jul-11	13.98
Old Brahmaputra	SW225	Jamalpur	09-Jul-11	14.046
Old Brahmaputra	SW225	Jamalpur	10-Jul-11	14.168
Old Brahmaputra	SW225	Jamalpur	11-Jul-11	14.166
Old Brahmaputra	SW225	Jamalpur	12-Jul-11	14.208
Old Brahmaputra	SW225	Jamalpur	13-Jul-11	14.284
Old Brahmaputra	SW225	Jamalpur	14-Jul-11	14.344
Old Brahmaputra	SW225	Jamalpur	15-Jul-11	14.35
Old Brahmaputra	SW225	Jamalpur	16-Jul-11	14.372
Old Brahmaputra	SW225	Jamalpur	17-Jul-11	14.416
Old Brahmaputra	SW225	Jamalpur	18-Jul-11	14.432
Old Brahmaputra	SW225	Jamalpur	19-Jul-11	14.53
Old Brahmaputra	SW225	Jamalpur	20-Jul-11	14.716
Old Brahmaputra	SW225	Jamalpur	21-Jul-11	14.844
Old Brahmaputra	SW225	Jamalpur	22-Jul-11	14.982
Old Brahmaputra	SW225	Jamalpur	23-Jul-11	15.124
Old Brahmaputra	SW225	Jamalpur	24-Jul-11	15.272
Old Brahmaputra	SW225	Jamalpur	25-Jul-11	15.28
Old Brahmaputra	SW225	Jamalpur	26-Jul-11	15.296
Old Brahmaputra	SW225	Jamalpur	27-Jul-11	15.242
Old Brahmaputra	SW225	Jamalpur	28-Jul-11	15.168
Old Brahmaputra	SW225	Jamalpur	29-Jul-11	15.086
Old Brahmaputra	SW225	Jamalpur	30-Jul-11	15.002
Old Brahmaputra	SW225	Jamalpur	31-Jul-11	14.954
Old Brahmaputra	SW225	Jamalpur	01-Aug-11	14.95

Old Brahmaputra	SW225	Jamalpur	02-Aug-11	14.994
Old Brahmaputra	SW225	Jamalpur	03-Aug-11	14.998
Old Brahmaputra	SW225	Jamalpur	04-Aug-11	14.946
Old Brahmaputra	SW225	Jamalpur	05-Aug-11	14.952
Old Brahmaputra	SW225	Jamalpur	06-Aug-11	14.902
Old Brahmaputra	SW225	Jamalpur	07-Aug-11	14.854
Old Brahmaputra	SW225	Jamalpur	08-Aug-11	14.922
Old Brahmaputra	SW225	Jamalpur	09-Aug-11	15.026
Old Brahmaputra	SW225	Jamalpur	10-Aug-11	15.124
Old Brahmaputra	SW225	Jamalpur	11-Aug-11	15.24
Old Brahmaputra	SW225	Jamalpur	12-Aug-11	15.22
Old Brahmaputra	SW225	Jamalpur	13-Aug-11	15.162
Old Brahmaputra	SW225	Jamalpur	14-Aug-11	15.096
Old Brahmaputra	SW225	Jamalpur	15-Aug-11	15.006
Old Brahmaputra	SW225	Jamalpur	16-Aug-11	14.988
Old Brahmaputra	SW225	Jamalpur	17-Aug-11	15.21
Old Brahmaputra	SW225	Jamalpur	18-Aug-11	15.29
Old Brahmaputra	SW225	Jamalpur	19-Aug-11	15.352
Old Brahmaputra	SW225	Jamalpur	20-Aug-11	15.406
Old Brahmaputra	SW225	Jamalpur	21-Aug-11	15.364
Old Brahmaputra	SW225	Jamalpur	22-Aug-11	15.332
Old Brahmaputra	SW225	Jamalpur	23-Aug-11	15.272
Old Brahmaputra	SW225	Jamalpur	24-Aug-11	15.256
Old Brahmaputra	SW225	Jamalpur	25-Aug-11	15.206
Old Brahmaputra	SW225	Jamalpur	26-Aug-11	15.162
Old Brahmaputra	SW225	Jamalpur	27-Aug-11	15.096
Old Brahmaputra	SW225	Jamalpur	28-Aug-11	14.916
Old Brahmaputra	SW225	Jamalpur	29-Aug-11	14.748
Old Brahmaputra	SW225	Jamalpur	30-Aug-11	14.5
Old Brahmaputra	SW225	Jamalpur	31-Aug-11	14.272
Old Brahmaputra	SW225	Jamalpur	01-Sep-11	14.02
Old Brahmaputra	SW225	Jamalpur	02-Sep-11	13.838
Old Brahmaputra	SW225	Jamalpur	03-Sep-11	13.636
Old Brahmaputra	SW225	Jamalpur	04-Sep-11	13.466
Old Brahmaputra	SW225	Jamalpur	05-Sep-11	13.328
Old Brahmaputra	SW225	Jamalpur	06-Sep-11	13.196
Old Brahmaputra	SW225	Jamalpur	07-Sep-11	13.076
Old Brahmaputra	SW225	Jamalpur	08-Sep-11	13.046
Old Brahmaputra	SW225	Jamalpur	09-Sep-11	12.972
Old Brahmaputra	SW225	Jamalpur	10-Sep-11	12.912
Old Brahmaputra	SW225	Jamalpur	11-Sep-11	12.89
Old Brahmaputra	SW225	Jamalpur	12-Sep-11	12.882
Old Brahmaputra	SW225	Jamalpur	13-Sep-11	12.868
Old Brahmaputra	SW225	Jamalpur	14-Sep-11	12.92
Old Brahmaputra	SW225	Jamalpur	15-Sep-11	12.912
Old Brahmaputra	SW225	Jamalpur	16-Sep-11	12.894
Old Brahmaputra	SW225	Jamalpur	17-Sep-11	13.022
Old Brahmaputra	SW225	Jamalpur	18-Sep-11	13.082
Old Brahmaputra	SW225	Jamalpur	19-Sep-11	13.298
Old Brahmaputra	SW225	Jamalpur	20-Sep-11	13.64

Old Brahmaputra	SW225	Jamalpur	21-Sep-11	13.868
Old Brahmaputra	SW225	Jamalpur	22-Sep-11	13.87
Old Brahmaputra	SW225	Jamalpur	23-Sep-11	13.804
Old Brahmaputra	SW225	Jamalpur	24-Sep-11	13.704
Old Brahmaputra	SW225	Jamalpur	25-Sep-11	13.528
Old Brahmaputra	SW225	Jamalpur	26-Sep-11	13.418
Old Brahmaputra	SW225	Jamalpur	27-Sep-11	13.394
Old Brahmaputra	SW225	Jamalpur	28-Sep-11	13.516
Old Brahmaputra	SW225	Jamalpur	29-Sep-11	13.556
Old Brahmaputra	SW225	Jamalpur	30-Sep-11	13.58
Old Brahmaputra	SW225	Jamalpur	01-Oct-11	13.562
Old Brahmaputra	SW225	Jamalpur	02-Oct-11	13.514
Old Brahmaputra	SW225	Jamalpur	03-Oct-11	13.532
Old Brahmaputra	SW225	Jamalpur	04-Oct-11	13.48
Old Brahmaputra	SW225	Jamalpur	05-Oct-11	13.39
Old Brahmaputra	SW225	Jamalpur	06-Oct-11	13.318
Old Brahmaputra	SW225	Jamalpur	07-Oct-11	13.234
Old Brahmaputra	SW225	Jamalpur	08-Oct-11	13.064
Old Brahmaputra	SW225	Jamalpur	09-Oct-11	12.886
Old Brahmaputra	SW225	Jamalpur	10-Oct-11	12.618
Old Brahmaputra	SW225	Jamalpur	11-Oct-11	12.468
Old Brahmaputra	SW225	Jamalpur	12-Oct-11	12.44
Old Brahmaputra	SW225	Jamalpur	13-Oct-11	12.412
Old Brahmaputra	SW225	Jamalpur	14-Oct-11	12.384
Old Brahmaputra	SW225	Jamalpur	15-Oct-11	12.338
Old Brahmaputra	SW225	Jamalpur	16-Oct-11	12.26
Old Brahmaputra	SW225	Jamalpur	17-Oct-11	12.184
Old Brahmaputra	SW225	Jamalpur	18-Oct-11	12.122
Old Brahmaputra	SW225	Jamalpur	19-Oct-11	12.056
Old Brahmaputra	SW225	Jamalpur	20-Oct-11	11.984
Old Brahmaputra	SW225	Jamalpur	21-Oct-11	11.964
Old Brahmaputra	SW225	Jamalpur	22-Oct-11	11.96
Old Brahmaputra	SW225	Jamalpur	23-Oct-11	11.938
Old Brahmaputra	SW225	Jamalpur	24-Oct-11	11.906
Old Brahmaputra	SW225	Jamalpur	25-Oct-11	11.88
Old Brahmaputra	SW225	Jamalpur	26-Oct-11	11.866
Old Brahmaputra	SW225	Jamalpur	27-Oct-11	11.836
Old Brahmaputra	SW225	Jamalpur	28-Oct-11	11.804
Old Brahmaputra	SW225	Jamalpur	29-Oct-11	11.77
Old Brahmaputra	SW225	Jamalpur	30-Oct-11	11.754
Old Brahmaputra	SW225	Jamalpur	31-Oct-11	11.74
Old Brahmaputra	SW225	Jamalpur	01-Nov-11	11.72
Old Brahmaputra	SW225	Jamalpur	02-Nov-11	11.708
Old Brahmaputra	SW225	Jamalpur	03-Nov-11	11.7
Old Brahmaputra	SW225	Jamalpur	04-Nov-11	11.688
Old Brahmaputra	SW225	Jamalpur	05-Nov-11	11.68
Old Brahmaputra	SW225	Jamalpur	06-Nov-11	11.67
Old Brahmaputra	SW225	Jamalpur	07-Nov-11	11.67
Old Brahmaputra	SW225	Jamalpur	08-Nov-11	11.66
Old Brahmaputra	SW225	Jamalpur	09-Nov-11	11.66

Old Brahmaputra	SW225	Jamalpur	10-Nov-11	11.65
Old Brahmaputra	SW225	Jamalpur	11-Nov-11	11.636
Old Brahmaputra	SW225	Jamalpur	12-Nov-11	11.618
Old Brahmaputra	SW225	Jamalpur	13-Nov-11	11.588
Old Brahmaputra	SW225	Jamalpur	14-Nov-11	11.576
Old Brahmaputra	SW225	Jamalpur	15-Nov-11	11.57
Old Brahmaputra	SW225	Jamalpur	16-Nov-11	11.558
Old Brahmaputra	SW225	Jamalpur	17-Nov-11	11.55
Old Brahmaputra	SW225	Jamalpur	18-Nov-11	11.54
Old Brahmaputra	SW225	Jamalpur	19-Nov-11	11.528
Old Brahmaputra	SW225	Jamalpur	20-Nov-11	11.52
Old Brahmaputra	SW225	Jamalpur	21-Nov-11	11.52
Old Brahmaputra	SW225	Jamalpur	22-Nov-11	11.51
Old Brahmaputra	SW225	Jamalpur	23-Nov-11	11.5
Old Brahmaputra	SW225	Jamalpur	24-Nov-11	11.49
Old Brahmaputra	SW225	Jamalpur	25-Nov-11	11.48
Old Brahmaputra	SW225	Jamalpur	26-Nov-11	11.48
Old Brahmaputra	SW225	Jamalpur	27-Nov-11	11.47
Old Brahmaputra	SW225	Jamalpur	28-Nov-11	11.46
Old Brahmaputra	SW225	Jamalpur	29-Nov-11	11.462
Old Brahmaputra	SW225	Jamalpur	30-Nov-11	11.45
Old Brahmaputra	SW225	Jamalpur	01-Dec-11	11.44
Old Brahmaputra	SW225	Jamalpur	02-Dec-11	11.44
Old Brahmaputra	SW225	Jamalpur	03-Dec-11	11.43
Old Brahmaputra	SW225	Jamalpur	04-Dec-11	11.42
Old Brahmaputra	SW225	Jamalpur	05-Dec-11	11.42
Old Brahmaputra	SW225	Jamalpur	06-Dec-11	11.406
Old Brahmaputra	SW225	Jamalpur	07-Dec-11	11.38
Old Brahmaputra	SW225	Jamalpur	08-Dec-11	11.37
Old Brahmaputra	SW225	Jamalpur	09-Dec-11	11.35
Old Brahmaputra	SW225	Jamalpur	10-Dec-11	11.35
Old Brahmaputra	SW225	Jamalpur	11-Dec-11	11.35
Old Brahmaputra	SW225	Jamalpur	12-Dec-11	11.34
Old Brahmaputra	SW225	Jamalpur	13-Dec-11	11.34
Old Brahmaputra	SW225	Jamalpur	14-Dec-11	11.34
Old Brahmaputra	SW225	Jamalpur	15-Dec-11	11.34
Old Brahmaputra	SW225	Jamalpur	16-Dec-11	11.33
Old Brahmaputra	SW225	Jamalpur	17-Dec-11	11.33
Old Brahmaputra	SW225	Jamalpur	18-Dec-11	11.33
Old Brahmaputra	SW225	Jamalpur	19-Dec-11	11.33
Old Brahmaputra	SW225	Jamalpur	20-Dec-11	11.32
Old Brahmaputra	SW225	Jamalpur	21-Dec-11	11.32
Old Brahmaputra	SW225	Jamalpur	22-Dec-11	11.31
Old Brahmaputra	SW225	Jamalpur	23-Dec-11	11.31
Old Brahmaputra	SW225	Jamalpur	24-Dec-11	11.31
Old Brahmaputra	SW225	Jamalpur	25-Dec-11	11.31
Old Brahmaputra	SW225	Jamalpur	26-Dec-11	11.31
Old Brahmaputra	SW225	Jamalpur	27-Dec-11	11.3
Old Brahmaputra	SW225	Jamalpur	28-Dec-11	11.3
Old Brahmaputra	SW225	Jamalpur	29-Dec-11	11.3

Old Brahmaputra	SW225	Jamalpur	01-Jan-12	11.29
Old Brahmaputra	SW225	Jamalpur	02-Jan-12	11.29
Old Brahmaputra	SW225	Jamalpur	03-Jan-12	11.28
Old Brahmaputra	SW225	Jamalpur	04-Jan-12	11.27
Old Brahmaputra	SW225	Jamalpur	05-Jan-12	11.27
Old Brahmaputra	SW225	Jamalpur	06-Jan-12	11.26
Old Brahmaputra	SW225	Jamalpur	07-Jan-12	11.25
Old Brahmaputra	SW225	Jamalpur	08-Jan-12	11.24
Old Brahmaputra	SW225	Jamalpur	09-Jan-12	11.24
Old Brahmaputra	SW225	Jamalpur	10-Jan-12	11.23
Old Brahmaputra	SW225	Jamalpur	11-Jan-12	11.23
Old Brahmaputra	SW225	Jamalpur	12-Jan-12	11.22
Old Brahmaputra	SW225	Jamalpur	13-Jan-12	11.21
Old Brahmaputra	SW225	Jamalpur	14-Jan-12	11.21
Old Brahmaputra	SW225	Jamalpur	15-Jan-12	11.2
Old Brahmaputra	SW225	Jamalpur	16-Jan-12	11.2
Old Brahmaputra	SW225	Jamalpur	17-Jan-12	11.19
Old Brahmaputra	SW225	Jamalpur	18-Jan-12	11.19
Old Brahmaputra	SW225	Jamalpur	19-Jan-12	11.18
Old Brahmaputra	SW225	Jamalpur	20-Jan-12	11.18
Old Brahmaputra	SW225	Jamalpur	21-Jan-12	11.17
Old Brahmaputra	SW225	Jamalpur	22-Jan-12	11.17
Old Brahmaputra	SW225	Jamalpur	23-Jan-12	11.16
Old Brahmaputra	SW225	Jamalpur	24-Jan-12	11.16
Old Brahmaputra	SW225	Jamalpur	25-Jan-12	11.15
Old Brahmaputra	SW225	Jamalpur	26-Jan-12	11.14
Old Brahmaputra	SW225	Jamalpur	27-Jan-12	11.13
Old Brahmaputra	SW225	Jamalpur	28-Jan-12	11.12
Old Brahmaputra	SW225	Jamalpur	29-Jan-12	11.12
Old Brahmaputra	SW225	Jamalpur	30-Jan-12	11.11
Old Brahmaputra	SW225	Jamalpur	31-Jan-12	11.1
Old Brahmaputra	SW225	Jamalpur	01-Feb-12	11.09
Old Brahmaputra	SW225	Jamalpur	02-Feb-12	11.08
Old Brahmaputra	SW225	Jamalpur	03-Feb-12	11.07
Old Brahmaputra	SW225	Jamalpur	04-Feb-12	11.058
Old Brahmaputra	SW225	Jamalpur	05-Feb-12	11.028
Old Brahmaputra	SW225	Jamalpur	06-Feb-12	11.008
Old Brahmaputra	SW225	Jamalpur	07-Feb-12	10.99
Old Brahmaputra	SW225	Jamalpur	08-Feb-12	10.964
Old Brahmaputra	SW225	Jamalpur	09-Feb-12	10.928
Old Brahmaputra	SW225	Jamalpur	10-Feb-12	10.898
Old Brahmaputra	SW225	Jamalpur	11-Feb-12	10.88
Old Brahmaputra	SW225	Jamalpur	12-Feb-12	10.87
Old Brahmaputra	SW225	Jamalpur	13-Feb-12	10.86
Old Brahmaputra	SW225	Jamalpur	14-Feb-12	10.85
Old Brahmaputra	SW225	Jamalpur	15-Feb-12	10.846
Old Brahmaputra	SW225	Jamalpur	16-Feb-12	10.83
Old Brahmaputra	SW225	Jamalpur	17-Feb-12	10.82
Old Brahmaputra	SW225	Jamalpur	18-Feb-12	10.818
Old Brahmaputra	SW225	Jamalpur	19-Feb-12	10.8

Old Brahmaputra	SW225	Jamalpur	20-Feb-12	10.798
Old Brahmaputra	SW225	Jamalpur	21-Feb-12	10.79
Old Brahmaputra	SW225	Jamalpur	22-Feb-12	10.79
Old Brahmaputra	SW225	Jamalpur	23-Feb-12	10.782
Old Brahmaputra	SW225	Jamalpur	24-Feb-12	10.778
Old Brahmaputra	SW225	Jamalpur	25-Feb-12	10.77
Old Brahmaputra	SW225	Jamalpur	26-Feb-12	10.77
Old Brahmaputra	SW225	Jamalpur	27-Feb-12	10.764
Old Brahmaputra	SW225	Jamalpur	28-Feb-12	10.76
Old Brahmaputra	SW225	Jamalpur	29-Feb-12	10.76
Old Brahmaputra	SW225	Jamalpur	01-Mar-12	10.75
Old Brahmaputra	SW225	Jamalpur	02-Mar-12	10.75
Old Brahmaputra	SW225	Jamalpur	03-Mar-12	10.75
Old Brahmaputra	SW225	Jamalpur	04-Mar-12	10.74
Old Brahmaputra	SW225	Jamalpur	05-Mar-12	10.74
Old Brahmaputra	SW225	Jamalpur	06-Mar-12	10.74
Old Brahmaputra	SW225	Jamalpur	07-Mar-12	10.73
Old Brahmaputra	SW225	Jamalpur	08-Mar-12	10.73
Old Brahmaputra	SW225	Jamalpur	09-Mar-12	10.73
Old Brahmaputra	SW225	Jamalpur	10-Mar-12	10.73
Old Brahmaputra	SW225	Jamalpur	11-Mar-12	10.72
Old Brahmaputra	SW225	Jamalpur	12-Mar-12	10.72
Old Brahmaputra	SW225	Jamalpur	13-Mar-12	10.72
Old Brahmaputra	SW225	Jamalpur	14-Mar-12	10.71
Old Brahmaputra	SW225	Jamalpur	15-Mar-12	10.71
Old Brahmaputra	SW225	Jamalpur	16-Mar-12	10.7
Old Brahmaputra	SW225	Jamalpur	17-Mar-12	10.7
Old Brahmaputra	SW225	Jamalpur	18-Mar-12	10.7
Old Brahmaputra	SW225	Jamalpur	19-Mar-12	10.69
Old Brahmaputra	SW225	Jamalpur	20-Mar-12	10.69
Old Brahmaputra	SW225	Jamalpur	21-Mar-12	10.68
Old Brahmaputra	SW225	Jamalpur	22-Mar-12	10.68
Old Brahmaputra	SW225	Jamalpur	23-Mar-12	10.66
Old Brahmaputra	SW225	Jamalpur	24-Mar-12	10.66
Old Brahmaputra	SW225	Jamalpur	25-Mar-12	10.65
Old Brahmaputra	SW225	Jamalpur	26-Mar-12	10.65
Old Brahmaputra	SW225	Jamalpur	27-Mar-12	10.65
Old Brahmaputra	SW225	Jamalpur	28-Mar-12	10.64
Old Brahmaputra	SW225	Jamalpur	29-Mar-12	10.64
Old Brahmaputra	SW225	Jamalpur	30-Mar-12	10.64
Old Brahmaputra	SW225	Jamalpur	31-Mar-12	10.63
Old Brahmaputra	SW225	Jamalpur	01-Apr-12	10.63
Old Brahmaputra	SW225	Jamalpur	02-Apr-12	10.63
Old Brahmaputra	SW225	Jamalpur	03-Apr-12	10.63
Old Brahmaputra	SW225	Jamalpur	04-Apr-12	10.62
Old Brahmaputra	SW225	Jamalpur	05-Apr-12	10.62
Old Brahmaputra	SW225	Jamalpur	06-Apr-12	10.63
Old Brahmaputra	SW225	Jamalpur	07-Apr-12	10.63
Old Brahmaputra	SW225	Jamalpur	08-Apr-12	10.63
Old Brahmaputra	SW225	Jamalpur	09-Apr-12	10.63

Old Brahmaputra	SW225	Jamalpur	10-Apr-12	10.64
Old Brahmaputra	SW225	Jamalpur	11-Apr-12	10.65
Old Brahmaputra	SW225	Jamalpur	12-Apr-12	10.65
Old Brahmaputra	SW225	Jamalpur	13-Apr-12	10.67
Old Brahmaputra	SW225	Jamalpur	14-Apr-12	10.67
Old Brahmaputra	SW225	Jamalpur	15-Apr-12	10.68
Old Brahmaputra	SW225	Jamalpur	16-Apr-12	10.75
Old Brahmaputra	SW225	Jamalpur	17-Apr-12	10.776
Old Brahmaputra	SW225	Jamalpur	18-Apr-12	10.794
Old Brahmaputra	SW225	Jamalpur	19-Apr-12	10.888
Old Brahmaputra	SW225	Jamalpur	20-Apr-12	10.928
Old Brahmaputra	SW225	Jamalpur	21-Apr-12	10.89
Old Brahmaputra	SW225	Jamalpur	22-Apr-12	10.854
Old Brahmaputra	SW225	Jamalpur	23-Apr-12	10.85
Old Brahmaputra	SW225	Jamalpur	24-Apr-12	10.85
Old Brahmaputra	SW225	Jamalpur	25-Apr-12	10.85
Old Brahmaputra	SW225	Jamalpur	26-Apr-12	10.904
Old Brahmaputra	SW225	Jamalpur	27-Apr-12	10.952
Old Brahmaputra	SW225	Jamalpur	28-Apr-12	10.996
Old Brahmaputra	SW225	Jamalpur	29-Apr-12	11
Old Brahmaputra	SW225	Jamalpur	30-Apr-12	10.92
Old Brahmaputra	SW225	Jamalpur	01-May-12	10.874
Old Brahmaputra	SW225	Jamalpur	02-May-12	10.91
Old Brahmaputra	SW225	Jamalpur	03-May-12	10.908
Old Brahmaputra	SW225	Jamalpur	04-May-12	10.862
Old Brahmaputra	SW225	Jamalpur	05-May-12	10.846
Old Brahmaputra	SW225	Jamalpur	06-May-12	10.834
Old Brahmaputra	SW225	Jamalpur	07-May-12	10.85
Old Brahmaputra	SW225	Jamalpur	08-May-12	10.928
Old Brahmaputra	SW225	Jamalpur	09-May-12	11.04
Old Brahmaputra	SW225	Jamalpur	10-May-12	11.136
Old Brahmaputra	SW225	Jamalpur	11-May-12	11.224
Old Brahmaputra	SW225	Jamalpur	12-May-12	11.298
Old Brahmaputra	SW225	Jamalpur	13-May-12	11.264
Old Brahmaputra	SW225	Jamalpur	14-May-12	11.128
Old Brahmaputra	SW225	Jamalpur	15-May-12	11.044
Old Brahmaputra	SW225	Jamalpur	16-May-12	11.046
Old Brahmaputra	SW225	Jamalpur	17-May-12	11.074
Old Brahmaputra	SW225	Jamalpur	18-May-12	11.034
Old Brahmaputra	SW225	Jamalpur	19-May-12	11.02
Old Brahmaputra	SW225	Jamalpur	20-May-12	11.024
Old Brahmaputra	SW225	Jamalpur	21-May-12	10.996
Old Brahmaputra	SW225	Jamalpur	22-May-12	11.026
Old Brahmaputra	SW225	Jamalpur	23-May-12	11.554
Old Brahmaputra	SW225	Jamalpur	24-May-12	11.908
Old Brahmaputra	SW225	Jamalpur	25-May-12	12.134
Old Brahmaputra	SW225	Jamalpur	26-May-12	12.162
Old Brahmaputra	SW225	Jamalpur	27-May-12	11.922
Old Brahmaputra	SW225	Jamalpur	28-May-12	11.746
Old Brahmaputra	SW225	Jamalpur	29-May-12	11.59

Old Brahmaputra	SW225	Jamalpur	30-May-12	11.572
Old Brahmaputra	SW225	Jamalpur	31-May-12	11.55
Old Brahmaputra	SW225	Jamalpur	01-Jun-12	11.558
Old Brahmaputra	SW225	Jamalpur	02-Jun-12	11.602
Old Brahmaputra	SW225	Jamalpur	03-Jun-12	11.768
Old Brahmaputra	SW225	Jamalpur	04-Jun-12	11.87
Old Brahmaputra	SW225	Jamalpur	05-Jun-12	11.758
Old Brahmaputra	SW225	Jamalpur	06-Jun-12	11.704
Old Brahmaputra	SW225	Jamalpur	07-Jun-12	11.818
Old Brahmaputra	SW225	Jamalpur	08-Jun-12	12.37
Old Brahmaputra	SW225	Jamalpur	09-Jun-12	12.78
Old Brahmaputra	SW225	Jamalpur	10-Jun-12	13.202
Old Brahmaputra	SW225	Jamalpur	11-Jun-12	13.454
Old Brahmaputra	SW225	Jamalpur	12-Jun-12	13.418
Old Brahmaputra	SW225	Jamalpur	13-Jun-12	13.252
Old Brahmaputra	SW225	Jamalpur	14-Jun-12	13.072
Old Brahmaputra	SW225	Jamalpur	15-Jun-12	13.018
Old Brahmaputra	SW225	Jamalpur	16-Jun-12	13.208
Old Brahmaputra	SW225	Jamalpur	17-Jun-12	13.494
Old Brahmaputra	SW225	Jamalpur	18-Jun-12	13.734
Old Brahmaputra	SW225	Jamalpur	19-Jun-12	13.938
Old Brahmaputra	SW225	Jamalpur	20-Jun-12	14.042
Old Brahmaputra	SW225	Jamalpur	21-Jun-12	13.948
Old Brahmaputra	SW225	Jamalpur	22-Jun-12	13.772
Old Brahmaputra	SW225	Jamalpur	23-Jun-12	13.594
Old Brahmaputra	SW225	Jamalpur	24-Jun-12	13.52
Old Brahmaputra	SW225	Jamalpur	25-Jun-12	13.568
Old Brahmaputra	SW225	Jamalpur	26-Jun-12	13.728
Old Brahmaputra	SW225	Jamalpur	27-Jun-12	14.034
Old Brahmaputra	SW225	Jamalpur	28-Jun-12	14.48
Old Brahmaputra	SW225	Jamalpur	29-Jun-12	14.99
Old Brahmaputra	SW225	Jamalpur	30-Jun-12	15.298
Old Brahmaputra	SW225	Jamalpur	01-Jul-12	15.516
Old Brahmaputra	SW225	Jamalpur	02-Jul-12	15.734
Old Brahmaputra	SW225	Jamalpur	03-Jul-12	15.758
Old Brahmaputra	SW225	Jamalpur	04-Jul-12	15.832
Old Brahmaputra	SW225	Jamalpur	05-Jul-12	15.836
Old Brahmaputra	SW225	Jamalpur	06-Jul-12	15.68
Old Brahmaputra	SW225	Jamalpur	07-Jul-12	15.55
Old Brahmaputra	SW225	Jamalpur	08-Jul-12	15.452
Old Brahmaputra	SW225	Jamalpur	09-Jul-12	15.208
Old Brahmaputra	SW225	Jamalpur	10-Jul-12	14.986
Old Brahmaputra	SW225	Jamalpur	11-Jul-12	14.98
Old Brahmaputra	SW225	Jamalpur	12-Jul-12	14.9
Old Brahmaputra	SW225	Jamalpur	13-Jul-12	14.864
Old Brahmaputra	SW225	Jamalpur	14-Jul-12	14.86
Old Brahmaputra	SW225	Jamalpur	15-Jul-12	14.898
Old Brahmaputra	SW225	Jamalpur	16-Jul-12	14.958
Old Brahmaputra	SW225	Jamalpur	17-Jul-12	15.19
Old Brahmaputra	SW225	Jamalpur	18-Jul-12	15.454

Old Brahmaputra	SW225	Jamalpur	19-Jul-12	15.598
Old Brahmaputra	SW225	Jamalpur	20-Jul-12	15.722
Old Brahmaputra	SW225	Jamalpur	21-Jul-12	15.804
Old Brahmaputra	SW225	Jamalpur	22-Jul-12	15.898
Old Brahmaputra	SW225	Jamalpur	23-Jul-12	15.978
Old Brahmaputra	SW225	Jamalpur	24-Jul-12	16.016
Old Brahmaputra	SW225	Jamalpur	25-Jul-12	16.068
Old Brahmaputra	SW225	Jamalpur	26-Jul-12	16.006
Old Brahmaputra	SW225	Jamalpur	27-Jul-12	15.982
Old Brahmaputra	SW225	Jamalpur	28-Jul-12	15.908
Old Brahmaputra	SW225	Jamalpur	29-Jul-12	15.826
Old Brahmaputra	SW225	Jamalpur	30-Jul-12	15.78
Old Brahmaputra	SW225	Jamalpur	31-Jul-12	15.714
Old Brahmaputra	SW225	Jamalpur	01-Aug-12	15.628
Old Brahmaputra	SW225	Jamalpur	02-Aug-12	15.522
Old Brahmaputra	SW225	Jamalpur	03-Aug-12	15.45
Old Brahmaputra	SW225	Jamalpur	04-Aug-12	15.388
Old Brahmaputra	SW225	Jamalpur	05-Aug-12	15.29
Old Brahmaputra	SW225	Jamalpur	06-Aug-12	15.218
Old Brahmaputra	SW225	Jamalpur	07-Aug-12	15.112
Old Brahmaputra	SW225	Jamalpur	08-Aug-12	15.076
Old Brahmaputra	SW225	Jamalpur	09-Aug-12	15.03
Old Brahmaputra	SW225	Jamalpur	10-Aug-12	14.944
Old Brahmaputra	SW225	Jamalpur	11-Aug-12	14.886
Old Brahmaputra	SW225	Jamalpur	12-Aug-12	14.774
Old Brahmaputra	SW225	Jamalpur	13-Aug-12	14.662
Old Brahmaputra	SW225	Jamalpur	14-Aug-12	14.586
Old Brahmaputra	SW225	Jamalpur	15-Aug-12	14.48
Old Brahmaputra	SW225	Jamalpur	16-Aug-12	14.39
Old Brahmaputra	SW225	Jamalpur	17-Aug-12	14.278
Old Brahmaputra	SW225	Jamalpur	18-Aug-12	14.044
Old Brahmaputra	SW225	Jamalpur	19-Aug-12	13.912
Old Brahmaputra	SW225	Jamalpur	20-Aug-12	13.892
Old Brahmaputra	SW225	Jamalpur	21-Aug-12	13.88
Old Brahmaputra	SW225	Jamalpur	22-Aug-12	13.894
Old Brahmaputra	SW225	Jamalpur	23-Aug-12	14.058
Old Brahmaputra	SW225	Jamalpur	24-Aug-12	14.06
Old Brahmaputra	SW225	Jamalpur	25-Aug-12	14.13
Old Brahmaputra	SW225	Jamalpur	26-Aug-12	14.206
Old Brahmaputra	SW225	Jamalpur	27-Aug-12	14.312
Old Brahmaputra	SW225	Jamalpur	28-Aug-12	14.4
Old Brahmaputra	SW225	Jamalpur	29-Aug-12	14.582
Old Brahmaputra	SW225	Jamalpur	30-Aug-12	14.726
Old Brahmaputra	SW225	Jamalpur	31-Aug-12	14.804
Old Brahmaputra	SW225	Jamalpur	01-Oct-12	16.718
Old Brahmaputra	SW225	Jamalpur	02-Oct-12	16.47
Old Brahmaputra	SW225	Jamalpur	03-Oct-12	16.338
Old Brahmaputra	SW225	Jamalpur	04-Oct-12	16.214
Old Brahmaputra	SW225	Jamalpur	05-Oct-12	16.006
Old Brahmaputra	SW225	Jamalpur	06-Oct-12	15.818

Old Brahmaputra	SW225	Jamalpur	07-Oct-12	15.648
Old Brahmaputra	SW225	Jamalpur	08-Oct-12	15.382
Old Brahmaputra	SW225	Jamalpur	09-Oct-12	15.096
Old Brahmaputra	SW225	Jamalpur	10-Oct-12	14.962
Old Brahmaputra	SW225	Jamalpur	11-Oct-12	14.928
Old Brahmaputra	SW225	Jamalpur	12-Oct-12	14.854
Old Brahmaputra	SW225	Jamalpur	13-Oct-12	14.706
Old Brahmaputra	SW225	Jamalpur	14-Oct-12	14.46
Old Brahmaputra	SW225	Jamalpur	15-Oct-12	14.248
Old Brahmaputra	SW225	Jamalpur	16-Oct-12	14.018
Old Brahmaputra	SW225	Jamalpur	17-Oct-12	13.762
Old Brahmaputra	SW225	Jamalpur	18-Oct-12	13.624
Old Brahmaputra	SW225	Jamalpur	19-Oct-12	13.524
Old Brahmaputra	SW225	Jamalpur	20-Oct-12	13.426
Old Brahmaputra	SW225	Jamalpur	21-Oct-12	13.33
Old Brahmaputra	SW225	Jamalpur	22-Oct-12	13.198
Old Brahmaputra	SW225	Jamalpur	23-Oct-12	12.938
Old Brahmaputra	SW225	Jamalpur	24-Oct-12	12.834
Old Brahmaputra	SW225	Jamalpur	25-Oct-12	12.75
Old Brahmaputra	SW225	Jamalpur	26-Oct-12	12.646
Old Brahmaputra	SW225	Jamalpur	27-Oct-12	12.572
Old Brahmaputra	SW225	Jamalpur	28-Oct-12	12.542
Old Brahmaputra	SW225	Jamalpur	29-Oct-12	12.502
Old Brahmaputra	SW225	Jamalpur	30-Oct-12	12.438
Old Brahmaputra	SW225	Jamalpur	31-Oct-12	12.334
Old Brahmaputra	SW225	Jamalpur	01-Nov-12	12.264
Old Brahmaputra	SW225	Jamalpur	02-Nov-12	12.244
Old Brahmaputra	SW225	Jamalpur	03-Nov-12	12.23
Old Brahmaputra	SW225	Jamalpur	04-Nov-12	12.22
Old Brahmaputra	SW225	Jamalpur	05-Nov-12	12.21
Old Brahmaputra	SW225	Jamalpur	06-Nov-12	12.2
Old Brahmaputra	SW225	Jamalpur	07-Nov-12	12.186
Old Brahmaputra	SW225	Jamalpur	08-Nov-12	12.174
Old Brahmaputra	SW225	Jamalpur	09-Nov-12	12.156
Old Brahmaputra	SW225	Jamalpur	10-Nov-12	12.134
Old Brahmaputra	SW225	Jamalpur	11-Nov-12	12.12
Old Brahmaputra	SW225	Jamalpur	12-Nov-12	12.096
Old Brahmaputra	SW225	Jamalpur	13-Nov-12	12.08
Old Brahmaputra	SW225	Jamalpur	14-Nov-12	12.07
Old Brahmaputra	SW225	Jamalpur	15-Nov-12	12.06
Old Brahmaputra	SW225	Jamalpur	16-Nov-12	12.06
Old Brahmaputra	SW225	Jamalpur	17-Nov-12	12.05
Old Brahmaputra	SW225	Jamalpur	18-Nov-12	12.05
Old Brahmaputra	SW225	Jamalpur	19-Nov-12	12.04
Old Brahmaputra	SW225	Jamalpur	20-Nov-12	12.03
Old Brahmaputra	SW225	Jamalpur	21-Nov-12	12.02
Old Brahmaputra	SW225	Jamalpur	22-Nov-12	12.02
Old Brahmaputra	SW225	Jamalpur	23-Nov-12	12.01
Old Brahmaputra	SW225	Jamalpur	24-Nov-12	12
Old Brahmaputra	SW225	Jamalpur	25-Nov-12	11.986

Old Brahmaputra	SW225	Jamalpur	26-Nov-12	11.97
Old Brahmaputra	SW225	Jamalpur	27-Nov-12	11.96
Old Brahmaputra	SW225	Jamalpur	28-Nov-12	11.95
Old Brahmaputra	SW225	Jamalpur	29-Nov-12	11.94
Old Brahmaputra	SW225	Jamalpur	30-Nov-12	11.94
Old Brahmaputra	SW225	Jamalpur	01-Dec-12	11.93
Old Brahmaputra	SW225	Jamalpur	02-Dec-12	11.93
Old Brahmaputra	SW225	Jamalpur	03-Dec-12	11.92
Old Brahmaputra	SW225	Jamalpur	04-Dec-12	11.91
Old Brahmaputra	SW225	Jamalpur	05-Dec-12	11.9
Old Brahmaputra	SW225	Jamalpur	06-Dec-12	11.89
Old Brahmaputra	SW225	Jamalpur	07-Dec-12	11.88
Old Brahmaputra	SW225	Jamalpur	08-Dec-12	11.88
Old Brahmaputra	SW225	Jamalpur	09-Dec-12	11.87
Old Brahmaputra	SW225	Jamalpur	10-Dec-12	11.87
Old Brahmaputra	SW225	Jamalpur	11-Dec-12	11.86
Old Brahmaputra	SW225	Jamalpur	12-Dec-12	11.86
Old Brahmaputra	SW225	Jamalpur	13-Dec-12	11.85
Old Brahmaputra	SW225	Jamalpur	14-Dec-12	11.85
Old Brahmaputra	SW225	Jamalpur	15-Dec-12	11.84
Old Brahmaputra	SW225	Jamalpur	16-Dec-12	11.84
Old Brahmaputra	SW225	Jamalpur	17-Dec-12	11.83
Old Brahmaputra	SW225	Jamalpur	18-Dec-12	11.83
Old Brahmaputra	SW225	Jamalpur	19-Dec-12	11.82
Old Brahmaputra	SW225	Jamalpur	20-Dec-12	11.82
Old Brahmaputra	SW225	Jamalpur	21-Dec-12	11.81
Old Brahmaputra	SW225	Jamalpur	22-Dec-12	11.81
Old Brahmaputra	SW225	Jamalpur	23-Dec-12	11.81
Old Brahmaputra	SW225	Jamalpur	24-Dec-12	11.82
Old Brahmaputra	SW225	Jamalpur	25-Dec-12	11.82
Old Brahmaputra	SW225	Jamalpur	26-Dec-12	11.83
Old Brahmaputra	SW225	Jamalpur	27-Dec-12	11.83
Old Brahmaputra	SW225	Jamalpur	28-Dec-12	11.83
Old Brahmaputra	SW225	Jamalpur	29-Dec-12	11.83
Old Brahmaputra	SW225	Jamalpur	30-Dec-12	11.84
Old Brahmaputra	SW225	Jamalpur	31-Dec-12	11.84
Old Brahmaputra	SW225	Jamalpur	01-Jan-13	11.84
Old Brahmaputra	SW225	Jamalpur	02-Jan-13	11.84
Old Brahmaputra	SW225	Jamalpur	03-Jan-13	11.85
Old Brahmaputra	SW225	Jamalpur	04-Jan-13	11.85
Old Brahmaputra	SW225	Jamalpur	05-Jan-13	11.85
Old Brahmaputra	SW225	Jamalpur	06-Jan-13	11.85
Old Brahmaputra	SW225	Jamalpur	07-Jan-13	11.84
Old Brahmaputra	SW225	Jamalpur	08-Jan-13	11.834
Old Brahmaputra	SW225	Jamalpur	09-Jan-13	11.83
Old Brahmaputra	SW225	Jamalpur	10-Jan-13	11.826
Old Brahmaputra	SW225	Jamalpur	11-Jan-13	11.82
Old Brahmaputra	SW225	Jamalpur	12-Jan-13	11.814
Old Brahmaputra	SW225	Jamalpur	13-Jan-13	11.81
Old Brahmaputra	SW225	Jamalpur	14-Jan-13	11.81

Old Brahmaputra	SW225	Jamalpur	15-Jan-13	11.8
Old Brahmaputra	SW225	Jamalpur	16-Jan-13	11.8
Old Brahmaputra	SW225	Jamalpur	17-Jan-13	11.79
Old Brahmaputra	SW225	Jamalpur	18-Jan-13	11.79
Old Brahmaputra	SW225	Jamalpur	19-Jan-13	11.78
Old Brahmaputra	SW225	Jamalpur	20-Jan-13	11.78
Old Brahmaputra	SW225	Jamalpur	21-Jan-13	11.78
Old Brahmaputra	SW225	Jamalpur	22-Jan-13	11.77
Old Brahmaputra	SW225	Jamalpur	23-Jan-13	11.77
Old Brahmaputra	SW225	Jamalpur	24-Jan-13	11.76
Old Brahmaputra	SW225	Jamalpur	25-Jan-13	11.76
Old Brahmaputra	SW225	Jamalpur	26-Jan-13	11.75
Old Brahmaputra	SW225	Jamalpur	27-Jan-13	11.74
Old Brahmaputra	SW225	Jamalpur	28-Jan-13	11.73
Old Brahmaputra	SW225	Jamalpur	29-Jan-13	11.72
Old Brahmaputra	SW225	Jamalpur	30-Jan-13	11.714
Old Brahmaputra	SW225	Jamalpur	31-Jan-13	11.702
Old Brahmaputra	SW225	Jamalpur	01-Feb-13	11.69
Old Brahmaputra	SW225	Jamalpur	02-Feb-13	11.69
Old Brahmaputra	SW225	Jamalpur	03-Feb-13	11.68
Old Brahmaputra	SW225	Jamalpur	04-Feb-13	11.67
Old Brahmaputra	SW225	Jamalpur	05-Feb-13	11.65
Old Brahmaputra	SW225	Jamalpur	06-Feb-13	11.64
Old Brahmaputra	SW225	Jamalpur	07-Feb-13	11.62
Old Brahmaputra	SW225	Jamalpur	08-Feb-13	11.618
Old Brahmaputra	SW225	Jamalpur	09-Feb-13	11.598
Old Brahmaputra	SW225	Jamalpur	10-Feb-13	11.58
Old Brahmaputra	SW225	Jamalpur	11-Feb-13	11.57
Old Brahmaputra	SW225	Jamalpur	12-Feb-13	11.558
Old Brahmaputra	SW225	Jamalpur	13-Feb-13	11.544
Old Brahmaputra	SW225	Jamalpur	14-Feb-13	11.532
Old Brahmaputra	SW225	Jamalpur	15-Feb-13	11.518
Old Brahmaputra	SW225	Jamalpur	16-Feb-13	11.5
Old Brahmaputra	SW225	Jamalpur	17-Feb-13	11.488
Old Brahmaputra	SW225	Jamalpur	18-Feb-13	11.48
Old Brahmaputra	SW225	Jamalpur	19-Feb-13	11.47
Old Brahmaputra	SW225	Jamalpur	20-Feb-13	11.47
Old Brahmaputra	SW225	Jamalpur	21-Feb-13	11.46
Old Brahmaputra	SW225	Jamalpur	22-Feb-13	11.45
Old Brahmaputra	SW225	Jamalpur	23-Feb-13	11.44
Old Brahmaputra	SW225	Jamalpur	24-Feb-13	11.43
Old Brahmaputra	SW225	Jamalpur	25-Feb-13	11.42
Old Brahmaputra	SW225	Jamalpur	26-Feb-13	11.41
Old Brahmaputra	SW225	Jamalpur	27-Feb-13	11.41
Old Brahmaputra	SW225	Jamalpur	28-Feb-13	11.4
Old Brahmaputra	SW225	Jamalpur	01-Mar-13	11.39
Old Brahmaputra	SW225	Jamalpur	02-Mar-13	11.38
Old Brahmaputra	SW225	Jamalpur	03-Mar-13	11.38
Old Brahmaputra	SW225	Jamalpur	04-Mar-13	11.38
Old Brahmaputra	SW225	Jamalpur	05-Mar-13	11.38

Old Brahmaputra	SW225	Jamalpur	06-Mar-13	11.37
Old Brahmaputra	SW225	Jamalpur	07-Mar-13	11.37
Old Brahmaputra	SW225	Jamalpur	08-Mar-13	11.37
Old Brahmaputra	SW225	Jamalpur	09-Mar-13	11.37
Old Brahmaputra	SW225	Jamalpur	10-Mar-13	11.36
Old Brahmaputra	SW225	Jamalpur	11-Mar-13	11.36
Old Brahmaputra	SW225	Jamalpur	12-Mar-13	11.36
Old Brahmaputra	SW225	Jamalpur	13-Mar-13	11.36
Old Brahmaputra	SW225	Jamalpur	14-Mar-13	11.36
Old Brahmaputra	SW225	Jamalpur	15-Mar-13	11.35
Old Brahmaputra	SW225	Jamalpur	16-Mar-13	11.346
Old Brahmaputra	SW225	Jamalpur	17-Mar-13	11.34
Old Brahmaputra	SW225	Jamalpur	18-Mar-13	11.34
Old Brahmaputra	SW225	Jamalpur	19-Mar-13	11.33
Old Brahmaputra	SW225	Jamalpur	20-Mar-13	11.33
Old Brahmaputra	SW225	Jamalpur	21-Mar-13	11.33
Old Brahmaputra	SW225	Jamalpur	22-Mar-13	11.32
Old Brahmaputra	SW225	Jamalpur	23-Mar-13	11.32
Old Brahmaputra	SW225	Jamalpur	24-Mar-13	11.32
Old Brahmaputra	SW225	Jamalpur	25-Mar-13	11.31
Old Brahmaputra	SW225	Jamalpur	26-Mar-13	11.3
Old Brahmaputra	SW225	Jamalpur	27-Mar-13	11.29
Old Brahmaputra	SW225	Jamalpur	28-Mar-13	11.29
Old Brahmaputra	SW225	Jamalpur	29-Mar-13	11.28
Old Brahmaputra	SW225	Jamalpur	30-Mar-13	11.28
Old Brahmaputra	SW225	Jamalpur	31-Mar-13	11.27
Old Brahmaputra	SW225	Jamalpur	01-Apr-13	11.26
Old Brahmaputra	SW225	Jamalpur	02-Apr-13	11.25
Old Brahmaputra	SW225	Jamalpur	03-Apr-13	11.24
Old Brahmaputra	SW225	Jamalpur	04-Apr-13	11.23
Old Brahmaputra	SW225	Jamalpur	05-Apr-13	11.23
Old Brahmaputra	SW225	Jamalpur	06-Apr-13	11.22
Old Brahmaputra	SW225	Jamalpur	07-Apr-13	11.22
Old Brahmaputra	SW225	Jamalpur	08-Apr-13	11.21
Old Brahmaputra	SW225	Jamalpur	09-Apr-13	11.21
Old Brahmaputra	SW225	Jamalpur	10-Apr-13	11.21
Old Brahmaputra	SW225	Jamalpur	11-Apr-13	11.2
Old Brahmaputra	SW225	Jamalpur	12-Apr-13	11.18
Old Brahmaputra	SW225	Jamalpur	13-Apr-13	11.17
Old Brahmaputra	SW225	Jamalpur	14-Apr-13	11.16
Old Brahmaputra	SW225	Jamalpur	15-Apr-13	11.15
Old Brahmaputra	SW225	Jamalpur	16-Apr-13	11.16
Old Brahmaputra	SW225	Jamalpur	17-Apr-13	11.18
Old Brahmaputra	SW225	Jamalpur	18-Apr-13	11.2
Old Brahmaputra	SW225	Jamalpur	19-Apr-13	11.2
Old Brahmaputra	SW225	Jamalpur	20-Apr-13	11.2
Old Brahmaputra	SW225	Jamalpur	21-Apr-13	11.19
Old Brahmaputra	SW225	Jamalpur	22-Apr-13	11.23
Old Brahmaputra	SW225	Jamalpur	23-Apr-13	11.22
Old Brahmaputra	SW225	Jamalpur	24-Apr-13	11.21

Old Brahmaputra	SW225	Jamalpur	25-Apr-13	11.2
Old Brahmaputra	SW225	Jamalpur	26-Apr-13	11.29
Old Brahmaputra	SW225	Jamalpur	27-Apr-13	11.36
Old Brahmaputra	SW225	Jamalpur	28-Apr-13	11.41
Old Brahmaputra	SW225	Jamalpur	29-Apr-13	11.46
Old Brahmaputra	SW225	Jamalpur	30-Apr-13	11.42
Old Brahmaputra	SW225	Jamalpur	01-May-13	11.436
Old Brahmaputra	SW225	Jamalpur	02-May-13	11.406
Old Brahmaputra	SW225	Jamalpur	03-May-13	11.4
Old Brahmaputra	SW225	Jamalpur	04-May-13	11.436
Old Brahmaputra	SW225	Jamalpur	05-May-13	11.45
Old Brahmaputra	SW225	Jamalpur	06-May-13	11.516
Old Brahmaputra	SW225	Jamalpur	07-May-13	11.618
Old Brahmaputra	SW225	Jamalpur	08-May-13	11.736
Old Brahmaputra	SW225	Jamalpur	09-May-13	11.914
Old Brahmaputra	SW225	Jamalpur	10-May-13	11.948
Old Brahmaputra	SW225	Jamalpur	11-May-13	11.824
Old Brahmaputra	SW225	Jamalpur	12-May-13	11.744
Old Brahmaputra	SW225	Jamalpur	13-May-13	11.772
Old Brahmaputra	SW225	Jamalpur	14-May-13	11.846
Old Brahmaputra	SW225	Jamalpur	15-May-13	11.84
Old Brahmaputra	SW225	Jamalpur	16-May-13	11.828
Old Brahmaputra	SW225	Jamalpur	17-May-13	11.8
Old Brahmaputra	SW225	Jamalpur	18-May-13	11.828
Old Brahmaputra	SW225	Jamalpur	19-May-13	11.864
Old Brahmaputra	SW225	Jamalpur	20-May-13	11.812
Old Brahmaputra	SW225	Jamalpur	21-May-13	11.772
Old Brahmaputra	SW225	Jamalpur	22-May-13	11.754
Old Brahmaputra	SW225	Jamalpur	23-May-13	11.72
Old Brahmaputra	SW225	Jamalpur	24-May-13	11.826
Old Brahmaputra	SW225	Jamalpur	25-May-13	12.188
Old Brahmaputra	SW225	Jamalpur	26-May-13	12.234
Old Brahmaputra	SW225	Jamalpur	27-May-13	12.138
Old Brahmaputra	SW225	Jamalpur	28-May-13	12.1
Old Brahmaputra	SW225	Jamalpur	29-May-13	12.046
Old Brahmaputra	SW225	Jamalpur	30-May-13	11.884
Old Brahmaputra	SW225	Jamalpur	31-May-13	11.85
Old Brahmaputra	SW225	Jamalpur	01-Jun-13	11.888
Old Brahmaputra	SW225	Jamalpur	02-Jun-13	11.986
Old Brahmaputra	SW225	Jamalpur	03-Jun-13	12.19
Old Brahmaputra	SW225	Jamalpur	04-Jun-13	12.25
Old Brahmaputra	SW225	Jamalpur	05-Jun-13	12.258
Old Brahmaputra	SW225	Jamalpur	06-Jun-13	12.332
Old Brahmaputra	SW225	Jamalpur	07-Jun-13	12.454
Old Brahmaputra	SW225	Jamalpur	08-Jun-13	12.728
Old Brahmaputra	SW225	Jamalpur	09-Jun-13	12.79
Old Brahmaputra	SW225	Jamalpur	10-Jun-13	12.732
Old Brahmaputra	SW225	Jamalpur	11-Jun-13	12.642
Old Brahmaputra	SW225	Jamalpur	12-Jun-13	12.582
Old Brahmaputra	SW225	Jamalpur	13-Jun-13	12.548

Old Brahmaputra	SW225	Jamalpur	14-Jun-13	12.472
Old Brahmaputra	SW225	Jamalpur	15-Jun-13	12.408
Old Brahmaputra	SW225	Jamalpur	16-Jun-13	12.34
Old Brahmaputra	SW225	Jamalpur	17-Jun-13	12.262
Old Brahmaputra	SW225	Jamalpur	18-Jun-13	12.19
Old Brahmaputra	SW225	Jamalpur	19-Jun-13	12.138
Old Brahmaputra	SW225	Jamalpur	20-Jun-13	12.092
Old Brahmaputra	SW225	Jamalpur	21-Jun-13	11.96
Old Brahmaputra	SW225	Jamalpur	22-Jun-13	11.92
Old Brahmaputra	SW225	Jamalpur	23-Jun-13	11.93
Old Brahmaputra	SW225	Jamalpur	24-Jun-13	11.944
Old Brahmaputra	SW225	Jamalpur	25-Jun-13	11.958
Old Brahmaputra	SW225	Jamalpur	26-Jun-13	12.058
Old Brahmaputra	SW225	Jamalpur	27-Jun-13	12.142
Old Brahmaputra	SW225	Jamalpur	28-Jun-13	12.242
Old Brahmaputra	SW225	Jamalpur	29-Jun-13	12.428
Old Brahmaputra	SW225	Jamalpur	30-Jun-13	12.856
Old Brahmaputra	SW225	Jamalpur	01-Jul-13	13.194
Old Brahmaputra	SW225	Jamalpur	02-Jul-13	13.57
Old Brahmaputra	SW225	Jamalpur	03-Jul-13	14.016
Old Brahmaputra	SW225	Jamalpur	04-Jul-13	14.226
Old Brahmaputra	SW225	Jamalpur	05-Jul-13	14.358
Old Brahmaputra	SW225	Jamalpur	06-Jul-13	14.348
Old Brahmaputra	SW225	Jamalpur	07-Jul-13	14.262
Old Brahmaputra	SW225	Jamalpur	08-Jul-13	14.218
Old Brahmaputra	SW225	Jamalpur	09-Jul-13	14.366
Old Brahmaputra	SW225	Jamalpur	10-Jul-13	14.53
Old Brahmaputra	SW225	Jamalpur	11-Jul-13	14.864
Old Brahmaputra	SW225	Jamalpur	12-Jul-13	15.11
Old Brahmaputra	SW225	Jamalpur	13-Jul-13	15.304
Old Brahmaputra	SW225	Jamalpur	14-Jul-13	15.268
Old Brahmaputra	SW225	Jamalpur	15-Jul-13	15.192
Old Brahmaputra	SW225	Jamalpur	16-Jul-13	15.172
Old Brahmaputra	SW225	Jamalpur	17-Jul-13	15.154
Old Brahmaputra	SW225	Jamalpur	18-Jul-13	15.076
Old Brahmaputra	SW225	Jamalpur	19-Jul-13	14.936
Old Brahmaputra	SW225	Jamalpur	20-Jul-13	14.92
Old Brahmaputra	SW225	Jamalpur	21-Jul-13	14.76
Old Brahmaputra	SW225	Jamalpur	22-Jul-13	14.688
Old Brahmaputra	SW225	Jamalpur	23-Jul-13	14.67
Old Brahmaputra	SW225	Jamalpur	24-Jul-13	14.67
Old Brahmaputra	SW225	Jamalpur	25-Jul-13	14.69
Old Brahmaputra	SW225	Jamalpur	26-Jul-13	14.692
Old Brahmaputra	SW225	Jamalpur	27-Jul-13	14.734
Old Brahmaputra	SW225	Jamalpur	28-Jul-13	14.828
Old Brahmaputra	SW225	Jamalpur	29-Jul-13	14.88
Old Brahmaputra	SW225	Jamalpur	30-Jul-13	14.844
Old Brahmaputra	SW225	Jamalpur	31-Jul-13	14.748
Old Brahmaputra	SW225	Jamalpur	01-Aug-13	14.618
Old Brahmaputra	SW225	Jamalpur	02-Aug-13	14.496

Old Brahmaputra	SW225	Jamalpur	03-Aug-13	14.406
Old Brahmaputra	SW225	Jamalpur	04-Aug-13	14.324
Old Brahmaputra	SW225	Jamalpur	05-Aug-13	14.26
Old Brahmaputra	SW225	Jamalpur	06-Aug-13	14.284
Old Brahmaputra	SW225	Jamalpur	07-Aug-13	14.236
Old Brahmaputra	SW225	Jamalpur	08-Aug-13	14.296
Old Brahmaputra	SW225	Jamalpur	09-Aug-13	14.378
Old Brahmaputra	SW225	Jamalpur	10-Aug-13	14.416
Old Brahmaputra	SW225	Jamalpur	11-Aug-13	14.38
Old Brahmaputra	SW225	Jamalpur	12-Aug-13	14.374
Old Brahmaputra	SW225	Jamalpur	13-Aug-13	14.36
Old Brahmaputra	SW225	Jamalpur	14-Aug-13	14.456
Old Brahmaputra	SW225	Jamalpur	15-Aug-13	14.496
Old Brahmaputra	SW225	Jamalpur	16-Aug-13	14.48
Old Brahmaputra	SW225	Jamalpur	17-Aug-13	14.398
Old Brahmaputra	SW225	Jamalpur	18-Aug-13	14.238
Old Brahmaputra	SW225	Jamalpur	19-Aug-13	14.14
Old Brahmaputra	SW225	Jamalpur	20-Aug-13	14.028
Old Brahmaputra	SW225	Jamalpur	21-Aug-13	13.932
Old Brahmaputra	SW225	Jamalpur	22-Aug-13	13.818
Old Brahmaputra	SW225	Jamalpur	23-Aug-13	13.748
Old Brahmaputra	SW225	Jamalpur	24-Aug-13	13.682
Old Brahmaputra	SW225	Jamalpur	25-Aug-13	13.618
Old Brahmaputra	SW225	Jamalpur	26-Aug-13	13.47
Old Brahmaputra	SW225	Jamalpur	27-Aug-13	13.4
Old Brahmaputra	SW225	Jamalpur	28-Aug-13	13.416
Old Brahmaputra	SW225	Jamalpur	29-Aug-13	13.532
Old Brahmaputra	SW225	Jamalpur	30-Aug-13	13.618
Old Brahmaputra	SW225	Jamalpur	31-Aug-13	13.684
Old Brahmaputra	SW225	Jamalpur	01-Sep-13	13.728
Old Brahmaputra	SW225	Jamalpur	02-Sep-13	13.694
Old Brahmaputra	SW225	Jamalpur	03-Sep-13	13.668
Old Brahmaputra	SW225	Jamalpur	04-Sep-13	13.714
Old Brahmaputra	SW225	Jamalpur	05-Sep-13	13.778
Old Brahmaputra	SW225	Jamalpur	06-Sep-13	13.952
Old Brahmaputra	SW225	Jamalpur	07-Sep-13	14.156
Old Brahmaputra	SW225	Jamalpur	08-Sep-13	14.458
Old Brahmaputra	SW225	Jamalpur	09-Sep-13	14.854
Old Brahmaputra	SW225	Jamalpur	10-Sep-13	15.304
Old Brahmaputra	SW225	Jamalpur	11-Sep-13	15.674
Old Brahmaputra	SW225	Jamalpur	12-Sep-13	15.772
Old Brahmaputra	SW225	Jamalpur	13-Sep-13	15.8
Old Brahmaputra	SW225	Jamalpur	14-Sep-13	15.75
Old Brahmaputra	SW225	Jamalpur	15-Sep-13	15.612
Old Brahmaputra	SW225	Jamalpur	16-Sep-13	15.412
Old Brahmaputra	SW225	Jamalpur	17-Sep-13	14.652
Old Brahmaputra	SW225	Jamalpur	18-Sep-13	14.286
Old Brahmaputra	SW225	Jamalpur	19-Sep-13	13.964
Old Brahmaputra	SW225	Jamalpur	20-Sep-13	13.738
Old Brahmaputra	SW225	Jamalpur	21-Sep-13	13.534

Old Brahmaputra	SW225	Jamalpur	22-Sep-13	13.246
Old Brahmaputra	SW225	Jamalpur	23-Sep-13	13.026
Old Brahmaputra	SW225	Jamalpur	24-Sep-13	12.886
Old Brahmaputra	SW225	Jamalpur	25-Sep-13	12.8
Old Brahmaputra	SW225	Jamalpur	26-Sep-13	12.772
Old Brahmaputra	SW225	Jamalpur	27-Sep-13	12.734
Old Brahmaputra	SW225	Jamalpur	28-Sep-13	12.704
Old Brahmaputra	SW225	Jamalpur	29-Sep-13	12.692
Old Brahmaputra	SW225	Jamalpur	30-Sep-13	12.728
Old Brahmaputra	SW225	Jamalpur	01-Oct-13	12.758
Old Brahmaputra	SW225	Jamalpur	02-Oct-13	12.726
Old Brahmaputra	SW225	Jamalpur	03-Oct-13	12.692
Old Brahmaputra	SW225	Jamalpur	04-Oct-13	12.62
Old Brahmaputra	SW225	Jamalpur	05-Oct-13	12.538
Old Brahmaputra	SW225	Jamalpur	06-Oct-13	12.48
Old Brahmaputra	SW225	Jamalpur	07-Oct-13	12.474
Old Brahmaputra	SW225	Jamalpur	08-Oct-13	12.452
Old Brahmaputra	SW225	Jamalpur	09-Oct-13	12.53
Old Brahmaputra	SW225	Jamalpur	10-Oct-13	12.49
Old Brahmaputra	SW225	Jamalpur	11-Oct-13	12.27
Old Brahmaputra	SW225	Jamalpur	12-Oct-13	12.264
Old Brahmaputra	SW225	Jamalpur	13-Oct-13	12.256
Old Brahmaputra	SW225	Jamalpur	14-Oct-13	12.248
Old Brahmaputra	SW225	Jamalpur	15-Oct-13	12.256
Old Brahmaputra	SW225	Jamalpur	16-Oct-13	12.534
Old Brahmaputra	SW225	Jamalpur	17-Oct-13	12.462
Old Brahmaputra	SW225	Jamalpur	18-Oct-13	12.412
Old Brahmaputra	SW225	Jamalpur	19-Oct-13	12.388
Old Brahmaputra	SW225	Jamalpur	20-Oct-13	12.3
Old Brahmaputra	SW225	Jamalpur	21-Oct-13	12.286
Old Brahmaputra	SW225	Jamalpur	22-Oct-13	12.252
Old Brahmaputra	SW225	Jamalpur	23-Oct-13	12.182
Old Brahmaputra	SW225	Jamalpur	24-Oct-13	12.142
Old Brahmaputra	SW225	Jamalpur	25-Oct-13	12.068
Old Brahmaputra	SW225	Jamalpur	26-Oct-13	11.982
Old Brahmaputra	SW225	Jamalpur	27-Oct-13	11.954
Old Brahmaputra	SW225	Jamalpur	28-Oct-13	12.008
Old Brahmaputra	SW225	Jamalpur	29-Oct-13	12.05
Old Brahmaputra	SW225	Jamalpur	30-Oct-13	12.048
Old Brahmaputra	SW225	Jamalpur	31-Oct-13	12.038
Old Brahmaputra	SW225	Jamalpur	01-Nov-13	12.02
Old Brahmaputra	SW225	Jamalpur	02-Nov-13	12.01
Old Brahmaputra	SW225	Jamalpur	03-Nov-13	12
Old Brahmaputra	SW225	Jamalpur	04-Nov-13	11.98
Old Brahmaputra	SW225	Jamalpur	05-Nov-13	11.978
Old Brahmaputra	SW225	Jamalpur	06-Nov-13	11.958
Old Brahmaputra	SW225	Jamalpur	07-Nov-13	11.932
Old Brahmaputra	SW225	Jamalpur	08-Nov-13	11.898
Old Brahmaputra	SW225	Jamalpur	09-Nov-13	11.88
Old Brahmaputra	SW225	Jamalpur	10-Nov-13	11.87

Old Brahmaputra	SW225	Jamalpur	11-Nov-13	11.854
Old Brahmaputra	SW225	Jamalpur	12-Nov-13	11.838
Old Brahmaputra	SW225	Jamalpur	13-Nov-13	11.83
Old Brahmaputra	SW225	Jamalpur	14-Nov-13	11.82
Old Brahmaputra	SW225	Jamalpur	15-Nov-13	11.81
Old Brahmaputra	SW225	Jamalpur	16-Nov-13	11.8
Old Brahmaputra	SW225	Jamalpur	17-Nov-13	11.79
Old Brahmaputra	SW225	Jamalpur	18-Nov-13	11.78
Old Brahmaputra	SW225	Jamalpur	19-Nov-13	11.758
Old Brahmaputra	SW225	Jamalpur	20-Nov-13	11.75
Old Brahmaputra	SW225	Jamalpur	21-Nov-13	11.74
Old Brahmaputra	SW225	Jamalpur	22-Nov-13	11.736
Old Brahmaputra	SW225	Jamalpur	23-Nov-13	11.73
Old Brahmaputra	SW225	Jamalpur	24-Nov-13	11.73
Old Brahmaputra	SW225	Jamalpur	25-Nov-13	11.72
Old Brahmaputra	SW225	Jamalpur	26-Nov-13	11.718
Old Brahmaputra	SW225	Jamalpur	27-Nov-13	11.7
Old Brahmaputra	SW225	Jamalpur	28-Nov-13	11.694
Old Brahmaputra	SW225	Jamalpur	29-Nov-13	11.684
Old Brahmaputra	SW225	Jamalpur	30-Nov-13	11.676
Old Brahmaputra	SW225	Jamalpur	01-Dec-13	11.672
Old Brahmaputra	SW225	Jamalpur	02-Dec-13	11.65
Old Brahmaputra	SW225	Jamalpur	03-Dec-13	11.64
Old Brahmaputra	SW225	Jamalpur	04-Dec-13	11.63
Old Brahmaputra	SW225	Jamalpur	05-Dec-13	11.62
Old Brahmaputra	SW225	Jamalpur	06-Dec-13	11.606
Old Brahmaputra	SW225	Jamalpur	07-Dec-13	11.6
Old Brahmaputra	SW225	Jamalpur	08-Dec-13	11.598
Old Brahmaputra	SW225	Jamalpur	09-Dec-13	11.59
Old Brahmaputra	SW225	Jamalpur	10-Dec-13	11.588
Old Brahmaputra	SW225	Jamalpur	11-Dec-13	11.58
Old Brahmaputra	SW225	Jamalpur	12-Dec-13	11.578
Old Brahmaputra	SW225	Jamalpur	13-Dec-13	11.568
Old Brahmaputra	SW225	Jamalpur	14-Dec-13	11.558
Old Brahmaputra	SW225	Jamalpur	15-Dec-13	11.548
Old Brahmaputra	SW225	Jamalpur	16-Dec-13	11.542
Old Brahmaputra	SW225	Jamalpur	17-Dec-13	11.538
Old Brahmaputra	SW225	Jamalpur	18-Dec-13	11.53
Old Brahmaputra	SW225	Jamalpur	19-Dec-13	11.528
Old Brahmaputra	SW225	Jamalpur	20-Dec-13	11.52
Old Brahmaputra	SW225	Jamalpur	21-Dec-13	11.518
Old Brahmaputra	SW225	Jamalpur	22-Dec-13	11.508
Old Brahmaputra	SW225	Jamalpur	23-Dec-13	11.51
Old Brahmaputra	SW225	Jamalpur	24-Dec-13	11.5
Old Brahmaputra	SW225	Jamalpur	25-Dec-13	11.5
Old Brahmaputra	SW225	Jamalpur	26-Dec-13	11.49
Old Brahmaputra	SW225	Jamalpur	27-Dec-13	11.488
Old Brahmaputra	SW225	Jamalpur	28-Dec-13	11.48
Old Brahmaputra	SW225	Jamalpur	29-Dec-13	11.48
Old Brahmaputra	SW225	Jamalpur	30-Dec-13	11.47

Old Brahmaputra	SW225	Jamalpur	31-Dec-13	11.46
Old Brahmaputra	SW225	Jamalpur	01-Jan-14	11.46
Old Brahmaputra	SW225	Jamalpur	02-Jan-14	11.46
Old Brahmaputra	SW225	Jamalpur	03-Jan-14	11.45
Old Brahmaputra	SW225	Jamalpur	04-Jan-14	11.438
Old Brahmaputra	SW225	Jamalpur	05-Jan-14	11.43
Old Brahmaputra	SW225	Jamalpur	06-Jan-14	11.42
Old Brahmaputra	SW225	Jamalpur	07-Jan-14	11.41
Old Brahmaputra	SW225	Jamalpur	08-Jan-14	11.4
Old Brahmaputra	SW225	Jamalpur	09-Jan-14	11.39
Old Brahmaputra	SW225	Jamalpur	10-Jan-14	11.39
Old Brahmaputra	SW225	Jamalpur	11-Jan-14	11.38
Old Brahmaputra	SW225	Jamalpur	12-Jan-14	11.38
Old Brahmaputra	SW225	Jamalpur	13-Jan-14	11.37
Old Brahmaputra	SW225	Jamalpur	14-Jan-14	11.37
Old Brahmaputra	SW225	Jamalpur	15-Jan-14	11.36
Old Brahmaputra	SW225	Jamalpur	16-Jan-14	11.35
Old Brahmaputra	SW225	Jamalpur	17-Jan-14	11.35
Old Brahmaputra	SW225	Jamalpur	18-Jan-14	11.34
Old Brahmaputra	SW225	Jamalpur	19-Jan-14	11.33
Old Brahmaputra	SW225	Jamalpur	20-Jan-14	11.32
Old Brahmaputra	SW225	Jamalpur	21-Jan-14	11.32
Old Brahmaputra	SW225	Jamalpur	22-Jan-14	11.31
Old Brahmaputra	SW225	Jamalpur	23-Jan-14	11.31
Old Brahmaputra	SW225	Jamalpur	24-Jan-14	11.3
Old Brahmaputra	SW225	Jamalpur	25-Jan-14	11.29
Old Brahmaputra	SW225	Jamalpur	26-Jan-14	11.29
Old Brahmaputra	SW225	Jamalpur	27-Jan-14	11.28
Old Brahmaputra	SW225	Jamalpur	28-Jan-14	11.27
Old Brahmaputra	SW225	Jamalpur	29-Jan-14	11.27
Old Brahmaputra	SW225	Jamalpur	30-Jan-14	11.26
Old Brahmaputra	SW225	Jamalpur	31-Jan-14	11.26
Old Brahmaputra	SW225	Jamalpur	01-Feb-14	11.25
Old Brahmaputra	SW225	Jamalpur	02-Feb-14	11.25
Old Brahmaputra	SW225	Jamalpur	03-Feb-14	11.238
Old Brahmaputra	SW225	Jamalpur	04-Feb-14	11.218
Old Brahmaputra	SW225	Jamalpur	05-Feb-14	11.198
Old Brahmaputra	SW225	Jamalpur	06-Feb-14	11.178
Old Brahmaputra	SW225	Jamalpur	07-Feb-14	11.148
Old Brahmaputra	SW225	Jamalpur	08-Feb-14	11.128
Old Brahmaputra	SW225	Jamalpur	09-Feb-14	11.11
Old Brahmaputra	SW225	Jamalpur	10-Feb-14	11.1
Old Brahmaputra	SW225	Jamalpur	11-Feb-14	11.1
Old Brahmaputra	SW225	Jamalpur	12-Feb-14	11.1
Old Brahmaputra	SW225	Jamalpur	13-Feb-14	11.09
Old Brahmaputra	SW225	Jamalpur	14-Feb-14	11.09
Old Brahmaputra	SW225	Jamalpur	15-Feb-14	11.092
Old Brahmaputra	SW225	Jamalpur	16-Feb-14	11.11
Old Brahmaputra	SW225	Jamalpur	17-Feb-14	11.114
Old Brahmaputra	SW225	Jamalpur	18-Feb-14	11.122

Old Brahmaputra	SW225	Jamalpur	19-Feb-14	11.13
Old Brahmaputra	SW225	Jamalpur	20-Feb-14	11.12
Old Brahmaputra	SW225	Jamalpur	21-Feb-14	11.118
Old Brahmaputra	SW225	Jamalpur	22-Feb-14	11.11
Old Brahmaputra	SW225	Jamalpur	23-Feb-14	11.11
Old Brahmaputra	SW225	Jamalpur	24-Feb-14	11.1
Old Brahmaputra	SW225	Jamalpur	25-Feb-14	11.1
Old Brahmaputra	SW225	Jamalpur	26-Feb-14	11.09
Old Brahmaputra	SW225	Jamalpur	27-Feb-14	11.09
Old Brahmaputra	SW225	Jamalpur	28-Feb-14	11.08
Old Brahmaputra	SW225	Jamalpur	01-Mar-14	11.08
Old Brahmaputra	SW225	Jamalpur	02-Mar-14	11.08
Old Brahmaputra	SW225	Jamalpur	03-Mar-14	11.08
Old Brahmaputra	SW225	Jamalpur	04-Mar-14	11.07
Old Brahmaputra	SW225	Jamalpur	05-Mar-14	11.07
Old Brahmaputra	SW225	Jamalpur	06-Mar-14	11.06
Old Brahmaputra	SW225	Jamalpur	07-Mar-14	11.06
Old Brahmaputra	SW225	Jamalpur	08-Mar-14	11.06
Old Brahmaputra	SW225	Jamalpur	09-Mar-14	11.05
Old Brahmaputra	SW225	Jamalpur	10-Mar-14	11.05
Old Brahmaputra	SW225	Jamalpur	11-Mar-14	11.04
Old Brahmaputra	SW225	Jamalpur	12-Mar-14	11.04
Old Brahmaputra	SW225	Jamalpur	13-Mar-14	11.04
Old Brahmaputra	SW225	Jamalpur	14-Mar-14	11.03
Old Brahmaputra	SW225	Jamalpur	15-Mar-14	11.03
Old Brahmaputra	SW225	Jamalpur	16-Mar-14	11.03
Old Brahmaputra	SW225	Jamalpur	17-Mar-14	11.02
Old Brahmaputra	SW225	Jamalpur	18-Mar-14	11.02
Old Brahmaputra	SW225	Jamalpur	19-Mar-14	11.02
Old Brahmaputra	SW225	Jamalpur	20-Mar-14	11
Old Brahmaputra	SW225	Jamalpur	21-Mar-14	10.98
Old Brahmaputra	SW225	Jamalpur	22-Mar-14	10.97
Old Brahmaputra	SW225	Jamalpur	23-Mar-14	10.958
Old Brahmaputra	SW225	Jamalpur	24-Mar-14	10.93
Old Brahmaputra	SW225	Jamalpur	25-Mar-14	10.928
Old Brahmaputra	SW225	Jamalpur	26-Mar-14	10.92
Old Brahmaputra	SW225	Jamalpur	27-Mar-14	10.91
Old Brahmaputra	SW225	Jamalpur	28-Mar-14	10.9
Old Brahmaputra	SW225	Jamalpur	29-Mar-14	10.88
Old Brahmaputra	SW225	Jamalpur	30-Mar-14	10.876
Old Brahmaputra	SW225	Jamalpur	31-Mar-14	10.87
Old Brahmaputra	SW225	Jamalpur	01-Apr-14	10.866
Old Brahmaputra	SW225	Jamalpur	02-Apr-14	10.86
Old Brahmaputra	SW225	Jamalpur	03-Apr-14	10.858
Old Brahmaputra	SW225	Jamalpur	04-Apr-14	10.828
Old Brahmaputra	SW225	Jamalpur	05-Apr-14	10.818
Old Brahmaputra	SW225	Jamalpur	06-Apr-14	10.8
Old Brahmaputra	SW225	Jamalpur	07-Apr-14	10.78
Old Brahmaputra	SW225	Jamalpur	08-Apr-14	10.774
Old Brahmaputra	SW225	Jamalpur	09-Apr-14	10.766

Old Brahmaputra	SW225	Jamalpur	10-Apr-14	10.75
Old Brahmaputra	SW225	Jamalpur	11-Apr-14	10.748
Old Brahmaputra	SW225	Jamalpur	12-Apr-14	10.738
Old Brahmaputra	SW225	Jamalpur	13-Apr-14	10.73
Old Brahmaputra	SW225	Jamalpur	14-Apr-14	10.73
Old Brahmaputra	SW225	Jamalpur	15-Apr-14	10.72
Old Brahmaputra	SW225	Jamalpur	16-Apr-14	10.71
Old Brahmaputra	SW225	Jamalpur	17-Apr-14	10.7
Old Brahmaputra	SW225	Jamalpur	18-Apr-14	10.698
Old Brahmaputra	SW225	Jamalpur	19-Apr-14	10.69
Old Brahmaputra	SW225	Jamalpur	20-Apr-14	10.68
Old Brahmaputra	SW225	Jamalpur	21-Apr-14	10.678
Old Brahmaputra	SW225	Jamalpur	22-Apr-14	10.67
Old Brahmaputra	SW225	Jamalpur	23-Apr-14	10.67
Old Brahmaputra	SW225	Jamalpur	24-Apr-14	10.67
Old Brahmaputra	SW225	Jamalpur	25-Apr-14	10.66
Old Brahmaputra	SW225	Jamalpur	26-Apr-14	10.66
Old Brahmaputra	SW225	Jamalpur	27-Apr-14	10.66
Old Brahmaputra	SW225	Jamalpur	28-Apr-14	10.628
Old Brahmaputra	SW225	Jamalpur	29-Apr-14	10.6
Old Brahmaputra	SW225	Jamalpur	30-Apr-14	10.554
Old Brahmaputra	SW225	Jamalpur	01-May-14	10.518
Old Brahmaputra	SW225	Jamalpur	02-May-14	10.484
Old Brahmaputra	SW225	Jamalpur	03-May-14	10.44
Old Brahmaputra	SW225	Jamalpur	04-May-14	10.396
Old Brahmaputra	SW225	Jamalpur	05-May-14	10.404
Old Brahmaputra	SW225	Jamalpur	06-May-14	10.41
Old Brahmaputra	SW225	Jamalpur	07-May-14	10.4
Old Brahmaputra	SW225	Jamalpur	08-May-14	10.432
Old Brahmaputra	SW225	Jamalpur	09-May-14	10.492
Old Brahmaputra	SW225	Jamalpur	10-May-14	10.554
Old Brahmaputra	SW225	Jamalpur	11-May-14	10.576
Old Brahmaputra	SW225	Jamalpur	12-May-14	10.63
Old Brahmaputra	SW225	Jamalpur	13-May-14	10.71
Old Brahmaputra	SW225	Jamalpur	14-May-14	10.806
Old Brahmaputra	SW225	Jamalpur	15-May-14	10.848
Old Brahmaputra	SW225	Jamalpur	16-May-14	10.946
Old Brahmaputra	SW225	Jamalpur	17-May-14	10.926
Old Brahmaputra	SW225	Jamalpur	18-May-14	10.79
Old Brahmaputra	SW225	Jamalpur	19-May-14	10.706
Old Brahmaputra	SW225	Jamalpur	20-May-14	10.626
Old Brahmaputra	SW225	Jamalpur	21-May-14	10.64
Old Brahmaputra	SW225	Jamalpur	22-May-14	11.236
Old Brahmaputra	SW225	Jamalpur	23-May-14	11.504
Old Brahmaputra	SW225	Jamalpur	24-May-14	11.48
Old Brahmaputra	SW225	Jamalpur	25-May-14	11.388
Old Brahmaputra	SW225	Jamalpur	26-May-14	11.298
Old Brahmaputra	SW225	Jamalpur	27-May-14	11.226
Old Brahmaputra	SW225	Jamalpur	28-May-14	11.222
Old Brahmaputra	SW225	Jamalpur	29-May-14	11.13

Old Brahmaputra	SW225	Jamalpur	30-May-14	11.16
Old Brahmaputra	SW225	Jamalpur	31-May-14	11.21
Old Brahmaputra	SW225	Jamalpur	01-Jun-14	11.374
Old Brahmaputra	SW225	Jamalpur	02-Jun-14	11.48
Old Brahmaputra	SW225	Jamalpur	03-Jun-14	11.522
Old Brahmaputra	SW225	Jamalpur	04-Jun-14	11.34
Old Brahmaputra	SW225	Jamalpur	05-Jun-14	11.288
Old Brahmaputra	SW225	Jamalpur	06-Jun-14	11.21
Old Brahmaputra	SW225	Jamalpur	07-Jun-14	11.192
Old Brahmaputra	SW225	Jamalpur	08-Jun-14	11.336
Old Brahmaputra	SW225	Jamalpur	09-Jun-14	11.42
Old Brahmaputra	SW225	Jamalpur	10-Jun-14	11.562
Old Brahmaputra	SW225	Jamalpur	11-Jun-14	11.644
Old Brahmaputra	SW225	Jamalpur	12-Jun-14	11.752
Old Brahmaputra	SW225	Jamalpur	13-Jun-14	12.294
Old Brahmaputra	SW225	Jamalpur	14-Jun-14	12.364
Old Brahmaputra	SW225	Jamalpur	15-Jun-14	12.438
Old Brahmaputra	SW225	Jamalpur	16-Jun-14	12.508
Old Brahmaputra	SW225	Jamalpur	17-Jun-14	12.564
Old Brahmaputra	SW225	Jamalpur	18-Jun-14	12.626
Old Brahmaputra	SW225	Jamalpur	19-Jun-14	12.562
Old Brahmaputra	SW225	Jamalpur	20-Jun-14	12.49
Old Brahmaputra	SW225	Jamalpur	21-Jun-14	12.424
Old Brahmaputra	SW225	Jamalpur	22-Jun-14	12.428
Old Brahmaputra	SW225	Jamalpur	23-Jun-14	12.408
Old Brahmaputra	SW225	Jamalpur	24-Jun-14	12.466
Old Brahmaputra	SW225	Jamalpur	25-Jun-14	12.574
Old Brahmaputra	SW225	Jamalpur	26-Jun-14	12.828
Old Brahmaputra	SW225	Jamalpur	27-Jun-14	13.27
Old Brahmaputra	SW225	Jamalpur	28-Jun-14	13.662
Old Brahmaputra	SW225	Jamalpur	29-Jun-14	13.864
Old Brahmaputra	SW225	Jamalpur	30-Jun-14	13.928
Old Brahmaputra	SW225	Jamalpur	01-Jul-14	13.92
Old Brahmaputra	SW225	Jamalpur	02-Jul-14	13.742
Old Brahmaputra	SW225	Jamalpur	03-Jul-14	13.666
Old Brahmaputra	SW225	Jamalpur	04-Jul-14	13.432
Old Brahmaputra	SW225	Jamalpur	05-Jul-14	13.354
Old Brahmaputra	SW225	Jamalpur	06-Jul-14	13.208
Old Brahmaputra	SW225	Jamalpur	07-Jul-14	13.344
Old Brahmaputra	SW225	Jamalpur	08-Jul-14	13.482
Old Brahmaputra	SW225	Jamalpur	09-Jul-14	13.624
Old Brahmaputra	SW225	Jamalpur	10-Jul-14	13.688
Old Brahmaputra	SW225	Jamalpur	11-Jul-14	13.42
Old Brahmaputra	SW225	Jamalpur	12-Jul-14	13.412
Old Brahmaputra	SW225	Jamalpur	13-Jul-14	13.372
Old Brahmaputra	SW225	Jamalpur	14-Jul-14	13.364
Old Brahmaputra	SW225	Jamalpur	15-Jul-14	13.42
Old Brahmaputra	SW225	Jamalpur	16-Jul-14	13.454
Old Brahmaputra	SW225	Jamalpur	17-Jul-14	13.35
Old Brahmaputra	SW225	Jamalpur	18-Jul-14	13.342

Old Brahmaputra	SW225	Jamalpur	19-Jul-14	13.324
Old Brahmaputra	SW225	Jamalpur	20-Jul-14	13.374
Old Brahmaputra	SW225	Jamalpur	21-Jul-14	13.438
Old Brahmaputra	SW225	Jamalpur	22-Jul-14	13.596
Old Brahmaputra	SW225	Jamalpur	23-Jul-14	13.874
Old Brahmaputra	SW225	Jamalpur	24-Jul-14	14.006
Old Brahmaputra	SW225	Jamalpur	25-Jul-14	14.128
Old Brahmaputra	SW225	Jamalpur	26-Jul-14	14.202
Old Brahmaputra	SW225	Jamalpur	27-Jul-14	14.276
Old Brahmaputra	SW225	Jamalpur	28-Jul-14	14.204
Old Brahmaputra	SW225	Jamalpur	29-Jul-14	14.064
Old Brahmaputra	SW225	Jamalpur	30-Jul-14	13.91
Old Brahmaputra	SW225	Jamalpur	31-Jul-14	13.718
Old Brahmaputra	SW225	Jamalpur	01-Aug-14	13.57
Old Brahmaputra	SW225	Jamalpur	02-Aug-14	13.456
Old Brahmaputra	SW225	Jamalpur	03-Aug-14	13.346
Old Brahmaputra	SW225	Jamalpur	04-Aug-14	13.278
Old Brahmaputra	SW225	Jamalpur	05-Aug-14	13.22
Old Brahmaputra	SW225	Jamalpur	06-Aug-14	13.238
Old Brahmaputra	SW225	Jamalpur	07-Aug-14	13.25
Old Brahmaputra	SW225	Jamalpur	08-Aug-14	13.25
Old Brahmaputra	SW225	Jamalpur	09-Aug-14	13.25
Old Brahmaputra	SW225	Jamalpur	10-Aug-14	13.22
Old Brahmaputra	SW225	Jamalpur	11-Aug-14	13.238
Old Brahmaputra	SW225	Jamalpur	12-Aug-14	13.304
Old Brahmaputra	SW225	Jamalpur	13-Aug-14	13.422
Old Brahmaputra	SW225	Jamalpur	14-Aug-14	13.608
Old Brahmaputra	SW225	Jamalpur	15-Aug-14	13.796
Old Brahmaputra	SW225	Jamalpur	16-Aug-14	14.022
Old Brahmaputra	SW225	Jamalpur	17-Aug-14	14.266
Old Brahmaputra	SW225	Jamalpur	18-Aug-14	14.796
Old Brahmaputra	SW225	Jamalpur	19-Aug-14	15.136
Old Brahmaputra	SW225	Jamalpur	20-Aug-14	15.336
Old Brahmaputra	SW225	Jamalpur	21-Aug-14	15.536
Old Brahmaputra	SW225	Jamalpur	22-Aug-14	15.668
Old Brahmaputra	SW225	Jamalpur	23-Aug-14	15.718
Old Brahmaputra	SW225	Jamalpur	24-Aug-14	15.79
Old Brahmaputra	SW225	Jamalpur	25-Aug-14	15.802
Old Brahmaputra	SW225	Jamalpur	26-Aug-14	15.846
Old Brahmaputra	SW225	Jamalpur	27-Aug-14	15.84
Old Brahmaputra	SW225	Jamalpur	28-Aug-14	15.906
Old Brahmaputra	SW225	Jamalpur	29-Aug-14	16.05
Old Brahmaputra	SW225	Jamalpur	30-Aug-14	16.128
Old Brahmaputra	SW225	Jamalpur	31-Aug-14	16.272
Old Brahmaputra	SW225	Jamalpur	01-Sep-14	16.33
Old Brahmaputra	SW225	Jamalpur	02-Sep-14	16.264
Old Brahmaputra	SW225	Jamalpur	03-Sep-14	16.206
Old Brahmaputra	SW225	Jamalpur	04-Sep-14	16.13
Old Brahmaputra	SW225	Jamalpur	05-Sep-14	15.982
Old Brahmaputra	SW225	Jamalpur	06-Sep-14	15.608

Old Brahmaputra	SW225	Jamalpur	07-Sep-14	15.386
Old Brahmaputra	SW225	Jamalpur	08-Sep-14	14.95
Old Brahmaputra	SW225	Jamalpur	09-Sep-14	14.666
Old Brahmaputra	SW225	Jamalpur	10-Sep-14	14.084
Old Brahmaputra	SW225	Jamalpur	11-Sep-14	13.786
Old Brahmaputra	SW225	Jamalpur	12-Sep-14	13.54
Old Brahmaputra	SW225	Jamalpur	13-Sep-14	13.42
Old Brahmaputra	SW225	Jamalpur	14-Sep-14	13.496
Old Brahmaputra	SW225	Jamalpur	15-Sep-14	13.51
Old Brahmaputra	SW225	Jamalpur	16-Sep-14	13.436
Old Brahmaputra	SW225	Jamalpur	17-Sep-14	13.558
Old Brahmaputra	SW225	Jamalpur	18-Sep-14	13.58
Old Brahmaputra	SW225	Jamalpur	19-Sep-14	13.642
Old Brahmaputra	SW225	Jamalpur	20-Sep-14	13.546
Old Brahmaputra	SW225	Jamalpur	21-Sep-14	13.558
Old Brahmaputra	SW225	Jamalpur	22-Sep-14	14.036
Old Brahmaputra	SW225	Jamalpur	23-Sep-14	14.666
Old Brahmaputra	SW225	Jamalpur	24-Sep-14	14.962
Old Brahmaputra	SW225	Jamalpur	25-Sep-14	15.128
Old Brahmaputra	SW225	Jamalpur	26-Sep-14	15.44
Old Brahmaputra	SW225	Jamalpur	27-Sep-14	15.558
Old Brahmaputra	SW225	Jamalpur	28-Sep-14	15.522
Old Brahmaputra	SW225	Jamalpur	29-Sep-14	15.462
Old Brahmaputra	SW225	Jamalpur	30-Sep-14	15.412
Old Brahmaputra	SW225	Jamalpur	01-Oct-14	15.324
Old Brahmaputra	SW225	Jamalpur	02-Oct-14	15.176
Old Brahmaputra	SW225	Jamalpur	03-Oct-14	14.95
Old Brahmaputra	SW225	Jamalpur	04-Oct-14	14.706
Old Brahmaputra	SW225	Jamalpur	05-Oct-14	14.356
Old Brahmaputra	SW225	Jamalpur	06-Oct-14	14.048
Old Brahmaputra	SW225	Jamalpur	07-Oct-14	13.672
Old Brahmaputra	SW225	Jamalpur	08-Oct-14	13.37
Old Brahmaputra	SW225	Jamalpur	09-Oct-14	13.076
Old Brahmaputra	SW225	Jamalpur	10-Oct-14	12.826
Old Brahmaputra	SW225	Jamalpur	11-Oct-14	12.598
Old Brahmaputra	SW225	Jamalpur	12-Oct-14	12.442
Old Brahmaputra	SW225	Jamalpur	13-Oct-14	12.382
Old Brahmaputra	SW225	Jamalpur	14-Oct-14	12.28
Old Brahmaputra	SW225	Jamalpur	15-Oct-14	12.214
Old Brahmaputra	SW225	Jamalpur	16-Oct-14	12.12
Old Brahmaputra	SW225	Jamalpur	17-Oct-14	12.15
Old Brahmaputra	SW225	Jamalpur	18-Oct-14	12.15
Old Brahmaputra	SW225	Jamalpur	19-Oct-14	12.132
Old Brahmaputra	SW225	Jamalpur	20-Oct-14	12.082
Old Brahmaputra	SW225	Jamalpur	21-Oct-14	12.028
Old Brahmaputra	SW225	Jamalpur	22-Oct-14	11.93
Old Brahmaputra	SW225	Jamalpur	23-Oct-14	11.88
Old Brahmaputra	SW225	Jamalpur	24-Oct-14	11.866
Old Brahmaputra	SW225	Jamalpur	25-Oct-14	11.85
Old Brahmaputra	SW225	Jamalpur	26-Oct-14	11.832

Old Brahmaputra	SW225	Jamalpur	27-Oct-14	11.798
Old Brahmaputra	SW225	Jamalpur	28-Oct-14	11.772
Old Brahmaputra	SW225	Jamalpur	29-Oct-14	11.722
Old Brahmaputra	SW225	Jamalpur	30-Oct-14	11.678
Old Brahmaputra	SW225	Jamalpur	31-Oct-14	11.66
Old Brahmaputra	SW225	Jamalpur	01-Nov-14	11.644
Old Brahmaputra	SW225	Jamalpur	02-Nov-14	11.616
Old Brahmaputra	SW225	Jamalpur	03-Nov-14	11.596
Old Brahmaputra	SW225	Jamalpur	04-Nov-14	11.572
Old Brahmaputra	SW225	Jamalpur	05-Nov-14	11.532
Old Brahmaputra	SW225	Jamalpur	06-Nov-14	11.492
Old Brahmaputra	SW225	Jamalpur	07-Nov-14	11.454
Old Brahmaputra	SW225	Jamalpur	08-Nov-14	11.42
Old Brahmaputra	SW225	Jamalpur	09-Nov-14	11.418
Old Brahmaputra	SW225	Jamalpur	10-Nov-14	11.404
Old Brahmaputra	SW225	Jamalpur	11-Nov-14	11.4
Old Brahmaputra	SW225	Jamalpur	12-Nov-14	11.39
Old Brahmaputra	SW225	Jamalpur	13-Nov-14	11.382
Old Brahmaputra	SW225	Jamalpur	14-Nov-14	11.37
Old Brahmaputra	SW225	Jamalpur	15-Nov-14	11.36
Old Brahmaputra	SW225	Jamalpur	16-Nov-14	11.35
Old Brahmaputra	SW225	Jamalpur	17-Nov-14	11.33
Old Brahmaputra	SW225	Jamalpur	18-Nov-14	11.32
Old Brahmaputra	SW225	Jamalpur	19-Nov-14	11.31
Old Brahmaputra	SW225	Jamalpur	20-Nov-14	11.3
Old Brahmaputra	SW225	Jamalpur	21-Nov-14	11.29
Old Brahmaputra	SW225	Jamalpur	22-Nov-14	11.286
Old Brahmaputra	SW225	Jamalpur	23-Nov-14	11.27
Old Brahmaputra	SW225	Jamalpur	24-Nov-14	11.27
Old Brahmaputra	SW225	Jamalpur	25-Nov-14	11.26
Old Brahmaputra	SW225	Jamalpur	26-Nov-14	11.25
Old Brahmaputra	SW225	Jamalpur	27-Nov-14	11.24
Old Brahmaputra	SW225	Jamalpur	28-Nov-14	11.23
Old Brahmaputra	SW225	Jamalpur	29-Nov-14	11.22
Old Brahmaputra	SW225	Jamalpur	30-Nov-14	11.21
Old Brahmaputra	SW225	Jamalpur	01-Dec-14	11.2
Old Brahmaputra	SW225	Jamalpur	02-Dec-14	11.19
Old Brahmaputra	SW225	Jamalpur	03-Dec-14	11.18
Old Brahmaputra	SW225	Jamalpur	04-Dec-14	11.17
Old Brahmaputra	SW225	Jamalpur	05-Dec-14	11.16
Old Brahmaputra	SW225	Jamalpur	06-Dec-14	11.15
Old Brahmaputra	SW225	Jamalpur	07-Dec-14	11.146
Old Brahmaputra	SW225	Jamalpur	08-Dec-14	11.14
Old Brahmaputra	SW225	Jamalpur	09-Dec-14	11.13
Old Brahmaputra	SW225	Jamalpur	10-Dec-14	11.122
Old Brahmaputra	SW225	Jamalpur	11-Dec-14	11.11
Old Brahmaputra	SW225	Jamalpur	12-Dec-14	11.11
Old Brahmaputra	SW225	Jamalpur	13-Dec-14	11.1
Old Brahmaputra	SW225	Jamalpur	14-Dec-14	11.09
Old Brahmaputra	SW225	Jamalpur	15-Dec-14	11.09

Old Brahmaputra	SW225	Jamalpur	16-Dec-14	11.08
Old Brahmaputra	SW225	Jamalpur	17-Dec-14	11.078
Old Brahmaputra	SW225	Jamalpur	18-Dec-14	11.068
Old Brahmaputra	SW225	Jamalpur	19-Dec-14	11.06
Old Brahmaputra	SW225	Jamalpur	20-Dec-14	11.05
Old Brahmaputra	SW225	Jamalpur	21-Dec-14	11.05
Old Brahmaputra	SW225	Jamalpur	22-Dec-14	11.04
Old Brahmaputra	SW225	Jamalpur	23-Dec-14	11.03
Old Brahmaputra	SW225	Jamalpur	24-Dec-14	11.03
Old Brahmaputra	SW225	Jamalpur	25-Dec-14	11.02
Old Brahmaputra	SW225	Jamalpur	26-Dec-14	11.02
Old Brahmaputra	SW225	Jamalpur	27-Dec-14	11.01
Old Brahmaputra	SW225	Jamalpur	28-Dec-14	11.008
Old Brahmaputra	SW225	Jamalpur	29-Dec-14	11
Old Brahmaputra	SW225	Jamalpur	30-Dec-14	11
Old Brahmaputra	SW225	Jamalpur	31-Dec-14	10.99
Old Brahmaputra	SW225	Jamalpur	01-Jan-15	10.99
Old Brahmaputra	SW225	Jamalpur	02-Jan-15	10.98
Old Brahmaputra	SW225	Jamalpur	03-Jan-15	10.976
Old Brahmaputra	SW225	Jamalpur	04-Jan-15	10.968
Old Brahmaputra	SW225	Jamalpur	05-Jan-15	10.96
Old Brahmaputra	SW225	Jamalpur	06-Jan-15	10.956
Old Brahmaputra	SW225	Jamalpur	07-Jan-15	10.95
Old Brahmaputra	SW225	Jamalpur	08-Jan-15	10.948
Old Brahmaputra	SW225	Jamalpur	09-Jan-15	10.94
Old Brahmaputra	SW225	Jamalpur	10-Jan-15	10.93
Old Brahmaputra	SW225	Jamalpur	11-Jan-15	10.92
Old Brahmaputra	SW225	Jamalpur	12-Jan-15	10.92
Old Brahmaputra	SW225	Jamalpur	13-Jan-15	10.91
Old Brahmaputra	SW225	Jamalpur	14-Jan-15	10.9
Old Brahmaputra	SW225	Jamalpur	15-Jan-15	10.9
Old Brahmaputra	SW225	Jamalpur	16-Jan-15	10.89
Old Brahmaputra	SW225	Jamalpur	17-Jan-15	10.88
Old Brahmaputra	SW225	Jamalpur	18-Jan-15	10.87
Old Brahmaputra	SW225	Jamalpur	19-Jan-15	10.868
Old Brahmaputra	SW225	Jamalpur	20-Jan-15	10.86
Old Brahmaputra	SW225	Jamalpur	21-Jan-15	10.856
Old Brahmaputra	SW225	Jamalpur	22-Jan-15	10.85
Old Brahmaputra	SW225	Jamalpur	23-Jan-15	10.846
Old Brahmaputra	SW225	Jamalpur	24-Jan-15	10.838
Old Brahmaputra	SW225	Jamalpur	25-Jan-15	10.83
Old Brahmaputra	SW225	Jamalpur	26-Jan-15	10.818
Old Brahmaputra	SW225	Jamalpur	27-Jan-15	10.8
Old Brahmaputra	SW225	Jamalpur	28-Jan-15	10.796
Old Brahmaputra	SW225	Jamalpur	29-Jan-15	10.788
Old Brahmaputra	SW225	Jamalpur	30-Jan-15	10.78
Old Brahmaputra	SW225	Jamalpur	31-Jan-15	10.77
Old Brahmaputra	SW225	Jamalpur	01-Feb-15	10.76
Old Brahmaputra	SW225	Jamalpur	02-Feb-15	10.75
Old Brahmaputra	SW225	Jamalpur	03-Feb-15	10.74

Old Brahmaputra	SW225	Jamalpur	04-Feb-15	10.73
Old Brahmaputra	SW225	Jamalpur	05-Feb-15	10.72
Old Brahmaputra	SW225	Jamalpur	06-Feb-15	10.718
Old Brahmaputra	SW225	Jamalpur	07-Feb-15	10.708
Old Brahmaputra	SW225	Jamalpur	08-Feb-15	10.7
Old Brahmaputra	SW225	Jamalpur	09-Feb-15	10.698
Old Brahmaputra	SW225	Jamalpur	10-Feb-15	10.69
Old Brahmaputra	SW225	Jamalpur	11-Feb-15	10.69
Old Brahmaputra	SW225	Jamalpur	12-Feb-15	10.688
Old Brahmaputra	SW225	Jamalpur	13-Feb-15	10.68
Old Brahmaputra	SW225	Jamalpur	14-Feb-15	10.68
Old Brahmaputra	SW225	Jamalpur	15-Feb-15	10.67
Old Brahmaputra	SW225	Jamalpur	16-Feb-15	10.67
Old Brahmaputra	SW225	Jamalpur	17-Feb-15	10.66
Old Brahmaputra	SW225	Jamalpur	18-Feb-15	10.65
Old Brahmaputra	SW225	Jamalpur	19-Feb-15	10.648
Old Brahmaputra	SW225	Jamalpur	20-Feb-15	10.64
Old Brahmaputra	SW225	Jamalpur	21-Feb-15	10.64
Old Brahmaputra	SW225	Jamalpur	22-Feb-15	10.634
Old Brahmaputra	SW225	Jamalpur	23-Feb-15	10.63
Old Brahmaputra	SW225	Jamalpur	24-Feb-15	10.628
Old Brahmaputra	SW225	Jamalpur	25-Feb-15	10.62
Old Brahmaputra	SW225	Jamalpur	26-Feb-15	10.62
Old Brahmaputra	SW225	Jamalpur	27-Feb-15	10.61
Old Brahmaputra	SW225	Jamalpur	28-Feb-15	10.61
Old Brahmaputra	SW225	Jamalpur	01-Mar-15	10.6
Old Brahmaputra	SW225	Jamalpur	02-Mar-15	10.6
Old Brahmaputra	SW225	Jamalpur	03-Mar-15	10.6
Old Brahmaputra	SW225	Jamalpur	04-Mar-15	10.59
Old Brahmaputra	SW225	Jamalpur	05-Mar-15	10.59
Old Brahmaputra	SW225	Jamalpur	06-Mar-15	10.59
Old Brahmaputra	SW225	Jamalpur	07-Mar-15	10.58
Old Brahmaputra	SW225	Jamalpur	08-Mar-15	10.58
Old Brahmaputra	SW225	Jamalpur	09-Mar-15	10.58
Old Brahmaputra	SW225	Jamalpur	10-Mar-15	10.58
Old Brahmaputra	SW225	Jamalpur	11-Mar-15	10.57
Old Brahmaputra	SW225	Jamalpur	12-Mar-15	10.57
Old Brahmaputra	SW225	Jamalpur	13-Mar-15	10.57
Old Brahmaputra	SW225	Jamalpur	14-Mar-15	10.57
Old Brahmaputra	SW225	Jamalpur	15-Mar-15	10.56
Old Brahmaputra	SW225	Jamalpur	16-Mar-15	10.538
Old Brahmaputra	SW225	Jamalpur	17-Mar-15	10.518
Old Brahmaputra	SW225	Jamalpur	18-Mar-15	10.5
Old Brahmaputra	SW225	Jamalpur	19-Mar-15	10.488
Old Brahmaputra	SW225	Jamalpur	20-Mar-15	10.48
Old Brahmaputra	SW225	Jamalpur	21-Mar-15	10.47
Old Brahmaputra	SW225	Jamalpur	22-Mar-15	10.46
Old Brahmaputra	SW225	Jamalpur	23-Mar-15	10.456
Old Brahmaputra	SW225	Jamalpur	24-Mar-15	10.45
Old Brahmaputra	SW225	Jamalpur	25-Mar-15	10.43

Old Brahmaputra	SW225	Jamalpur	26-Mar-15	10.42
Old Brahmaputra	SW225	Jamalpur	27-Mar-15	10.418
Old Brahmaputra	SW225	Jamalpur	28-Mar-15	10.41
Old Brahmaputra	SW225	Jamalpur	29-Mar-15	10.406
Old Brahmaputra	SW225	Jamalpur	30-Mar-15	10.4
Old Brahmaputra	SW225	Jamalpur	31-Mar-15	10.39
Old Brahmaputra	SW225	Jamalpur	01-May-15	11.068
Old Brahmaputra	SW225	Jamalpur	02-May-15	11.224
Old Brahmaputra	SW225	Jamalpur	03-May-15	11.43
Old Brahmaputra	SW225	Jamalpur	04-May-15	11.422
Old Brahmaputra	SW225	Jamalpur	05-May-15	11.376
Old Brahmaputra	SW225	Jamalpur	06-May-15	11.356
Old Brahmaputra	SW225	Jamalpur	07-May-15	11.326
Old Brahmaputra	SW225	Jamalpur	08-May-15	11.32
Old Brahmaputra	SW225	Jamalpur	09-May-15	11.338
Old Brahmaputra	SW225	Jamalpur	10-May-15	11.418
Old Brahmaputra	SW225	Jamalpur	11-May-15	11.516
Old Brahmaputra	SW225	Jamalpur	12-May-15	11.544
Old Brahmaputra	SW225	Jamalpur	13-May-15	11.566
Old Brahmaputra	SW225	Jamalpur	14-May-15	11.59
Old Brahmaputra	SW225	Jamalpur	15-May-15	11.57
Old Brahmaputra	SW225	Jamalpur	16-May-15	11.57
Old Brahmaputra	SW225	Jamalpur	17-May-15	11.52
Old Brahmaputra	SW225	Jamalpur	18-May-15	11.47
Old Brahmaputra	SW225	Jamalpur	19-May-15	11.422
Old Brahmaputra	SW225	Jamalpur	20-May-15	11.458
Old Brahmaputra	SW225	Jamalpur	21-May-15	11.512
Old Brahmaputra	SW225	Jamalpur	22-May-15	11.558
Old Brahmaputra	SW225	Jamalpur	23-May-15	11.706
Old Brahmaputra	SW225	Jamalpur	24-May-15	11.922
Old Brahmaputra	SW225	Jamalpur	25-May-15	11.988
Old Brahmaputra	SW225	Jamalpur	26-May-15	12.038
Old Brahmaputra	SW225	Jamalpur	27-May-15	12.024
Old Brahmaputra	SW225	Jamalpur	28-May-15	12.08
Old Brahmaputra	SW225	Jamalpur	29-May-15	12.29
Old Brahmaputra	SW225	Jamalpur	30-May-15	12.49
Old Brahmaputra	SW225	Jamalpur	31-May-15	12.702
Old Brahmaputra	SW225	Jamalpur	01-Jun-15	12.768
Old Brahmaputra	SW225	Jamalpur	02-Jun-15	12.824
Old Brahmaputra	SW225	Jamalpur	03-Jun-15	12.916
Old Brahmaputra	SW225	Jamalpur	04-Jun-15	13.004
Old Brahmaputra	SW225	Jamalpur	05-Jun-15	12.972
Old Brahmaputra	SW225	Jamalpur	06-Jun-15	12.854
Old Brahmaputra	SW225	Jamalpur	07-Jun-15	12.78
Old Brahmaputra	SW225	Jamalpur	08-Jun-15	12.9
Old Brahmaputra	SW225	Jamalpur	09-Jun-15	13.104
Old Brahmaputra	SW225	Jamalpur	10-Jun-15	13.25
Old Brahmaputra	SW225	Jamalpur	11-Jun-15	13.418
Old Brahmaputra	SW225	Jamalpur	12-Jun-15	14.172
Old Brahmaputra	SW225	Jamalpur	13-Jun-15	14.58

Old Brahmaputra	SW225	Jamalpur	14-Jun-15	14.778
Old Brahmaputra	SW225	Jamalpur	15-Jun-15	14.846
Old Brahmaputra	SW225	Jamalpur	16-Jun-15	14.904
Old Brahmaputra	SW225	Jamalpur	17-Jun-15	14.838
Old Brahmaputra	SW225	Jamalpur	18-Jun-15	14.712
Old Brahmaputra	SW225	Jamalpur	19-Jun-15	14.608
Old Brahmaputra	SW225	Jamalpur	20-Jun-15	14.572
Old Brahmaputra	SW225	Jamalpur	21-Jun-15	14.486
Old Brahmaputra	SW225	Jamalpur	22-Jun-15	14.48
Old Brahmaputra	SW225	Jamalpur	23-Jun-15	14.462
Old Brahmaputra	SW225	Jamalpur	24-Jun-15	14.356
Old Brahmaputra	SW225	Jamalpur	25-Jun-15	14.32
Old Brahmaputra	SW225	Jamalpur	26-Jun-15	14.35
Old Brahmaputra	SW225	Jamalpur	27-Jun-15	14.368
Old Brahmaputra	SW225	Jamalpur	28-Jun-15	14.31
Old Brahmaputra	SW225	Jamalpur	29-Jun-15	14.31
Old Brahmaputra	SW225	Jamalpur	30-Jun-15	14.308
Old Brahmaputra	SW225	Jamalpur	01-Jul-15	14.25
Old Brahmaputra	SW225	Jamalpur	02-Jul-15	14.18
Old Brahmaputra	SW225	Jamalpur	03-Jul-15	14.052
Old Brahmaputra	SW225	Jamalpur	04-Jul-15	13.986
Old Brahmaputra	SW225	Jamalpur	05-Jul-15	13.896
Old Brahmaputra	SW225	Jamalpur	06-Jul-15	13.842
Old Brahmaputra	SW225	Jamalpur	07-Jul-15	13.834
Old Brahmaputra	SW225	Jamalpur	08-Jul-15	13.952
Old Brahmaputra	SW225	Jamalpur	09-Jul-15	13.984
Old Brahmaputra	SW225	Jamalpur	10-Jul-15	13.904
Old Brahmaputra	SW225	Jamalpur	11-Jul-15	13.928
Old Brahmaputra	SW225	Jamalpur	12-Jul-15	13.804
Old Brahmaputra	SW225	Jamalpur	13-Jul-15	13.644
Old Brahmaputra	SW225	Jamalpur	14-Jul-15	13.488
Old Brahmaputra	SW225	Jamalpur	15-Jul-15	13.204
Old Brahmaputra	SW225	Jamalpur	16-Jul-15	13.15
Old Brahmaputra	SW225	Jamalpur	17-Jul-15	13.178
Old Brahmaputra	SW225	Jamalpur	18-Jul-15	13.2
Old Brahmaputra	SW225	Jamalpur	19-Jul-15	13.2
Old Brahmaputra	SW225	Jamalpur	20-Jul-15	13.19
Old Brahmaputra	SW225	Jamalpur	21-Jul-15	13.18
Old Brahmaputra	SW225	Jamalpur	22-Jul-15	13.208
Old Brahmaputra	SW225	Jamalpur	23-Jul-15	13.282
Old Brahmaputra	SW225	Jamalpur	24-Jul-15	13.228
Old Brahmaputra	SW225	Jamalpur	25-Jul-15	13.166
Old Brahmaputra	SW225	Jamalpur	26-Jul-15	13.09
Old Brahmaputra	SW225	Jamalpur	27-Jul-15	13.026
Old Brahmaputra	SW225	Jamalpur	28-Jul-15	13
Old Brahmaputra	SW225	Jamalpur	29-Jul-15	12.99
Old Brahmaputra	SW225	Jamalpur	30-Jul-15	12.98
Old Brahmaputra	SW225	Jamalpur	31-Jul-15	12.986
Old Brahmaputra	SW225	Jamalpur	01-Aug-15	12.874
Old Brahmaputra	SW225	Jamalpur	02-Aug-15	12.724

Old Brahmaputra	SW225	Jamalpur	03-Aug-15	12.586
Old Brahmaputra	SW225	Jamalpur	04-Aug-15	12.47
Old Brahmaputra	SW225	Jamalpur	05-Aug-15	12.356
Old Brahmaputra	SW225	Jamalpur	06-Aug-15	12.196
Old Brahmaputra	SW225	Jamalpur	07-Aug-15	12.108
Old Brahmaputra	SW225	Jamalpur	08-Aug-15	12.106
Old Brahmaputra	SW225	Jamalpur	09-Aug-15	12.232
Old Brahmaputra	SW225	Jamalpur	10-Aug-15	12.254
Old Brahmaputra	SW225	Jamalpur	11-Aug-15	12.236
Old Brahmaputra	SW225	Jamalpur	12-Aug-15	12.228
Old Brahmaputra	SW225	Jamalpur	13-Aug-15	12.292
Old Brahmaputra	SW225	Jamalpur	14-Aug-15	12.34
Old Brahmaputra	SW225	Jamalpur	15-Aug-15	12.356
Old Brahmaputra	SW225	Jamalpur	16-Aug-15	12.368
Old Brahmaputra	SW225	Jamalpur	17-Aug-15	12.414
Old Brahmaputra	SW225	Jamalpur	18-Aug-15	12.562
Old Brahmaputra	SW225	Jamalpur	19-Aug-15	12.744
Old Brahmaputra	SW225	Jamalpur	20-Aug-15	13.2
Old Brahmaputra	SW225	Jamalpur	21-Aug-15	13.592
Old Brahmaputra	SW225	Jamalpur	22-Aug-15	13.962
Old Brahmaputra	SW225	Jamalpur	23-Aug-15	14.512
Old Brahmaputra	SW225	Jamalpur	24-Aug-15	14.87
Old Brahmaputra	SW225	Jamalpur	25-Aug-15	15.048
Old Brahmaputra	SW225	Jamalpur	26-Aug-15	15.198
Old Brahmaputra	SW225	Jamalpur	27-Aug-15	15.248
Old Brahmaputra	SW225	Jamalpur	28-Aug-15	15.27
Old Brahmaputra	SW225	Jamalpur	29-Aug-15	15.24
Old Brahmaputra	SW225	Jamalpur	30-Aug-15	15.146
Old Brahmaputra	SW225	Jamalpur	31-Aug-15	15.228
Old Brahmaputra	SW225	Jamalpur	01-Sep-15	15.144
Old Brahmaputra	SW225	Jamalpur	02-Sep-15	15.17
Old Brahmaputra	SW225	Jamalpur	03-Sep-15	15.226
Old Brahmaputra	SW225	Jamalpur	04-Sep-15	15.344
Old Brahmaputra	SW225	Jamalpur	05-Sep-15	15.49
Old Brahmaputra	SW225	Jamalpur	06-Sep-15	15.606
Old Brahmaputra	SW225	Jamalpur	07-Sep-15	15.72
Old Brahmaputra	SW225	Jamalpur	08-Sep-15	15.81
Old Brahmaputra	SW225	Jamalpur	09-Sep-15	15.84
Old Brahmaputra	SW225	Jamalpur	10-Sep-15	15.826
Old Brahmaputra	SW225	Jamalpur	11-Sep-15	15.768
Old Brahmaputra	SW225	Jamalpur	12-Sep-15	15.67
Old Brahmaputra	SW225	Jamalpur	13-Sep-15	15.45
Old Brahmaputra	SW225	Jamalpur	14-Sep-15	15.276
Old Brahmaputra	SW225	Jamalpur	15-Sep-15	14.93
Old Brahmaputra	SW225	Jamalpur	16-Sep-15	14.554
Old Brahmaputra	SW225	Jamalpur	17-Sep-15	14.122
Old Brahmaputra	SW225	Jamalpur	18-Sep-15	13.714
Old Brahmaputra	SW225	Jamalpur	19-Sep-15	13.426
Old Brahmaputra	SW225	Jamalpur	20-Sep-15	13.18
Old Brahmaputra	SW225	Jamalpur	21-Sep-15	13.04

Old Brahmaputra	SW225	Jamalpur	22-Sep-15	13.404
Old Brahmaputra	SW225	Jamalpur	23-Sep-15	13.622
Old Brahmaputra	SW225	Jamalpur	24-Sep-15	13.7
Old Brahmaputra	SW225	Jamalpur	25-Sep-15	13.696
Old Brahmaputra	SW225	Jamalpur	26-Sep-15	13.67
Old Brahmaputra	SW225	Jamalpur	27-Sep-15	13.646
Old Brahmaputra	SW225	Jamalpur	28-Sep-15	13.642
Old Brahmaputra	SW225	Jamalpur	29-Sep-15	13.68
Old Brahmaputra	SW225	Jamalpur	30-Sep-15	13.658
Old Brahmaputra	SW225	Jamalpur	01-Oct-15	13.58
Old Brahmaputra	SW225	Jamalpur	02-Oct-15	13.43
Old Brahmaputra	SW225	Jamalpur	03-Oct-15	13.222
Old Brahmaputra	SW225	Jamalpur	04-Oct-15	12.94
Old Brahmaputra	SW225	Jamalpur	05-Oct-15	12.604
Old Brahmaputra	SW225	Jamalpur	06-Oct-15	12.316
Old Brahmaputra	SW225	Jamalpur	07-Oct-15	12.138
Old Brahmaputra	SW225	Jamalpur	08-Oct-15	11.996
Old Brahmaputra	SW225	Jamalpur	09-Oct-15	11.866
Old Brahmaputra	SW225	Jamalpur	10-Oct-15	11.76
Old Brahmaputra	SW225	Jamalpur	11-Oct-15	11.688
Old Brahmaputra	SW225	Jamalpur	12-Oct-15	11.622
Old Brahmaputra	SW225	Jamalpur	13-Oct-15	11.582
Old Brahmaputra	SW225	Jamalpur	14-Oct-15	11.55
Old Brahmaputra	SW225	Jamalpur	15-Oct-15	11.54
Old Brahmaputra	SW225	Jamalpur	16-Oct-15	11.52
Old Brahmaputra	SW225	Jamalpur	17-Oct-15	11.5
Old Brahmaputra	SW225	Jamalpur	18-Oct-15	11.48
Old Brahmaputra	SW225	Jamalpur	19-Oct-15	11.472
Old Brahmaputra	SW225	Jamalpur	20-Oct-15	11.442
Old Brahmaputra	SW225	Jamalpur	21-Oct-15	11.392
Old Brahmaputra	SW225	Jamalpur	22-Oct-15	11.352
Old Brahmaputra	SW225	Jamalpur	23-Oct-15	11.322
Old Brahmaputra	SW225	Jamalpur	24-Oct-15	11.284
Old Brahmaputra	SW225	Jamalpur	25-Oct-15	11.272
Old Brahmaputra	SW225	Jamalpur	26-Oct-15	11.226
Old Brahmaputra	SW225	Jamalpur	27-Oct-15	11.226
Old Brahmaputra	SW225	Jamalpur	28-Oct-15	11.196
Old Brahmaputra	SW225	Jamalpur	29-Oct-15	11.142
Old Brahmaputra	SW225	Jamalpur	30-Oct-15	11.114
Old Brahmaputra	SW225	Jamalpur	31-Oct-15	11.084
Old Brahmaputra	SW225	Jamalpur	01-Nov-15	11.066
Old Brahmaputra	SW225	Jamalpur	02-Nov-15	11.048
Old Brahmaputra	SW225	Jamalpur	03-Nov-15	11.034
Old Brahmaputra	SW225	Jamalpur	04-Nov-15	11.02
Old Brahmaputra	SW225	Jamalpur	05-Nov-15	11.004
Old Brahmaputra	SW225	Jamalpur	06-Nov-15	10.996
Old Brahmaputra	SW225	Jamalpur	07-Nov-15	10.972
Old Brahmaputra	SW225	Jamalpur	08-Nov-15	10.946
Old Brahmaputra	SW225	Jamalpur	09-Nov-15	10.934
Old Brahmaputra	SW225	Jamalpur	10-Nov-15	10.928

Old Brahmaputra	SW225	Jamalpur	11-Nov-15	10.92
Old Brahmaputra	SW225	Jamalpur	12-Nov-15	10.91
Old Brahmaputra	SW225	Jamalpur	13-Nov-15	10.89
Old Brahmaputra	SW225	Jamalpur	14-Nov-15	10.88
Old Brahmaputra	SW225	Jamalpur	15-Nov-15	10.878
Old Brahmaputra	SW225	Jamalpur	16-Nov-15	10.866
Old Brahmaputra	SW225	Jamalpur	17-Nov-15	10.854
Old Brahmaputra	SW225	Jamalpur	18-Nov-15	10.838
Old Brahmaputra	SW225	Jamalpur	19-Nov-15	10.824
Old Brahmaputra	SW225	Jamalpur	20-Nov-15	10.816
Old Brahmaputra	SW225	Jamalpur	21-Nov-15	10.806
Old Brahmaputra	SW225	Jamalpur	22-Nov-15	10.794
Old Brahmaputra	SW225	Jamalpur	23-Nov-15	10.78
Old Brahmaputra	SW225	Jamalpur	24-Nov-15	10.77
Old Brahmaputra	SW225	Jamalpur	25-Nov-15	10.76
Old Brahmaputra	SW225	Jamalpur	26-Nov-15	10.75
Old Brahmaputra	SW225	Jamalpur	27-Nov-15	10.744
Old Brahmaputra	SW225	Jamalpur	28-Nov-15	10.73
Old Brahmaputra	SW225	Jamalpur	29-Nov-15	10.72
Old Brahmaputra	SW225	Jamalpur	30-Nov-15	10.72
Old Brahmaputra	SW225	Jamalpur	01-Dec-15	12.388
Old Brahmaputra	SW225	Jamalpur	02-Dec-15	12.342
Old Brahmaputra	SW225	Jamalpur	03-Dec-15	12.308
Old Brahmaputra	SW225	Jamalpur	04-Dec-15	12.286
Old Brahmaputra	SW225	Jamalpur	05-Dec-15	12.268
Old Brahmaputra	SW225	Jamalpur	06-Dec-15	12.226
Old Brahmaputra	SW225	Jamalpur	07-Dec-15	12.192
Old Brahmaputra	SW225	Jamalpur	08-Dec-15	12.156
Old Brahmaputra	SW225	Jamalpur	09-Dec-15	12.108
Old Brahmaputra	SW225	Jamalpur	10-Dec-15	12.062
Old Brahmaputra	SW225	Jamalpur	11-Dec-15	12.012
Old Brahmaputra	SW225	Jamalpur	12-Dec-15	11.962
Old Brahmaputra	SW225	Jamalpur	13-Dec-15	11.898
Old Brahmaputra	SW225	Jamalpur	14-Dec-15	11.842
Old Brahmaputra	SW225	Jamalpur	15-Dec-15	11.796
Old Brahmaputra	SW225	Jamalpur	16-Dec-15	11.77
Old Brahmaputra	SW225	Jamalpur	17-Dec-15	11.748
Old Brahmaputra	SW225	Jamalpur	18-Dec-15	11.708
Old Brahmaputra	SW225	Jamalpur	19-Dec-15	11.654
Old Brahmaputra	SW225	Jamalpur	20-Dec-15	11.608
Old Brahmaputra	SW225	Jamalpur	21-Dec-15	11.572
Old Brahmaputra	SW225	Jamalpur	22-Dec-15	11.518
Old Brahmaputra	SW225	Jamalpur	23-Dec-15	11.478
Old Brahmaputra	SW225	Jamalpur	24-Dec-15	11.45
Old Brahmaputra	SW225	Jamalpur	25-Dec-15	11.398
Old Brahmaputra	SW225	Jamalpur	26-Dec-15	11.37
Old Brahmaputra	SW225	Jamalpur	27-Dec-15	11.32
Old Brahmaputra	SW225	Jamalpur	28-Dec-15	11.272
Old Brahmaputra	SW225	Jamalpur	29-Dec-15	11.218
Old Brahmaputra	SW225	Jamalpur	30-Dec-15	11.186

Old Brahmaputra	SW225	Jamalpur	31-Dec-15	11.176
Old Brahmaputra	SW225	Jamalpur	01-Jan-16	11.156
Old Brahmaputra	SW225	Jamalpur	02-Jan-16	11.102
Old Brahmaputra	SW225	Jamalpur	03-Jan-16	11.056
Old Brahmaputra	SW225	Jamalpur	04-Jan-16	11.018
Old Brahmaputra	SW225	Jamalpur	05-Jan-16	10.986
Old Brahmaputra	SW225	Jamalpur	06-Jan-16	10.968
Old Brahmaputra	SW225	Jamalpur	07-Jan-16	10.956
Old Brahmaputra	SW225	Jamalpur	08-Jan-16	10.94
Old Brahmaputra	SW225	Jamalpur	09-Jan-16	10.94
Old Brahmaputra	SW225	Jamalpur	10-Jan-16	10.94
Old Brahmaputra	SW225	Jamalpur	11-Jan-16	10.932
Old Brahmaputra	SW225	Jamalpur	12-Jan-16	10.93
Old Brahmaputra	SW225	Jamalpur	13-Jan-16	10.93
Old Brahmaputra	SW225	Jamalpur	14-Jan-16	10.93
Old Brahmaputra	SW225	Jamalpur	15-Jan-16	10.93
Old Brahmaputra	SW225	Jamalpur	16-Jan-16	10.93
Old Brahmaputra	SW225	Jamalpur	17-Jan-16	10.922
Old Brahmaputra	SW225	Jamalpur	18-Jan-16	10.92
Old Brahmaputra	SW225	Jamalpur	19-Jan-16	10.92
Old Brahmaputra	SW225	Jamalpur	20-Jan-16	10.92
Old Brahmaputra	SW225	Jamalpur	21-Jan-16	10.91
Old Brahmaputra	SW225	Jamalpur	22-Jan-16	10.91
Old Brahmaputra	SW225	Jamalpur	23-Jan-16	10.91
Old Brahmaputra	SW225	Jamalpur	24-Jan-16	10.9
Old Brahmaputra	SW225	Jamalpur	25-Jan-16	10.9
Old Brahmaputra	SW225	Jamalpur	26-Jan-16	10.9
Old Brahmaputra	SW225	Jamalpur	27-Jan-16	10.89
Old Brahmaputra	SW225	Jamalpur	28-Jan-16	10.89
Old Brahmaputra	SW225	Jamalpur	29-Jan-16	10.89
Old Brahmaputra	SW225	Jamalpur	30-Jan-16	10.88
Old Brahmaputra	SW225	Jamalpur	31-Jan-16	10.87
Old Brahmaputra	SW225	Jamalpur	01-Feb-16	10.86
Old Brahmaputra	SW225	Jamalpur	02-Feb-16	10.86
Old Brahmaputra	SW225	Jamalpur	03-Feb-16	10.85
Old Brahmaputra	SW225	Jamalpur	04-Feb-16	10.85
Old Brahmaputra	SW225	Jamalpur	05-Feb-16	10.84
Old Brahmaputra	SW225	Jamalpur	06-Feb-16	10.84
Old Brahmaputra	SW225	Jamalpur	07-Feb-16	10.82
Old Brahmaputra	SW225	Jamalpur	08-Feb-16	10.8
Old Brahmaputra	SW225	Jamalpur	09-Feb-16	10.79
Old Brahmaputra	SW225	Jamalpur	10-Feb-16	10.78
Old Brahmaputra	SW225	Jamalpur	11-Feb-16	10.77
Old Brahmaputra	SW225	Jamalpur	12-Feb-16	10.75
Old Brahmaputra	SW225	Jamalpur	13-Feb-16	10.74
Old Brahmaputra	SW225	Jamalpur	14-Feb-16	10.73
Old Brahmaputra	SW225	Jamalpur	15-Feb-16	10.71
Old Brahmaputra	SW225	Jamalpur	16-Feb-16	10.7
Old Brahmaputra	SW225	Jamalpur	17-Feb-16	10.69
Old Brahmaputra	SW225	Jamalpur	18-Feb-16	10.68

Old Brahmaputra	SW225	Jamalpur	19-Feb-16	10.67
Old Brahmaputra	SW225	Jamalpur	20-Feb-16	10.66
Old Brahmaputra	SW225	Jamalpur	21-Feb-16	10.65
Old Brahmaputra	SW225	Jamalpur	22-Feb-16	10.64
Old Brahmaputra	SW225	Jamalpur	23-Feb-16	10.64
Old Brahmaputra	SW225	Jamalpur	24-Feb-16	10.63
Old Brahmaputra	SW225	Jamalpur	25-Feb-16	10.63
Old Brahmaputra	SW225	Jamalpur	26-Feb-16	10.62
Old Brahmaputra	SW225	Jamalpur	27-Feb-16	10.62
Old Brahmaputra	SW225	Jamalpur	28-Feb-16	10.62
Old Brahmaputra	SW225	Jamalpur	29-Feb-16	10.614
Old Brahmaputra	SW225	Jamalpur	01-Mar-16	10.61
Old Brahmaputra	SW225	Jamalpur	02-Mar-16	10.61
Old Brahmaputra	SW225	Jamalpur	03-Mar-16	10.6
Old Brahmaputra	SW225	Jamalpur	04-Mar-16	10.6
Old Brahmaputra	SW225	Jamalpur	05-Mar-16	10.6
Old Brahmaputra	SW225	Jamalpur	06-Mar-16	10.59
Old Brahmaputra	SW225	Jamalpur	07-Mar-16	10.59
Old Brahmaputra	SW225	Jamalpur	08-Mar-16	10.59
Old Brahmaputra	SW225	Jamalpur	09-Mar-16	10.58
Old Brahmaputra	SW225	Jamalpur	10-Mar-16	10.58
Old Brahmaputra	SW225	Jamalpur	11-Mar-16	10.57
Old Brahmaputra	SW225	Jamalpur	12-Mar-16	10.568
Old Brahmaputra	SW225	Jamalpur	13-Mar-16	10.56
Old Brahmaputra	SW225	Jamalpur	14-Mar-16	10.55
Old Brahmaputra	SW225	Jamalpur	15-Mar-16	10.55
Old Brahmaputra	SW225	Jamalpur	16-Mar-16	10.55
Old Brahmaputra	SW225	Jamalpur	17-Mar-16	10.56
Old Brahmaputra	SW225	Jamalpur	18-Mar-16	10.56
Old Brahmaputra	SW225	Jamalpur	19-Mar-16	10.56
Old Brahmaputra	SW225	Jamalpur	20-Mar-16	10.56
Old Brahmaputra	SW225	Jamalpur	21-Mar-16	10.56
Old Brahmaputra	SW225	Jamalpur	22-Mar-16	10.56
Old Brahmaputra	SW225	Jamalpur	23-Mar-16	10.57
Old Brahmaputra	SW225	Jamalpur	24-Mar-16	10.57
Old Brahmaputra	SW225	Jamalpur	25-Mar-16	10.57
Old Brahmaputra	SW225	Jamalpur	26-Mar-16	10.57
Old Brahmaputra	SW225	Jamalpur	27-Mar-16	10.57
Old Brahmaputra	SW225	Jamalpur	28-Mar-16	10.58
Old Brahmaputra	SW225	Jamalpur	29-Mar-16	10.58
Old Brahmaputra	SW225	Jamalpur	30-Mar-16	10.58
Old Brahmaputra	SW225	Jamalpur	31-Mar-16	10.604
Old Brahmaputra	SW225	Jamalpur	01-Apr-16	10.674
Old Brahmaputra	SW225	Jamalpur	02-Apr-16	10.732
Old Brahmaputra	SW225	Jamalpur	03-Apr-16	10.808
Old Brahmaputra	SW225	Jamalpur	04-Apr-16	10.846
Old Brahmaputra	SW225	Jamalpur	05-Apr-16	10.86
Old Brahmaputra	SW225	Jamalpur	06-Apr-16	10.86
Old Brahmaputra	SW225	Jamalpur	07-Apr-16	10.85
Old Brahmaputra	SW225	Jamalpur	08-Apr-16	10.85

Old Brahmaputra	SW225	Jamalpur	09-Apr-16	10.844
Old Brahmaputra	SW225	Jamalpur	10-Apr-16	10.84
Old Brahmaputra	SW225	Jamalpur	11-Apr-16	10.84
Old Brahmaputra	SW225	Jamalpur	12-Apr-16	10.83
Old Brahmaputra	SW225	Jamalpur	13-Apr-16	10.828
Old Brahmaputra	SW225	Jamalpur	14-Apr-16	10.792
Old Brahmaputra	SW225	Jamalpur	15-Apr-16	10.746
Old Brahmaputra	SW225	Jamalpur	16-Apr-16	10.716
Old Brahmaputra	SW225	Jamalpur	17-Apr-16	10.696
Old Brahmaputra	SW225	Jamalpur	18-Apr-16	10.68
Old Brahmaputra	SW225	Jamalpur	19-Apr-16	10.674
Old Brahmaputra	SW225	Jamalpur	20-Apr-16	10.65
Old Brahmaputra	SW225	Jamalpur	21-Apr-16	10.64
Old Brahmaputra	SW225	Jamalpur	22-Apr-16	10.64
Old Brahmaputra	SW225	Jamalpur	23-Apr-16	10.63
Old Brahmaputra	SW225	Jamalpur	24-Apr-16	10.63
Old Brahmaputra	SW225	Jamalpur	25-Apr-16	10.63
Old Brahmaputra	SW225	Jamalpur	26-Apr-16	10.628
Old Brahmaputra	SW225	Jamalpur	27-Apr-16	10.62
Old Brahmaputra	SW225	Jamalpur	28-Apr-16	10.62
Old Brahmaputra	SW225	Jamalpur	29-Apr-16	10.616
Old Brahmaputra	SW225	Jamalpur	30-Apr-16	10.61
Old Brahmaputra	SW225	Jamalpur	01-May-16	10.64
Old Brahmaputra	SW225	Jamalpur	02-May-16	10.652
Old Brahmaputra	SW225	Jamalpur	03-May-16	10.67
Old Brahmaputra	SW225	Jamalpur	04-May-16	10.66
Old Brahmaputra	SW225	Jamalpur	05-May-16	10.67
Old Brahmaputra	SW225	Jamalpur	06-May-16	10.68
Old Brahmaputra	SW225	Jamalpur	07-May-16	10.704
Old Brahmaputra	SW225	Jamalpur	08-May-16	10.72
Old Brahmaputra	SW225	Jamalpur	09-May-16	10.73
Old Brahmaputra	SW225	Jamalpur	10-May-16	10.688
Old Brahmaputra	SW225	Jamalpur	11-May-16	10.65
Old Brahmaputra	SW225	Jamalpur	12-May-16	10.66
Old Brahmaputra	SW225	Jamalpur	13-May-16	10.676
Old Brahmaputra	SW225	Jamalpur	14-May-16	10.72
Old Brahmaputra	SW225	Jamalpur	15-May-16	10.772
Old Brahmaputra	SW225	Jamalpur	16-May-16	10.79
Old Brahmaputra	SW225	Jamalpur	17-May-16	10.77
Old Brahmaputra	SW225	Jamalpur	18-May-16	10.826
Old Brahmaputra	SW225	Jamalpur	19-May-16	10.9
Old Brahmaputra	SW225	Jamalpur	20-May-16	10.99
Old Brahmaputra	SW225	Jamalpur	21-May-16	11.144
Old Brahmaputra	SW225	Jamalpur	22-May-16	11.242
Old Brahmaputra	SW225	Jamalpur	23-May-16	11.39
Old Brahmaputra	SW225	Jamalpur	24-May-16	11.708
Old Brahmaputra	SW225	Jamalpur	25-May-16	11.858
Old Brahmaputra	SW225	Jamalpur	26-May-16	11.762
Old Brahmaputra	SW225	Jamalpur	27-May-16	11.664
Old Brahmaputra	SW225	Jamalpur	28-May-16	11.516

Old Brahmaputra	SW225	Jamalpur	29-May-16	11.462
Old Brahmaputra	SW225	Jamalpur	30-May-16	11.474
Old Brahmaputra	SW225	Jamalpur	31-May-16	11.452
Old Brahmaputra	SW225	Jamalpur	01-Jun-16	11.408
Old Brahmaputra	SW225	Jamalpur	02-Jun-16	11.362
Old Brahmaputra	SW225	Jamalpur	03-Jun-16	11.316
Old Brahmaputra	SW225	Jamalpur	04-Jun-16	11.304
Old Brahmaputra	SW225	Jamalpur	05-Jun-16	11.274
Old Brahmaputra	SW225	Jamalpur	06-Jun-16	11.234
Old Brahmaputra	SW225	Jamalpur	07-Jun-16	11.22
Old Brahmaputra	SW225	Jamalpur	08-Jun-16	11.166
Old Brahmaputra	SW225	Jamalpur	09-Jun-16	11.064
Old Brahmaputra	SW225	Jamalpur	10-Jun-16	11.034
Old Brahmaputra	SW225	Jamalpur	11-Jun-16	11.018
Old Brahmaputra	SW225	Jamalpur	12-Jun-16	11.066
Old Brahmaputra	SW225	Jamalpur	13-Jun-16	11.054
Old Brahmaputra	SW225	Jamalpur	14-Jun-16	11.01
Old Brahmaputra	SW225	Jamalpur	15-Jun-16	11.01
Old Brahmaputra	SW225	Jamalpur	16-Jun-16	11.092
Old Brahmaputra	SW225	Jamalpur	17-Jun-16	11.496
Old Brahmaputra	SW225	Jamalpur	18-Jun-16	12.192
Old Brahmaputra	SW225	Jamalpur	19-Jun-16	12.388
Old Brahmaputra	SW225	Jamalpur	20-Jun-16	12.394
Old Brahmaputra	SW225	Jamalpur	21-Jun-16	12.426
Old Brahmaputra	SW225	Jamalpur	22-Jun-16	12.604
Old Brahmaputra	SW225	Jamalpur	23-Jun-16	12.806
Old Brahmaputra	SW225	Jamalpur	24-Jun-16	13.206
Old Brahmaputra	SW225	Jamalpur	25-Jun-16	13.55
Old Brahmaputra	SW225	Jamalpur	26-Jun-16	13.946
Old Brahmaputra	SW225	Jamalpur	27-Jun-16	14.262
Old Brahmaputra	SW225	Jamalpur	28-Jun-16	14.312
Old Brahmaputra	SW225	Jamalpur	29-Jun-16	14.248
Old Brahmaputra	SW225	Jamalpur	30-Jun-16	14.106
Old Brahmaputra	SW225	Jamalpur	01-Jul-16	14.046
Old Brahmaputra	SW225	Jamalpur	02-Jul-16	13.85
Old Brahmaputra	SW225	Jamalpur	03-Jul-16	13.878
Old Brahmaputra	SW225	Jamalpur	04-Jul-16	13.92
Old Brahmaputra	SW225	Jamalpur	05-Jul-16	13.976
Old Brahmaputra	SW225	Jamalpur	06-Jul-16	14.082
Old Brahmaputra	SW225	Jamalpur	07-Jul-16	14.304
Old Brahmaputra	SW225	Jamalpur	08-Jul-16	14.588
Old Brahmaputra	SW225	Jamalpur	09-Jul-16	14.742
Old Brahmaputra	SW225	Jamalpur	10-Jul-16	14.936
Old Brahmaputra	SW225	Jamalpur	11-Jul-16	14.954
Old Brahmaputra	SW225	Jamalpur	12-Jul-16	14.838
Old Brahmaputra	SW225	Jamalpur	13-Jul-16	14.788
Old Brahmaputra	SW225	Jamalpur	14-Jul-16	14.696
Old Brahmaputra	SW225	Jamalpur	15-Jul-16	14.552
Old Brahmaputra	SW225	Jamalpur	16-Jul-16	14.452
Old Brahmaputra	SW225	Jamalpur	17-Jul-16	14.374

Old Brahmaputra	SW225	Jamalpur	18-Jul-16	14.46
Old Brahmaputra	SW225	Jamalpur	19-Jul-16	14.584
Old Brahmaputra	SW225	Jamalpur	20-Jul-16	14.706
Old Brahmaputra	SW225	Jamalpur	21-Jul-16	14.84
Old Brahmaputra	SW225	Jamalpur	22-Jul-16	14.912
Old Brahmaputra	SW225	Jamalpur	23-Jul-16	15.086
Old Brahmaputra	SW225	Jamalpur	24-Jul-16	15.246
Old Brahmaputra	SW225	Jamalpur	25-Jul-16	15.474
Old Brahmaputra	SW225	Jamalpur	26-Jul-16	15.548
Old Brahmaputra	SW225	Jamalpur	27-Jul-16	15.696
Old Brahmaputra	SW225	Jamalpur	28-Jul-16	15.892
Old Brahmaputra	SW225	Jamalpur	29-Jul-16	16.17
Old Brahmaputra	SW225	Jamalpur	30-Jul-16	16.476
Old Brahmaputra	SW225	Jamalpur	31-Jul-16	16.67
Old Brahmaputra	SW225	Jamalpur	01-Aug-16	16.75
Old Brahmaputra	SW225	Jamalpur	02-Aug-16	16.618
Old Brahmaputra	SW225	Jamalpur	03-Aug-16	16.57
Old Brahmaputra	SW225	Jamalpur	04-Aug-16	16.526
Old Brahmaputra	SW225	Jamalpur	05-Aug-16	16.45
Old Brahmaputra	SW225	Jamalpur	06-Aug-16	16.262
Old Brahmaputra	SW225	Jamalpur	07-Aug-16	15.996
Old Brahmaputra	SW225	Jamalpur	08-Aug-16	15.656
Old Brahmaputra	SW225	Jamalpur	09-Aug-16	15.2
Old Brahmaputra	SW225	Jamalpur	10-Aug-16	14.882
Old Brahmaputra	SW225	Jamalpur	11-Aug-16	14.222
Old Brahmaputra	SW225	Jamalpur	12-Aug-16	13.71
Old Brahmaputra	SW225	Jamalpur	13-Aug-16	13.584
Old Brahmaputra	SW225	Jamalpur	14-Aug-16	13.43
Old Brahmaputra	SW225	Jamalpur	15-Aug-16	13.308
Old Brahmaputra	SW225	Jamalpur	16-Aug-16	13.122
Old Brahmaputra	SW225	Jamalpur	17-Aug-16	13.03
Old Brahmaputra	SW225	Jamalpur	18-Aug-16	12.844
Old Brahmaputra	SW225	Jamalpur	19-Aug-16	12.688
Old Brahmaputra	SW225	Jamalpur	20-Aug-16	12.742
Old Brahmaputra	SW225	Jamalpur	21-Aug-16	12.686
Old Brahmaputra	SW225	Jamalpur	22-Aug-16	12.632
Old Brahmaputra	SW225	Jamalpur	23-Aug-16	12.564
Old Brahmaputra	SW225	Jamalpur	24-Aug-16	12.374
Old Brahmaputra	SW225	Jamalpur	25-Aug-16	12.242
Old Brahmaputra	SW225	Jamalpur	26-Aug-16	12.188
Old Brahmaputra	SW225	Jamalpur	27-Aug-16	12.114
Old Brahmaputra	SW225	Jamalpur	28-Aug-16	12.054
Old Brahmaputra	SW225	Jamalpur	29-Aug-16	11.972
Old Brahmaputra	SW225	Jamalpur	30-Aug-16	11.888
Old Brahmaputra	SW225	Jamalpur	31-Aug-16	11.848
Old Brahmaputra	SW225	Jamalpur	01-Sep-16	11.834
Old Brahmaputra	SW225	Jamalpur	02-Sep-16	11.8
Old Brahmaputra	SW225	Jamalpur	03-Sep-16	11.788
Old Brahmaputra	SW225	Jamalpur	04-Sep-16	11.998
Old Brahmaputra	SW225	Jamalpur	05-Sep-16	12.208

Old Brahmaputra	SW225	Jamalpur	06-Sep-16	12.378
Old Brahmaputra	SW225	Jamalpur	07-Sep-16	12.476
Old Brahmaputra	SW225	Jamalpur	08-Sep-16	12.61
Old Brahmaputra	SW225	Jamalpur	09-Sep-16	12.702
Old Brahmaputra	SW225	Jamalpur	10-Sep-16	13.008
Old Brahmaputra	SW225	Jamalpur	11-Sep-16	13.166
Old Brahmaputra	SW225	Jamalpur	12-Sep-16	13.266
Old Brahmaputra	SW225	Jamalpur	13-Sep-16	13.396
Old Brahmaputra	SW225	Jamalpur	14-Sep-16	13.498
Old Brahmaputra	SW225	Jamalpur	15-Sep-16	13.674
Old Brahmaputra	SW225	Jamalpur	16-Sep-16	13.834
Old Brahmaputra	SW225	Jamalpur	17-Sep-16	13.87
Old Brahmaputra	SW225	Jamalpur	18-Sep-16	13.652
Old Brahmaputra	SW225	Jamalpur	19-Sep-16	13.408
Old Brahmaputra	SW225	Jamalpur	20-Sep-16	13.178
Old Brahmaputra	SW225	Jamalpur	21-Sep-16	12.866
Old Brahmaputra	SW225	Jamalpur	22-Sep-16	12.696
Old Brahmaputra	SW225	Jamalpur	23-Sep-16	12.622
Old Brahmaputra	SW225	Jamalpur	24-Sep-16	12.614
Old Brahmaputra	SW225	Jamalpur	25-Sep-16	12.844
Old Brahmaputra	SW225	Jamalpur	26-Sep-16	13.018
Old Brahmaputra	SW225	Jamalpur	27-Sep-16	13.198
Old Brahmaputra	SW225	Jamalpur	28-Sep-16	13.35
Old Brahmaputra	SW225	Jamalpur	29-Sep-16	13.44
Old Brahmaputra	SW225	Jamalpur	30-Sep-16	13.52
Old Brahmaputra	SW225	Jamalpur	01-Oct-16	13.618
Old Brahmaputra	SW225	Jamalpur	02-Oct-16	13.966
Old Brahmaputra	SW225	Jamalpur	03-Oct-16	13.92
Old Brahmaputra	SW225	Jamalpur	04-Oct-16	13.8
Old Brahmaputra	SW225	Jamalpur	05-Oct-16	13.644
Old Brahmaputra	SW225	Jamalpur	06-Oct-16	13.264
Old Brahmaputra	SW225	Jamalpur	07-Oct-16	13.072
Old Brahmaputra	SW225	Jamalpur	08-Oct-16	12.734
Old Brahmaputra	SW225	Jamalpur	09-Oct-16	12.498
Old Brahmaputra	SW225	Jamalpur	10-Oct-16	12.332
Old Brahmaputra	SW225	Jamalpur	11-Oct-16	12.42
Old Brahmaputra	SW225	Jamalpur	12-Oct-16	12.538
Old Brahmaputra	SW225	Jamalpur	13-Oct-16	12.618
Old Brahmaputra	SW225	Jamalpur	14-Oct-16	12.708
Old Brahmaputra	SW225	Jamalpur	15-Oct-16	12.764
Old Brahmaputra	SW225	Jamalpur	16-Oct-16	13.196
Old Brahmaputra	SW225	Jamalpur	17-Oct-16	13.574
Old Brahmaputra	SW225	Jamalpur	18-Oct-16	13.696
Old Brahmaputra	SW225	Jamalpur	19-Oct-16	13.802
Old Brahmaputra	SW225	Jamalpur	20-Oct-16	13.642
Old Brahmaputra	SW225	Jamalpur	21-Oct-16	13.44
Old Brahmaputra	SW225	Jamalpur	22-Oct-16	13.058
Old Brahmaputra	SW225	Jamalpur	23-Oct-16	12.846
Old Brahmaputra	SW225	Jamalpur	24-Oct-16	12.424
Old Brahmaputra	SW225	Jamalpur	25-Oct-16	12.072

Old Brahmaputra	SW225	Jamalpur	26-Oct-16	11.872
Old Brahmaputra	SW225	Jamalpur	27-Oct-16	11.716
Old Brahmaputra	SW225	Jamalpur	28-Oct-16	11.694
Old Brahmaputra	SW225	Jamalpur	29-Oct-16	11.65
Old Brahmaputra	SW225	Jamalpur	30-Oct-16	11.582
Old Brahmaputra	SW225	Jamalpur	31-Oct-16	11.474
Old Brahmaputra	SW225	Jamalpur	01-Nov-16	11.362
Old Brahmaputra	SW225	Jamalpur	02-Nov-16	11.344
Old Brahmaputra	SW225	Jamalpur	03-Nov-16	11.33
Old Brahmaputra	SW225	Jamalpur	04-Nov-16	11.31
Old Brahmaputra	SW225	Jamalpur	05-Nov-16	11.3
Old Brahmaputra	SW225	Jamalpur	06-Nov-16	11.29
Old Brahmaputra	SW225	Jamalpur	07-Nov-16	11.284
Old Brahmaputra	SW225	Jamalpur	08-Nov-16	11.28
Old Brahmaputra	SW225	Jamalpur	09-Nov-16	11.26
Old Brahmaputra	SW225	Jamalpur	10-Nov-16	11.25
Old Brahmaputra	SW225	Jamalpur	11-Nov-16	11.224
Old Brahmaputra	SW225	Jamalpur	12-Nov-16	11.21
Old Brahmaputra	SW225	Jamalpur	13-Nov-16	11.2
Old Brahmaputra	SW225	Jamalpur	14-Nov-16	11.19
Old Brahmaputra	SW225	Jamalpur	15-Nov-16	11.18
Old Brahmaputra	SW225	Jamalpur	16-Nov-16	11.18
Old Brahmaputra	SW225	Jamalpur	17-Nov-16	11.164
Old Brahmaputra	SW225	Jamalpur	18-Nov-16	11.16
Old Brahmaputra	SW225	Jamalpur	19-Nov-16	11.15
Old Brahmaputra	SW225	Jamalpur	20-Nov-16	11.12
Old Brahmaputra	SW225	Jamalpur	21-Nov-16	11.104
Old Brahmaputra	SW225	Jamalpur	22-Nov-16	11.09
Old Brahmaputra	SW225	Jamalpur	23-Nov-16	11.084
Old Brahmaputra	SW225	Jamalpur	24-Nov-16	11.074
Old Brahmaputra	SW225	Jamalpur	25-Nov-16	11.06
Old Brahmaputra	SW225	Jamalpur	26-Nov-16	11.04
Old Brahmaputra	SW225	Jamalpur	27-Nov-16	11.024
Old Brahmaputra	SW225	Jamalpur	28-Nov-16	11.01
Old Brahmaputra	SW225	Jamalpur	29-Nov-16	11
Old Brahmaputra	SW225	Jamalpur	30-Nov-16	10.994
Old Brahmaputra	SW225	Jamalpur	01-Dec-16	10.976
Old Brahmaputra	SW225	Jamalpur	02-Dec-16	10.97
Old Brahmaputra	SW225	Jamalpur	03-Dec-16	10.96
Old Brahmaputra	SW225	Jamalpur	04-Dec-16	10.95
Old Brahmaputra	SW225	Jamalpur	05-Dec-16	10.94
Old Brahmaputra	SW225	Jamalpur	06-Dec-16	10.94
Old Brahmaputra	SW225	Jamalpur	07-Dec-16	10.94
Old Brahmaputra	SW225	Jamalpur	08-Dec-16	10.93
Old Brahmaputra	SW225	Jamalpur	09-Dec-16	10.92
Old Brahmaputra	SW225	Jamalpur	10-Dec-16	10.91
Old Brahmaputra	SW225	Jamalpur	11-Dec-16	10.91
Old Brahmaputra	SW225	Jamalpur	12-Dec-16	10.9
Old Brahmaputra	SW225	Jamalpur	13-Dec-16	10.9
Old Brahmaputra	SW225	Jamalpur	14-Dec-16	10.89

Old Brahmaputra	SW225	Jamalpur	15-Dec-16	10.88
Old Brahmaputra	SW225	Jamalpur	16-Dec-16	10.88
Old Brahmaputra	SW225	Jamalpur	17-Dec-16	10.88
Old Brahmaputra	SW225	Jamalpur	18-Dec-16	10.87
Old Brahmaputra	SW225	Jamalpur	19-Dec-16	10.87
Old Brahmaputra	SW225	Jamalpur	20-Dec-16	10.86
Old Brahmaputra	SW225	Jamalpur	21-Dec-16	10.85
Old Brahmaputra	SW225	Jamalpur	22-Dec-16	10.84
Old Brahmaputra	SW225	Jamalpur	23-Dec-16	10.84
Old Brahmaputra	SW225	Jamalpur	24-Dec-16	10.83
Old Brahmaputra	SW225	Jamalpur	25-Dec-16	10.82
Old Brahmaputra	SW225	Jamalpur	26-Dec-16	10.82
Old Brahmaputra	SW225	Jamalpur	27-Dec-16	10.81
Old Brahmaputra	SW225	Jamalpur	28-Dec-16	10.81
Old Brahmaputra	SW225	Jamalpur	29-Dec-16	10.79
Old Brahmaputra	SW225	Jamalpur	30-Dec-16	10.79
Old Brahmaputra	SW225	Jamalpur	31-Dec-16	10.78
Old Brahmaputra	SW225	Jamalpur	01-Jan-17	10.774
Old Brahmaputra	SW225	Jamalpur	02-Jan-17	10.77
Old Brahmaputra	SW225	Jamalpur	03-Jan-17	10.76
Old Brahmaputra	SW225	Jamalpur	04-Jan-17	10.754
Old Brahmaputra	SW225	Jamalpur	05-Jan-17	10.744
Old Brahmaputra	SW225	Jamalpur	06-Jan-17	10.74
Old Brahmaputra	SW225	Jamalpur	07-Jan-17	10.734
Old Brahmaputra	SW225	Jamalpur	08-Jan-17	10.73
Old Brahmaputra	SW225	Jamalpur	09-Jan-17	10.72
Old Brahmaputra	SW225	Jamalpur	10-Jan-17	10.72
Old Brahmaputra	SW225	Jamalpur	11-Jan-17	10.71
Old Brahmaputra	SW225	Jamalpur	12-Jan-17	10.704
Old Brahmaputra	SW225	Jamalpur	13-Jan-17	10.7
Old Brahmaputra	SW225	Jamalpur	14-Jan-17	10.698
Old Brahmaputra	SW225	Jamalpur	15-Jan-17	10.69
Old Brahmaputra	SW225	Jamalpur	16-Jan-17	10.68
Old Brahmaputra	SW225	Jamalpur	17-Jan-17	10.68
Old Brahmaputra	SW225	Jamalpur	18-Jan-17	10.67
Old Brahmaputra	SW225	Jamalpur	19-Jan-17	10.668
Old Brahmaputra	SW225	Jamalpur	20-Jan-17	10.66
Old Brahmaputra	SW225	Jamalpur	21-Jan-17	10.658
Old Brahmaputra	SW225	Jamalpur	22-Jan-17	10.65
Old Brahmaputra	SW225	Jamalpur	23-Jan-17	10.65
Old Brahmaputra	SW225	Jamalpur	24-Jan-17	10.648
Old Brahmaputra	SW225	Jamalpur	25-Jan-17	10.64
Old Brahmaputra	SW225	Jamalpur	26-Jan-17	10.638
Old Brahmaputra	SW225	Jamalpur	27-Jan-17	10.63
Old Brahmaputra	SW225	Jamalpur	28-Jan-17	10.63
Old Brahmaputra	SW225	Jamalpur	29-Jan-17	10.628
Old Brahmaputra	SW225	Jamalpur	30-Jan-17	10.62
Old Brahmaputra	SW225	Jamalpur	31-Jan-17	10.618
Old Brahmaputra	SW225	Jamalpur	01-Feb-17	10.61
Old Brahmaputra	SW225	Jamalpur	02-Feb-17	10.61

Old Brahmaputra	SW225	Jamalpur	03-Feb-17	10.594
Old Brahmaputra	SW225	Jamalpur	04-Feb-17	10.574
Old Brahmaputra	SW225	Jamalpur	05-Feb-17	10.56
Old Brahmaputra	SW225	Jamalpur	06-Feb-17	10.55
Old Brahmaputra	SW225	Jamalpur	07-Feb-17	10.542
Old Brahmaputra	SW225	Jamalpur	08-Feb-17	10.53
Old Brahmaputra	SW225	Jamalpur	09-Feb-17	10.524
Old Brahmaputra	SW225	Jamalpur	10-Feb-17	10.514
Old Brahmaputra	SW225	Jamalpur	11-Feb-17	10.504
Old Brahmaputra	SW225	Jamalpur	12-Feb-17	10.494
Old Brahmaputra	SW225	Jamalpur	13-Feb-17	10.482
Old Brahmaputra	SW225	Jamalpur	14-Feb-17	10.46
Old Brahmaputra	SW225	Jamalpur	15-Feb-17	10.426
Old Brahmaputra	SW225	Jamalpur	16-Feb-17	10.384
Old Brahmaputra	SW225	Jamalpur	17-Feb-17	10.344
Old Brahmaputra	SW225	Jamalpur	18-Feb-17	10.326
Old Brahmaputra	SW225	Jamalpur	19-Feb-17	10.31
Old Brahmaputra	SW225	Jamalpur	20-Feb-17	10.3
Old Brahmaputra	SW225	Jamalpur	21-Feb-17	10.286
Old Brahmaputra	SW225	Jamalpur	22-Feb-17	10.27
Old Brahmaputra	SW225	Jamalpur	23-Feb-17	10.27
Old Brahmaputra	SW225	Jamalpur	24-Feb-17	10.27
Old Brahmaputra	SW225	Jamalpur	25-Feb-17	10.26
Old Brahmaputra	SW225	Jamalpur	26-Feb-17	10.26
Old Brahmaputra	SW225	Jamalpur	27-Feb-17	10.25
Old Brahmaputra	SW225	Jamalpur	28-Feb-17	10.244
Old Brahmaputra	SW225	Jamalpur	01-Mar-17	10.24
Old Brahmaputra	SW225	Jamalpur	02-Mar-17	10.23
Old Brahmaputra	SW225	Jamalpur	03-Mar-17	10.23
Old Brahmaputra	SW225	Jamalpur	04-Mar-17	10.22
Old Brahmaputra	SW225	Jamalpur	05-Mar-17	10.218
Old Brahmaputra	SW225	Jamalpur	06-Mar-17	10.21
Old Brahmaputra	SW225	Jamalpur	07-Mar-17	10.204
Old Brahmaputra	SW225	Jamalpur	08-Mar-17	10.198
Old Brahmaputra	SW225	Jamalpur	09-Mar-17	10.19
Old Brahmaputra	SW225	Jamalpur	10-Mar-17	10.184
Old Brahmaputra	SW225	Jamalpur	11-Mar-17	10.178
Old Brahmaputra	SW225	Jamalpur	12-Mar-17	10.17
Old Brahmaputra	SW225	Jamalpur	13-Mar-17	10.16
Old Brahmaputra	SW225	Jamalpur	14-Mar-17	10.154
Old Brahmaputra	SW225	Jamalpur	15-Mar-17	10.15
Old Brahmaputra	SW225	Jamalpur	16-Mar-17	10.138
Old Brahmaputra	SW225	Jamalpur	17-Mar-17	10.12
Old Brahmaputra	SW225	Jamalpur	18-Mar-17	10.11
Old Brahmaputra	SW225	Jamalpur	19-Mar-17	10.104
Old Brahmaputra	SW225	Jamalpur	20-Mar-17	10.094
Old Brahmaputra	SW225	Jamalpur	21-Mar-17	10.084
Old Brahmaputra	SW225	Jamalpur	22-Mar-17	10.076
Old Brahmaputra	SW225	Jamalpur	23-Mar-17	10.07
Old Brahmaputra	SW225	Jamalpur	24-Mar-17	10.06

Old Brahmaputra	SW225	Jamalpur	25-Mar-17	10.058
Old Brahmaputra	SW225	Jamalpur	26-Mar-17	10.05
Old Brahmaputra	SW225	Jamalpur	27-Mar-17	10.044
Old Brahmaputra	SW225	Jamalpur	28-Mar-17	10.04
Old Brahmaputra	SW225	Jamalpur	29-Mar-17	10.04
Old Brahmaputra	SW225	Jamalpur	30-Mar-17	10.036
Old Brahmaputra	SW225	Jamalpur	31-Mar-17	10.03
Old Brahmaputra	SW225	Jamalpur	01-Apr-17	10.042
Old Brahmaputra	SW225	Jamalpur	02-Apr-17	10.138
Old Brahmaputra	SW225	Jamalpur	03-Apr-17	10.226
Old Brahmaputra	SW225	Jamalpur	04-Apr-17	10.348
Old Brahmaputra	SW225	Jamalpur	05-Apr-17	10.482
Old Brahmaputra	SW225	Jamalpur	06-Apr-17	10.598
Old Brahmaputra	SW225	Jamalpur	07-Apr-17	10.642
Old Brahmaputra	SW225	Jamalpur	08-Apr-17	10.688
Old Brahmaputra	SW225	Jamalpur	09-Apr-17	10.828
Old Brahmaputra	SW225	Jamalpur	10-Apr-17	10.986
Old Brahmaputra	SW225	Jamalpur	11-Apr-17	11.036
Old Brahmaputra	SW225	Jamalpur	12-Apr-17	10.816
Old Brahmaputra	SW225	Jamalpur	13-Apr-17	10.744
Old Brahmaputra	SW225	Jamalpur	14-Apr-17	10.684
Old Brahmaputra	SW225	Jamalpur	15-Apr-17	10.62
Old Brahmaputra	SW225	Jamalpur	16-Apr-17	10.656
Old Brahmaputra	SW225	Jamalpur	17-Apr-17	10.744
Old Brahmaputra	SW225	Jamalpur	18-Apr-17	10.794
Old Brahmaputra	SW225	Jamalpur	19-Apr-17	10.82
Old Brahmaputra	SW225	Jamalpur	20-Apr-17	10.898
Old Brahmaputra	SW225	Jamalpur	21-Apr-17	11.048
Old Brahmaputra	SW225	Jamalpur	22-Apr-17	11.086
Old Brahmaputra	SW225	Jamalpur	23-Apr-17	11.134
Old Brahmaputra	SW225	Jamalpur	24-Apr-17	11.158
Old Brahmaputra	SW225	Jamalpur	25-Apr-17	11.416
Old Brahmaputra	SW225	Jamalpur	26-Apr-17	11.704
Old Brahmaputra	SW225	Jamalpur	27-Apr-17	11.78
Old Brahmaputra	SW225	Jamalpur	28-Apr-17	11.766
Old Brahmaputra	SW225	Jamalpur	29-Apr-17	11.564
Old Brahmaputra	SW225	Jamalpur	30-Apr-17	11.484
Old Brahmaputra	SW225	Jamalpur	01-May-17	11.424
Old Brahmaputra	SW225	Jamalpur	02-May-17	11.418
Old Brahmaputra	SW225	Jamalpur	03-May-17	11.328
Old Brahmaputra	SW225	Jamalpur	04-May-17	11.27
Old Brahmaputra	SW225	Jamalpur	05-May-17	11.2
Old Brahmaputra	SW225	Jamalpur	06-May-17	11.222
Old Brahmaputra	SW225	Jamalpur	07-May-17	11.232
Old Brahmaputra	SW225	Jamalpur	08-May-17	11.266
Old Brahmaputra	SW225	Jamalpur	09-May-17	11.3
Old Brahmaputra	SW225	Jamalpur	10-May-17	11.334
Old Brahmaputra	SW225	Jamalpur	11-May-17	11.42
Old Brahmaputra	SW225	Jamalpur	12-May-17	11.358
Old Brahmaputra	SW225	Jamalpur	13-May-17	11.316

Old Brahmaputra	SW225	Jamalpur	14-May-17	11.256
Old Brahmaputra	SW225	Jamalpur	15-May-17	11.196
Old Brahmaputra	SW225	Jamalpur	16-May-17	11.13
Old Brahmaputra	SW225	Jamalpur	17-May-17	11.058
Old Brahmaputra	SW225	Jamalpur	18-May-17	10.994
Old Brahmaputra	SW225	Jamalpur	19-May-17	11.058
Old Brahmaputra	SW225	Jamalpur	20-May-17	11.134
Old Brahmaputra	SW225	Jamalpur	21-May-17	11.228
Old Brahmaputra	SW225	Jamalpur	22-May-17	11.356
Old Brahmaputra	SW225	Jamalpur	23-May-17	11.386
Old Brahmaputra	SW225	Jamalpur	24-May-17	11.458
Old Brahmaputra	SW225	Jamalpur	25-May-17	11.546
Old Brahmaputra	SW225	Jamalpur	26-May-17	11.43
Old Brahmaputra	SW225	Jamalpur	27-May-17	11.352
Old Brahmaputra	SW225	Jamalpur	28-May-17	11.294
Old Brahmaputra	SW225	Jamalpur	29-May-17	11.24
Old Brahmaputra	SW225	Jamalpur	30-May-17	11.178
Old Brahmaputra	SW225	Jamalpur	31-May-17	11.158
Old Brahmaputra	SW225	Jamalpur	01-Jun-17	11.14
Old Brahmaputra	SW225	Jamalpur	02-Jun-17	11.114
Old Brahmaputra	SW225	Jamalpur	03-Jun-17	11.09
Old Brahmaputra	SW225	Jamalpur	04-Jun-17	11.07
Old Brahmaputra	SW225	Jamalpur	05-Jun-17	11.06
Old Brahmaputra	SW225	Jamalpur	06-Jun-17	11.076
Old Brahmaputra	SW225	Jamalpur	07-Jun-17	11.104
Old Brahmaputra	SW225	Jamalpur	08-Jun-17	11.16
Old Brahmaputra	SW225	Jamalpur	09-Jun-17	11.632
Old Brahmaputra	SW225	Jamalpur	10-Jun-17	11.772
Old Brahmaputra	SW225	Jamalpur	11-Jun-17	11.74
Old Brahmaputra	SW225	Jamalpur	12-Jun-17	11.546
Old Brahmaputra	SW225	Jamalpur	13-Jun-17	11.45
Old Brahmaputra	SW225	Jamalpur	14-Jun-17	11.026
Old Brahmaputra	SW225	Jamalpur	15-Jun-17	10.906
Old Brahmaputra	SW225	Jamalpur	16-Jun-17	10.976
Old Brahmaputra	SW225	Jamalpur	17-Jun-17	11.016
Old Brahmaputra	SW225	Jamalpur	18-Jun-17	11.156
Old Brahmaputra	SW225	Jamalpur	19-Jun-17	11.488
Old Brahmaputra	SW225	Jamalpur	20-Jun-17	11.686
Old Brahmaputra	SW225	Jamalpur	21-Jun-17	12.274
Old Brahmaputra	SW225	Jamalpur	22-Jun-17	12.444
Old Brahmaputra	SW225	Jamalpur	23-Jun-17	12.506
Old Brahmaputra	SW225	Jamalpur	24-Jun-17	12.556
Old Brahmaputra	SW225	Jamalpur	25-Jun-17	12.606
Old Brahmaputra	SW225	Jamalpur	26-Jun-17	12.7
Old Brahmaputra	SW225	Jamalpur	27-Jun-17	12.706
Old Brahmaputra	SW225	Jamalpur	28-Jun-17	12.458
Old Brahmaputra	SW225	Jamalpur	29-Jun-17	12.368
Old Brahmaputra	SW225	Jamalpur	30-Jun-17	12.258
Old Brahmaputra	SW225	Jamalpur	01-Jul-17	12.194
Old Brahmaputra	SW225	Jamalpur	02-Jul-17	12.154

Old Brahmaputra	SW225	Jamalpur	03-Jul-17	12.276
Old Brahmaputra	SW225	Jamalpur	04-Jul-17	12.908
Old Brahmaputra	SW225	Jamalpur	05-Jul-17	13.066
Old Brahmaputra	SW225	Jamalpur	06-Jul-17	14.194
Old Brahmaputra	SW225	Jamalpur	07-Jul-17	14.504
Old Brahmaputra	SW225	Jamalpur	08-Jul-17	14.974
Old Brahmaputra	SW225	Jamalpur	09-Jul-17	15.126
Old Brahmaputra	SW225	Jamalpur	10-Jul-17	15.274
Old Brahmaputra	SW225	Jamalpur	11-Jul-17	15.39
Old Brahmaputra	SW225	Jamalpur	12-Jul-17	15.61
Old Brahmaputra	SW225	Jamalpur	13-Jul-17	15.77
Old Brahmaputra	SW225	Jamalpur	14-Jul-17	15.934
Old Brahmaputra	SW225	Jamalpur	15-Jul-17	16.078
Old Brahmaputra	SW225	Jamalpur	16-Jul-17	16.162
Old Brahmaputra	SW225	Jamalpur	17-Jul-17	16.184
Old Brahmaputra	SW225	Jamalpur	18-Jul-17	16.114
Old Brahmaputra	SW225	Jamalpur	19-Jul-17	15.962
Old Brahmaputra	SW225	Jamalpur	20-Jul-17	15.754
Old Brahmaputra	SW225	Jamalpur	21-Jul-17	15.558
Old Brahmaputra	SW225	Jamalpur	22-Jul-17	15.194
Old Brahmaputra	SW225	Jamalpur	23-Jul-17	14.636
Old Brahmaputra	SW225	Jamalpur	24-Jul-17	14.45
Old Brahmaputra	SW225	Jamalpur	25-Jul-17	14.29
Old Brahmaputra	SW225	Jamalpur	26-Jul-17	14.144
Old Brahmaputra	SW225	Jamalpur	27-Jul-17	14.05
Old Brahmaputra	SW225	Jamalpur	28-Jul-17	13.996
Old Brahmaputra	SW225	Jamalpur	29-Jul-17	13.888
Old Brahmaputra	SW225	Jamalpur	30-Jul-17	13.556
Old Brahmaputra	SW225	Jamalpur	31-Jul-17	13.426
Old Brahmaputra	SW225	Jamalpur	01-Aug-17	13.382
Old Brahmaputra	SW225	Jamalpur	02-Aug-17	13.334
Old Brahmaputra	SW225	Jamalpur	03-Aug-17	13.298
Old Brahmaputra	SW225	Jamalpur	04-Aug-17	13.302
Old Brahmaputra	SW225	Jamalpur	05-Aug-17	13.424
Old Brahmaputra	SW225	Jamalpur	06-Aug-17	13.494
Old Brahmaputra	SW225	Jamalpur	07-Aug-17	13.486
Old Brahmaputra	SW225	Jamalpur	08-Aug-17	13.48
Old Brahmaputra	SW225	Jamalpur	09-Aug-17	13.74
Old Brahmaputra	SW225	Jamalpur	10-Aug-17	14.168
Old Brahmaputra	SW225	Jamalpur	11-Aug-17	14.562
Old Brahmaputra	SW225	Jamalpur	12-Aug-17	15.246
Old Brahmaputra	SW225	Jamalpur	13-Aug-17	15.902
Old Brahmaputra	SW225	Jamalpur	14-Aug-17	16.566
Old Brahmaputra	SW225	Jamalpur	15-Aug-17	16.948
Old Brahmaputra	SW225	Jamalpur	16-Aug-17	17.058
Old Brahmaputra	SW225	Jamalpur	17-Aug-17	16.872
Old Brahmaputra	SW225	Jamalpur	18-Aug-17	16.582
Old Brahmaputra	SW225	Jamalpur	19-Aug-17	16.252
Old Brahmaputra	SW225	Jamalpur	20-Aug-17	15.968
Old Brahmaputra	SW225	Jamalpur	21-Aug-17	15.75

Old Brahmaputra	SW225	Jamalpur	22-Aug-17	15.546
Old Brahmaputra	SW225	Jamalpur	23-Aug-17	15.336
Old Brahmaputra	SW225	Jamalpur	24-Aug-17	15.202
Old Brahmaputra	SW225	Jamalpur	25-Aug-17	15.038
Old Brahmaputra	SW225	Jamalpur	26-Aug-17	14.832
Old Brahmaputra	SW225	Jamalpur	27-Aug-17	14.694
Old Brahmaputra	SW225	Jamalpur	28-Aug-17	14.632
Old Brahmaputra	SW225	Jamalpur	29-Aug-17	14.484
Old Brahmaputra	SW225	Jamalpur	30-Aug-17	14.358
Old Brahmaputra	SW225	Jamalpur	31-Aug-17	14.184
Old Brahmaputra	SW225	Jamalpur	01-Sep-17	14.078
Old Brahmaputra	SW225	Jamalpur	02-Sep-17	13.962
Old Brahmaputra	SW225	Jamalpur	03-Sep-17	13.816
Old Brahmaputra	SW225	Jamalpur	04-Sep-17	13.716
Old Brahmaputra	SW225	Jamalpur	05-Sep-17	13.638
Old Brahmaputra	SW225	Jamalpur	06-Sep-17	13.584
Old Brahmaputra	SW225	Jamalpur	07-Sep-17	13.57
Old Brahmaputra	SW225	Jamalpur	08-Sep-17	13.548
Old Brahmaputra	SW225	Jamalpur	09-Sep-17	13.546
Old Brahmaputra	SW225	Jamalpur	10-Sep-17	13.95
Old Brahmaputra	SW225	Jamalpur	11-Sep-17	14.132
Old Brahmaputra	SW225	Jamalpur	12-Sep-17	14.234
Old Brahmaputra	SW225	Jamalpur	13-Sep-17	14.46
Old Brahmaputra	SW225	Jamalpur	14-Sep-17	14.518
Old Brahmaputra	SW225	Jamalpur	15-Sep-17	14.326
Old Brahmaputra	SW225	Jamalpur	16-Sep-17	14.134
Old Brahmaputra	SW225	Jamalpur	17-Sep-17	13.996
Old Brahmaputra	SW225	Jamalpur	18-Sep-17	13.954
Old Brahmaputra	SW225	Jamalpur	19-Sep-17	13.934
Old Brahmaputra	SW225	Jamalpur	20-Sep-17	13.898
Old Brahmaputra	SW225	Jamalpur	21-Sep-17	13.854
Old Brahmaputra	SW225	Jamalpur	22-Sep-17	13.742
Old Brahmaputra	SW225	Jamalpur	23-Sep-17	13.524
Old Brahmaputra	SW225	Jamalpur	24-Sep-17	13.374
Old Brahmaputra	SW225	Jamalpur	25-Sep-17	13.278
Old Brahmaputra	SW225	Jamalpur	26-Sep-17	13.096
Old Brahmaputra	SW225	Jamalpur	27-Sep-17	12.998
Old Brahmaputra	SW225	Jamalpur	28-Sep-17	12.96
Old Brahmaputra	SW225	Jamalpur	29-Sep-17	12.95
Old Brahmaputra	SW225	Jamalpur	30-Sep-17	12.95
Old Brahmaputra	SW225	Jamalpur	01-Oct-17	12.974
Old Brahmaputra	SW225	Jamalpur	02-Oct-17	13.118
Old Brahmaputra	SW225	Jamalpur	03-Oct-17	13.184
Old Brahmaputra	SW225	Jamalpur	04-Oct-17	13.288
Old Brahmaputra	SW225	Jamalpur	05-Oct-17	13.272
Old Brahmaputra	SW225	Jamalpur	06-Oct-17	13.3
Old Brahmaputra	SW225	Jamalpur	07-Oct-17	13.32
Old Brahmaputra	SW225	Jamalpur	08-Oct-17	13.294
Old Brahmaputra	SW225	Jamalpur	09-Oct-17	13.28
Old Brahmaputra	SW225	Jamalpur	10-Oct-17	13.266

Old Brahmaputra	SW225	Jamalpur	11-Oct-17	13.23
Old Brahmaputra	SW225	Jamalpur	12-Oct-17	13.204
Old Brahmaputra	SW225	Jamalpur	13-Oct-17	13.18
Old Brahmaputra	SW225	Jamalpur	14-Oct-17	13.148
Old Brahmaputra	SW225	Jamalpur	15-Oct-17	13.144
Old Brahmaputra	SW225	Jamalpur	16-Oct-17	13.104
Old Brahmaputra	SW225	Jamalpur	17-Oct-17	13.08
Old Brahmaputra	SW225	Jamalpur	18-Oct-17	13.064
Old Brahmaputra	SW225	Jamalpur	19-Oct-17	13.02
Old Brahmaputra	SW225	Jamalpur	20-Oct-17	13
Old Brahmaputra	SW225	Jamalpur	21-Oct-17	13.052
Old Brahmaputra	SW225	Jamalpur	22-Oct-17	13.104
Old Brahmaputra	SW225	Jamalpur	23-Oct-17	13.154
Old Brahmaputra	SW225	Jamalpur	24-Oct-17	13.17
Old Brahmaputra	SW225	Jamalpur	25-Oct-17	13.11
Old Brahmaputra	SW225	Jamalpur	26-Oct-17	13.02
Old Brahmaputra	SW225	Jamalpur	27-Oct-17	12.97
Old Brahmaputra	SW225	Jamalpur	28-Oct-17	12.946
Old Brahmaputra	SW225	Jamalpur	29-Oct-17	12.93
Old Brahmaputra	SW225	Jamalpur	30-Oct-17	12.904
Old Brahmaputra	SW225	Jamalpur	31-Oct-17	12.884
Old Brahmaputra	SW225	Jamalpur	01-Nov-17	12.864
Old Brahmaputra	SW225	Jamalpur	02-Nov-17	12.832
Old Brahmaputra	SW225	Jamalpur	03-Nov-17	12.814
Old Brahmaputra	SW225	Jamalpur	04-Nov-17	12.796
Old Brahmaputra	SW225	Jamalpur	05-Nov-17	12.762
Old Brahmaputra	SW225	Jamalpur	06-Nov-17	12.734
Old Brahmaputra	SW225	Jamalpur	07-Nov-17	12.7
Old Brahmaputra	SW225	Jamalpur	08-Nov-17	12.656
Old Brahmaputra	SW225	Jamalpur	09-Nov-17	12.624
Old Brahmaputra	SW225	Jamalpur	10-Nov-17	12.6
Old Brahmaputra	SW225	Jamalpur	11-Nov-17	12.564
Old Brahmaputra	SW225	Jamalpur	12-Nov-17	12.51
Old Brahmaputra	SW225	Jamalpur	13-Nov-17	12.486
Old Brahmaputra	SW225	Jamalpur	14-Nov-17	12.442
Old Brahmaputra	SW225	Jamalpur	15-Nov-17	12.404
Old Brahmaputra	SW225	Jamalpur	16-Nov-17	12.39
Old Brahmaputra	SW225	Jamalpur	17-Nov-17	12.362
Old Brahmaputra	SW225	Jamalpur	18-Nov-17	12.344
Old Brahmaputra	SW225	Jamalpur	19-Nov-17	12.324
Old Brahmaputra	SW225	Jamalpur	20-Nov-17	12.296
Old Brahmaputra	SW225	Jamalpur	21-Nov-17	12.274
Old Brahmaputra	SW225	Jamalpur	22-Nov-17	12.252
Old Brahmaputra	SW225	Jamalpur	23-Nov-17	12.23
Old Brahmaputra	SW225	Jamalpur	24-Nov-17	12.204
Old Brahmaputra	SW225	Jamalpur	25-Nov-17	12.184
Old Brahmaputra	SW225	Jamalpur	26-Nov-17	12.154
Old Brahmaputra	SW225	Jamalpur	27-Nov-17	12.124
Old Brahmaputra	SW225	Jamalpur	28-Nov-17	12.096
Old Brahmaputra	SW225	Jamalpur	29-Nov-17	12.076

Old Brahmaputra	SW225	Jamalpur	30-Nov-17	12.058
Old Brahmaputra	SW225	Jamalpur	01-Dec-17	12.034
Old Brahmaputra	SW225	Jamalpur	02-Dec-17	12.016
Old Brahmaputra	SW225	Jamalpur	03-Dec-17	11.996
Old Brahmaputra	SW225	Jamalpur	04-Dec-17	11.98
Old Brahmaputra	SW225	Jamalpur	05-Dec-17	11.958
Old Brahmaputra	SW225	Jamalpur	06-Dec-17	11.944
Old Brahmaputra	SW225	Jamalpur	07-Dec-17	11.928
Old Brahmaputra	SW225	Jamalpur	08-Dec-17	11.906
Old Brahmaputra	SW225	Jamalpur	09-Dec-17	11.876
Old Brahmaputra	SW225	Jamalpur	10-Dec-17	11.86
Old Brahmaputra	SW225	Jamalpur	11-Dec-17	11.844
Old Brahmaputra	SW225	Jamalpur	12-Dec-17	11.83
Old Brahmaputra	SW225	Jamalpur	13-Dec-17	11.82
Old Brahmaputra	SW225	Jamalpur	14-Dec-17	11.796
Old Brahmaputra	SW225	Jamalpur	15-Dec-17	11.78
Old Brahmaputra	SW225	Jamalpur	16-Dec-17	11.758
Old Brahmaputra	SW225	Jamalpur	17-Dec-17	11.74
Old Brahmaputra	SW225	Jamalpur	18-Dec-17	11.724
Old Brahmaputra	SW225	Jamalpur	19-Dec-17	11.71
Old Brahmaputra	SW225	Jamalpur	20-Dec-17	11.698
Old Brahmaputra	SW225	Jamalpur	21-Dec-17	11.676
Old Brahmaputra	SW225	Jamalpur	22-Dec-17	11.658
Old Brahmaputra	SW225	Jamalpur	23-Dec-17	11.64
Old Brahmaputra	SW225	Jamalpur	24-Dec-17	11.626
Old Brahmaputra	SW225	Jamalpur	25-Dec-17	11.604
Old Brahmaputra	SW225	Jamalpur	26-Dec-17	11.588
Old Brahmaputra	SW225	Jamalpur	27-Dec-17	11.574
Old Brahmaputra	SW225	Jamalpur	28-Dec-17	11.556
Old Brahmaputra	SW225	Jamalpur	29-Dec-17	11.528
Old Brahmaputra	SW225	Jamalpur	30-Dec-17	11.504
Old Brahmaputra	SW225	Jamalpur	31-Dec-17	11.486
Old Brahmaputra	SW225	Jamalpur	01-Jan-18	11.464
Old Brahmaputra	SW225	Jamalpur	02-Jan-18	11.446
Old Brahmaputra	SW225	Jamalpur	03-Jan-18	11.43
Old Brahmaputra	SW225	Jamalpur	04-Jan-18	11.418
Old Brahmaputra	SW225	Jamalpur	05-Jan-18	11.396
Old Brahmaputra	SW225	Jamalpur	06-Jan-18	11.38
Old Brahmaputra	SW225	Jamalpur	07-Jan-18	11.37
Old Brahmaputra	SW225	Jamalpur	08-Jan-18	11.358
Old Brahmaputra	SW225	Jamalpur	09-Jan-18	11.334
Old Brahmaputra	SW225	Jamalpur	10-Jan-18	11.32
Old Brahmaputra	SW225	Jamalpur	11-Jan-18	11.308
Old Brahmaputra	SW225	Jamalpur	12-Jan-18	11.286
Old Brahmaputra	SW225	Jamalpur	13-Jan-18	11.27
Old Brahmaputra	SW225	Jamalpur	14-Jan-18	11.264
Old Brahmaputra	SW225	Jamalpur	15-Jan-18	11.26
Old Brahmaputra	SW225	Jamalpur	16-Jan-18	11.25
Old Brahmaputra	SW225	Jamalpur	17-Jan-18	11.242
Old Brahmaputra	SW225	Jamalpur	18-Jan-18	11.24

Old Brahmaputra	SW225	Jamalpur	19-Jan-18	11.23
Old Brahmaputra	SW225	Jamalpur	20-Jan-18	11.222
Old Brahmaputra	SW225	Jamalpur	21-Jan-18	11.22
Old Brahmaputra	SW225	Jamalpur	22-Jan-18	11.21
Old Brahmaputra	SW225	Jamalpur	23-Jan-18	11.202
Old Brahmaputra	SW225	Jamalpur	24-Jan-18	11.2
Old Brahmaputra	SW225	Jamalpur	25-Jan-18	11.18
Old Brahmaputra	SW225	Jamalpur	26-Jan-18	11.168
Old Brahmaputra	SW225	Jamalpur	27-Jan-18	11.16
Old Brahmaputra	SW225	Jamalpur	28-Jan-18	11.15
Old Brahmaputra	SW225	Jamalpur	29-Jan-18	11.138
Old Brahmaputra	SW225	Jamalpur	30-Jan-18	11.116
Old Brahmaputra	SW225	Jamalpur	31-Jan-18	11.084
Old Brahmaputra	SW225	Jamalpur	01-Feb-18	11.068
Old Brahmaputra	SW225	Jamalpur	02-Feb-18	11.032
Old Brahmaputra	SW225	Jamalpur	03-Feb-18	11.018
Old Brahmaputra	SW225	Jamalpur	04-Feb-18	10.996
Old Brahmaputra	SW225	Jamalpur	05-Feb-18	10.97
Old Brahmaputra	SW225	Jamalpur	06-Feb-18	10.96
Old Brahmaputra	SW225	Jamalpur	07-Feb-18	10.948
Old Brahmaputra	SW225	Jamalpur	08-Feb-18	10.93
Old Brahmaputra	SW225	Jamalpur	09-Feb-18	10.906
Old Brahmaputra	SW225	Jamalpur	10-Feb-18	10.89
Old Brahmaputra	SW225	Jamalpur	11-Feb-18	10.874
Old Brahmaputra	SW225	Jamalpur	12-Feb-18	10.868
Old Brahmaputra	SW225	Jamalpur	13-Feb-18	10.852
Old Brahmaputra	SW225	Jamalpur	14-Feb-18	10.84
Old Brahmaputra	SW225	Jamalpur	15-Feb-18	10.83
Old Brahmaputra	SW225	Jamalpur	16-Feb-18	10.82
Old Brahmaputra	SW225	Jamalpur	17-Feb-18	10.8
Old Brahmaputra	SW225	Jamalpur	18-Feb-18	10.786
Old Brahmaputra	SW225	Jamalpur	19-Feb-18	10.77
Old Brahmaputra	SW225	Jamalpur	20-Feb-18	10.746
Old Brahmaputra	SW225	Jamalpur	21-Feb-18	10.72
Old Brahmaputra	SW225	Jamalpur	22-Feb-18	10.706
Old Brahmaputra	SW225	Jamalpur	23-Feb-18	10.692
Old Brahmaputra	SW225	Jamalpur	24-Feb-18	10.674
Old Brahmaputra	SW225	Jamalpur	25-Feb-18	10.646
Old Brahmaputra	SW225	Jamalpur	26-Feb-18	10.634
Old Brahmaputra	SW225	Jamalpur	27-Feb-18	10.616
Old Brahmaputra	SW225	Jamalpur	28-Feb-18	10.592
Old Brahmaputra	SW225	Jamalpur	01-Mar-18	10.556
Old Brahmaputra	SW225	Jamalpur	02-Mar-18	10.54
Old Brahmaputra	SW225	Jamalpur	03-Mar-18	10.518
Old Brahmaputra	SW225	Jamalpur	04-Mar-18	10.5
Old Brahmaputra	SW225	Jamalpur	05-Mar-18	10.488
Old Brahmaputra	SW225	Jamalpur	06-Mar-18	10.47
Old Brahmaputra	SW225	Jamalpur	07-Mar-18	10.45
Old Brahmaputra	SW225	Jamalpur	08-Mar-18	10.434
Old Brahmaputra	SW225	Jamalpur	09-Mar-18	10.42

Old Brahmaputra	SW225	Jamalpur	10-Mar-18	10.412
Old Brahmaputra	SW225	Jamalpur	11-Mar-18	10.4
Old Brahmaputra	SW225	Jamalpur	12-Mar-18	10.388
Old Brahmaputra	SW225	Jamalpur	13-Mar-18	10.412
Old Brahmaputra	SW225	Jamalpur	14-Mar-18	10.454
Old Brahmaputra	SW225	Jamalpur	15-Mar-18	10.478
Old Brahmaputra	SW225	Jamalpur	16-Mar-18	10.456
Old Brahmaputra	SW225	Jamalpur	17-Mar-18	10.428
Old Brahmaputra	SW225	Jamalpur	18-Mar-18	10.4
Old Brahmaputra	SW225	Jamalpur	19-Mar-18	10.374
Old Brahmaputra	SW225	Jamalpur	20-Mar-18	10.366
Old Brahmaputra	SW225	Jamalpur	21-Mar-18	10.338
Old Brahmaputra	SW225	Jamalpur	22-Mar-18	10.32
Old Brahmaputra	SW225	Jamalpur	23-Mar-18	10.312
Old Brahmaputra	SW225	Jamalpur	24-Mar-18	10.3
Old Brahmaputra	SW225	Jamalpur	25-Mar-18	10.29
Old Brahmaputra	SW225	Jamalpur	26-Mar-18	10.29
Old Brahmaputra	SW225	Jamalpur	27-Mar-18	10.28
Old Brahmaputra	SW225	Jamalpur	28-Mar-18	10.266
Old Brahmaputra	SW225	Jamalpur	29-Mar-18	10.244
Old Brahmaputra	SW225	Jamalpur	30-Mar-18	10.256
Old Brahmaputra	SW225	Jamalpur	31-Mar-18	10.27
Old Brahmaputra	SW225	Jamalpur	01-Apr-18	10.268
Old Brahmaputra	SW225	Jamalpur	02-Apr-18	10.256
Old Brahmaputra	SW225	Jamalpur	03-Apr-18	10.25
Old Brahmaputra	SW225	Jamalpur	04-Apr-18	10.24
Old Brahmaputra	SW225	Jamalpur	05-Apr-18	10.24
Old Brahmaputra	SW225	Jamalpur	06-Apr-18	10.24
Old Brahmaputra	SW225	Jamalpur	07-Apr-18	10.23
Old Brahmaputra	SW225	Jamalpur	08-Apr-18	10.23
Old Brahmaputra	SW225	Jamalpur	09-Apr-18	10.23
Old Brahmaputra	SW225	Jamalpur	10-Apr-18	10.22
Old Brahmaputra	SW225	Jamalpur	11-Apr-18	10.22
Old Brahmaputra	SW225	Jamalpur	12-Apr-18	10.21
Old Brahmaputra	SW225	Jamalpur	13-Apr-18	10.21
Old Brahmaputra	SW225	Jamalpur	14-Apr-18	10.2
Old Brahmaputra	SW225	Jamalpur	15-Apr-18	10.208
Old Brahmaputra	SW225	Jamalpur	16-Apr-18	10.228
Old Brahmaputra	SW225	Jamalpur	17-Apr-18	10.264
Old Brahmaputra	SW225	Jamalpur	18-Apr-18	10.29
Old Brahmaputra	SW225	Jamalpur	19-Apr-18	10.316
Old Brahmaputra	SW225	Jamalpur	20-Apr-18	10.336
Old Brahmaputra	SW225	Jamalpur	21-Apr-18	10.33
Old Brahmaputra	SW225	Jamalpur	22-Apr-18	10.32
Old Brahmaputra	SW225	Jamalpur	23-Apr-18	10.328
Old Brahmaputra	SW225	Jamalpur	24-Apr-18	10.336
Old Brahmaputra	SW225	Jamalpur	25-Apr-18	10.328
Old Brahmaputra	SW225	Jamalpur	26-Apr-18	10.302
Old Brahmaputra	SW225	Jamalpur	27-Apr-18	10.268
Old Brahmaputra	SW225	Jamalpur	28-Apr-18	10.234

Old Brahmaputra	SW225	Jamalpur	29-Apr-18	10.188
Old Brahmaputra	SW225	Jamalpur	30-Apr-18	10.16
Old Brahmaputra	SW225	Jamalpur	01-May-18	10.19
Old Brahmaputra	SW225	Jamalpur	02-May-18	10.204
Old Brahmaputra	SW225	Jamalpur	03-May-18	10.216
Old Brahmaputra	SW225	Jamalpur	04-May-18	10.22
Old Brahmaputra	SW225	Jamalpur	05-May-18	10.23
Old Brahmaputra	SW225	Jamalpur	06-May-18	10.244
Old Brahmaputra	SW225	Jamalpur	07-May-18	10.26
Old Brahmaputra	SW225	Jamalpur	08-May-18	10.264
Old Brahmaputra	SW225	Jamalpur	09-May-18	10.286
Old Brahmaputra	SW225	Jamalpur	10-May-18	10.29
Old Brahmaputra	SW225	Jamalpur	11-May-18	10.28
Old Brahmaputra	SW225	Jamalpur	12-May-18	10.26
Old Brahmaputra	SW225	Jamalpur	13-May-18	10.274
Old Brahmaputra	SW225	Jamalpur	14-May-18	10.286
Old Brahmaputra	SW225	Jamalpur	15-May-18	10.29
Old Brahmaputra	SW225	Jamalpur	16-May-18	10.304
Old Brahmaputra	SW225	Jamalpur	17-May-18	10.318
Old Brahmaputra	SW225	Jamalpur	18-May-18	10.33
Old Brahmaputra	SW225	Jamalpur	19-May-18	10.356
Old Brahmaputra	SW225	Jamalpur	20-May-18	10.324
Old Brahmaputra	SW225	Jamalpur	21-May-18	10.31
Old Brahmaputra	SW225	Jamalpur	22-May-18	10.338
Old Brahmaputra	SW225	Jamalpur	23-May-18	10.388
Old Brahmaputra	SW225	Jamalpur	24-May-18	10.432
Old Brahmaputra	SW225	Jamalpur	25-May-18	10.506
Old Brahmaputra	SW225	Jamalpur	26-May-18	10.61
Old Brahmaputra	SW225	Jamalpur	27-May-18	10.728
Old Brahmaputra	SW225	Jamalpur	28-May-18	10.866
Old Brahmaputra	SW225	Jamalpur	29-May-18	11.03
Old Brahmaputra	SW225	Jamalpur	30-May-18	11.272
Old Brahmaputra	SW225	Jamalpur	31-May-18	11.45
Old Brahmaputra	SW225	Jamalpur	01-Jul-18	12.564
Old Brahmaputra	SW225	Jamalpur	02-Jul-18	12.526
Old Brahmaputra	SW225	Jamalpur	03-Jul-18	12.626
Old Brahmaputra	SW225	Jamalpur	04-Jul-18	13.244
Old Brahmaputra	SW225	Jamalpur	05-Jul-18	13.514
Old Brahmaputra	SW225	Jamalpur	06-Jul-18	13.584
Old Brahmaputra	SW225	Jamalpur	07-Jul-18	13.782
Old Brahmaputra	SW225	Jamalpur	08-Jul-18	14.45
Old Brahmaputra	SW225	Jamalpur	09-Jul-18	14.528
Old Brahmaputra	SW225	Jamalpur	10-Jul-18	14.456
Old Brahmaputra	SW225	Jamalpur	11-Jul-18	14.38
Old Brahmaputra	SW225	Jamalpur	12-Jul-18	14.272
Old Brahmaputra	SW225	Jamalpur	13-Jul-18	14.114
Old Brahmaputra	SW225	Jamalpur	14-Jul-18	13.892
Old Brahmaputra	SW225	Jamalpur	15-Jul-18	13.736
Old Brahmaputra	SW225	Jamalpur	16-Jul-18	13.626
Old Brahmaputra	SW225	Jamalpur	17-Jul-18	13.6

Old Brahmaputra	SW225	Jamalpur	18-Jul-18	13.59
Old Brahmaputra	SW225	Jamalpur	19-Jul-18	13.6
Old Brahmaputra	SW225	Jamalpur	20-Jul-18	13.624
Old Brahmaputra	SW225	Jamalpur	21-Jul-18	13.654
Old Brahmaputra	SW225	Jamalpur	22-Jul-18	13.71
Old Brahmaputra	SW225	Jamalpur	23-Jul-18	13.69
Old Brahmaputra	SW225	Jamalpur	24-Jul-18	13.666
Old Brahmaputra	SW225	Jamalpur	25-Jul-18	13.56
Old Brahmaputra	SW225	Jamalpur	26-Jul-18	13.582
Old Brahmaputra	SW225	Jamalpur	27-Jul-18	13.538
Old Brahmaputra	SW225	Jamalpur	28-Jul-18	13.546
Old Brahmaputra	SW225	Jamalpur	29-Jul-18	13.608
Old Brahmaputra	SW225	Jamalpur	30-Jul-18	13.626
Old Brahmaputra	SW225	Jamalpur	31-Jul-18	13.592
Old Brahmaputra	SW225	Jamalpur	01-Aug-18	13.57
Old Brahmaputra	SW225	Jamalpur	02-Aug-18	13.586
Old Brahmaputra	SW225	Jamalpur	03-Aug-18	13.71
Old Brahmaputra	SW225	Jamalpur	04-Aug-18	14.014
Old Brahmaputra	SW225	Jamalpur	05-Aug-18	14.274
Old Brahmaputra	SW225	Jamalpur	06-Aug-18	14.454
Old Brahmaputra	SW225	Jamalpur	07-Aug-18	14.506
Old Brahmaputra	SW225	Jamalpur	08-Aug-18	14.548
Old Brahmaputra	SW225	Jamalpur	09-Aug-18	14.616
Old Brahmaputra	SW225	Jamalpur	10-Aug-18	14.652
Old Brahmaputra	SW225	Jamalpur	11-Aug-18	14.61
Old Brahmaputra	SW225	Jamalpur	12-Aug-18	14.568
Old Brahmaputra	SW225	Jamalpur	13-Aug-18	14.388
Old Brahmaputra	SW225	Jamalpur	14-Aug-18	14.276
Old Brahmaputra	SW225	Jamalpur	15-Aug-18	14.058
Old Brahmaputra	SW225	Jamalpur	16-Aug-18	13.908
Old Brahmaputra	SW225	Jamalpur	17-Aug-18	13.85
Old Brahmaputra	SW225	Jamalpur	18-Aug-18	13.798
Old Brahmaputra	SW225	Jamalpur	19-Aug-18	13.734
Old Brahmaputra	SW225	Jamalpur	20-Aug-18	13.694
Old Brahmaputra	SW225	Jamalpur	21-Aug-18	13.644
Old Brahmaputra	SW225	Jamalpur	22-Aug-18	13.61
Old Brahmaputra	SW225	Jamalpur	23-Aug-18	13.514
Old Brahmaputra	SW225	Jamalpur	24-Aug-18	13.476
Old Brahmaputra	SW225	Jamalpur	25-Aug-18	13.45
Old Brahmaputra	SW225	Jamalpur	26-Aug-18	13.442
Old Brahmaputra	SW225	Jamalpur	27-Aug-18	13.466
Old Brahmaputra	SW225	Jamalpur	28-Aug-18	13.534
Old Brahmaputra	SW225	Jamalpur	29-Aug-18	13.61
Old Brahmaputra	SW225	Jamalpur	30-Aug-18	13.58
Old Brahmaputra	SW225	Jamalpur	31-Aug-18	13.538
Old Brahmaputra	SW225	Jamalpur	01-Sep-18	13.552
Old Brahmaputra	SW225	Jamalpur	02-Sep-18	13.782
Old Brahmaputra	SW225	Jamalpur	03-Sep-18	13.93
Old Brahmaputra	SW225	Jamalpur	04-Sep-18	14.118
Old Brahmaputra	SW225	Jamalpur	05-Sep-18	14.154

Old Brahmaputra	SW225	Jamalpur	06-Sep-18	14.18
Old Brahmaputra	SW225	Jamalpur	07-Sep-18	14.14
Old Brahmaputra	SW225	Jamalpur	08-Sep-18	14.096
Old Brahmaputra	SW225	Jamalpur	09-Sep-18	14.056
Old Brahmaputra	SW225	Jamalpur	10-Sep-18	13.966
Old Brahmaputra	SW225	Jamalpur	11-Sep-18	13.85
Old Brahmaputra	SW225	Jamalpur	12-Sep-18	13.824
Old Brahmaputra	SW225	Jamalpur	13-Sep-18	14.034
Old Brahmaputra	SW225	Jamalpur	14-Sep-18	14.332
Old Brahmaputra	SW225	Jamalpur	15-Sep-18	14.428
Old Brahmaputra	SW225	Jamalpur	16-Sep-18	14.572
Old Brahmaputra	SW225	Jamalpur	17-Sep-18	14.686
Old Brahmaputra	SW225	Jamalpur	18-Sep-18	14.778
Old Brahmaputra	SW225	Jamalpur	19-Sep-18	14.864
Old Brahmaputra	SW225	Jamalpur	20-Sep-18	14.976
Old Brahmaputra	SW225	Jamalpur	21-Sep-18	14.978
Old Brahmaputra	SW225	Jamalpur	22-Sep-18	14.858
Old Brahmaputra	SW225	Jamalpur	23-Sep-18	14.656
Old Brahmaputra	SW225	Jamalpur	24-Sep-18	14.252
Old Brahmaputra	SW225	Jamalpur	25-Sep-18	13.72
Old Brahmaputra	SW225	Jamalpur	26-Sep-18	13.272
Old Brahmaputra	SW225	Jamalpur	27-Sep-18	13.06
Old Brahmaputra	SW225	Jamalpur	28-Sep-18	13.034
Old Brahmaputra	SW225	Jamalpur	29-Sep-18	13.16
Old Brahmaputra	SW225	Jamalpur	30-Sep-18	13.184
Old Brahmaputra	SW225	Jamalpur	01-Oct-18	13.106
Old Brahmaputra	SW225	Jamalpur	02-Oct-18	12.956
Old Brahmaputra	SW225	Jamalpur	03-Oct-18	12.78
Old Brahmaputra	SW225	Jamalpur	04-Oct-18	12.656
Old Brahmaputra	SW225	Jamalpur	05-Oct-18	12.488
Old Brahmaputra	SW225	Jamalpur	06-Oct-18	12.392
Old Brahmaputra	SW225	Jamalpur	07-Oct-18	12.176
Old Brahmaputra	SW225	Jamalpur	08-Oct-18	12.01
Old Brahmaputra	SW225	Jamalpur	09-Oct-18	11.914
Old Brahmaputra	SW225	Jamalpur	10-Oct-18	11.79
Old Brahmaputra	SW225	Jamalpur	11-Oct-18	11.738
Old Brahmaputra	SW225	Jamalpur	12-Oct-18	11.67
Old Brahmaputra	SW225	Jamalpur	13-Oct-18	11.606
Old Brahmaputra	SW225	Jamalpur	14-Oct-18	11.54
Old Brahmaputra	SW225	Jamalpur	15-Oct-18	11.48
Old Brahmaputra	SW225	Jamalpur	16-Oct-18	11.42
Old Brahmaputra	SW225	Jamalpur	17-Oct-18	11.38
Old Brahmaputra	SW225	Jamalpur	18-Oct-18	11.32
Old Brahmaputra	SW225	Jamalpur	19-Oct-18	11.3
Old Brahmaputra	SW225	Jamalpur	20-Oct-18	11.286
Old Brahmaputra	SW225	Jamalpur	21-Oct-18	11.27
Old Brahmaputra	SW225	Jamalpur	22-Oct-18	11.24
Old Brahmaputra	SW225	Jamalpur	23-Oct-18	11.186
Old Brahmaputra	SW225	Jamalpur	24-Oct-18	11.144
Old Brahmaputra	SW225	Jamalpur	25-Oct-18	11.104

Old Brahmaputra	SW225	Jamalpur	26-Oct-18	11.074
Old Brahmaputra	SW225	Jamalpur	27-Oct-18	11.046
Old Brahmaputra	SW225	Jamalpur	28-Oct-18	11.02
Old Brahmaputra	SW225	Jamalpur	29-Oct-18	11.02
Old Brahmaputra	SW225	Jamalpur	30-Oct-18	11.01
Old Brahmaputra	SW225	Jamalpur	31-Oct-18	11
Old Brahmaputra	SW225	Jamalpur	01-Nov-18	10.99
Old Brahmaputra	SW225	Jamalpur	02-Nov-18	10.98
Old Brahmaputra	SW225	Jamalpur	03-Nov-18	10.97
Old Brahmaputra	SW225	Jamalpur	04-Nov-18	10.94
Old Brahmaputra	SW225	Jamalpur	05-Nov-18	10.94
Old Brahmaputra	SW225	Jamalpur	06-Nov-18	10.92
Old Brahmaputra	SW225	Jamalpur	07-Nov-18	10.91
Old Brahmaputra	SW225	Jamalpur	08-Nov-18	10.9
Old Brahmaputra	SW225	Jamalpur	09-Nov-18	10.9
Old Brahmaputra	SW225	Jamalpur	10-Nov-18	10.9
Old Brahmaputra	SW225	Jamalpur	11-Nov-18	10.89
Old Brahmaputra	SW225	Jamalpur	12-Nov-18	10.89
Old Brahmaputra	SW225	Jamalpur	13-Nov-18	10.85
Old Brahmaputra	SW225	Jamalpur	14-Nov-18	10.83
Old Brahmaputra	SW225	Jamalpur	15-Nov-18	10.82
Old Brahmaputra	SW225	Jamalpur	16-Nov-18	10.81
Old Brahmaputra	SW225	Jamalpur	17-Nov-18	10.79
Old Brahmaputra	SW225	Jamalpur	18-Nov-18	10.78
Old Brahmaputra	SW225	Jamalpur	19-Nov-18	10.77
Old Brahmaputra	SW225	Jamalpur	20-Nov-18	10.76
Old Brahmaputra	SW225	Jamalpur	21-Nov-18	10.76
Old Brahmaputra	SW225	Jamalpur	22-Nov-18	10.76
Old Brahmaputra	SW225	Jamalpur	23-Nov-18	10.75
Old Brahmaputra	SW225	Jamalpur	24-Nov-18	10.75
Old Brahmaputra	SW225	Jamalpur	25-Nov-18	10.75
Old Brahmaputra	SW225	Jamalpur	26-Nov-18	10.75
Old Brahmaputra	SW225	Jamalpur	27-Nov-18	10.74
Old Brahmaputra	SW225	Jamalpur	28-Nov-18	10.72
Old Brahmaputra	SW225	Jamalpur	29-Nov-18	10.7
Old Brahmaputra	SW225	Jamalpur	30-Nov-18	10.7
Old Brahmaputra	SW225	Jamalpur	01-Dec-18	10.69
Old Brahmaputra	SW225	Jamalpur	02-Dec-18	10.69
Old Brahmaputra	SW225	Jamalpur	03-Dec-18	10.68
Old Brahmaputra	SW225	Jamalpur	04-Dec-18	10.68
Old Brahmaputra	SW225	Jamalpur	05-Dec-18	10.68
Old Brahmaputra	SW225	Jamalpur	06-Dec-18	10.67
Old Brahmaputra	SW225	Jamalpur	07-Dec-18	10.66
Old Brahmaputra	SW225	Jamalpur	08-Dec-18	10.66
Old Brahmaputra	SW225	Jamalpur	09-Dec-18	10.66
Old Brahmaputra	SW225	Jamalpur	10-Dec-18	10.66
Old Brahmaputra	SW225	Jamalpur	11-Dec-18	10.65
Old Brahmaputra	SW225	Jamalpur	12-Dec-18	10.65
Old Brahmaputra	SW225	Jamalpur	13-Dec-18	10.64
Old Brahmaputra	SW225	Jamalpur	14-Dec-18	10.63

Old Brahmaputra	SW225	Jamalpur	15-Dec-18	10.62
Old Brahmaputra	SW225	Jamalpur	16-Dec-18	10.62
Old Brahmaputra	SW225	Jamalpur	17-Dec-18	10.61
Old Brahmaputra	SW225	Jamalpur	18-Dec-18	10.6
Old Brahmaputra	SW225	Jamalpur	19-Dec-18	10.6
Old Brahmaputra	SW225	Jamalpur	20-Dec-18	10.6
Old Brahmaputra	SW225	Jamalpur	21-Dec-18	10.59
Old Brahmaputra	SW225	Jamalpur	22-Dec-18	10.59
Old Brahmaputra	SW225	Jamalpur	23-Dec-18	10.59
Old Brahmaputra	SW225	Jamalpur	24-Dec-18	10.58
Old Brahmaputra	SW225	Jamalpur	25-Dec-18	10.58
Old Brahmaputra	SW225	Jamalpur	26-Dec-18	10.58
Old Brahmaputra	SW225	Jamalpur	27-Dec-18	10.58
Old Brahmaputra	SW225	Jamalpur	28-Dec-18	10.57
Old Brahmaputra	SW225	Jamalpur	29-Dec-18	10.57
Old Brahmaputra	SW225	Jamalpur	30-Dec-18	10.57
Old Brahmaputra	SW225	Jamalpur	31-Dec-18	10.57
Old Brahmaputra	SW225	Jamalpur	01-Jan-19	10.56
Old Brahmaputra	SW225	Jamalpur	02-Jan-19	10.556
Old Brahmaputra	SW225	Jamalpur	03-Jan-19	10.55
Old Brahmaputra	SW225	Jamalpur	04-Jan-19	10.548
Old Brahmaputra	SW225	Jamalpur	05-Jan-19	10.54
Old Brahmaputra	SW225	Jamalpur	06-Jan-19	10.54
Old Brahmaputra	SW225	Jamalpur	07-Jan-19	10.53
Old Brahmaputra	SW225	Jamalpur	08-Jan-19	10.524
Old Brahmaputra	SW225	Jamalpur	09-Jan-19	10.514
Old Brahmaputra	SW225	Jamalpur	10-Jan-19	10.504
Old Brahmaputra	SW225	Jamalpur	11-Jan-19	10.5
Old Brahmaputra	SW225	Jamalpur	12-Jan-19	10.496
Old Brahmaputra	SW225	Jamalpur	13-Jan-19	10.49
Old Brahmaputra	SW225	Jamalpur	14-Jan-19	10.49
Old Brahmaputra	SW225	Jamalpur	15-Jan-19	10.486
Old Brahmaputra	SW225	Jamalpur	16-Jan-19	10.48
Old Brahmaputra	SW225	Jamalpur	17-Jan-19	10.48
Old Brahmaputra	SW225	Jamalpur	18-Jan-19	10.474
Old Brahmaputra	SW225	Jamalpur	19-Jan-19	10.47
Old Brahmaputra	SW225	Jamalpur	20-Jan-19	10.464
Old Brahmaputra	SW225	Jamalpur	21-Jan-19	10.46
Old Brahmaputra	SW225	Jamalpur	22-Jan-19	10.46
Old Brahmaputra	SW225	Jamalpur	23-Jan-19	10.456
Old Brahmaputra	SW225	Jamalpur	24-Jan-19	10.444
Old Brahmaputra	SW225	Jamalpur	25-Jan-19	10.436
Old Brahmaputra	SW225	Jamalpur	26-Jan-19	10.424
Old Brahmaputra	SW225	Jamalpur	27-Jan-19	10.414
Old Brahmaputra	SW225	Jamalpur	28-Jan-19	10.41
Old Brahmaputra	SW225	Jamalpur	29-Jan-19	10.404
Old Brahmaputra	SW225	Jamalpur	30-Jan-19	10.39
Old Brahmaputra	SW225	Jamalpur	31-Jan-19	10.374
Old Brahmaputra	SW225	Jamalpur	01-Feb-19	10.346
Old Brahmaputra	SW225	Jamalpur	02-Feb-19	10.33

Old Brahmaputra	SW225	Jamalpur	03-Feb-19	10.32
Old Brahmaputra	SW225	Jamalpur	04-Feb-19	10.31
Old Brahmaputra	SW225	Jamalpur	05-Feb-19	10.3
Old Brahmaputra	SW225	Jamalpur	06-Feb-19	10.28
Old Brahmaputra	SW225	Jamalpur	07-Feb-19	10.27
Old Brahmaputra	SW225	Jamalpur	08-Feb-19	10.26
Old Brahmaputra	SW225	Jamalpur	09-Feb-19	10.22
Old Brahmaputra	SW225	Jamalpur	10-Feb-19	10.21
Old Brahmaputra	SW225	Jamalpur	11-Feb-19	10.2
Old Brahmaputra	SW225	Jamalpur	12-Feb-19	10.2
Old Brahmaputra	SW225	Jamalpur	13-Feb-19	10.18
Old Brahmaputra	SW225	Jamalpur	14-Feb-19	10.18
Old Brahmaputra	SW225	Jamalpur	15-Feb-19	10.17
Old Brahmaputra	SW225	Jamalpur	16-Feb-19	10.14
Old Brahmaputra	SW225	Jamalpur	17-Feb-19	10.14
Old Brahmaputra	SW225	Jamalpur	18-Feb-19	10.13
Old Brahmaputra	SW225	Jamalpur	19-Feb-19	10.11
Old Brahmaputra	SW225	Jamalpur	20-Feb-19	10.1
Old Brahmaputra	SW225	Jamalpur	21-Feb-19	10.1
Old Brahmaputra	SW225	Jamalpur	22-Feb-19	10.1
Old Brahmaputra	SW225	Jamalpur	23-Feb-19	10.09
Old Brahmaputra	SW225	Jamalpur	24-Feb-19	10.09
Old Brahmaputra	SW225	Jamalpur	25-Feb-19	10.09
Old Brahmaputra	SW225	Jamalpur	26-Feb-19	10.08
Old Brahmaputra	SW225	Jamalpur	27-Feb-19	10.08
Old Brahmaputra	SW225	Jamalpur	28-Feb-19	10.092
Old Brahmaputra	SW225	Jamalpur	01-Mar-19	10.11
Old Brahmaputra	SW225	Jamalpur	02-Mar-19	10.11
Old Brahmaputra	SW225	Jamalpur	03-Mar-19	10.11
Old Brahmaputra	SW225	Jamalpur	04-Mar-19	10.11
Old Brahmaputra	SW225	Jamalpur	05-Mar-19	10.12
Old Brahmaputra	SW225	Jamalpur	06-Mar-19	10.18
Old Brahmaputra	SW225	Jamalpur	07-Mar-19	10.18
Old Brahmaputra	SW225	Jamalpur	08-Mar-19	10.19
Old Brahmaputra	SW225	Jamalpur	09-Mar-19	10.18
Old Brahmaputra	SW225	Jamalpur	10-Mar-19	10.18
Old Brahmaputra	SW225	Jamalpur	11-Mar-19	10.17
Old Brahmaputra	SW225	Jamalpur	12-Mar-19	10.17
Old Brahmaputra	SW225	Jamalpur	13-Mar-19	10.15
Old Brahmaputra	SW225	Jamalpur	14-Mar-19	10.14
Old Brahmaputra	SW225	Jamalpur	15-Mar-19	10.12
Old Brahmaputra	SW225	Jamalpur	16-Mar-19	10.12
Old Brahmaputra	SW225	Jamalpur	17-Mar-19	10.1
Old Brahmaputra	SW225	Jamalpur	18-Mar-19	10.1
Old Brahmaputra	SW225	Jamalpur	19-Mar-19	10.07
Old Brahmaputra	SW225	Jamalpur	20-Mar-19	10.06
Old Brahmaputra	SW225	Jamalpur	21-Mar-19	10.06
Old Brahmaputra	SW225	Jamalpur	22-Mar-19	10.06
Old Brahmaputra	SW225	Jamalpur	23-Mar-19	10.05
Old Brahmaputra	SW225	Jamalpur	24-Mar-19	10.05

Old Brahmaputra	SW225	Jamalpur	25-Mar-19	10.04
Old Brahmaputra	SW225	Jamalpur	26-Mar-19	10.03
Old Brahmaputra	SW225	Jamalpur	27-Mar-19	10.02
Old Brahmaputra	SW225	Jamalpur	28-Mar-19	10.02
Old Brahmaputra	SW225	Jamalpur	29-Mar-19	10.01
Old Brahmaputra	SW225	Jamalpur	30-Mar-19	10.01
Old Brahmaputra	SW225	Jamalpur	31-Mar-19	10.006
Old Brahmaputra	SW225	Jamalpur	01-Apr-19	10.202
Old Brahmaputra	SW225	Jamalpur	02-Apr-19	10.092
Old Brahmaputra	SW225	Jamalpur	03-Apr-19	10.1
Old Brahmaputra	SW225	Jamalpur	04-Apr-19	10.1
Old Brahmaputra	SW225	Jamalpur	05-Apr-19	10.124
Old Brahmaputra	SW225	Jamalpur	06-Apr-19	10.292
Old Brahmaputra	SW225	Jamalpur	07-Apr-19	10.25
Old Brahmaputra	SW225	Jamalpur	08-Apr-19	10.208
Old Brahmaputra	SW225	Jamalpur	09-Apr-19	10.202
Old Brahmaputra	SW225	Jamalpur	10-Apr-19	10.23
Old Brahmaputra	SW225	Jamalpur	11-Apr-19	10.234
Old Brahmaputra	SW225	Jamalpur	12-Apr-19	10.432
Old Brahmaputra	SW225	Jamalpur	13-Apr-19	10.424
Old Brahmaputra	SW225	Jamalpur	14-Apr-19	10.376
Old Brahmaputra	SW225	Jamalpur	15-Apr-19	10.344
Old Brahmaputra	SW225	Jamalpur	16-Apr-19	10.33
Old Brahmaputra	SW225	Jamalpur	17-Apr-19	10.336
Old Brahmaputra	SW225	Jamalpur	18-Apr-19	10.33
Old Brahmaputra	SW225	Jamalpur	19-Apr-19	10.324
Old Brahmaputra	SW225	Jamalpur	20-Apr-19	10.314
Old Brahmaputra	SW225	Jamalpur	21-Apr-19	10.36
Old Brahmaputra	SW225	Jamalpur	22-Apr-19	10.376
Old Brahmaputra	SW225	Jamalpur	23-Apr-19	10.358
Old Brahmaputra	SW225	Jamalpur	24-Apr-19	10.31
Old Brahmaputra	SW225	Jamalpur	25-Apr-19	10.29
Old Brahmaputra	SW225	Jamalpur	26-Apr-19	10.26
Old Brahmaputra	SW225	Jamalpur	27-Apr-19	10.284
Old Brahmaputra	SW225	Jamalpur	28-Apr-19	10.322
Old Brahmaputra	SW225	Jamalpur	29-Apr-19	10.35
Old Brahmaputra	SW225	Jamalpur	30-Apr-19	10.37
Old Brahmaputra	SW225	Jamalpur	01-May-19	10.41
Old Brahmaputra	SW225	Jamalpur	02-May-19	10.43
Old Brahmaputra	SW225	Jamalpur	03-May-19	10.474
Old Brahmaputra	SW225	Jamalpur	04-May-19	10.586
Old Brahmaputra	SW225	Jamalpur	05-May-19	10.688
Old Brahmaputra	SW225	Jamalpur	06-May-19	10.7
Old Brahmaputra	SW225	Jamalpur	07-May-19	10.784
Old Brahmaputra	SW225	Jamalpur	08-May-19	10.946
Old Brahmaputra	SW225	Jamalpur	09-May-19	11.014
Old Brahmaputra	SW225	Jamalpur	10-May-19	10.998
Old Brahmaputra	SW225	Jamalpur	11-May-19	10.926
Old Brahmaputra	SW225	Jamalpur	12-May-19	10.89
Old Brahmaputra	SW225	Jamalpur	13-May-19	10.852

Old Brahmaputra	SW225	Jamalpur	14-May-19	10.87
Old Brahmaputra	SW225	Jamalpur	15-May-19	10.93
Old Brahmaputra	SW225	Jamalpur	16-May-19	11.094
Old Brahmaputra	SW225	Jamalpur	17-May-19	11.272
Old Brahmaputra	SW225	Jamalpur	18-May-19	11.412
Old Brahmaputra	SW225	Jamalpur	19-May-19	11.474
Old Brahmaputra	SW225	Jamalpur	20-May-19	11.822
Old Brahmaputra	SW225	Jamalpur	21-May-19	11.916
Old Brahmaputra	SW225	Jamalpur	22-May-19	11.872
Old Brahmaputra	SW225	Jamalpur	23-May-19	11.836
Old Brahmaputra	SW225	Jamalpur	24-May-19	11.816
Old Brahmaputra	SW225	Jamalpur	25-May-19	11.734
Old Brahmaputra	SW225	Jamalpur	26-May-19	11.71
Old Brahmaputra	SW225	Jamalpur	27-May-19	11.67
Old Brahmaputra	SW225	Jamalpur	28-May-19	11.778
Old Brahmaputra	SW225	Jamalpur	29-May-19	11.79
Old Brahmaputra	SW225	Jamalpur	30-May-19	11.8
Old Brahmaputra	SW225	Jamalpur	31-May-19	11.81
Old Brahmaputra	SW225	Jamalpur	01-Jun-19	11.834
Old Brahmaputra	SW225	Jamalpur	02-Jun-19	11.848
Old Brahmaputra	SW225	Jamalpur	03-Jun-19	11.996
Old Brahmaputra	SW225	Jamalpur	04-Jun-19	12.17
Old Brahmaputra	SW225	Jamalpur	05-Jun-19	12.17
Old Brahmaputra	SW225	Jamalpur	06-Jun-19	12.18
Old Brahmaputra	SW225	Jamalpur	07-Jun-19	12.054
Old Brahmaputra	SW225	Jamalpur	08-Jun-19	11.964
Old Brahmaputra	SW225	Jamalpur	09-Jun-19	11.908
Old Brahmaputra	SW225	Jamalpur	10-Jun-19	11.584
Old Brahmaputra	SW225	Jamalpur	11-Jun-19	11.54
Old Brahmaputra	SW225	Jamalpur	12-Jun-19	11.392
Old Brahmaputra	SW225	Jamalpur	13-Jun-19	11.356
Old Brahmaputra	SW225	Jamalpur	14-Jun-19	11.35
Old Brahmaputra	SW225	Jamalpur	15-Jun-19	11.36
Old Brahmaputra	SW225	Jamalpur	16-Jun-19	11.384
Old Brahmaputra	SW225	Jamalpur	17-Jun-19	11.47
Old Brahmaputra	SW225	Jamalpur	18-Jun-19	11.49
Old Brahmaputra	SW225	Jamalpur	19-Jun-19	11.552
Old Brahmaputra	SW225	Jamalpur	20-Jun-19	11.778
Old Brahmaputra	SW225	Jamalpur	21-Jun-19	12.148
Old Brahmaputra	SW225	Jamalpur	22-Jun-19	12.202
Old Brahmaputra	SW225	Jamalpur	23-Jun-19	12.206
Old Brahmaputra	SW225	Jamalpur	24-Jun-19	12.21
Old Brahmaputra	SW225	Jamalpur	25-Jun-19	12.224
Old Brahmaputra	SW225	Jamalpur	26-Jun-19	12.25
Old Brahmaputra	SW225	Jamalpur	27-Jun-19	12.25
Old Brahmaputra	SW225	Jamalpur	28-Jun-19	12.26
Old Brahmaputra	SW225	Jamalpur	29-Jun-19	12.402
Old Brahmaputra	SW225	Jamalpur	30-Jun-19	13.12

15.39. Annexure 39 – River Morphology Data

RIVER_NAME	STATION_ID	Date	SLNO	DISTANCE	RL	NOTE
Old Brahmaputra	RMOB9	13-Dec-66	1	0.00	16.26	Top of P/5 at LB
Old Brahmaputra	RMOB9	13-Dec-66	2	1.83	16.05	Top of P/4 at LB
Old Brahmaputra	RMOB9	13-Dec-66	3	66.16	15.61	
Old Brahmaputra	RMOB9	13-Dec-66	4	96.65	15.66	
Old Brahmaputra	RMOB9	13-Dec-66	5	142.99	15.87	
Old Brahmaputra	RMOB9	13-Dec-66	6	218.60	15.83	
Old Brahmaputra	RMOB9	13-Dec-66	7	279.57	15.81	
Old Brahmaputra	RMOB9	13-Dec-66	8	340.55	15.06	
Old Brahmaputra	RMOB9	13-Dec-66	9	432.01	15.10	
Old Brahmaputra	RMOB9	13-Dec-66	10	496.65	15.25	
Old Brahmaputra	RMOB9	13-Dec-66	11	584.45	15.46	
Old Brahmaputra	RMOB9	13-Dec-66	12	614.94	15.38	
Old Brahmaputra	RMOB9	13-Dec-66	13	645.43	15.20	
Old Brahmaputra	RMOB9	13-Dec-66	14	706.40	15.15	
Old Brahmaputra	RMOB9	13-Dec-66	15	767.38	15.05	
Old Brahmaputra	RMOB9	13-Dec-66	16	828.35	15.21	
Old Brahmaputra	RMOB9	13-Dec-66	17	866.77	17.15	U/C road
Old Brahmaputra	RMOB9	13-Dec-66	18	919.82	15.23	
Old Brahmaputra	RMOB9	13-Dec-66	19	980.79	15.28	
Old Brahmaputra	RMOB9	13-Dec-66	20	1041.77	15.72	
Old Brahmaputra	RMOB9	13-Dec-66	21	1057.01	17.04	
Old Brahmaputra	RMOB9	13-Dec-66	22	1072.26	15.86	
Old Brahmaputra	RMOB9	13-Dec-66	23	1102.74	16.19	
Old Brahmaputra	RMOB9	13-Dec-66	24	1115.85	16.10	
Old Brahmaputra	RMOB9	13-Dec-66	25	1224.70	15.15	
Old Brahmaputra	RMOB9	13-Dec-66	26	1285.67	15.28	
Old Brahmaputra	RMOB9	13-Dec-66	27	1346.65	15.72	
Old Brahmaputra	RMOB9	13-Dec-66	28	1392.07	15.93	
Old Brahmaputra	RMOB9	13-Dec-66	29	1408.54	14.93	
Old Brahmaputra	RMOB9	13-Dec-66	30	1541.16	14.27	LWE
Old Brahmaputra	RMOB9	13-Dec-66	31	1656.40	13.35	
Old Brahmaputra	RMOB9	13-Dec-66	32	1700.91	12.44	
Old Brahmaputra	RMOB9	13-Dec-66	33	1720.43	11.83	
Old Brahmaputra	RMOB9	13-Dec-66	34	1762.80	12.13	
Old Brahmaputra	RMOB9	13-Dec-66	35	1771.34	11.83	
Old Brahmaputra	RMOB9	13-Dec-66	36	1778.96	12.13	
Old Brahmaputra	RMOB9	13-Dec-66	37	1790.85	12.44	
Old Brahmaputra	RMOB9	13-Dec-66	38	1809.76	12.74	
Old Brahmaputra	RMOB9	13-Dec-66	39	1820.12	12.44	
Old Brahmaputra	RMOB9	13-Dec-66	40	1831.71	12.44	
Old Brahmaputra	RMOB9	13-Dec-66	41	1838.72	12.59	
Old Brahmaputra	RMOB9	13-Dec-66	42	1857.62	13.05	
Old Brahmaputra	RMOB9	13-Dec-66	43	1871.04	13.66	
Old Brahmaputra	RMOB9	13-Dec-66	44	1881.71	14.27	RWE
Old Brahmaputra	RMOB9	13-Dec-66	45	1927.44	15.80	
Old Brahmaputra	RMOB9	13-Dec-66	46	1986.89	14.96	
Old Brahmaputra	RMOB9	13-Dec-66	47	2017.38	15.16	
Old Brahmaputra	RMOB9	13-Dec-66	48	2032.62	16.12	
Old Brahmaputra	RMOB9	13-Dec-66	49	2032.62	16.07	

Old Brahmaputra	RMOB9	13-Dec-66	50	2047.87	16.06	GL of Temp peg P/1 at RB
Old Brahmaputra	RMOB9	13-Dec-66	51	2047.87	16.09	Top of Temp peg P/1 at RB
Old Brahmaputra	RMOB9	13-Dec-66	52	2063.11	15.58	
Old Brahmaputra	RMOB9	13-Dec-66	53	2078.35	16.01	
Old Brahmaputra	RMOB9	13-Dec-66	54	2108.84	16.06	
Old Brahmaputra	RMOB9	13-Dec-66	55	2139.33	15.71	
Old Brahmaputra	RMOB9	13-Dec-66	56	2141.16	16.09	
Old Brahmaputra	RMOB9	13-Dec-66	57	2164.33	14.30	LWE
Old Brahmaputra	RMOB9	13-Dec-66	58	2214.33	12.77	
Old Brahmaputra	RMOB9	13-Dec-66	59	2231.40	11.86	
Old Brahmaputra	RMOB9	13-Dec-66	60	2254.57	12.16	
Old Brahmaputra	RMOB9	13-Dec-66	61	2274.39	11.25	
Old Brahmaputra	RMOB9	13-Dec-66	62	2296.04	11.86	
Old Brahmaputra	RMOB9	13-Dec-66	63	2316.77	11.55	
Old Brahmaputra	RMOB9	13-Dec-66	64	2331.40	11.86	
Old Brahmaputra	RMOB9	13-Dec-66	65	2356.71	11.25	
Old Brahmaputra	RMOB9	13-Dec-66	66	2365.24	10.95	
Old Brahmaputra	RMOB9	13-Dec-66	67	2382.62	10.95	
Old Brahmaputra	RMOB9	13-Dec-66	68	2404.57	14.30	RWE
Old Brahmaputra	RMOB9	13-Dec-66	69	2412.20	16.23	
Old Brahmaputra	RMOB9	13-Dec-66	70	2444.21	16.05	
Old Brahmaputra	RMOB9	13-Dec-66	71	2505.18	15.66	
Old Brahmaputra	RMOB9	13-Dec-66	72	2535.67	15.81	
Old Brahmaputra	RMOB9	13-Dec-66	73	2559.76	15.66	
Old Brahmaputra	RMOB9	13-Dec-66	74	2596.65	15.76	
Old Brahmaputra	RMOB9	13-Dec-66	75	2627.13	15.83	
Old Brahmaputra	RMOB9	13-Dec-66	76	2657.62	16.12	
Old Brahmaputra	RMOB9	13-Dec-66	77	2688.11	17.53	
Old Brahmaputra	RMOB9	13-Dec-66	78	2711.59	17.83	Top of P/3 at RB
Old Brahmaputra	RMOB9	13-Dec-66	79	2749.09	18.37	DB road
Old Brahmaputra	RMOB9	13-Dec-66	80	2764.33	17.35	
Old Brahmaputra	RMOB9	13-Dec-66	81	2780.49	17.42	Top of P/2 at RB
Old Brahmaputra	RMOB9	13-Dec-66	82	2810.06	17.34	
Old Brahmaputra	RMOB9	13-Dec-66	83	2810.06	17.78	Top of P/1 at RB
Old Brahmaputra	RMOB9	04-Apr-73	1	0.00	16.26	Top of P/3 at LB
Old Brahmaputra	RMOB9	04-Apr-73	2	87.20	16.32	
Old Brahmaputra	RMOB9	04-Apr-73	3	148.48	16.52	
Old Brahmaputra	RMOB9	04-Apr-73	4	209.45	16.49	
Old Brahmaputra	RMOB9	04-Apr-73	5	270.43	16.44	
Old Brahmaputra	RMOB9	04-Apr-73	6	331.40	16.49	
Old Brahmaputra	RMOB9	04-Apr-73	7	392.38	16.38	
Old Brahmaputra	RMOB9	04-Apr-73	8	453.35	16.50	
Old Brahmaputra	RMOB9	04-Apr-73	9	514.33	16.41	
Old Brahmaputra	RMOB9	04-Apr-73	10	563.11	16.44	
Old Brahmaputra	RMOB9	04-Apr-73	11	636.28	16.39	
Old Brahmaputra	RMOB9	04-Apr-73	12	697.26	16.27	
Old Brahmaputra	RMOB9	04-Apr-73	13	758.23	16.16	
Old Brahmaputra	RMOB9	04-Apr-73	14	819.21	15.90	

Old Brahmaputra	RMOB9	04-Apr-73	15	880.18	18.01	
Old Brahmaputra	RMOB9	04-Apr-73	16	950.91	17.81	
Old Brahmaputra	RMOB9	04-Apr-73	17	1011.89	16.90	
Old Brahmaputra	RMOB9	04-Apr-73	18	1072.87	15.80	
Old Brahmaputra	RMOB9	04-Apr-73	19	1133.84	15.94	
Old Brahmaputra	RMOB9	04-Apr-73	20	1136.89	16.03	
Old Brahmaputra	RMOB9	04-Apr-73	21	1142.99	16.09	
Old Brahmaputra	RMOB9	04-Apr-73	22	1155.18	16.27	
Old Brahmaputra	RMOB9	04-Apr-73	23	1216.16	16.10	
Old Brahmaputra	RMOB9	04-Apr-73	24	1277.13	15.73	
Old Brahmaputra	RMOB9	04-Apr-73	25	1338.11	15.99	
Old Brahmaputra	RMOB9	04-Apr-73	26	1399.09	16.19	
Old Brahmaputra	RMOB9	04-Apr-73	27	1460.06	13.93	
Old Brahmaputra	RMOB9	04-Apr-73	28	1521.04	13.61	
Old Brahmaputra	RMOB9	04-Apr-73	29	1582.01	14.09	
Old Brahmaputra	RMOB9	04-Apr-73	30	1642.99	14.25	
Old Brahmaputra	RMOB9	04-Apr-73	31	1647.56	11.69	LWE
Old Brahmaputra	RMOB9	04-Apr-73	32	1652.74	11.50	
Old Brahmaputra	RMOB9	04-Apr-73	33	1662.20	10.89	
Old Brahmaputra	RMOB9	04-Apr-73	34	1672.87	11.05	
Old Brahmaputra	RMOB9	04-Apr-73	35	1685.98	11.81	RWE Ch-2 dt. 4-4-73 Time: 1040 hrs.
Old Brahmaputra	RMOB9	04-Apr-73	36	1695.73	12.80	
Old Brahmaputra	RMOB9	04-Apr-73	37	1756.71	15.74	
Old Brahmaputra	RMOB9	04-Apr-73	38	1826.83	15.09	
Old Brahmaputra	RMOB9	04-Apr-73	39	1887.80	13.90	
Old Brahmaputra	RMOB9	04-Apr-73	40	1948.78	14.40	
Old Brahmaputra	RMOB9	04-Apr-73	41	2009.76	14.96	
Old Brahmaputra	RMOB9	04-Apr-73	42	2070.73	15.90	
Old Brahmaputra	RMOB9	04-Apr-73	43	2131.71	16.03	
Old Brahmaputra	RMOB9	04-Apr-73	44	2192.68	16.08	
Old Brahmaputra	RMOB9	04-Apr-73	45	2253.66	16.13	
Old Brahmaputra	RMOB9	04-Apr-73	46	2314.63	16.20	
Old Brahmaputra	RMOB9	04-Apr-73	47	2345.12	10.53	LWE
Old Brahmaputra	RMOB9	04-Apr-73	48	2370.73	10.53	
Old Brahmaputra	RMOB9	04-Apr-73	49	2387.50	10.84	
Old Brahmaputra	RMOB9	04-Apr-73	50	2400.61	10.99	
Old Brahmaputra	RMOB9	04-Apr-73	51	2413.11	11.14	
Old Brahmaputra	RMOB9	04-Apr-73	52	2424.70	11.30	
Old Brahmaputra	RMOB9	04-Apr-73	53	2436.89	11.37	
Old Brahmaputra	RMOB9	04-Apr-73	54	2446.34	11.30	
Old Brahmaputra	RMOB9	04-Apr-73	55	2456.10	11.14	
Old Brahmaputra	RMOB9	04-Apr-73	56	2464.02	11.45	RWE (Main) Ch-1 dt. 4-4-73 Time: 1015 hrs.
Old Brahmaputra	RMOB9	04-Apr-73	57	2467.07	11.83	
Old Brahmaputra	RMOB9	04-Apr-73	58	2496.95	12.08	
Old Brahmaputra	RMOB9	04-Apr-73	59	2557.93	12.53	
Old Brahmaputra	RMOB9	04-Apr-73	60	2618.90	12.80	
Old Brahmaputra	RMOB9	04-Apr-73	61	2637.20	15.86	

Old Brahmaputra	RMOB9	04-Apr-73	62	2662.20	15.48	
Old Brahmaputra	RMOB9	04-Apr-73	63	2692.68	15.13	
Old Brahmaputra	RMOB9	04-Apr-73	64	2714.02	17.79	Top of P/2 at RB
Old Brahmaputra	RMOB9	04-Apr-73	65	2714.02	17.55	GL of P/2 at RB
Old Brahmaputra	RMOB9	04-Apr-73	66	2716.46	17.52	
Old Brahmaputra	RMOB9	04-Apr-73	67	2725.61	18.32	
Old Brahmaputra	RMOB9	04-Apr-73	68	2734.76	18.33	
Old Brahmaputra	RMOB9	04-Apr-73	69	2751.52	17.42	
Old Brahmaputra	RMOB9	04-Apr-73	70	2782.01	17.44	
Old Brahmaputra	RMOB9	04-Apr-73	71	2812.50	17.67	GL of P/1 at RB
Old Brahmaputra	RMOB9	04-Apr-73	72	2812.50	17.78	Top of P/1 at RB
Old Brahmaputra	RMOB9	28-Nov-76	1	0.00	16.25	Top of P/3 at LB
Old Brahmaputra	RMOB9	28-Nov-76	2	0.00	16.09	GL of P/3 at LB
Old Brahmaputra	RMOB9	28-Nov-76	3	4.57	17.25	
Old Brahmaputra	RMOB9	28-Nov-76	4	71.65	17.53	
Old Brahmaputra	RMOB9	28-Nov-76	5	132.62	15.25	
Old Brahmaputra	RMOB9	28-Nov-76	6	199.70	15.05	
Old Brahmaputra	RMOB9	28-Nov-76	7	260.67	15.19	
Old Brahmaputra	RMOB9	28-Nov-76	8	321.65	14.69	
Old Brahmaputra	RMOB9	28-Nov-76	9	382.62	14.98	
Old Brahmaputra	RMOB9	28-Nov-76	10	443.60	15.05	
Old Brahmaputra	RMOB9	28-Nov-76	11	504.57	15.24	
Old Brahmaputra	RMOB9	28-Nov-76	12	565.55	15.73	90°_
Old Brahmaputra	RMOB9	28-Nov-76	13	643.29	15.79	
Old Brahmaputra	RMOB9	28-Nov-76	14	704.27	15.69	
Old Brahmaputra	RMOB9	28-Nov-76	15	765.24	15.75	
Old Brahmaputra	RMOB9	28-Nov-76	16	826.22	15.61	
Old Brahmaputra	RMOB9	28-Nov-76	17	887.20	15.34	
Old Brahmaputra	RMOB9	28-Nov-76	18	948.17	13.60	
Old Brahmaputra	RMOB9	28-Nov-76	19	978.66	13.47	
Old Brahmaputra	RMOB9	28-Nov-76	20	1009.15	15.30	
Old Brahmaputra	RMOB9	28-Nov-76	21	1070.12	17.52	TC road
Old Brahmaputra	RMOB9	28-Nov-76	22	1141.46	16.67	
Old Brahmaputra	RMOB9	28-Nov-76	23	1202.44	16.32	
Old Brahmaputra	RMOB9	28-Nov-76	24	1263.41	16.18	
Old Brahmaputra	RMOB9	28-Nov-76	25	1293.90	16.17	
Old Brahmaputra	RMOB9	28-Nov-76	26	1354.88	16.14	
Old Brahmaputra	RMOB9	28-Nov-76	27	1415.85	16.22	
Old Brahmaputra	RMOB9	28-Nov-76	28	1479.88	15.52	
Old Brahmaputra	RMOB9	28-Nov-76	29	1489.33	11.98	LWE
Old Brahmaputra	RMOB9	28-Nov-76	30	1519.82	11.68	
Old Brahmaputra	RMOB9	28-Nov-76	31	1549.70	11.68	
Old Brahmaputra	RMOB9	28-Nov-76	32	1573.48	11.37	
Old Brahmaputra	RMOB9	28-Nov-76	33	1608.84	11.37	
Old Brahmaputra	RMOB9	28-Nov-76	34	1624.39	11.37	
Old Brahmaputra	RMOB9	28-Nov-76	35	1636.28	11.37	
Old Brahmaputra	RMOB9	28-Nov-76	36	1649.39	11.07	
Old Brahmaputra	RMOB9	28-Nov-76	37	1660.06	11.07	
Old Brahmaputra	RMOB9	28-Nov-76	38	1679.57	11.37	
Old Brahmaputra	RMOB9	28-Nov-76	39	1688.72	11.37	

Old Brahmaputra	RMOB9	28-Nov-76	40	1715.24	11.98	RWE dt. 28-11-76
Old Brahmaputra	RMOB9	28-Nov-76	41	1720.73	15.27	
Old Brahmaputra	RMOB9	28-Nov-76	42	1771.34	14.81	
Old Brahmaputra	RMOB9	28-Nov-76	43	1832.32	14.34	
Old Brahmaputra	RMOB9	28-Nov-76	44	1893.29	12.98	
Old Brahmaputra	RMOB9	28-Nov-76	45	1923.78	14.83	RB
Old Brahmaputra	RMOB9	28-Nov-76	46	1979.27	14.87	
Old Brahmaputra	RMOB9	28-Nov-76	47	2040.24	15.75	
Old Brahmaputra	RMOB9	28-Nov-76	48	2101.22	16.53	
Old Brahmaputra	RMOB9	28-Nov-76	49	2162.20	16.38	LHB
Old Brahmaputra	RMOB9	28-Nov-76	50	2167.68	15.03	
Old Brahmaputra	RMOB9	28-Nov-76	51	2173.78	11.87	LWE
Old Brahmaputra	RMOB9	28-Nov-76	52	2198.78	11.56	
Old Brahmaputra	RMOB9	28-Nov-76	53	2226.22	11.56	
Old Brahmaputra	RMOB9	28-Nov-76	54	2260.37	10.95	
Old Brahmaputra	RMOB9	28-Nov-76	55	2286.28	10.95	
Old Brahmaputra	RMOB9	28-Nov-76	56	2307.01	10.95	
Old Brahmaputra	RMOB9	28-Nov-76	57	2324.70	10.95	
Old Brahmaputra	RMOB9	28-Nov-76	58	2339.02	10.95	
Old Brahmaputra	RMOB9	28-Nov-76	59	2350.91	11.56	
Old Brahmaputra	RMOB9	28-Nov-76	60	2357.01	11.87	RWE dt. 28-11-76
Old Brahmaputra	RMOB9	28-Nov-76	61	2367.99	12.87	
Old Brahmaputra	RMOB9	28-Nov-76	62	2440.55	13.30	
Old Brahmaputra	RMOB9	28-Nov-76	63	2501.52	13.45	
Old Brahmaputra	RMOB9	28-Nov-76	64	2568.60	14.42	
Old Brahmaputra	RMOB9	28-Nov-76	65	2629.57	13.85	
Old Brahmaputra	RMOB9	28-Nov-76	66	2644.82	16.20	
Old Brahmaputra	RMOB9	28-Nov-76	67	2705.79	16.03	
Old Brahmaputra	RMOB9	28-Nov-76	68	2714.94	17.78	Top of P/2 at RB
Old Brahmaputra	RMOB9	28-Nov-76	69	2714.94	17.55	GL of P/2 at RB
Old Brahmaputra	RMOB9	28-Nov-76	70	2735.98	18.34	On pacca road
Old Brahmaputra	RMOB9	28-Nov-76	71	2752.44	17.49	
Old Brahmaputra	RMOB9	28-Nov-76	72	2813.41	17.63	GL of P/1 at RB
Old Brahmaputra	RMOB9	28-Nov-76	73	2813.41	17.78	Top of P/1 at RB
Old Brahmaputra	RMOB9	20-Dec-77	1	0.00	16.26	Top of P/3 at LB
Old Brahmaputra	RMOB9	20-Dec-77	2	0.00	15.97	GL of P/3 at LB
Old Brahmaputra	RMOB9	20-Dec-77	3	3.96	15.98	Toe of embankment
Old Brahmaputra	RMOB9	20-Dec-77	4	6.10	17.25	Crest of embankment
Old Brahmaputra	RMOB9	20-Dec-77	5	10.67	17.25	Toe of embankment
Old Brahmaputra	RMOB9	20-Dec-77	6	19.82	14.70	
Old Brahmaputra	RMOB9	20-Dec-77	7	47.56	14.40	
Old Brahmaputra	RMOB9	20-Dec-77	8	108.54	14.44	
Old Brahmaputra	RMOB9	20-Dec-77	9	169.51	14.33	
Old Brahmaputra	RMOB9	20-Dec-77	10	230.49	14.46	
Old Brahmaputra	RMOB9	20-Dec-77	11	291.46	14.89	
Old Brahmaputra	RMOB9	20-Dec-77	12	352.44	15.33	
Old Brahmaputra	RMOB9	20-Dec-77	13	413.41	15.70	

Old Brahmaputra	RMOB9	20-Dec-77	14	474.39	15.90	
Old Brahmaputra	RMOB9	20-Dec-77	15	535.37	16.11	
Old Brahmaputra	RMOB9	20-Dec-77	16	596.34	16.17	
Old Brahmaputra	RMOB9	20-Dec-77	17	657.32	16.08	
Old Brahmaputra	RMOB9	20-Dec-77	18	718.29	15.97	
Old Brahmaputra	RMOB9	20-Dec-77	19	779.27	15.84	
Old Brahmaputra	RMOB9	20-Dec-77	20	840.24	16.34	
Old Brahmaputra	RMOB9	20-Dec-77	21	899.39	14.51	
Old Brahmaputra	RMOB9	20-Dec-77	22	929.88	14.41	
Old Brahmaputra	RMOB9	20-Dec-77	23	960.37	15.57	
Old Brahmaputra	RMOB9	20-Dec-77	24	1021.34	15.38	Toe of embankment
Old Brahmaputra	RMOB9	20-Dec-77	25	1025.30	17.43	
Old Brahmaputra	RMOB9	20-Dec-77	26	1026.83	17.44	Top of embankment
Old Brahmaputra	RMOB9	20-Dec-77	27	1028.35	17.44	
Old Brahmaputra	RMOB9	20-Dec-77	28	1032.32	15.72	Toe of embankment
Old Brahmaputra	RMOB9	20-Dec-77	29	1044.21	15.78	
Old Brahmaputra	RMOB9	20-Dec-77	30	1105.18	15.91	
Old Brahmaputra	RMOB9	20-Dec-77	31	1166.16	16.02	
Old Brahmaputra	RMOB9	20-Dec-77	32	1227.13	16.13	
Old Brahmaputra	RMOB9	20-Dec-77	33	1288.11	16.20	
Old Brahmaputra	RMOB9	20-Dec-77	34	1349.09	16.33	
Old Brahmaputra	RMOB9	20-Dec-77	35	1410.06	15.94	
Old Brahmaputra	RMOB9	20-Dec-77	36	1441.16	14.02	
Old Brahmaputra	RMOB9	20-Dec-77	37	1502.13	13.58	
Old Brahmaputra	RMOB9	20-Dec-77	38	1563.11	13.14	
Old Brahmaputra	RMOB9	20-Dec-77	39	1624.09	12.89	
Old Brahmaputra	RMOB9	20-Dec-77	40	1654.57	11.68	LWE
Old Brahmaputra	RMOB9	20-Dec-77	41	1660.98	11.41	
Old Brahmaputra	RMOB9	20-Dec-77	42	1677.74	11.41	
Old Brahmaputra	RMOB9	20-Dec-77	43	1700.91	11.11	
Old Brahmaputra	RMOB9	20-Dec-77	44	1712.20	11.11	
Old Brahmaputra	RMOB9	20-Dec-77	45	1723.48	10.50	
Old Brahmaputra	RMOB9	20-Dec-77	46	1729.88	11.72	RWE
Old Brahmaputra	RMOB9	20-Dec-77	47	1732.62	13.12	
Old Brahmaputra	RMOB9	20-Dec-77	48	1736.89	15.64	
Old Brahmaputra	RMOB9	20-Dec-77	49	1812.80	13.62	
Old Brahmaputra	RMOB9	20-Dec-77	50	1873.78	13.60	
Old Brahmaputra	RMOB9	20-Dec-77	51	1904.27	16.01	
Old Brahmaputra	RMOB9	20-Dec-77	52	1929.27	15.88	
Old Brahmaputra	RMOB9	20-Dec-77	53	1990.24	16.48	
Old Brahmaputra	RMOB9	20-Dec-77	54	2051.22	16.11	
Old Brahmaputra	RMOB9	20-Dec-77	55	2112.20	16.09	
Old Brahmaputra	RMOB9	20-Dec-77	56	2120.43	16.40	
Old Brahmaputra	RMOB9	20-Dec-77	57	2135.67	13.72	
Old Brahmaputra	RMOB9	20-Dec-77	58	2143.29	11.48	LWE
Old Brahmaputra	RMOB9	20-Dec-77	59	2146.34	11.03	
Old Brahmaputra	RMOB9	20-Dec-77	60	2155.49	11.09	

Old Brahmaputra	RMOB9	20-Dec-77	61	2164.63	11.03	
Old Brahmaputra	RMOB9	20-Dec-77	62	2177.13	10.72	
Old Brahmaputra	RMOB9	20-Dec-77	63	2196.04	10.57	
Old Brahmaputra	RMOB9	20-Dec-77	64	2217.99	10.88	
Old Brahmaputra	RMOB9	20-Dec-77	65	2240.85	11.48	RWE
Old Brahmaputra	RMOB9	20-Dec-77	66	2279.27	11.70	
Old Brahmaputra	RMOB9	20-Dec-77	67	2342.07	11.63	
Old Brahmaputra	RMOB9	20-Dec-77	68	2348.17	13.22	
Old Brahmaputra	RMOB9	20-Dec-77	69	2378.66	13.95	
Old Brahmaputra	RMOB9	20-Dec-77	70	2439.63	14.10	
Old Brahmaputra	RMOB9	20-Dec-77	71	2500.61	14.37	
Old Brahmaputra	RMOB9	20-Dec-77	72	2558.54	14.35	
Old Brahmaputra	RMOB9	20-Dec-77	73	2589.02	14.28	
Old Brahmaputra	RMOB9	20-Dec-77	74	2619.51	14.35	
Old Brahmaputra	RMOB9	20-Dec-77	75	2650.00	15.82	
Old Brahmaputra	RMOB9	20-Dec-77	76	2680.49	15.55	
Old Brahmaputra	RMOB9	20-Dec-77	77	2710.98	17.02	
Old Brahmaputra	RMOB9	20-Dec-77	78	2714.02	17.79	Top of P/2 at RB
Old Brahmaputra	RMOB9	20-Dec-77	79	2714.02	17.51	GL of P/2 at RB
Old Brahmaputra	RMOB9	20-Dec-77	80	2736.28	18.17	road
Old Brahmaputra	RMOB9	20-Dec-77	81	2750.00	17.31	
Old Brahmaputra	RMOB9	20-Dec-77	82	2783.23	17.40	
Old Brahmaputra	RMOB9	20-Dec-77	83	2810.98	17.24	GL of P/1 at RB
Old Brahmaputra	RMOB9	20-Dec-77	84	2810.98	17.56	Top of P/1 at RB
Old Brahmaputra	RMOB9	15-Dec-79	1	0.00	16.23	Top of P/3 at LB
Old Brahmaputra	RMOB9	15-Dec-79	2	0.00	16.03	GL of P/3 at LB
Old Brahmaputra	RMOB9	15-Dec-79	3	8.23	16.29	
Old Brahmaputra	RMOB9	15-Dec-79	4	13.41	17.10	
Old Brahmaputra	RMOB9	15-Dec-79	5	24.39	15.98	
Old Brahmaputra	RMOB9	15-Dec-79	6	54.88	15.52	
Old Brahmaputra	RMOB9	15-Dec-79	7	85.37	14.47	
Old Brahmaputra	RMOB9	15-Dec-79	8	153.96	15.01	
Old Brahmaputra	RMOB9	15-Dec-79	9	214.94	15.03	
Old Brahmaputra	RMOB9	15-Dec-79	10	275.91	15.64	
Old Brahmaputra	RMOB9	15-Dec-79	11	336.89	15.71	
Old Brahmaputra	RMOB9	15-Dec-79	12	397.87	15.45	
Old Brahmaputra	RMOB9	15-Dec-79	13	449.39	15.25	
Old Brahmaputra	RMOB9	15-Dec-79	14	510.37	15.18	
Old Brahmaputra	RMOB9	15-Dec-79	15	571.34	15.13	
Old Brahmaputra	RMOB9	15-Dec-79	16	632.32	15.19	
Old Brahmaputra	RMOB9	15-Dec-79	17	693.29	15.28	
Old Brahmaputra	RMOB9	15-Dec-79	18	754.27	15.31	
Old Brahmaputra	RMOB9	15-Dec-79	19	811.89	15.28	
Old Brahmaputra	RMOB9	15-Dec-79	20	872.87	16.08	
Old Brahmaputra	RMOB9	15-Dec-79	21	933.84	16.16	
Old Brahmaputra	RMOB9	15-Dec-79	22	994.82	17.01	
Old Brahmaputra	RMOB9	15-Dec-79	23	1055.79	17.69	
Old Brahmaputra	RMOB9	15-Dec-79	24	1130.18	16.21	
Old Brahmaputra	RMOB9	15-Dec-79	25	1191.16	16.22	
Old Brahmaputra	RMOB9	15-Dec-79	26	1252.13	16.26	

Old Brahmaputra	RMOB9	15-Dec-79	27	1313.11	16.72	
Old Brahmaputra	RMOB9	15-Dec-79	28	1374.09	16.51	
Old Brahmaputra	RMOB9	15-Dec-79	29	1435.06	16.30	Bank
Old Brahmaputra	RMOB9	15-Dec-79	30	1496.65	14.80	
Old Brahmaputra	RMOB9	15-Dec-79	31	1527.13	13.56	Dry channel
Old Brahmaputra	RMOB9	15-Dec-79	32	1557.62	13.48	Dry channel
Old Brahmaputra	RMOB9	15-Dec-79	33	1588.11	13.22	Dry channel
Old Brahmaputra	RMOB9	15-Dec-79	34	1618.60	12.55	Dry channel
Old Brahmaputra	RMOB9	15-Dec-79	35	1649.09	12.42	Dry channel
Old Brahmaputra	RMOB9	15-Dec-79	36	1710.06	11.71	Khal
Old Brahmaputra	RMOB9	15-Dec-79	37	1740.55	11.85	Khal
Old Brahmaputra	RMOB9	15-Dec-79	38	1771.04	14.07	Khal
Old Brahmaputra	RMOB9	15-Dec-79	39	1801.52	14.66	
Old Brahmaputra	RMOB9	15-Dec-79	40	1832.01	14.59	
Old Brahmaputra	RMOB9	15-Dec-79	41	1892.99	15.21	
Old Brahmaputra	RMOB9	15-Dec-79	42	1953.96	15.89	
Old Brahmaputra	RMOB9	15-Dec-79	43	2014.94	16.07	
Old Brahmaputra	RMOB9	15-Dec-79	44	2075.91	16.17	LB
Old Brahmaputra	RMOB9	15-Dec-79	45	2082.01	14.64	
Old Brahmaputra	RMOB9	15-Dec-79	46	2085.06	11.42	LWE
Old Brahmaputra	RMOB9	15-Dec-79	47	2104.88	11.11	
Old Brahmaputra	RMOB9	15-Dec-79	48	2133.84	10.81	
Old Brahmaputra	RMOB9	15-Dec-79	49	2168.29	10.20	
Old Brahmaputra	RMOB9	15-Dec-79	50	2193.90	10.81	
Old Brahmaputra	RMOB9	15-Dec-79	51	2202.74	10.50	
Old Brahmaputra	RMOB9	15-Dec-79	52	2219.21	10.50	
Old Brahmaputra	RMOB9	15-Dec-79	53	2232.93	11.42	RWE
Old Brahmaputra	RMOB9	15-Dec-79	54	2243.60	12.86	
Old Brahmaputra	RMOB9	15-Dec-79	55	2258.84	13.00	
Old Brahmaputra	RMOB9	15-Dec-79	56	2267.38	13.28	
Old Brahmaputra	RMOB9	15-Dec-79	57	2297.87	13.95	
Old Brahmaputra	RMOB9	15-Dec-79	58	2328.35	14.04	
Old Brahmaputra	RMOB9	15-Dec-79	59	2389.33	14.08	
Old Brahmaputra	RMOB9	15-Dec-79	60	2450.30	14.18	
Old Brahmaputra	RMOB9	15-Dec-79	61	2511.28	14.46	
Old Brahmaputra	RMOB9	15-Dec-79	62	2572.26	14.52	
Old Brahmaputra	RMOB9	15-Dec-79	63	2633.23	15.51	RB
Old Brahmaputra	RMOB9	15-Dec-79	64	2711.89	17.71	Top of P/2 at RB
Old Brahmaputra	RMOB9	15-Dec-79	65	2711.89	17.48	GL of P/2 at RB
Old Brahmaputra	RMOB9	15-Dec-79	66	2734.45	18.19	Top of DC road
Old Brahmaputra	RMOB9	15-Dec-79	67	2778.96	17.28	
Old Brahmaputra	RMOB9	15-Dec-79	68	2809.45	17.16	GL of P/1 at RB
Old Brahmaputra	RMOB9	15-Dec-79	69	2809.45	17.56	Top of P/1 at RB
Old Brahmaputra	RMOB9	03-Nov-85	1	0.00	16.22	Top of P/3 at LB
Old Brahmaputra	RMOB9	03-Nov-85	2	0.00	15.91	GL of P/3 at LB
Old Brahmaputra	RMOB9	03-Nov-85	3	68.28	16.49	
Old Brahmaputra	RMOB9	03-Nov-85	4	129.24	17.24	
Old Brahmaputra	RMOB9	03-Nov-85	5	158.50	15.14	
Old Brahmaputra	RMOB9	03-Nov-85	6	219.46	15.03	
Old Brahmaputra	RMOB9	03-Nov-85	7	249.94	14.78	

Old Brahmaputra	RMOB9	03-Nov-85	8	280.42	14.94	
Old Brahmaputra	RMOB9	03-Nov-85	9	341.38	15.19	
Old Brahmaputra	RMOB9	03-Nov-85	10	402.34	15.09	
Old Brahmaputra	RMOB9	03-Nov-85	11	463.30	15.27	
Old Brahmaputra	RMOB9	03-Nov-85	12	561.44	15.75	
Old Brahmaputra	RMOB9	03-Nov-85	13	597.41	15.73	
Old Brahmaputra	RMOB9	03-Nov-85	14	633.37	15.76	
Old Brahmaputra	RMOB9	03-Nov-85	15	688.85	15.69	
Old Brahmaputra	RMOB9	03-Nov-85	16	749.81	15.82	
Old Brahmaputra	RMOB9	03-Nov-85	17	793.09	15.67	
Old Brahmaputra	RMOB9	03-Nov-85	18	854.05	15.61	
Old Brahmaputra	RMOB9	03-Nov-85	19	884.53	15.15	
Old Brahmaputra	RMOB9	03-Nov-85	20	945.49	14.02	
Old Brahmaputra	RMOB9	03-Nov-85	21	1006.45	15.12	
Old Brahmaputra	RMOB9	03-Nov-85	22	1036.93	15.85	
Old Brahmaputra	RMOB9	03-Nov-85	23	1067.41	17.59	
Old Brahmaputra	RMOB9	03-Nov-85	24	1086.00	16.92	
Old Brahmaputra	RMOB9	03-Nov-85	25	1146.96	16.68	
Old Brahmaputra	RMOB9	03-Nov-85	26	1207.92	16.28	
Old Brahmaputra	RMOB9	03-Nov-85	27	1268.88	16.31	
Old Brahmaputra	RMOB9	03-Nov-85	28	1329.84	16.33	
Old Brahmaputra	RMOB9	03-Nov-85	29	1354.84	16.29	
Old Brahmaputra	RMOB9	03-Nov-85	30	1372.21	14.17	
Old Brahmaputra	RMOB9	03-Nov-85	31	1433.17	14.65	
Old Brahmaputra	RMOB9	03-Nov-85	32	1494.13	13.83	
Old Brahmaputra	RMOB9	03-Nov-85	33	1555.09	12.88	
Old Brahmaputra	RMOB9	03-Nov-85	34	1616.05	12.21	
Old Brahmaputra	RMOB9	03-Nov-85	35	1646.53	13.46	
Old Brahmaputra	RMOB9	03-Nov-85	36	1677.01	15.40	
Old Brahmaputra	RMOB9	03-Nov-85	37	1737.97	14.92	
Old Brahmaputra	RMOB9	03-Nov-85	38	1798.93	14.66	
Old Brahmaputra	RMOB9	03-Nov-85	39	1829.41	15.91	
Old Brahmaputra	RMOB9	03-Nov-85	40	1859.89	16.12	
Old Brahmaputra	RMOB9	03-Nov-85	41	1866.29	12.23	
Old Brahmaputra	RMOB9	03-Nov-85	42	1880.62	11.02	
Old Brahmaputra	RMOB9	03-Nov-85	43	1904.09	11.17	
Old Brahmaputra	RMOB9	03-Nov-85	44	1921.15	11.02	
Old Brahmaputra	RMOB9	03-Nov-85	45	1940.66	10.56	
Old Brahmaputra	RMOB9	03-Nov-85	46	1961.08	10.41	
Old Brahmaputra	RMOB9	03-Nov-85	47	1978.15	10.41	
Old Brahmaputra	RMOB9	03-Nov-85	48	1990.95	10.86	
Old Brahmaputra	RMOB9	03-Nov-85	49	2008.63	11.32	
Old Brahmaputra	RMOB9	03-Nov-85	50	2032.10	12.23	
Old Brahmaputra	RMOB9	03-Nov-85	51	2056.49	12.49	
Old Brahmaputra	RMOB9	03-Nov-85	52	2148.54	12.58	
Old Brahmaputra	RMOB9	03-Nov-85	53	2209.50	13.29	
Old Brahmaputra	RMOB9	03-Nov-85	54	2270.46	13.16	
Old Brahmaputra	RMOB9	03-Nov-85	55	2321.36	12.28	
Old Brahmaputra	RMOB9	03-Nov-85	56	2328.98	11.67	
Old Brahmaputra	RMOB9	03-Nov-85	57	2359.46	11.52	

Old Brahmaputra	RMOB9	03-Nov-85	58	2389.94	11.06	
Old Brahmaputra	RMOB9	03-Nov-85	59	2420.42	11.36	
Old Brahmaputra	RMOB9	03-Nov-85	60	2450.90	12.28	
Old Brahmaputra	RMOB9	03-Nov-85	61	2459.43	15.20	
Old Brahmaputra	RMOB9	03-Nov-85	62	2496.92	15.22	
Old Brahmaputra	RMOB9	03-Nov-85	63	2557.88	15.36	
Old Brahmaputra	RMOB9	03-Nov-85	64	2618.84	15.34	
Old Brahmaputra	RMOB9	03-Nov-85	65	2652.98	16.12	
Old Brahmaputra	RMOB9	03-Nov-85	66	2698.70	15.99	
Old Brahmaputra	RMOB9	03-Nov-85	67	2713.94	17.71	Top of P/2 at RB
Old Brahmaputra	RMOB9	03-Nov-85	68	2713.94	17.40	GL of P/2 at RB
Old Brahmaputra	RMOB9	03-Nov-85	69	2732.53	17.41	
Old Brahmaputra	RMOB9	03-Nov-85	70	2734.06	18.57	
Old Brahmaputra	RMOB9	03-Nov-85	71	2738.63	18.57	
Old Brahmaputra	RMOB9	03-Nov-85	72	2740.15	17.35	
Old Brahmaputra	RMOB9	03-Nov-85	73	2811.48	17.27	GL of P/1 at RB
Old Brahmaputra	RMOB9	03-Nov-85	74	2811.48	17.55	Top of P/1 at RB
Old Brahmaputra	RMOB9	24-Mar-87	1	0.00	53.20	Top of P/3 at LB
Old Brahmaputra	RMOB9	24-Mar-87	2	6468.30	15.87	GL of P/3 at LB
Old Brahmaputra	RMOB9	24-Mar-87	3	6468.30	17.20	
Old Brahmaputra	RMOB9	24-Mar-87	4	6476.84	17.22	Top of Embankment
Old Brahmaputra	RMOB9	24-Mar-87	5	6529.57	15.06	Bottin of Embankment
Old Brahmaputra	RMOB9	24-Mar-87	6	6532.92	15.04	
Old Brahmaputra	RMOB9	24-Mar-87	7	6563.40	15.21	
Old Brahmaputra	RMOB9	24-Mar-87	8	6624.36	15.10	
Old Brahmaputra	RMOB9	24-Mar-87	9	6685.32	14.93	
Old Brahmaputra	RMOB9	24-Mar-87	10	6746.28	15.39	
Old Brahmaputra	RMOB9	24-Mar-87	11	6807.24	15.19	
Old Brahmaputra	RMOB9	24-Mar-87	12	6868.20	15.44	
Old Brahmaputra	RMOB9	24-Mar-87	13	6929.16	15.65	
Old Brahmaputra	RMOB9	24-Mar-87	14	6990.12	15.68	
Old Brahmaputra	RMOB9	24-Mar-87	15	8270.28	15.80	
Old Brahmaputra	RMOB9	24-Mar-87	16	7148.62	15.69	
Old Brahmaputra	RMOB9	24-Mar-87	17	7209.58	15.66	
Old Brahmaputra	RMOB9	24-Mar-87	18	7270.54	15.55	
Old Brahmaputra	RMOB9	24-Mar-87	19	7294.92	15.29	
Old Brahmaputra	RMOB9	24-Mar-87	20	7355.88	14.42	
Old Brahmaputra	RMOB9	24-Mar-87	21	7416.84	15.35	
Old Brahmaputra	RMOB9	24-Mar-87	22	7477.80	17.62	
Old Brahmaputra	RMOB9	24-Mar-87	23	7483.59	17.07	Slope
Old Brahmaputra	RMOB9	24-Mar-87	24	7488.16	16.66	Bottin of Embankment
Old Brahmaputra	RMOB9	24-Mar-87	25	7549.12	16.45	
Old Brahmaputra	RMOB9	24-Mar-87	26	7610.08	16.39	
Old Brahmaputra	RMOB9	24-Mar-87	27	7671.04	16.31	
Old Brahmaputra	RMOB9	24-Mar-87	28	7732.00	16.30	
Old Brahmaputra	RMOB9	24-Mar-87	29	7792.96	15.92	
Old Brahmaputra	RMOB9	24-Mar-87	30	7853.92	16.35	LHB

Old Brahmaputra	RMOB9	24-Mar-87	31	7913.36	14.45	
Old Brahmaputra	RMOB9	24-Mar-87	32	7974.32	14.81	
Old Brahmaputra	RMOB9	24-Mar-87	33	8035.28	14.06	
Old Brahmaputra	RMOB9	24-Mar-87	34	8096.24	12.87	
Old Brahmaputra	RMOB9	24-Mar-87	35	8157.20	12.75	
Old Brahmaputra	RMOB9	24-Mar-87	36	8164.82	15.04	RB
Old Brahmaputra	RMOB9	24-Mar-87	37	8225.78	15.17	
Old Brahmaputra	RMOB9	24-Mar-87	38	8256.26	15.14	
Old Brahmaputra	RMOB9	24-Mar-87	39	8286.74	15.51	
Old Brahmaputra	RMOB9	24-Mar-87	40	8317.22	16.06	LB
Old Brahmaputra	RMOB9	24-Mar-87	41	8318.74	13.53	
Old Brahmaputra	RMOB9	24-Mar-87	42	8320.27	11.34	
Old Brahmaputra	RMOB9	24-Mar-87	43	8320.27	11.34	
Old Brahmaputra	RMOB9	24-Mar-87	44	8317.22	11.34	LWE
Old Brahmaputra	RMOB9	24-Mar-87	45	8350.75	11.34	
Old Brahmaputra	RMOB9	24-Mar-87	46	8363.55	10.27	
Old Brahmaputra	RMOB9	24-Mar-87	47	8378.79	10.12	
Old Brahmaputra	RMOB9	24-Mar-87	48	8394.03	10.42	
Old Brahmaputra	RMOB9	24-Mar-87	49	8409.27	10.73	
Old Brahmaputra	RMOB9	24-Mar-87	50	8439.75	11.34	RWE dt. 25.3.87 Time: 0830 hrs.
Old Brahmaputra	RMOB9	24-Mar-87	51	8409.27	11.34	
Old Brahmaputra	RMOB9	24-Mar-87	52	8439.75	12.37	
Old Brahmaputra	RMOB9	24-Mar-87	53	8531.19	13.12	
Old Brahmaputra	RMOB9	24-Mar-87	54	8592.15	13.33	
Old Brahmaputra	RMOB9	24-Mar-87	55	8683.59	13.24	
Old Brahmaputra	RMOB9	24-Mar-87	56	8744.55	12.19	
Old Brahmaputra	RMOB9	24-Mar-87	57	8755.22	11.74	
Old Brahmaputra	RMOB9	24-Mar-87	58	8744.55	11.74	LWE
Old Brahmaputra	RMOB9	24-Mar-87	59	8755.22	11.74	
Old Brahmaputra	RMOB9	24-Mar-87	60	8768.93	11.13	
Old Brahmaputra	RMOB9	24-Mar-87	61	8814.65	11.43	
Old Brahmaputra	RMOB9	24-Mar-87	62	8829.89	11.74	
Old Brahmaputra	RMOB9	24-Mar-87	63	8837.51	11.74	RWE dt. 24.3.87 Time: 1530 hrs.
Old Brahmaputra	RMOB9	24-Mar-87	64	8829.89	15.38	
Old Brahmaputra	RMOB9	24-Mar-87	65	8834.47	15.38	
Old Brahmaputra	RMOB9	24-Mar-87	66	8837.51	15.12	
Old Brahmaputra	RMOB9	24-Mar-87	67	8837.51	15.12	
Old Brahmaputra	RMOB9	24-Mar-87	68	8883.23	15.36	
Old Brahmaputra	RMOB9	24-Mar-87	69	8944.19	15.43	
Old Brahmaputra	RMOB9	24-Mar-87	70	9005.15	14.94	
Old Brahmaputra	RMOB9	24-Mar-87	71	9066.11	15.46	
Old Brahmaputra	RMOB9	24-Mar-87	72	9127.07	17.71	Top of P/2 at RB
Old Brahmaputra	RMOB9	24-Mar-87	73	9145.67	17.44	GL of P/2 at RB
Old Brahmaputra	RMOB9	24-Mar-87	74	9145.67	17.35	
Old Brahmaputra	RMOB9	24-Mar-87	75	9148.71	18.24	
Old Brahmaputra	RMOB9	24-Mar-87	76	9153.29	18.27	Top of pacca Road
Old Brahmaputra	RMOB9	24-Mar-87	77	9163.04	17.21	
Old Brahmaputra	RMOB9	24-Mar-87	78	9224.00	17.25	GL of P/1 at RB

Old Brahmaputra	RMOB9	24-Mar-87	79	9224.00	17.55	Top of P/1 at RB
Old Brahmaputra	RMOB9	04-Dec-88	1	0.00	16.16	Top of P/3 at LB
Old Brahmaputra	RMOB9	04-Dec-88	2	0.00	15.85	GL of P/3 at LB
Old Brahmaputra	RMOB9	04-Dec-88	3	23.78	14.76	
Old Brahmaputra	RMOB9	04-Dec-88	4	26.83	17.23	
Old Brahmaputra	RMOB9	04-Dec-88	5	29.27	17.23	
Old Brahmaputra	RMOB9	04-Dec-88	6	64.33	14.46	
Old Brahmaputra	RMOB9	04-Dec-88	7	75.61	15.08	
Old Brahmaputra	RMOB9	04-Dec-88	8	136.59	15.26	
Old Brahmaputra	RMOB9	04-Dec-88	9	197.56	15.37	
Old Brahmaputra	RMOB9	04-Dec-88	10	258.54	15.17	
Old Brahmaputra	RMOB9	04-Dec-88	11	319.51	15.23	
Old Brahmaputra	RMOB9	04-Dec-88	12	353.05	15.49	
Old Brahmaputra	RMOB9	04-Dec-88	13	414.02	15.85	
Old Brahmaputra	RMOB9	04-Dec-88	14	475.00	15.48	
Old Brahmaputra	RMOB9	04-Dec-88	15	535.98	15.64	
Old Brahmaputra	RMOB9	04-Dec-88	16	596.95	15.35	
Old Brahmaputra	RMOB9	04-Dec-88	17	657.93	15.23	
Old Brahmaputra	RMOB9	04-Dec-88	18	718.90	15.14	
Old Brahmaputra	RMOB9	04-Dec-88	19	779.88	15.69	
Old Brahmaputra	RMOB9	04-Dec-88	20	840.85	15.50	
Old Brahmaputra	RMOB9	04-Dec-88	21	878.35	15.24	
Old Brahmaputra	RMOB9	04-Dec-88	22	939.33	15.38	
Old Brahmaputra	RMOB9	04-Dec-88	23	1000.30	15.37	
Old Brahmaputra	RMOB9	04-Dec-88	24	1056.71	15.29	
Old Brahmaputra	RMOB9	04-Dec-88	25	1058.23	17.93	
Old Brahmaputra	RMOB9	04-Dec-88	26	1061.28	17.93	
Old Brahmaputra	RMOB9	04-Dec-88	27	1067.38	15.72	
Old Brahmaputra	RMOB9	04-Dec-88	28	1073.48	16.04	
Old Brahmaputra	RMOB9	04-Dec-88	29	1134.45	15.90	
Old Brahmaputra	RMOB9	04-Dec-88	30	1195.43	16.05	
Old Brahmaputra	RMOB9	04-Dec-88	31	1256.40	16.19	
Old Brahmaputra	RMOB9	04-Dec-88	32	1317.38	16.27	
Old Brahmaputra	RMOB9	04-Dec-88	33	1378.35	16.04	
Old Brahmaputra	RMOB9	04-Dec-88	34	1439.33	16.32	
Old Brahmaputra	RMOB9	04-Dec-88	35	1502.74	14.50	
Old Brahmaputra	RMOB9	04-Dec-88	36	1563.72	14.66	
Old Brahmaputra	RMOB9	04-Dec-88	37	1649.09	13.99	
Old Brahmaputra	RMOB9	04-Dec-88	38	1685.67	12.96	
Old Brahmaputra	RMOB9	04-Dec-88	39	1746.65	15.08	
Old Brahmaputra	RMOB9	04-Dec-88	40	1796.04	15.28	
Old Brahmaputra	RMOB9	04-Dec-88	41	1854.57	15.17	
Old Brahmaputra	RMOB9	04-Dec-88	42	1976.52	11.62	LWE
Old Brahmaputra	RMOB9	04-Dec-88	43	2003.96	11.01	
Old Brahmaputra	RMOB9	04-Dec-88	44	2034.45	10.40	
Old Brahmaputra	RMOB9	04-Dec-88	45	2064.94	10.40	
Old Brahmaputra	RMOB9	04-Dec-88	46	2095.43	11.01	
Old Brahmaputra	RMOB9	04-Dec-88	47	2119.82	11.16	
Old Brahmaputra	RMOB9	04-Dec-88	48	2156.40	11.62	RWE
Old Brahmaputra	RMOB9	04-Dec-88	49	2159.45	12.66	

Old Brahmaputra	RMOB9	04-Dec-88	50	2165.55	12.84	
Old Brahmaputra	RMOB9	04-Dec-88	51	2226.52	12.73	
Old Brahmaputra	RMOB9	04-Dec-88	52	2287.50	12.63	
Old Brahmaputra	RMOB9	04-Dec-88	53	2350.91	12.20	
Old Brahmaputra	RMOB9	04-Dec-88	54	2354.57	11.61	LWE
Old Brahmaputra	RMOB9	04-Dec-88	55	2367.38	10.55	
Old Brahmaputra	RMOB9	04-Dec-88	56	2382.01	10.39	
Old Brahmaputra	RMOB9	04-Dec-88	57	2397.26	10.09	
Old Brahmaputra	RMOB9	04-Dec-88	58	2412.50	10.09	
Old Brahmaputra	RMOB9	04-Dec-88	59	2427.13	10.39	
Old Brahmaputra	RMOB9	04-Dec-88	60	2442.99	10.70	
Old Brahmaputra	RMOB9	04-Dec-88	61	2459.76	11.61	RWE
Old Brahmaputra	RMOB9	04-Dec-88	62	2461.28	13.49	
Old Brahmaputra	RMOB9	04-Dec-88	63	2464.33	16.09	
Old Brahmaputra	RMOB9	04-Dec-88	64	2467.38	15.70	
Old Brahmaputra	RMOB9	04-Dec-88	65	2528.35	16.20	
Old Brahmaputra	RMOB9	04-Dec-88	66	2589.33	14.72	
Old Brahmaputra	RMOB9	04-Dec-88	67	2619.82	15.84	
Old Brahmaputra	RMOB9	04-Dec-88	68	2650.30	16.04	
Old Brahmaputra	RMOB9	04-Dec-88	69	2711.28	17.71	Top of P/2 at RB
Old Brahmaputra	RMOB9	04-Dec-88	70	2711.28	17.58	GL of P/2 at RB
Old Brahmaputra	RMOB9	04-Dec-88	71	2732.01	17.26	
Old Brahmaputra	RMOB9	04-Dec-88	72	2733.54	18.13	
Old Brahmaputra	RMOB9	04-Dec-88	73	2737.50	18.13	
Old Brahmaputra	RMOB9	04-Dec-88	74	2747.26	17.45	
Old Brahmaputra	RMOB9	04-Dec-88	75	2808.23	17.27	GL of P/1 at RB
Old Brahmaputra	RMOB9	04-Dec-88	76	2808.23	17.56	Top of P/1 at RB
Old Brahmaputra	RMOB9	18-Jan-91	1	0.00	16.11	GL of P/3 at LB
Old Brahmaputra	RMOB9	18-Jan-91	2	0.00	16.75	Top of P/3 at LB
Old Brahmaputra	RMOB9	18-Jan-91	3	55.00	15.66	
Old Brahmaputra	RMOB9	18-Jan-91	4	110.00	14.17	
Old Brahmaputra	RMOB9	18-Jan-91	5	160.00	14.16	
Old Brahmaputra	RMOB9	18-Jan-91	6	210.00	14.66	
Old Brahmaputra	RMOB9	18-Jan-91	7	270.00	14.71	
Old Brahmaputra	RMOB9	18-Jan-91	8	320.00	14.77	
Old Brahmaputra	RMOB9	18-Jan-91	9	375.00	15.34	
Old Brahmaputra	RMOB9	18-Jan-91	10	400.00	15.38	
Old Brahmaputra	RMOB9	18-Jan-91	11	460.00	15.47	
Old Brahmaputra	RMOB9	18-Jan-91	12	510.00	15.83	
Old Brahmaputra	RMOB9	18-Jan-91	13	560.00	15.75	
Old Brahmaputra	RMOB9	18-Jan-91	14	605.00	15.77	
Old Brahmaputra	RMOB9	18-Jan-91	15	670.00	15.60	
Old Brahmaputra	RMOB9	18-Jan-91	16	730.00	15.30	
Old Brahmaputra	RMOB9	18-Jan-91	17	788.00	15.98	
Old Brahmaputra	RMOB9	18-Jan-91	18	850.00	15.73	
Old Brahmaputra	RMOB9	18-Jan-91	19	891.00	14.95	
Old Brahmaputra	RMOB9	18-Jan-91	20	974.00	15.03	
Old Brahmaputra	RMOB9	18-Jan-91	21	1010.00	15.10	
Old Brahmaputra	RMOB9	18-Jan-91	22	1034.00	15.08	
Old Brahmaputra	RMOB9	18-Jan-91	23	1038.00	16.19	

Old Brahmaputra	RMOB9	18-Jan-91	24	1043.00	18.53	
Old Brahmaputra	RMOB9	18-Jan-91	25	1049.00	18.42	
Old Brahmaputra	RMOB9	18-Jan-91	26	1054.00	17.16	
Old Brahmaputra	RMOB9	18-Jan-91	27	1060.00	15.71	
Old Brahmaputra	RMOB9	18-Jan-91	28	1115.00	16.24	
Old Brahmaputra	RMOB9	18-Jan-91	29	1190.00	16.09	
Old Brahmaputra	RMOB9	18-Jan-91	30	1228.00	16.22	
Old Brahmaputra	RMOB9	18-Jan-91	31	1287.00	16.63	
Old Brahmaputra	RMOB9	18-Jan-91	32	1310.00	16.25	
Old Brahmaputra	RMOB9	18-Jan-91	33	1360.00	15.16	
Old Brahmaputra	RMOB9	18-Jan-91	34	1431.00	14.85	
Old Brahmaputra	RMOB9	18-Jan-91	35	1510.00	14.81	
Old Brahmaputra	RMOB9	18-Jan-91	36	1600.00	13.93	
Old Brahmaputra	RMOB9	18-Jan-91	37	1675.00	14.88	
Old Brahmaputra	RMOB9	18-Jan-91	38	1735.00	15.20	
Old Brahmaputra	RMOB9	18-Jan-91	39	1790.00	15.43	
Old Brahmaputra	RMOB9	18-Jan-91	40	1821.00	14.82	
Old Brahmaputra	RMOB9	18-Jan-91	41	1850.00	14.15	
Old Brahmaputra	RMOB9	18-Jan-91	42	1875.00	11.87	
Old Brahmaputra	RMOB9	18-Jan-91	43	1895.00	11.36	LWE
Old Brahmaputra	RMOB9	18-Jan-91	44	1933.00	10.86	
Old Brahmaputra	RMOB9	18-Jan-91	45	1970.00	10.96	
Old Brahmaputra	RMOB9	18-Jan-91	46	2008.00	10.86	
Old Brahmaputra	RMOB9	18-Jan-91	47	2045.00	11.36	RWE
Old Brahmaputra	RMOB9	18-Jan-91	48	2100.00	12.57	
Old Brahmaputra	RMOB9	18-Jan-91	49	2119.00	13.77	
Old Brahmaputra	RMOB9	18-Jan-91	50	2170.00	14.30	
Old Brahmaputra	RMOB9	18-Jan-91	51	2200.00	14.49	
Old Brahmaputra	RMOB9	18-Jan-91	52	2280.00	14.31	
Old Brahmaputra	RMOB9	18-Jan-91	53	2310.00	13.04	
Old Brahmaputra	RMOB9	18-Jan-91	54	2355.00	12.70	
Old Brahmaputra	RMOB9	18-Jan-91	55	2375.00	11.65	
Old Brahmaputra	RMOB9	18-Jan-91	56	2410.00	11.27	
Old Brahmaputra	RMOB9	18-Jan-91	57	2442.00	12.69	
Old Brahmaputra	RMOB9	18-Jan-91	58	2445.00	16.30	
Old Brahmaputra	RMOB9	18-Jan-91	59	2550.00	16.08	
Old Brahmaputra	RMOB9	18-Jan-91	60	2593.00	15.26	
Old Brahmaputra	RMOB9	18-Jan-91	61	2644.00	16.00	
Old Brahmaputra	RMOB9	18-Jan-91	62	2710.00	17.17	GL of P/2 at RB
Old Brahmaputra	RMOB9	18-Jan-91	63	2710.00	17.42	Top of P/2 at RB
Old Brahmaputra	RMOB9	18-Jan-91	64	2728.00	17.45	
Old Brahmaputra	RMOB9	18-Jan-91	65	2730.00	18.13	
Old Brahmaputra	RMOB9	18-Jan-91	66	2736.00	18.23	
Old Brahmaputra	RMOB9	18-Jan-91	67	2737.00	17.62	
Old Brahmaputra	RMOB9	18-Jan-91	68	2755.00	17.62	
Old Brahmaputra	RMOB9	18-Jan-91	69	2810.00	17.14	GL of P/1 at RB
Old Brahmaputra	RMOB9	18-Jan-91	70	2810.00	17.56	Top of P/1 at RB
Old Brahmaputra	RMOB9	10-Jun-94	1	0.00	16.75	Top of P/3 at LB
Old Brahmaputra	RMOB9	10-Jun-94	2	37.00	16.12	GL of P/3 at LB
Old Brahmaputra	RMOB9	10-Jun-94	3	87.00	14.78	

Old Brahmaputra	RMOB9	10-Jun-94	4	137.00	14.13	
Old Brahmaputra	RMOB9	10-Jun-94	5	187.00	14.45	
Old Brahmaputra	RMOB9	10-Jun-94	6	237.00	14.69	
Old Brahmaputra	RMOB9	10-Jun-94	7	287.00	14.72	
Old Brahmaputra	RMOB9	10-Jun-94	8	337.00	14.84	
Old Brahmaputra	RMOB9	10-Jun-94	9	387.00	15.35	
Old Brahmaputra	RMOB9	10-Jun-94	10	437.00	15.39	
Old Brahmaputra	RMOB9	10-Jun-94	11	487.00	15.64	
Old Brahmaputra	RMOB9	10-Jun-94	12	537.00	15.78	
Old Brahmaputra	RMOB9	10-Jun-94	13	587.00	15.72	
Old Brahmaputra	RMOB9	10-Jun-94	14	637.00	15.76	
Old Brahmaputra	RMOB9	10-Jun-94	15	687.00	15.61	
Old Brahmaputra	RMOB9	10-Jun-94	16	737.00	15.28	
Old Brahmaputra	RMOB9	10-Jun-94	17	787.00	15.10	
Old Brahmaputra	RMOB9	10-Jun-94	18	807.00	13.71	LWE
Old Brahmaputra	RMOB9	10-Jun-94	19	828.00	13.00	
Old Brahmaputra	RMOB9	10-Jun-94	20	848.00	12.91	
Old Brahmaputra	RMOB9	10-Jun-94	21	868.00	13.71	RWE Ch-3
Old Brahmaputra	RMOB9	10-Jun-94	22	891.00	14.95	
Old Brahmaputra	RMOB9	10-Jun-94	23	980.00	15.10	L 90°
Old Brahmaputra	RMOB9	10-Jun-94	24	1035.00	16.18	L 90°
Old Brahmaputra	RMOB9	10-Jun-94	25	1038.00	16.20	Toe of Road
Old Brahmaputra	RMOB9	10-Jun-94	26	1043.00	18.52	
Old Brahmaputra	RMOB9	10-Jun-94	27	1049.00	18.42	
Old Brahmaputra	RMOB9	10-Jun-94	28	1054.00	17.17	Toe of Road
Old Brahmaputra	RMOB9	10-Jun-94	29	1110.00	15.98	
Old Brahmaputra	RMOB9	10-Jun-94	30	1160.00	16.13	
Old Brahmaputra	RMOB9	10-Jun-94	31	1200.00	16.10	
Old Brahmaputra	RMOB9	10-Jun-94	32	1240.00	16.25	
Old Brahmaputra	RMOB9	10-Jun-94	33	1280.00	16.42	
Old Brahmaputra	RMOB9	10-Jun-94	34	1330.00	16.14	
Old Brahmaputra	RMOB9	10-Jun-94	35	1380.00	15.18	
Old Brahmaputra	RMOB9	10-Jun-94	36	1430.00	14.90	
Old Brahmaputra	RMOB9	10-Jun-94	37	1505.00	14.85	
Old Brahmaputra	RMOB9	10-Jun-94	38	1565.00	14.53	
Old Brahmaputra	RMOB9	10-Jun-94	39	1625.00	14.73	
Old Brahmaputra	RMOB9	10-Jun-94	40	1685.00	14.89	
Old Brahmaputra	RMOB9	10-Jun-94	41	1745.00	15.19	
Old Brahmaputra	RMOB9	10-Jun-94	42	1805.00	15.22	
Old Brahmaputra	RMOB9	10-Jun-94	43	1860.00	13.72	LWE
Old Brahmaputra	RMOB9	10-Jun-94	44	1865.00	11.02	
Old Brahmaputra	RMOB9	10-Jun-94	45	1870.00	11.02	
Old Brahmaputra	RMOB9	10-Jun-94	46	1876.00	10.91	
Old Brahmaputra	RMOB9	10-Jun-94	47	1882.00	10.91	
Old Brahmaputra	RMOB9	10-Jun-94	48	1892.00	11.11	
Old Brahmaputra	RMOB9	10-Jun-94	49	1901.00	11.02	
Old Brahmaputra	RMOB9	10-Jun-94	50	1906.00	11.02	
Old Brahmaputra	RMOB9	10-Jun-94	51	1919.00	11.02	
Old Brahmaputra	RMOB9	10-Jun-94	52	1932.00	11.02	
Old Brahmaputra	RMOB9	10-Jun-94	53	1946.00	11.22	

Old Brahmaputra	RMOB9	10-Jun-94	54	1961.00	11.41	
Old Brahmaputra	RMOB9	10-Jun-94	55	1976.00	11.22	
Old Brahmaputra	RMOB9	10-Jun-94	56	1992.00	11.02	
Old Brahmaputra	RMOB9	10-Jun-94	57	2007.00	10.91	
Old Brahmaputra	RMOB9	10-Jun-94	58	2021.00	13.02	
Old Brahmaputra	RMOB9	10-Jun-94	59	2034.00	12.91	
Old Brahmaputra	RMOB9	10-Jun-94	60	2071.00	12.91	
Old Brahmaputra	RMOB9	10-Jun-94	61	2105.00	13.72	RWE
Old Brahmaputra	RMOB9	10-Jun-94	62	2128.00	14.22	
Old Brahmaputra	RMOB9	10-Jun-94	63	2175.00	14.31	
Old Brahmaputra	RMOB9	10-Jun-94	64	2225.00	14.45	
Old Brahmaputra	RMOB9	10-Jun-94	65	2285.00	14.20	
Old Brahmaputra	RMOB9	10-Jun-94	66	2345.00	13.93	
Old Brahmaputra	RMOB9	10-Jun-94	67	2358.00	13.70	LWE
Old Brahmaputra	RMOB9	10-Jun-94	68	2387.00	11.31	
Old Brahmaputra	RMOB9	10-Jun-94	69	2407.00	11.40	
Old Brahmaputra	RMOB9	10-Jun-94	70	2430.00	11.10	
Old Brahmaputra	RMOB9	10-Jun-94	71	2448.00	12.51	
Old Brahmaputra	RMOB9	10-Jun-94	72	2458.00	13.70	RWE
Old Brahmaputra	RMOB9	10-Jun-94	73	2467.00	16.14	
Old Brahmaputra	RMOB9	10-Jun-94	74	2530.00	16.34	
Old Brahmaputra	RMOB9	10-Jun-94	75	2590.00	16.34	
Old Brahmaputra	RMOB9	10-Jun-94	76	2650.00	15.73	
Old Brahmaputra	RMOB9	10-Jun-94	77	2650.00	17.40	GL of P/2 at RB
Old Brahmaputra	RMOB9	10-Jun-94	78	2710.00	17.74	Top of P/2 at RB
Old Brahmaputra	RMOB9	10-Jun-94	79	2728.00	17.92	
Old Brahmaputra	RMOB9	10-Jun-94	80	2730.00	18.23	Toe of Road
Old Brahmaputra	RMOB9	10-Jun-94	81	2736.00	18.24	Toe of Road
Old Brahmaputra	RMOB9	10-Jun-94	82	2737.00	17.61	Toe of Road
Old Brahmaputra	RMOB9	10-Jun-94	83	2760.00	17.63	
Old Brahmaputra	RMOB9	10-Jun-94	84	2810.00	17.15	GL of P/1 at RB
Old Brahmaputra	RMOB9	10-Jun-94	85	2810.00	17.56	Top of P/1 at RB
Old Brahmaputra	RMOB9	04-Jun-96	1	0.00	16.75	Top of P/3 at LB
Old Brahmaputra	RMOB9	04-Jun-96	2	0.00	15.76	GL of P/3 at LB
Old Brahmaputra	RMOB9	04-Jun-96	3	67.00	14.88	
Old Brahmaputra	RMOB9	04-Jun-96	4	127.00	14.23	
Old Brahmaputra	RMOB9	04-Jun-96	5	187.00	14.56	
Old Brahmaputra	RMOB9	04-Jun-96	6	247.00	14.79	
Old Brahmaputra	RMOB9	04-Jun-96	7	277.00	14.82	
Old Brahmaputra	RMOB9	04-Jun-96	8	337.00	14.94	
Old Brahmaputra	RMOB9	04-Jun-96	9	367.00	14.63	
Old Brahmaputra	RMOB9	04-Jun-96	10	427.00	15.48	
Old Brahmaputra	RMOB9	04-Jun-96	11	487.00	15.73	
Old Brahmaputra	RMOB9	04-Jun-96	12	547.00	15.89	
Old Brahmaputra	RMOB9	04-Jun-96	13	607.00	15.85	
Old Brahmaputra	RMOB9	04-Jun-96	14	667.00	15.45	
Old Brahmaputra	RMOB9	04-Jun-96	15	727.00	15.48	
Old Brahmaputra	RMOB9	04-Jun-96	16	787.00	15.85	
Old Brahmaputra	RMOB9	04-Jun-96	17	797.00	14.47	Slope
Old Brahmaputra	RMOB9	04-Jun-96	18	807.00	13.82	LWE

Old Brahmaputra	RMOB9	04-Jun-96	19	835.00	13.22	
Old Brahmaputra	RMOB9	04-Jun-96	20	848.00	13.82	
Old Brahmaputra	RMOB9	04-Jun-96	21	860.00	13.32	
Old Brahmaputra	RMOB9	04-Jun-96	22	865.00	13.82	RWE Ch-3 dt. 5.6.96 Time: 1400 hrs.
Old Brahmaputra	RMOB9	04-Jun-96	23	876.00	13.82	
Old Brahmaputra	RMOB9	04-Jun-96	24	891.00	15.04	
Old Brahmaputra	RMOB9	04-Jun-96	25	917.00	15.26	
Old Brahmaputra	RMOB9	04-Jun-96	26	977.00	15.36	
Old Brahmaputra	RMOB9	04-Jun-96	27	1037.00	15.82	Toe of Road
Old Brahmaputra	RMOB9	04-Jun-96	28	1043.00	18.22	
Old Brahmaputra	RMOB9	04-Jun-96	29	1049.00	18.22	
Old Brahmaputra	RMOB9	04-Jun-96	30	1102.00	16.45	Toe of road & crest of road
Old Brahmaputra	RMOB9	04-Jun-96	31	1132.00	15.82	
Old Brahmaputra	RMOB9	04-Jun-96	32	1162.00	16.35	
Old Brahmaputra	RMOB9	04-Jun-96	33	1222.00	16.15	
Old Brahmaputra	RMOB9	04-Jun-96	34	1282.00	16.60	
Old Brahmaputra	RMOB9	04-Jun-96	35	1312.00	16.34	
Old Brahmaputra	RMOB9	04-Jun-96	36	1372.00	16.59	
Old Brahmaputra	RMOB9	04-Jun-96	37	1432.00	16.54	
Old Brahmaputra	RMOB9	04-Jun-96	38	1447.00	14.87	
Old Brahmaputra	RMOB9	04-Jun-96	39	1477.00	15.48	
Old Brahmaputra	RMOB9	04-Jun-96	40	1537.00	15.55	
Old Brahmaputra	RMOB9	04-Jun-96	41	1597.00	14.94	
Old Brahmaputra	RMOB9	04-Jun-96	42	1657.00	14.55	
Old Brahmaputra	RMOB9	04-Jun-96	43	1717.00	14.29	LHB
Old Brahmaputra	RMOB9	04-Jun-96	44	1737.00	13.83	LWE Ch-2
Old Brahmaputra	RMOB9	04-Jun-96	45	1757.00	13.13	
Old Brahmaputra	RMOB9	04-Jun-96	46	1782.00	12.83	
Old Brahmaputra	RMOB9	04-Jun-96	47	1823.00	12.08	
Old Brahmaputra	RMOB9	04-Jun-96	48	1843.00	11.83	
Old Brahmaputra	RMOB9	04-Jun-96	49	1861.00	11.83	
Old Brahmaputra	RMOB9	04-Jun-96	50	1882.00	11.58	
Old Brahmaputra	RMOB9	04-Jun-96	51	1897.00	11.83	
Old Brahmaputra	RMOB9	04-Jun-96	52	1906.00	13.83	RWE Ch-2 dt. 5.6.96 Time: 1315 hrs.
Old Brahmaputra	RMOB9	04-Jun-96	53	1947.00	14.10	
Old Brahmaputra	RMOB9	04-Jun-96	54	1987.00	14.58	
Old Brahmaputra	RMOB9	04-Jun-96	55	2047.00	15.11	
Old Brahmaputra	RMOB9	04-Jun-96	56	2107.00	15.31	
Old Brahmaputra	RMOB9	04-Jun-96	57	2167.00	15.09	
Old Brahmaputra	RMOB9	04-Jun-96	58	2227.00	15.39	
Old Brahmaputra	RMOB9	04-Jun-96	59	2285.00	15.17	
Old Brahmaputra	RMOB9	04-Jun-96	60	2397.00	15.39	LHB
Old Brahmaputra	RMOB9	04-Jun-96	61	2397.00	14.19	
Old Brahmaputra	RMOB9	04-Jun-96	62	2437.00	13.82	LWE Ch-1
Old Brahmaputra	RMOB9	04-Jun-96	63	2457.00	13.32	
Old Brahmaputra	RMOB9	04-Jun-96	64	2477.00	13.02	
Old Brahmaputra	RMOB9	04-Jun-96	65	2487.00	12.92	

Old Brahmaputra	RMOB9	04-Jun-96	66	2502.00	12.82	
Old Brahmaputra	RMOB9	04-Jun-96	67	2517.00	12.50	
Old Brahmaputra	RMOB9	04-Jun-96	68	2527.00	12.32	
Old Brahmaputra	RMOB9	04-Jun-96	69	2547.00	12.32	
Old Brahmaputra	RMOB9	04-Jun-96	70	2562.00	11.82	
Old Brahmaputra	RMOB9	04-Jun-96	71	2570.00	13.82	RWE Ch-1 dt. 4.6.96 Time: 1100 hrs.
Old Brahmaputra	RMOB9	04-Jun-96	72	2574.00	14.76	
Old Brahmaputra	RMOB9	04-Jun-96	73	2577.00	16.40	RB
Old Brahmaputra	RMOB9	04-Jun-96	74	2630.00	16.25	
Old Brahmaputra	RMOB9	04-Jun-96	75	2690.00	15.91	
Old Brahmaputra	RMOB9	04-Jun-96	76	2695.00	16.03	RHB
Old Brahmaputra	RMOB9	04-Jun-96	77	2710.00	17.74	Top of P/2 at RB
Old Brahmaputra	RMOB9	04-Jun-96	78	2710.00	17.40	GL of P/2 at RB
Old Brahmaputra	RMOB9	04-Jun-96	79	2733.00	17.42	Toe of pucca Road
Old Brahmaputra	RMOB9	04-Jun-96	80	2735.00	18.31	Crest of pucca Road
Old Brahmaputra	RMOB9	04-Jun-96	81	2744.00	18.31	Crest of pucca Road
Old Brahmaputra	RMOB9	04-Jun-96	82	2746.00	17.98	Top of pucca Road
Old Brahmaputra	RMOB9	04-Jun-96	83	2810.00	18.05	GL of wooden peg P/1 at RB
Old Brahmaputra	RMOB9	04-Jun-96	84	2810.00	18.17	Top of wooden peg P/1 at RB
Old Brahmaputra	RMOB9	21-Nov-97	1	0.00	16.79	Top of P/3 at LB
Old Brahmaputra	RMOB9	21-Nov-97	2	0.00	16.56	GL of P/3 at LB
Old Brahmaputra	RMOB9	21-Nov-97	3	10.00	14.88	
Old Brahmaputra	RMOB9	21-Nov-97	4	70.00	14.67	
Old Brahmaputra	RMOB9	21-Nov-97	5	130.00	14.11	
Old Brahmaputra	RMOB9	21-Nov-97	6	130.00	14.11	
Old Brahmaputra	RMOB9	21-Nov-97	7	190.00	14.53	
Old Brahmaputra	RMOB9	21-Nov-97	8	250.00	14.68	
Old Brahmaputra	RMOB9	21-Nov-97	9	290.00	14.72	
Old Brahmaputra	RMOB9	21-Nov-97	10	350.00	14.91	
Old Brahmaputra	RMOB9	21-Nov-97	11	410.00	14.98	
Old Brahmaputra	RMOB9	21-Nov-97	12	470.00	15.22	
Old Brahmaputra	RMOB9	21-Nov-97	13	490.00	15.53	
Old Brahmaputra	RMOB9	21-Nov-97	14	550.00	15.78	
Old Brahmaputra	RMOB9	21-Nov-97	15	610.00	15.75	
Old Brahmaputra	RMOB9	21-Nov-97	16	670.00	15.13	
Old Brahmaputra	RMOB9	21-Nov-97	17	730.00	15.53	
Old Brahmaputra	RMOB9	21-Nov-97	18	790.00	15.52	
Old Brahmaputra	RMOB9	21-Nov-97	19	811.00	11.94	LWE
Old Brahmaputra	RMOB9	21-Nov-97	20	830.00	11.49	
Old Brahmaputra	RMOB9	21-Nov-97	21	850.00	11.44	
Old Brahmaputra	RMOB9	21-Nov-97	22	865.00	11.94	RWE
Old Brahmaputra	RMOB9	21-Nov-97	23	867.00	12.88	
Old Brahmaputra	RMOB9	21-Nov-97	24	870.00	14.98	
Old Brahmaputra	RMOB9	21-Nov-97	25	929.00	15.10	
Old Brahmaputra	RMOB9	21-Nov-97	26	989.00	15.28	

Old Brahmaputra	RMOB9	21-Nov-97	27	1033.00	15.87	
Old Brahmaputra	RMOB9	21-Nov-97	28	1043.00	18.21	
Old Brahmaputra	RMOB9	21-Nov-97	29	1049.00	18.21	
Old Brahmaputra	RMOB9	21-Nov-97	30	1069.00	16.38	
Old Brahmaputra	RMOB9	21-Nov-97	31	1100.00	16.36	
Old Brahmaputra	RMOB9	21-Nov-97	32	1160.00	16.30	
Old Brahmaputra	RMOB9	21-Nov-97	33	1165.00	16.22	
Old Brahmaputra	RMOB9	21-Nov-97	34	1224.00	15.88	
Old Brahmaputra	RMOB9	21-Nov-97	35	1284.00	16.52	
Old Brahmaputra	RMOB9	21-Nov-97	36	1344.00	16.50	
Old Brahmaputra	RMOB9	21-Nov-97	37	1410.00	16.32	
Old Brahmaputra	RMOB9	21-Nov-97	38	1464.00	14.98	
Old Brahmaputra	RMOB9	21-Nov-97	39	1474.00	15.51	
Old Brahmaputra	RMOB9	21-Nov-97	40	1534.00	15.62	
Old Brahmaputra	RMOB9	21-Nov-97	41	1594.00	14.99	
Old Brahmaputra	RMOB9	21-Nov-97	42	1654.00	14.90	
Old Brahmaputra	RMOB9	21-Nov-97	43	1714.00	14.64	
Old Brahmaputra	RMOB9	21-Nov-97	44	1729.00	11.88	LWE
Old Brahmaputra	RMOB9	21-Nov-97	45	1743.00	11.43	
Old Brahmaputra	RMOB9	21-Nov-97	46	1766.00	11.13	
Old Brahmaputra	RMOB9	21-Nov-97	47	1792.00	10.38	
Old Brahmaputra	RMOB9	21-Nov-97	48	1805.00	10.43	
Old Brahmaputra	RMOB9	21-Nov-97	49	1812.00	10.88	
Old Brahmaputra	RMOB9	21-Nov-97	50	1818.00	11.88	RWE
Old Brahmaputra	RMOB9	21-Nov-97	51	1834.00	12.30	
Old Brahmaputra	RMOB9	21-Nov-97	52	1844.00	12.55	
Old Brahmaputra	RMOB9	21-Nov-97	53	1904.00	12.67	
Old Brahmaputra	RMOB9	21-Nov-97	54	1964.00	12.98	
Old Brahmaputra	RMOB9	21-Nov-97	55	2024.00	13.70	
Old Brahmaputra	RMOB9	21-Nov-97	56	2084.00	14.38	
Old Brahmaputra	RMOB9	21-Nov-97	57	2104.00	15.63	
Old Brahmaputra	RMOB9	21-Nov-97	58	2164.00	15.41	
Old Brahmaputra	RMOB9	21-Nov-97	59	2224.00	15.50	
Old Brahmaputra	RMOB9	21-Nov-97	60	2284.00	15.52	
Old Brahmaputra	RMOB9	21-Nov-97	61	2344.00	14.83	
Old Brahmaputra	RMOB9	21-Nov-97	62	2364.00	13.63	
Old Brahmaputra	RMOB9	21-Nov-97	63	2424.00	13.40	
Old Brahmaputra	RMOB9	21-Nov-97	64	2484.00	12.91	
Old Brahmaputra	RMOB9	21-Nov-97	65	2494.00	11.88	
Old Brahmaputra	RMOB9	21-Nov-97	66	2510.00	11.63	
Old Brahmaputra	RMOB9	21-Nov-97	67	2527.00	11.38	
Old Brahmaputra	RMOB9	21-Nov-97	68	2549.00	10.88	LWE
Old Brahmaputra	RMOB9	21-Nov-97	69	2566.00	10.31	
Old Brahmaputra	RMOB9	21-Nov-97	70	2571.00	10.88	
Old Brahmaputra	RMOB9	21-Nov-97	71	2578.00	11.88	RWE
Old Brahmaputra	RMOB9	21-Nov-97	72	2581.00	14.13	
Old Brahmaputra	RMOB9	21-Nov-97	73	2586.00	16.19	
Old Brahmaputra	RMOB9	21-Nov-97	74	2630.00	16.20	
Old Brahmaputra	RMOB9	21-Nov-97	75	2690.00	16.13	
Old Brahmaputra	RMOB9	21-Nov-97	76	2710.00	17.74	Top of P/2 at RB

Old Brahmaputra	RMOB9	21-Nov-97	77	2710.00	17.38	GL of P/2 at RB
Old Brahmaputra	RMOB9	21-Nov-97	78	2733.00	17.50	
Old Brahmaputra	RMOB9	21-Nov-97	79	2735.00	18.30	
Old Brahmaputra	RMOB9	21-Nov-97	80	2744.00	18.30	
Old Brahmaputra	RMOB9	21-Nov-97	81	2746.00	17.97	
Old Brahmaputra	RMOB9	21-Nov-97	82	2810.00	18.04	GL of P/1 at RB
Old Brahmaputra	RMOB9	21-Nov-97	83	2810.00	18.19	Top of P/1 at RB
Old Brahmaputra	RMOB9	24-Nov-99	1	0.00	16.79	Top of P/3 at LB
Old Brahmaputra	RMOB9	24-Nov-99	2	0.00	16.42	GL of P/3 at LB
Old Brahmaputra	RMOB9	24-Nov-99	3	25.00	14.87	
Old Brahmaputra	RMOB9	24-Nov-99	4	55.00	14.65	
Old Brahmaputra	RMOB9	24-Nov-99	5	115.00	14.14	
Old Brahmaputra	RMOB9	24-Nov-99	6	175.00	14.56	
Old Brahmaputra	RMOB9	24-Nov-99	7	235.00	14.65	
Old Brahmaputra	RMOB9	24-Nov-99	8	284.00	14.78	
Old Brahmaputra	RMOB9	24-Nov-99	9	344.00	14.92	
Old Brahmaputra	RMOB9	24-Nov-99	10	404.00	15.01	
Old Brahmaputra	RMOB9	24-Nov-99	11	464.00	15.25	
Old Brahmaputra	RMOB9	24-Nov-99	12	524.00	15.69	
Old Brahmaputra	RMOB9	24-Nov-99	13	584.00	15.76	
Old Brahmaputra	RMOB9	24-Nov-99	14	644.00	15.28	
Old Brahmaputra	RMOB9	24-Nov-99	15	704.00	15.25	
Old Brahmaputra	RMOB9	24-Nov-99	16	734.00	15.54	
Old Brahmaputra	RMOB9	24-Nov-99	17	794.00	15.79	
Old Brahmaputra	RMOB9	24-Nov-99	18	802.00	14.23	Slope
Old Brahmaputra	RMOB9	24-Nov-99	19	812.00	12.25	LWE
Old Brahmaputra	RMOB9	24-Nov-99	20	820.00	11.87	
Old Brahmaputra	RMOB9	24-Nov-99	21	834.00	11.75	
Old Brahmaputra	RMOB9	24-Nov-99	22	850.00	11.85	
Old Brahmaputra	RMOB9	24-Nov-99	23	864.00	12.25	RWE dt. 25-11-99 Time: 1630 hrs.
Old Brahmaputra	RMOB9	24-Nov-99	24	868.00	15.00	
Old Brahmaputra	RMOB9	24-Nov-99	25	929.00	15.30	
Old Brahmaputra	RMOB9	24-Nov-99	26	989.00	15.20	
Old Brahmaputra	RMOB9	24-Nov-99	27	1034.00	16.01	Toe of Road
Old Brahmaputra	RMOB9	24-Nov-99	28	1043.00	18.20	Top of Road
Old Brahmaputra	RMOB9	24-Nov-99	29	1049.00	18.20	Top of Road
Old Brahmaputra	RMOB9	24-Nov-99	30	1069.00	16.32	Toe of Road
Old Brahmaputra	RMOB9	24-Nov-99	31	1105.00	16.38	
Old Brahmaputra	RMOB9	24-Nov-99	32	1162.00	16.28	
Old Brahmaputra	RMOB9	24-Nov-99	33	1222.00	15.86	
Old Brahmaputra	RMOB9	24-Nov-99	34	1282.00	16.51	
Old Brahmaputra	RMOB9	24-Nov-99	35	1342.00	16.52	
Old Brahmaputra	RMOB9	24-Nov-99	36	1402.00	16.35	
Old Brahmaputra	RMOB9	24-Nov-99	37	1460.00	14.95	
Old Brahmaputra	RMOB9	24-Nov-99	38	1502.00	15.50	
Old Brahmaputra	RMOB9	24-Nov-99	39	1562.00	15.38	
Old Brahmaputra	RMOB9	24-Nov-99	40	1622.00	14.89	
Old Brahmaputra	RMOB9	24-Nov-99	41	1682.00	14.69	LHB
Old Brahmaputra	RMOB9	24-Nov-99	42	1694.00	11.82	LWE

Old Brahmaputra	RMOB9	24-Nov-99	43	1710.00	11.32	
Old Brahmaputra	RMOB9	24-Nov-99	44	1724.00	10.82	
Old Brahmaputra	RMOB9	24-Nov-99	45	1740.00	10.22	
Old Brahmaputra	RMOB9	24-Nov-99	46	1755.00	10.92	
Old Brahmaputra	RMOB9	24-Nov-99	47	1770.00	11.07	
Old Brahmaputra	RMOB9	24-Nov-99	48	1780.00	11.92	
Old Brahmaputra	RMOB9	24-Nov-99	49	1781.00	11.82	RWE dt. 25-11-99 Time: 0930 hrs.
Old Brahmaputra	RMOB9	24-Nov-99	50	1803.00	12.30	
Old Brahmaputra	RMOB9	24-Nov-99	51	1825.00	12.33	
Old Brahmaputra	RMOB9	24-Nov-99	52	1885.00	12.52	
Old Brahmaputra	RMOB9	24-Nov-99	53	1945.00	12.61	
Old Brahmaputra	RMOB9	24-Nov-99	54	2005.00	12.98	
Old Brahmaputra	RMOB9	24-Nov-99	55	2069.00	14.17	Sugarcane field
Old Brahmaputra	RMOB9	24-Nov-99	56	2129.00	15.58	
Old Brahmaputra	RMOB9	24-Nov-99	57	2189.00	15.42	
Old Brahmaputra	RMOB9	24-Nov-99	58	2249.00	15.49	
Old Brahmaputra	RMOB9	24-Nov-99	59	2309.00	15.31	
Old Brahmaputra	RMOB9	24-Nov-99	60	2369.00	14.91	Low char
Old Brahmaputra	RMOB9	24-Nov-99	61	2375.00	14.84	
Old Brahmaputra	RMOB9	24-Nov-99	62	2435.00	13.64	
Old Brahmaputra	RMOB9	24-Nov-99	63	2495.00	12.19	LB
Old Brahmaputra	RMOB9	24-Nov-99	64	2523.00	11.84	LWE dt. 24-11-99 Time: 1545 hrs.
Old Brahmaputra	RMOB9	24-Nov-99	65	2538.00	11.34	
Old Brahmaputra	RMOB9	24-Nov-99	66	2555.00	11.09	
Old Brahmaputra	RMOB9	24-Nov-99	67	2568.00	10.34	
Old Brahmaputra	RMOB9	24-Nov-99	68	2583.00	11.84	RWE dt. 24-11-99 Time: 1545 hrs.
Old Brahmaputra	RMOB9	24-Nov-99	69	2589.00	14.23	Slope
Old Brahmaputra	RMOB9	24-Nov-99	70	2595.00	16.18	RB
Old Brahmaputra	RMOB9	24-Nov-99	71	2632.00	16.19	
Old Brahmaputra	RMOB9	24-Nov-99	72	2692.00	16.10	RHP
Old Brahmaputra	RMOB9	24-Nov-99	73	2710.00	17.74	Top of P/1 at RB
Old Brahmaputra	RMOB9	24-Nov-99	74	2710.00	17.38	GL of P/1 at RB
Old Brahmaputra	RMOB9	24-Nov-99	75	2733.00	17.53	Toe slope of passa road
Old Brahmaputra	RMOB9	24-Nov-99	76	2735.00	18.30	Top slope of passa road
Old Brahmaputra	RMOB9	24-Nov-99	77	2744.00	18.30	Top slope of passa road
Old Brahmaputra	RMOB9	24-Nov-99	78	2746.00	17.98	GL TB mon the NW condna at mosque slope of PU
Old Brahmaputra	RMOB9	24-Nov-99	79	2810.00	18.00	GL of wooden peg P/1 at RB
Old Brahmaputra	RMOB9	24-Nov-99	80	2810.00	18.19	Top of wooden peg P/1 at RB
Old Brahmaputra	RMOB9	12-Sep-01	1	0.00	16.56	Top of P/3 at LB (GL RL=16.41)

Old Brahmaputra	RMOB9	12-Sep-01	2	20.00	14.98	
Old Brahmaputra	RMOB9	12-Sep-01	3	54.00	14.58	
Old Brahmaputra	RMOB9	12-Sep-01	4	109.00	14.23	
Old Brahmaputra	RMOB9	12-Sep-01	5	164.00	14.46	
Old Brahmaputra	RMOB9	12-Sep-01	6	225.00	14.66	
Old Brahmaputra	RMOB9	12-Sep-01	7	284.00	14.75	
Old Brahmaputra	RMOB9	12-Sep-01	8	334.00	14.93	
Old Brahmaputra	RMOB9	12-Sep-01	9	384.00	14.99	
Old Brahmaputra	RMOB9	12-Sep-01	10	444.00	15.26	
Old Brahmaputra	RMOB9	12-Sep-01	11	504.00	15.52	
Old Brahmaputra	RMOB9	12-Sep-01	12	564.00	15.72	
Old Brahmaputra	RMOB9	12-Sep-01	13	624.00	15.38	
Old Brahmaputra	RMOB9	12-Sep-01	14	684.00	15.56	
Old Brahmaputra	RMOB9	12-Sep-01	15	744.00	15.51	
Old Brahmaputra	RMOB9	12-Sep-01	16	784.00	15.48	LB
Old Brahmaputra	RMOB9	12-Sep-01	17	804.00	11.81	LWE
Old Brahmaputra	RMOB9	12-Sep-01	18	814.00	11.51	
Old Brahmaputra	RMOB9	12-Sep-01	19	826.00	11.49	
Old Brahmaputra	RMOB9	12-Sep-01	20	838.00	11.31	
Old Brahmaputra	RMOB9	12-Sep-01	21	845.00	11.41	
Old Brahmaputra	RMOB9	12-Sep-01	22	854.00	11.81	RWE
Old Brahmaputra	RMOB9	12-Sep-01	23	860.00	13.08	RB
Old Brahmaputra	RMOB9	12-Sep-01	24	910.00	14.61	
Old Brahmaputra	RMOB9	12-Sep-01	25	960.00	15.11	
Old Brahmaputra	RMOB9	12-Sep-01	26	1015.00	15.92	Toe of Road
Old Brahmaputra	RMOB9	12-Sep-01	27	1019.00	18.19	Top edge of Road
Old Brahmaputra	RMOB9	12-Sep-01	28	1025.00	18.18	Top edge of Road
Old Brahmaputra	RMOB9	12-Sep-01	29	1040.00	16.32	Toe of Road
Old Brahmaputra	RMOB9	12-Sep-01	30	1100.00	16.26	
Old Brahmaputra	RMOB9	12-Sep-01	31	1160.00	16.08	
Old Brahmaputra	RMOB9	12-Sep-01	32	1220.00	15.95	
Old Brahmaputra	RMOB9	12-Sep-01	33	1280.00	16.48	
Old Brahmaputra	RMOB9	12-Sep-01	34	1340.00	16.30	
Old Brahmaputra	RMOB9	12-Sep-01	35	1395.00	15.96	
Old Brahmaputra	RMOB9	12-Sep-01	36	1455.00	15.48	
Old Brahmaputra	RMOB9	12-Sep-01	37	1515.00	15.17	
Old Brahmaputra	RMOB9	12-Sep-01	38	1575.00	14.92	
Old Brahmaputra	RMOB9	12-Sep-01	39	1635.00	14.71	
Old Brahmaputra	RMOB9	12-Sep-01	40	1650.00	14.61	
Old Brahmaputra	RMOB9	12-Sep-01	41	1665.00	14.53	LB
Old Brahmaputra	RMOB9	12-Sep-01	42	1673.00	11.69	LWE
Old Brahmaputra	RMOB9	12-Sep-01	43	1683.00	11.39	
Old Brahmaputra	RMOB9	12-Sep-01	44	1692.00	11.19	
Old Brahmaputra	RMOB9	12-Sep-01	45	1704.00	10.89	
Old Brahmaputra	RMOB9	12-Sep-01	46	1712.00	10.69	
Old Brahmaputra	RMOB9	12-Sep-01	47	1722.00	10.44	
Old Brahmaputra	RMOB9	12-Sep-01	48	1732.00	11.19	
Old Brahmaputra	RMOB9	12-Sep-01	49	1741.00	11.69	RWE dt. 09/12/2001 Time : 1435 hrs.
Old Brahmaputra	RMOB9	12-Sep-01	50	1751.00	11.82	Slope

Old Brahmaputra	RMOB9	12-Sep-01	51	1761.00	11.98	RB
Old Brahmaputra	RMOB9	12-Sep-01	52	1821.00	12.22	
Old Brahmaputra	RMOB9	12-Sep-01	53	1881.00	13.15	
Old Brahmaputra	RMOB9	12-Sep-01	54	1941.00	13.86	RHB
Old Brahmaputra	RMOB9	12-Sep-01	55	1995.00	14.11	
Old Brahmaputra	RMOB9	12-Sep-01	56	2050.00	14.62	
Old Brahmaputra	RMOB9	12-Sep-01	57	2110.00	15.02	
Old Brahmaputra	RMOB9	12-Sep-01	58	2170.00	15.38	
Old Brahmaputra	RMOB9	12-Sep-01	59	2230.00	15.42	
Old Brahmaputra	RMOB9	12-Sep-01	60	2281.00	15.52	
Old Brahmaputra	RMOB9	12-Sep-01	61	2331.00	15.33	
Old Brahmaputra	RMOB9	12-Sep-01	62	2381.00	15.60	
Old Brahmaputra	RMOB9	12-Sep-01	63	2431.00	15.07	
Old Brahmaputra	RMOB9	12-Sep-01	64	2476.00	14.15	
Old Brahmaputra	RMOB9	12-Sep-01	65	2520.00	13.61	
Old Brahmaputra	RMOB9	12-Sep-01	66	2555.00	13.21	LB
Old Brahmaputra	RMOB9	12-Sep-01	67	2566.00	11.68	LWE
Old Brahmaputra	RMOB9	12-Sep-01	68	2578.00	11.43	
Old Brahmaputra	RMOB9	12-Sep-01	69	2592.00	11.33	
Old Brahmaputra	RMOB9	12-Sep-01	70	2603.00	11.18	
Old Brahmaputra	RMOB9	12-Sep-01	71	2616.00	11.68	RWE
Old Brahmaputra	RMOB9	12-Sep-01	72	2621.00	14.01	Slope
Old Brahmaputra	RMOB9	12-Sep-01	73	2625.00	19.22	RHB
Old Brahmaputra	RMOB9	12-Sep-01	74	2635.00	16.22	
Old Brahmaputra	RMOB9	12-Sep-01	75	2695.00	16.65	
Old Brahmaputra	RMOB9	12-Sep-01	76	2710.00	17.74	Top of P/2 at RB (GL RL=17.41)
Old Brahmaputra	RMOB9	12-Sep-01	77	2733.00	17.52	
Old Brahmaputra	RMOB9	12-Sep-01	78	2735.00	18.30	
Old Brahmaputra	RMOB9	12-Sep-01	79	2744.00	18.30	
Old Brahmaputra	RMOB9	12-Sep-01	80	2746.00	17.99	
Old Brahmaputra	RMOB9	12-Sep-01	81	2780.00	17.98	
Old Brahmaputra	RMOB9	12-Sep-01	82	2810.00	18.18	Top of wooden peg P/1 at RB (GL RL=18.01)
Old Brahmaputra	RMOB9	12-Apr-05	1	0.00	18.18	Top of Wooden peg for pillar No-1 at R.B
Old Brahmaputra	RMOB9	12-Apr-05	2	0.00	18.01	G.L of Wooden peg for pillar No-1 at R.B
Old Brahmaputra	RMOB9	12-Apr-05	3	30.00	17.95	
Old Brahmaputra	RMOB9	12-Apr-05	4	64.00	17.99	
Old Brahmaputra	RMOB9	12-Apr-05	5	66.00	18.30	
Old Brahmaputra	RMOB9	12-Apr-05	6	75.00	18.31	
Old Brahmaputra	RMOB9	12-Apr-05	7	77.00	17.50	
Old Brahmaputra	RMOB9	12-Apr-05	8	100.00	17.74	Top of R.C.C No-2 at R.B
Old Brahmaputra	RMOB9	12-Apr-05	9	100.00	17.50	G.L of R.C.C No-2 at R.B

Old Brahmaputra	RMOB9	12-Apr-05	10	115.00	16.60	
Old Brahmaputra	RMOB9	12-Apr-05	11	175.00	16.20	
Old Brahmaputra	RMOB9	12-Apr-05	12	185.00	16.22	R.B of ch No-1
Old Brahmaputra	RMOB9	12-Apr-05	13	189.00	14.50	Slope
Old Brahmaputra	RMOB9	12-Apr-05	14	196.00	10.60	R.W.Edt :-12-04-05 time :-9:00 hrs
Old Brahmaputra	RMOB9	12-Apr-05	15	208.00	10.40	
Old Brahmaputra	RMOB9	12-Apr-05	16	218.00	10.30	
Old Brahmaputra	RMOB9	12-Apr-05	17	230.00	10.50	
Old Brahmaputra	RMOB9	12-Apr-05	18	243.00	10.60	L.W.E
Old Brahmaputra	RMOB9	12-Apr-05	19	255.00	13.31	L.B
Old Brahmaputra	RMOB9	12-Apr-05	20	291.00	13.62	
Old Brahmaputra	RMOB9	12-Apr-05	21	335.00	14.10	
Old Brahmaputra	RMOB9	12-Apr-05	22	379.00	15.10	
Old Brahmaputra	RMOB9	12-Apr-05	23	429.00	15.60	
Old Brahmaputra	RMOB9	12-Apr-05	24	479.00	15.33	
Old Brahmaputra	RMOB9	12-Apr-05	25	529.00	15.20	
Old Brahmaputra	RMOB9	12-Apr-05	26	580.00	15.40	
Old Brahmaputra	RMOB9	12-Apr-05	27	640.00	15.34	
Old Brahmaputra	RMOB9	12-Apr-05	28	700.00	15.20	
Old Brahmaputra	RMOB9	12-Apr-05	29	760.00	14.60	
Old Brahmaputra	RMOB9	12-Apr-05	30	815.00	14.15	
Old Brahmaputra	RMOB9	12-Apr-05	31	869.00	13.80	R.H.B
Old Brahmaputra	RMOB9	12-Apr-05	32	930.00	13.30	
Old Brahmaputra	RMOB9	12-Apr-05	33	989.00	12.20	
Old Brahmaputra	RMOB9	12-Apr-05	34	1049.00	12.02	R.B of ch No-1
Old Brahmaputra	RMOB9	12-Apr-05	35	1059.00	11.72	Slope
Old Brahmaputra	RMOB9	12-Apr-05	36	1070.00	10.60	R.W.Edt :-13-04-05 time :8:30 hrs
Old Brahmaputra	RMOB9	12-Apr-05	37	1075.00	10.40	
Old Brahmaputra	RMOB9	12-Apr-05	38	1088.00	10.30	
Old Brahmaputra	RMOB9	12-Apr-05	39	1030.00	10.00	
Old Brahmaputra	RMOB9	12-Apr-05	40	1105.00	9.60	
Old Brahmaputra	RMOB9	12-Apr-05	41	1120.00	10.10	
Old Brahmaputra	RMOB9	12-Apr-05	42	1127.00	10.20	
Old Brahmaputra	RMOB9	12-Apr-05	43	1135.00	10.60	L.W.E
Old Brahmaputra	RMOB9	12-Apr-05	44	1145.00	14.50	
Old Brahmaputra	RMOB9	12-Apr-05	45	1160.00	14.60	
Old Brahmaputra	RMOB9	12-Apr-05	46	1175.00	14.70	
Old Brahmaputra	RMOB9	12-Apr-05	47	1235.00	14.80	
Old Brahmaputra	RMOB9	12-Apr-05	48	1285.00	15.40	
Old Brahmaputra	RMOB9	12-Apr-05	49	1345.00	15.40	
Old Brahmaputra	RMOB9	12-Apr-05	50	1415.00	14.60	
Old Brahmaputra	RMOB9	12-Apr-05	51	1470.00	14.80	
Old Brahmaputra	RMOB9	12-Apr-05	52	1530.00	16.00	
Old Brahmaputra	RMOB9	12-Apr-05	53	1590.00	16.10	
Old Brahmaputra	RMOB9	12-Apr-05	54	1650.00	16.20	
Old Brahmaputra	RMOB9	12-Apr-05	55	1710.00	16.16	
Old Brahmaputra	RMOB9	12-Apr-05	56	1770.00	16.26	Toe of Road
Old Brahmaputra	RMOB9	12-Apr-05	57	1785.00	18.10	Top of Road

Old Brahmaputra	RMOB9	12-Apr-05	58	1791.00	18.12	Top of Road
Old Brahmaputra	RMOB9	12-Apr-05	59	1795.00	15.90	Toe of Road
Old Brahmaputra	RMOB9	12-Apr-05	60	1850.00	15.20	
Old Brahmaputra	RMOB9	12-Apr-05	61	1900.00	14.60	
Old Brahmaputra	RMOB9	12-Apr-05	62	1950.00	13.10	R.B of ch No-3
Old Brahmaputra	RMOB9	12-Apr-05	63	1955.00	10.61	R.W.Edt.:14-04-05 time:
Old Brahmaputra	RMOB9	12-Apr-05	64	1965.00	10.40	
Old Brahmaputra	RMOB9	12-Apr-05	65	1970.00	10.20	
Old Brahmaputra	RMOB9	12-Apr-05	66	1985.00	9.80	
Old Brahmaputra	RMOB9	12-Apr-05	67	1995.00	10.30	
Old Brahmaputra	RMOB9	12-Apr-05	68	2004.00	10.61	LW.E
Old Brahmaputra	RMOB9	12-Apr-05	69	2026.00	15.36	L.B
Old Brahmaputra	RMOB9	12-Apr-05	70	2066.00	15.50	
Old Brahmaputra	RMOB9	12-Apr-05	71	2125.00	15.51	
Old Brahmaputra	RMOB9	12-Apr-05	72	2185.00	15.40	
Old Brahmaputra	RMOB9	12-Apr-05	73	2245.00	15.70	
Old Brahmaputra	RMOB9	12-Apr-05	74	2306.00	15.50	
Old Brahmaputra	RMOB9	12-Apr-05	75	2365.00	15.21	
Old Brahmaputra	RMOB9	12-Apr-05	76	2426.00	15.00	
Old Brahmaputra	RMOB9	12-Apr-05	77	2475.00	14.92	
Old Brahmaputra	RMOB9	12-Apr-05	78	2526.00	14.71	
Old Brahmaputra	RMOB9	12-Apr-05	79	2585.00	14.66	
Old Brahmaputra	RMOB9	12-Apr-05	80	2645.00	14.41	
Old Brahmaputra	RMOB9	12-Apr-05	81	2702.00	14.30	
Old Brahmaputra	RMOB9	12-Apr-05	82	2756.00	14.56	
Old Brahmaputra	RMOB9	12-Apr-05	83	2790.00	14.90	
Old Brahmaputra	RMOB9	12-Apr-05	84	2710.00	16.40	G.L of R.C.C pillar No-2 at L.B
Old Brahmaputra	RMOB9	12-Apr-05	85	2710.00	16.56	Top of R.C.C pillar No- 2 at L.B
Old Brahmaputra	RMOB9	09-Jun-13	1	0.00	18.18	Top of R.C.C. pillar No.1 at R.B.
Old Brahmaputra	RMOB9	09-Jun-13	2	0.00	18.01	G.L. of R.C.C. pillar No.1 at R.B
Old Brahmaputra	RMOB9	09-Jun-13	3	30.00	18.00	
Old Brahmaputra	RMOB9	09-Jun-13	4	64.00	18.10	Toe of pacca Road
Old Brahmaputra	RMOB9	09-Jun-13	5	66.00	18.05	Top of Pacca Road
Old Brahmaputra	RMOB9	09-Jun-13	6	73.00	17.92	Top of Pacca Road
Old Brahmaputra	RMOB9	09-Jun-13	7	75.00	17.52	Toe of Pacca Road
Old Brahmaputra	RMOB9	09-Jun-13	8	100.00	17.50	G.L. of R.C.C. pillar No.2 at R.B
Old Brahmaputra	RMOB9	09-Jun-13	9	131.00	17.73	Top of R.C.C. pillar No.2 at R.B.
Old Brahmaputra	RMOB9	09-Jun-13	10	135.00	17.68	
Old Brahmaputra	RMOB9	09-Jun-13	11	143.00	15.20	
Old Brahmaputra	RMOB9	09-Jun-13	12	147.00	14.70	
Old Brahmaputra	RMOB9	09-Jun-13	13	148.00	14.00	
Old Brahmaputra	RMOB9	09-Jun-13	14	150.00	14.02	
Old Brahmaputra	RMOB9	09-Jun-13	15	182.00	13.92	R.B

Old Brahmaputra	RMOB9	09-Jun-13	16	200.00	13.98	
Old Brahmaputra	RMOB9	09-Jun-13	17	250.00	15.36	
Old Brahmaputra	RMOB9	09-Jun-13	18	300.00	15.81	
Old Brahmaputra	RMOB9	09-Jun-13	19	320.00	12.21	Dry Channal
Old Brahmaputra	RMOB9	09-Jun-13	20	340.00	12.08	
Old Brahmaputra	RMOB9	09-Jun-13	21	360.00	12.92	
Old Brahmaputra	RMOB9	09-Jun-13	22	365.00	12.98	
Old Brahmaputra	RMOB9	09-Jun-13	23	410.00	15.35	L.B
Old Brahmaputra	RMOB9	09-Jun-13	24	450.00	15.31	
Old Brahmaputra	RMOB9	09-Jun-13	25	500.00	15.52	
Old Brahmaputra	RMOB9	09-Jun-13	26	550.00	15.40	
Old Brahmaputra	RMOB9	09-Jun-13	27	600.00	15.30	
Old Brahmaputra	RMOB9	09-Jun-13	28	650.00	15.32	
Old Brahmaputra	RMOB9	09-Jun-13	29	700.00	13.18	
Old Brahmaputra	RMOB9	09-Jun-13	30	750.00	12.00	
Old Brahmaputra	RMOB9	09-Jun-13	31	800.00	13.10	
Old Brahmaputra	RMOB9	09-Jun-13	32	850.00	14.12	R.B
Old Brahmaputra	RMOB9	09-Jun-13	33	900.00	12.00	
Old Brahmaputra	RMOB9	09-Jun-13	34	940.00	12.10	
Old Brahmaputra	RMOB9	09-Jun-13	35	944.00	11.63	R.W.E of ch.no.1 on 9-6-13 at 11:00 hrs
Old Brahmaputra	RMOB9	09-Jun-13	36	950.00	11.13	
Old Brahmaputra	RMOB9	09-Jun-13	37	980.00	9.83	
Old Brahmaputra	RMOB9	09-Jun-13	38	1000.00	9.67	
Old Brahmaputra	RMOB9	09-Jun-13	39	1010.00	11.03	
Old Brahmaputra	RMOB9	09-Jun-13	40	1013.00	11.63	L.W.E
Old Brahmaputra	RMOB9	09-Jun-13	41	1030.00	13.00	
Old Brahmaputra	RMOB9	09-Jun-13	42	1090.00	13.21	
Old Brahmaputra	RMOB9	09-Jun-13	43	1130.00	14.30	L.B
Old Brahmaputra	RMOB9	09-Jun-13	44	1200.00	14.52	
Old Brahmaputra	RMOB9	09-Jun-13	45	1250.00	14.24	
Old Brahmaputra	RMOB9	09-Jun-13	46	1300.00	14.64	
Old Brahmaputra	RMOB9	09-Jun-13	47	1350.00	14.51	
Old Brahmaputra	RMOB9	09-Jun-13	48	1400.00	14.52	
Old Brahmaputra	RMOB9	09-Jun-13	49	1450.00	15.00	
Old Brahmaputra	RMOB9	09-Jun-13	50	1500.00	15.39	
Old Brahmaputra	RMOB9	09-Jun-13	51	1550.00	15.40	
Old Brahmaputra	RMOB9	09-Jun-13	52	1600.00	15.21	
Old Brahmaputra	RMOB9	09-Jun-13	53	1650.00	15.35	
Old Brahmaputra	RMOB9	09-Jun-13	54	1700.00	16.30	
Old Brahmaputra	RMOB9	09-Jun-13	55	1770.00	16.34	Toe of Road
Old Brahmaputra	RMOB9	09-Jun-13	56	1777.00	18.16	Top of Road
Old Brahmaputra	RMOB9	09-Jun-13	57	1782.00	18.20	Top of Road
Old Brahmaputra	RMOB9	09-Jun-13	58	1788.00	15.88	Toe of Road
Old Brahmaputra	RMOB9	09-Jun-13	59	1830.00	15.20	
Old Brahmaputra	RMOB9	09-Jun-13	60	1900.00	15.60	
Old Brahmaputra	RMOB9	09-Jun-13	61	1950.00	15.70	
Old Brahmaputra	RMOB9	09-Jun-13	62	2000.00	15.60	
Old Brahmaputra	RMOB9	09-Jun-13	63	2050.00	15.30	
Old Brahmaputra	RMOB9	09-Jun-13	64	2100.00	15.10	

Old Brahmaputra	RMOB9	09-Jun-13	65	2150.00	15.05	
Old Brahmaputra	RMOB9	09-Jun-13	66	2200.00	15.38	
Old Brahmaputra	RMOB9	09-Jun-13	67	2250.00	15.52	
Old Brahmaputra	RMOB9	09-Jun-13	68	2300.00	15.50	
Old Brahmaputra	RMOB9	09-Jun-13	69	2350.00	15.25	
Old Brahmaputra	RMOB9	09-Jun-13	70	2400.00	15.32	
Old Brahmaputra	RMOB9	09-Jun-13	71	2450.00	15.00	
Old Brahmaputra	RMOB9	09-Jun-13	72	2500.00	14.62	
Old Brahmaputra	RMOB9	09-Jun-13	73	2550.00	14.58	
Old Brahmaputra	RMOB9	09-Jun-13	74	2600.00	14.50	
Old Brahmaputra	RMOB9	09-Jun-13	75	2650.00	14.58	
Old Brahmaputra	RMOB9	09-Jun-13	76	2700.00	14.92	
Old Brahmaputra	RMOB9	09-Jun-13	77	2750.00	15.00	
Old Brahmaputra	RMOB9	09-Jun-13	78	2790.00	16.40	G.L of RCC pillar no.3 at L.B
Old Brahmaputra	RMOB9	09-Jun-13	79	2790.00	16.56	Top of RCC pillar no.3 at L.B
Old Brahmaputra	RMOB9	09-Apr-15	1	0.00	18.18	Top of R.C.C. Pillar No.1 at R.B.
Old Brahmaputra	RMOB9	09-Apr-15	2	0.00	18.01	G.L. of R.C.C. Pillar No.1 at R.B.
Old Brahmaputra	RMOB9	09-Apr-15	3	30.00	18.00	
Old Brahmaputra	RMOB9	09-Apr-15	4	64.00	18.47	Pacca road.
Old Brahmaputra	RMOB9	09-Apr-15	5	66.00	18.58	
Old Brahmaputra	RMOB9	09-Apr-15	6	73.00	18.60	
Old Brahmaputra	RMOB9	09-Apr-15	7	75.00	17.98	
Old Brahmaputra	RMOB9	09-Apr-15	8	100.00	17.70	G.L. of R.C.C. Pillar No.2 at R.B.
Old Brahmaputra	RMOB9	09-Apr-15	9	100.00	18.18	Top of R.C.C. Pillar No.2 at R.B.
Old Brahmaputra	RMOB9	09-Apr-15	10	131.00	17.64	
Old Brahmaputra	RMOB9	09-Apr-15	11	135.00	14.30	
Old Brahmaputra	RMOB9	09-Apr-15	12	143.00	14.29	
Old Brahmaputra	RMOB9	09-Apr-15	13	147.00	17.00	
Old Brahmaputra	RMOB9	09-Apr-15	14	160.00	15.96	
Old Brahmaputra	RMOB9	09-Apr-15	15	210.00	15.39	
Old Brahmaputra	RMOB9	09-Apr-15	16	270.00	15.58	R.B.
Old Brahmaputra	RMOB9	09-Apr-15	17	275.00	10.69	R.W.E. of Chan. No.1. Dt.-09-04-2015.
Old Brahmaputra	RMOB9	09-Apr-15	18	280.00	10.39	
Old Brahmaputra	RMOB9	09-Apr-15	19	290.00	10.19	
Old Brahmaputra	RMOB9	09-Apr-15	20	300.00	9.69	
Old Brahmaputra	RMOB9	09-Apr-15	21	310.00	9.59	
Old Brahmaputra	RMOB9	09-Apr-15	22	320.00	9.59	
Old Brahmaputra	RMOB9	09-Apr-15	23	330.00	9.99	
Old Brahmaputra	RMOB9	09-Apr-15	24	340.00	10.69	L.W.E.
Old Brahmaputra	RMOB9	09-Apr-15	25	346.00	14.76	
Old Brahmaputra	RMOB9	09-Apr-15	26	400.00	14.98	
Old Brahmaputra	RMOB9	09-Apr-15	27	470.00	15.39	

Old Brahmaputra	RMOB9	09-Apr-15	28	530.00	15.31	
Old Brahmaputra	RMOB9	09-Apr-15	29	590.00	15.45	
Old Brahmaputra	RMOB9	09-Apr-15	30	650.00	15.32	
Old Brahmaputra	RMOB9	09-Apr-15	31	720.00	15.28	
Old Brahmaputra	RMOB9	09-Apr-15	32	790.00	14.85	
Old Brahmaputra	RMOB9	09-Apr-15	33	860.00	14.65	
Old Brahmaputra	RMOB9	09-Apr-15	34	930.00	14.20	
Old Brahmaputra	RMOB9	09-Apr-15	35	970.00	10.69	R.W.E. of Chan. No.2 Dt.-10-04-2015.
Old Brahmaputra	RMOB9	09-Apr-15	36	975.00	10.09	
Old Brahmaputra	RMOB9	09-Apr-15	37	980.00	9.69	
Old Brahmaputra	RMOB9	09-Apr-15	38	990.00	9.49	
Old Brahmaputra	RMOB9	09-Apr-15	39	1000.00	9.69	
Old Brahmaputra	RMOB9	09-Apr-15	40	1010.00	9.89	
Old Brahmaputra	RMOB9	09-Apr-15	41	1020.00	9.99	
Old Brahmaputra	RMOB9	09-Apr-15	42	1025.00	10.29	
Old Brahmaputra	RMOB9	09-Apr-15	43	1029.00	10.69	L.W.E.
Old Brahmaputra	RMOB9	09-Apr-15	44	1050.00	12.98	
Old Brahmaputra	RMOB9	09-Apr-15	45	1100.00	13.64	
Old Brahmaputra	RMOB9	09-Apr-15	46	1160.00	14.62	L.B.
Old Brahmaputra	RMOB9	09-Apr-15	47	1230.00	14.98	
Old Brahmaputra	RMOB9	09-Apr-15	48	1300.00	15.45	
Old Brahmaputra	RMOB9	09-Apr-15	49	1370.00	15.31	
Old Brahmaputra	RMOB9	09-Apr-15	50	1440.00	14.85	
Old Brahmaputra	RMOB9	09-Apr-15	51	1510.00	15.98	
Old Brahmaputra	RMOB9	09-Apr-15	52	1580.00	16.10	
Old Brahmaputra	RMOB9	09-Apr-15	53	1650.00	16.25	
Old Brahmaputra	RMOB9	09-Apr-15	54	1720.00	16.30	
Old Brahmaputra	RMOB9	09-Apr-15	55	1774.00	16.32	Village road.
Old Brahmaputra	RMOB9	09-Apr-15	56	1777.00	18.35	
Old Brahmaputra	RMOB9	09-Apr-15	57	1781.00	18.34	
Old Brahmaputra	RMOB9	09-Apr-15	58	1787.00	15.98	
Old Brahmaputra	RMOB9	09-Apr-15	59	1830.00	15.66	
Old Brahmaputra	RMOB9	09-Apr-15	60	1900.00	15.08	
Old Brahmaputra	RMOB9	09-Apr-15	61	2040.00	15.53	
Old Brahmaputra	RMOB9	09-Apr-15	62	2110.00	15.54	
Old Brahmaputra	RMOB9	09-Apr-15	63	2180.00	15.61	
Old Brahmaputra	RMOB9	09-Apr-15	64	2250.00	15.69	
Old Brahmaputra	RMOB9	09-Apr-15	65	2320.00	15.48	
Old Brahmaputra	RMOB9	09-Apr-15	66	2390.00	15.45	
Old Brahmaputra	RMOB9	09-Apr-15	67	2460.00	15.16	
Old Brahmaputra	RMOB9	09-Apr-15	68	2530.00	14.71	
Old Brahmaputra	RMOB9	09-Apr-15	69	2600.00	14.60	
Old Brahmaputra	RMOB9	09-Apr-15	70	2670.00	14.51	
Old Brahmaputra	RMOB9	09-Apr-15	71	2730.00	14.44	
Old Brahmaputra	RMOB9	09-Apr-15	72	2790.00	16.40	G.L. of R.C.C. Pillar No.3 at L.B.
Old Brahmaputra	RMOB9	09-Apr-15	73	2790.00	16.56	Top of R.C.C. Pillar No.3 at L.B.

RIVER_NAME	STATION_ID	Date	SLNO	DISTANCE	RL
Old Brahmaputra	RMOB10	21-Dec-66	1	0.00	14.67
Old Brahmaputra	RMOB10	21-Dec-66	2	75.91	14.52
Old Brahmaputra	RMOB10	21-Dec-66	3	143.29	14.83
Old Brahmaputra	RMOB10	21-Dec-66	4	204.27	14.42
Old Brahmaputra	RMOB10	21-Dec-66	5	265.24	16.80
Old Brahmaputra	RMOB10	21-Dec-66	6	319.82	15.63
Old Brahmaputra	RMOB10	21-Dec-66	7	380.79	15.63
Old Brahmaputra	RMOB10	21-Dec-66	8	438.41	15.87
Old Brahmaputra	RMOB10	21-Dec-66	9	439.63	13.94
Old Brahmaputra	RMOB10	21-Dec-66	10	456.10	11.80
Old Brahmaputra	RMOB10	21-Dec-66	11	472.26	11.50
Old Brahmaputra	RMOB10	21-Dec-66	12	507.93	11.20
Old Brahmaputra	RMOB10	21-Dec-66	13	594.82	12.11
Old Brahmaputra	RMOB10	21-Dec-66	14	647.56	12.72
Old Brahmaputra	RMOB10	21-Dec-66	15	695.43	13.33
Old Brahmaputra	RMOB10	21-Dec-66	16	718.29	13.94
Old Brahmaputra	RMOB10	21-Dec-66	17	757.32	15.02
Old Brahmaputra	RMOB10	21-Dec-66	18	789.94	15.32
Old Brahmaputra	RMOB10	21-Dec-66	19	833.84	15.72
Old Brahmaputra	RMOB10	21-Dec-66	20	899.09	15.67
Old Brahmaputra	RMOB10	21-Dec-66	21	945.12	15.56
Old Brahmaputra	RMOB10	21-Dec-66	22	990.55	15.50
Old Brahmaputra	RMOB10	21-Dec-66	23	1051.52	14.51
Old Brahmaputra	RMOB10	21-Dec-66	24	1101.83	14.75
Old Brahmaputra	RMOB10	21-Dec-66	25	1142.99	14.30
Old Brahmaputra	RMOB10	21-Dec-66	26	1198.48	15.30
Old Brahmaputra	RMOB10	21-Dec-66	27	1234.45	15.37
Old Brahmaputra	RMOB10	21-Dec-66	28	1274.09	14.77
Old Brahmaputra	RMOB10	21-Dec-66	29	1287.80	13.92
Old Brahmaputra	RMOB10	21-Dec-66	30	1306.40	9.65
Old Brahmaputra	RMOB10	21-Dec-66	31	1443.29	9.96
Old Brahmaputra	RMOB10	21-Dec-66	32	1479.27	10.57
Old Brahmaputra	RMOB10	21-Dec-66	33	1518.90	10.26
Old Brahmaputra	RMOB10	21-Dec-66	34	1528.96	13.46
Old Brahmaputra	RMOB10	21-Dec-66	35	1534.15	13.92
Old Brahmaputra	RMOB10	21-Dec-66	36	1565.24	15.22
Old Brahmaputra	RMOB10	21-Dec-66	37	1578.35	17.98
Old Brahmaputra	RMOB10	21-Dec-66	38	1621.65	17.23
Old Brahmaputra	RMOB10	21-Dec-66	39	1682.62	17.09
Old Brahmaputra	RMOB10	21-Dec-66	40	1743.60	16.95
Old Brahmaputra	RMOB10	21-Dec-66	41	1804.57	16.93
Old Brahmaputra	RMOB10	21-Dec-66	42	1865.55	16.91
Old Brahmaputra	RMOB10	21-Dec-66	43	1926.52	16.90
Old Brahmaputra	RMOB10	21-Dec-66	44	1987.50	16.89
Old Brahmaputra	RMOB10	21-Dec-66	45	2036.89	16.63
Old Brahmaputra	RMOB10	21-Dec-66	46	2057.62	16.78
Old Brahmaputra	RMOB10	08-Apr-73	1	0.00	14.69
Old Brahmaputra	RMOB10	08-Apr-73	2	126.83	15.33
Old Brahmaputra	RMOB10	08-Apr-73	3	157.32	15.48

Old Brahmaputra	RMOB10	08-Apr-73	4	187.80	16.79
Old Brahmaputra	RMOB10	08-Apr-73	5	218.29	16.79
Old Brahmaputra	RMOB10	08-Apr-73	6	248.78	15.24
Old Brahmaputra	RMOB10	08-Apr-73	7	262.80	15.71
Old Brahmaputra	RMOB10	08-Apr-73	8	324.70	15.78
Old Brahmaputra	RMOB10	08-Apr-73	9	385.67	15.84
Old Brahmaputra	RMOB10	08-Apr-73	10	446.65	14.53
Old Brahmaputra	RMOB10	08-Apr-73	11	507.62	15.31
Old Brahmaputra	RMOB10	08-Apr-73	12	568.60	14.82
Old Brahmaputra	RMOB10	08-Apr-73	13	601.22	12.55
Old Brahmaputra	RMOB10	08-Apr-73	14	604.27	11.19
Old Brahmaputra	RMOB10	08-Apr-73	15	614.63	10.89
Old Brahmaputra	RMOB10	08-Apr-73	16	630.18	10.58
Old Brahmaputra	RMOB10	08-Apr-73	17	645.12	10.28
Old Brahmaputra	RMOB10	08-Apr-73	18	650.61	9.97
Old Brahmaputra	RMOB10	08-Apr-73	19	661.89	10.58
Old Brahmaputra	RMOB10	08-Apr-73	20	675.61	10.89
Old Brahmaputra	RMOB10	08-Apr-73	21	680.49	11.19
Old Brahmaputra	RMOB10	08-Apr-73	22	680.49	12.71
Old Brahmaputra	RMOB10	08-Apr-73	23	710.98	15.25
Old Brahmaputra	RMOB10	08-Apr-73	24	747.26	15.39
Old Brahmaputra	RMOB10	08-Apr-73	25	808.23	15.88
Old Brahmaputra	RMOB10	08-Apr-73	26	838.72	15.51
Old Brahmaputra	RMOB10	08-Apr-73	27	869.21	15.35
Old Brahmaputra	RMOB10	08-Apr-73	28	930.18	14.92
Old Brahmaputra	RMOB10	08-Apr-73	29	991.16	14.50
Old Brahmaputra	RMOB10	08-Apr-73	30	1074.39	14.18
Old Brahmaputra	RMOB10	08-Apr-73	31	1135.37	14.50
Old Brahmaputra	RMOB10	08-Apr-73	32	1195.73	15.09
Old Brahmaputra	RMOB10	08-Apr-73	33	1257.32	14.88
Old Brahmaputra	RMOB10	08-Apr-73	34	1269.51	10.89
Old Brahmaputra	RMOB10	08-Apr-73	35	1342.38	10.58
Old Brahmaputra	RMOB10	08-Apr-73	36	1384.15	10.28
Old Brahmaputra	RMOB10	08-Apr-73	37	1408.23	10.13
Old Brahmaputra	RMOB10	08-Apr-73	38	1428.96	10.13
Old Brahmaputra	RMOB10	08-Apr-73	39	1460.37	9.97
Old Brahmaputra	RMOB10	08-Apr-73	40	1471.65	9.97
Old Brahmaputra	RMOB10	08-Apr-73	41	1485.37	9.97
Old Brahmaputra	RMOB10	08-Apr-73	42	1502.74	10.13
Old Brahmaputra	RMOB10	08-Apr-73	43	1512.20	10.58
Old Brahmaputra	RMOB10	08-Apr-73	44	1522.56	10.89
Old Brahmaputra	RMOB10	08-Apr-73	45	1537.80	15.69
Old Brahmaputra	RMOB10	08-Apr-73	46	1567.68	18.03
Old Brahmaputra	RMOB10	08-Apr-73	47	1629.27	17.30
Old Brahmaputra	RMOB10	08-Apr-73	48	1690.24	17.03
Old Brahmaputra	RMOB10	08-Apr-73	49	1751.22	17.18
Old Brahmaputra	RMOB10	08-Apr-73	50	1812.20	17.11
Old Brahmaputra	RMOB10	08-Apr-73	51	1865.55	16.90

Old Brahmaputra	RMOB10	08-Apr-73	52	1926.52	16.79
Old Brahmaputra	RMOB10	08-Apr-73	53	1987.50	16.89
Old Brahmaputra	RMOB10	08-Apr-73	54	1987.50	16.77
Old Brahmaputra	RMOB10	08-Apr-73	55	2037.20	16.63
Old Brahmaputra	RMOB10	08-Apr-73	56	2057.93	16.52
Old Brahmaputra	RMOB10	08-Apr-73	57	2057.93	16.78
Old Brahmaputra	RMOB10	30-Nov-76	1	0.00	14.82
Old Brahmaputra	RMOB10	30-Nov-76	2	0.00	14.96
Old Brahmaputra	RMOB10	30-Nov-76	3	31.40	14.75
Old Brahmaputra	RMOB10	30-Nov-76	4	92.38	14.70
Old Brahmaputra	RMOB10	30-Nov-76	5	153.35	14.61
Old Brahmaputra	RMOB10	30-Nov-76	6	214.33	14.44
Old Brahmaputra	RMOB10	30-Nov-76	7	275.30	16.81
Old Brahmaputra	RMOB10	30-Nov-76	8	314.94	16.05
Old Brahmaputra	RMOB10	30-Nov-76	9	375.91	15.99
Old Brahmaputra	RMOB10	30-Nov-76	10	436.89	15.91
Old Brahmaputra	RMOB10	30-Nov-76	11	497.87	15.52
Old Brahmaputra	RMOB10	30-Nov-76	12	528.35	15.78
Old Brahmaputra	RMOB10	30-Nov-76	13	534.45	13.84
Old Brahmaputra	RMOB10	30-Nov-76	14	540.55	11.33
Old Brahmaputra	RMOB10	30-Nov-76	15	558.54	10.11
Old Brahmaputra	RMOB10	30-Nov-76	16	577.13	7.67
Old Brahmaputra	RMOB10	30-Nov-76	17	583.54	6.45
Old Brahmaputra	RMOB10	30-Nov-76	18	593.90	6.45
Old Brahmaputra	RMOB10	30-Nov-76	19	607.62	7.67
Old Brahmaputra	RMOB10	30-Nov-76	20	616.16	8.89
Old Brahmaputra	RMOB10	30-Nov-76	21	626.52	11.33
Old Brahmaputra	RMOB10	30-Nov-76	22	641.16	12.92
Old Brahmaputra	RMOB10	30-Nov-76	23	671.65	13.54
Old Brahmaputra	RMOB10	30-Nov-76	24	702.13	12.09
Old Brahmaputra	RMOB10	30-Nov-76	25	717.38	12.30
Old Brahmaputra	RMOB10	30-Nov-76	26	732.62	15.88
Old Brahmaputra	RMOB10	30-Nov-76	27	793.60	15.74
Old Brahmaputra	RMOB10	30-Nov-76	28	854.57	15.46
Old Brahmaputra	RMOB10	30-Nov-76	29	915.55	14.93
Old Brahmaputra	RMOB10	30-Nov-76	30	976.52	14.81
Old Brahmaputra	RMOB10	30-Nov-76	31	1037.50	14.76
Old Brahmaputra	RMOB10	30-Nov-76	32	1112.20	14.88
Old Brahmaputra	RMOB10	30-Nov-76	33	1173.17	15.06
Old Brahmaputra	RMOB10	30-Nov-76	34	1203.66	15.35
Old Brahmaputra	RMOB10	30-Nov-76	35	1234.15	15.50
Old Brahmaputra	RMOB10	30-Nov-76	36	1264.33	13.91
Old Brahmaputra	RMOB10	30-Nov-76	37	1294.82	11.31
Old Brahmaputra	RMOB10	30-Nov-76	38	1300.00	11.16
Old Brahmaputra	RMOB10	30-Nov-76	39	1305.79	11.08
Old Brahmaputra	RMOB10	30-Nov-76	40	1316.46	11.01
Old Brahmaputra	RMOB10	30-Nov-76	41	1324.39	10.40
Old Brahmaputra	RMOB10	30-Nov-76	42	1330.49	10.40
Old Brahmaputra	RMOB10	30-Nov-76	43	1352.74	10.40
Old Brahmaputra	RMOB10	30-Nov-76	44	1367.99	10.40

Old Brahmaputra	RMOB10	30-Nov-76	45	1397.56	10.09
Old Brahmaputra	RMOB10	30-Nov-76	46	1417.99	10.40
Old Brahmaputra	RMOB10	30-Nov-76	47	1445.12	10.09
Old Brahmaputra	RMOB10	30-Nov-76	48	1484.45	9.79
Old Brahmaputra	RMOB10	30-Nov-76	49	1498.17	9.79
Old Brahmaputra	RMOB10	30-Nov-76	50	1525.00	10.09
Old Brahmaputra	RMOB10	30-Nov-76	51	1542.38	10.70
Old Brahmaputra	RMOB10	30-Nov-76	52	1554.27	11.31
Old Brahmaputra	RMOB10	30-Nov-76	53	1556.71	12.16
Old Brahmaputra	RMOB10	30-Nov-76	54	1562.80	15.44
Old Brahmaputra	RMOB10	30-Nov-76	55	1568.90	18.14
Old Brahmaputra	RMOB10	30-Nov-76	56	1571.34	18.08
Old Brahmaputra	RMOB10	30-Nov-76	57	1581.71	17.41
Old Brahmaputra	RMOB10	30-Nov-76	58	1636.59	17.29
Old Brahmaputra	RMOB10	30-Nov-76	59	1697.56	17.18
Old Brahmaputra	RMOB10	30-Nov-76	60	1752.74	16.92
Old Brahmaputra	RMOB10	30-Nov-76	61	1783.23	16.93
Old Brahmaputra	RMOB10	30-Nov-76	62	1844.21	16.93
Old Brahmaputra	RMOB10	30-Nov-76	63	1866.16	16.82
Old Brahmaputra	RMOB10	30-Nov-76	64	1896.65	16.78
Old Brahmaputra	RMOB10	30-Nov-76	65	1957.62	16.64
Old Brahmaputra	RMOB10	30-Nov-76	66	1988.11	16.89
Old Brahmaputra	RMOB10	30-Nov-76	67	1988.11	16.69
Old Brahmaputra	RMOB10	30-Nov-76	68	2038.11	16.64
Old Brahmaputra	RMOB10	30-Nov-76	69	2058.84	16.49
Old Brahmaputra	RMOB10	30-Nov-76	70	2058.84	16.78
Old Brahmaputra	RMOB10	22-Dec-77	1	0.00	14.92
Old Brahmaputra	RMOB10	22-Dec-77	2	0.00	14.82
Old Brahmaputra	RMOB10	22-Dec-77	3	31.71	14.90
Old Brahmaputra	RMOB10	22-Dec-77	4	92.68	14.62
Old Brahmaputra	RMOB10	22-Dec-77	5	153.66	14.06
Old Brahmaputra	RMOB10	22-Dec-77	6	229.57	14.51
Old Brahmaputra	RMOB10	22-Dec-77	7	233.23	16.72
Old Brahmaputra	RMOB10	22-Dec-77	8	235.98	16.72
Old Brahmaputra	RMOB10	22-Dec-77	9	239.63	15.52
Old Brahmaputra	RMOB10	22-Dec-77	10	303.96	15.75
Old Brahmaputra	RMOB10	22-Dec-77	11	364.94	17.63
Old Brahmaputra	RMOB10	22-Dec-77	12	425.91	17.55
Old Brahmaputra	RMOB10	22-Dec-77	13	495.73	13.41
Old Brahmaputra	RMOB10	22-Dec-77	14	535.98	11.47
Old Brahmaputra	RMOB10	22-Dec-77	15	566.46	11.41
Old Brahmaputra	RMOB10	22-Dec-77	16	596.95	12.00
Old Brahmaputra	RMOB10	22-Dec-77	17	627.44	12.70
Old Brahmaputra	RMOB10	22-Dec-77	18	657.93	13.42
Old Brahmaputra	RMOB10	22-Dec-77	19	694.51	14.17
Old Brahmaputra	RMOB10	22-Dec-77	20	709.76	12.65
Old Brahmaputra	RMOB10	22-Dec-77	21	718.90	15.44
Old Brahmaputra	RMOB10	22-Dec-77	22	779.88	15.72

Old Brahmaputra	RMOB10	22-Dec-77	23	840.85	15.44
Old Brahmaputra	RMOB10	22-Dec-77	24	871.34	15.41
Old Brahmaputra	RMOB10	22-Dec-77	25	885.06	15.41
Old Brahmaputra	RMOB10	22-Dec-77	26	900.30	15.77
Old Brahmaputra	RMOB10	22-Dec-77	27	901.83	15.77
Old Brahmaputra	RMOB10	22-Dec-77	28	962.80	15.04
Old Brahmaputra	RMOB10	22-Dec-77	29	1023.78	14.35
Old Brahmaputra	RMOB10	22-Dec-77	30	1115.24	14.69
Old Brahmaputra	RMOB10	22-Dec-77	31	1176.22	15.35
Old Brahmaputra	RMOB10	22-Dec-77	32	1223.48	16.03
Old Brahmaputra	RMOB10	22-Dec-77	33	1249.70	13.15
Old Brahmaputra	RMOB10	22-Dec-77	34	1310.67	12.06
Old Brahmaputra	RMOB10	22-Dec-77	35	1360.98	10.77
Old Brahmaputra	RMOB10	22-Dec-77	36	1363.41	10.16
Old Brahmaputra	RMOB10	22-Dec-77	37	1365.24	9.55
Old Brahmaputra	RMOB10	22-Dec-77	38	1371.65	8.33
Old Brahmaputra	RMOB10	22-Dec-77	39	1378.96	8.94
Old Brahmaputra	RMOB10	22-Dec-77	40	1390.85	8.94
Old Brahmaputra	RMOB10	22-Dec-77	41	1410.67	9.55
Old Brahmaputra	RMOB10	22-Dec-77	42	1418.90	9.55
Old Brahmaputra	RMOB10	22-Dec-77	43	1442.99	9.24
Old Brahmaputra	RMOB10	22-Dec-77	44	1478.05	10.16
Old Brahmaputra	RMOB10	22-Dec-77	45	1499.09	9.85
Old Brahmaputra	RMOB10	22-Dec-77	46	1529.57	10.46
Old Brahmaputra	RMOB10	22-Dec-77	47	1554.57	10.77
Old Brahmaputra	RMOB10	22-Dec-77	48	1565.24	17.89
Old Brahmaputra	RMOB10	22-Dec-77	49	1574.39	17.90
Old Brahmaputra	RMOB10	22-Dec-77	50	1575.91	17.29
Old Brahmaputra	RMOB10	22-Dec-77	51	1591.16	17.23
Old Brahmaputra	RMOB10	22-Dec-77	52	1621.65	17.14
Old Brahmaputra	RMOB10	22-Dec-77	53	1682.62	17.09
Old Brahmaputra	RMOB10	22-Dec-77	54	1743.60	16.92
Old Brahmaputra	RMOB10	22-Dec-77	55	1804.57	16.76
Old Brahmaputra	RMOB10	22-Dec-77	56	1865.55	16.63
Old Brahmaputra	RMOB10	22-Dec-77	57	1926.52	16.67
Old Brahmaputra	RMOB10	22-Dec-77	58	1987.50	16.89
Old Brahmaputra	RMOB10	22-Dec-77	59	1987.50	16.70
Old Brahmaputra	RMOB10	22-Dec-77	60	2037.20	16.62
Old Brahmaputra	RMOB10	22-Dec-77	61	2057.93	16.54
Old Brahmaputra	RMOB10	22-Dec-77	62	2057.93	16.78
Old Brahmaputra	RMOB10	19-Dec-79	1	0.00	14.94
Old Brahmaputra	RMOB10	19-Dec-79	2	0.00	14.87
Old Brahmaputra	RMOB10	19-Dec-79	3	67.68	14.89
Old Brahmaputra	RMOB10	19-Dec-79	4	127.13	14.78
Old Brahmaputra	RMOB10	19-Dec-79	5	188.11	14.71
Old Brahmaputra	RMOB10	19-Dec-79	6	239.94	14.41
Old Brahmaputra	RMOB10	19-Dec-79	7	249.09	14.35
Old Brahmaputra	RMOB10	19-Dec-79	8	264.33	14.52

Old Brahmaputra	RMOB10	19-Dec-79	9	279.57	16.88
Old Brahmaputra	RMOB10	19-Dec-79	10	310.67	15.69
Old Brahmaputra	RMOB10	19-Dec-79	11	341.16	15.81
Old Brahmaputra	RMOB10	19-Dec-79	12	371.65	15.90
Old Brahmaputra	RMOB10	19-Dec-79	13	433.54	15.91
Old Brahmaputra	RMOB10	19-Dec-79	14	493.60	15.91
Old Brahmaputra	RMOB10	19-Dec-79	15	512.80	12.44
Old Brahmaputra	RMOB10	19-Dec-79	16	543.29	11.94
Old Brahmaputra	RMOB10	19-Dec-79	17	573.78	13.29
Old Brahmaputra	RMOB10	19-Dec-79	18	604.27	13.39
Old Brahmaputra	RMOB10	19-Dec-79	19	634.76	14.00
Old Brahmaputra	RMOB10	19-Dec-79	20	665.24	13.94
Old Brahmaputra	RMOB10	19-Dec-79	21	680.49	11.63
Old Brahmaputra	RMOB10	19-Dec-79	22	695.73	11.90
Old Brahmaputra	RMOB10	19-Dec-79	23	710.98	11.57
Old Brahmaputra	RMOB10	19-Dec-79	24	726.22	11.62
Old Brahmaputra	RMOB10	19-Dec-79	25	741.46	12.84
Old Brahmaputra	RMOB10	19-Dec-79	26	756.71	15.70
Old Brahmaputra	RMOB10	19-Dec-79	27	799.70	15.73
Old Brahmaputra	RMOB10	19-Dec-79	28	860.67	15.93
Old Brahmaputra	RMOB10	19-Dec-79	29	921.65	15.30
Old Brahmaputra	RMOB10	19-Dec-79	30	982.62	14.54
Old Brahmaputra	RMOB10	19-Dec-79	31	1043.60	14.23
Old Brahmaputra	RMOB10	19-Dec-79	32	1104.57	14.66
Old Brahmaputra	RMOB10	19-Dec-79	33	1165.55	14.76
Old Brahmaputra	RMOB10	19-Dec-79	34	1226.52	15.53
Old Brahmaputra	RMOB10	19-Dec-79	35	1257.01	13.97
Old Brahmaputra	RMOB10	19-Dec-79	36	1287.50	11.55
Old Brahmaputra	RMOB10	19-Dec-79	37	1303.96	10.85
Old Brahmaputra	RMOB10	19-Dec-79	38	1317.07	10.70
Old Brahmaputra	RMOB10	19-Dec-79	39	1331.71	10.55
Old Brahmaputra	RMOB10	19-Dec-79	40	1349.70	10.55
Old Brahmaputra	RMOB10	19-Dec-79	41	1382.93	10.55
Old Brahmaputra	RMOB10	19-Dec-79	42	1399.70	10.32
Old Brahmaputra	RMOB10	19-Dec-79	43	1420.43	10.32
Old Brahmaputra	RMOB10	19-Dec-79	44	1439.02	10.32
Old Brahmaputra	RMOB10	19-Dec-79	45	1455.79	10.32
Old Brahmaputra	RMOB10	19-Dec-79	46	1475.61	10.32
Old Brahmaputra	RMOB10	19-Dec-79	47	1485.98	10.24
Old Brahmaputra	RMOB10	19-Dec-79	48	1500.91	10.24
Old Brahmaputra	RMOB10	19-Dec-79	49	1517.99	9.94
Old Brahmaputra	RMOB10	19-Dec-79	50	1534.45	9.63
Old Brahmaputra	RMOB10	19-Dec-79	51	1549.39	9.63
Old Brahmaputra	RMOB10	19-Dec-79	52	1557.93	10.85
Old Brahmaputra	RMOB10	19-Dec-79	53	1564.94	11.87
Old Brahmaputra	RMOB10	19-Dec-79	54	1566.46	15.02
Old Brahmaputra	RMOB10	19-Dec-79	55	1570.73	18.00
Old Brahmaputra	RMOB10	19-Dec-79	56	1571.04	18.04
Old Brahmaputra	RMOB10	19-Dec-79	57	1575.61	17.62
Old Brahmaputra	RMOB10	19-Dec-79	58	1610.67	17.25

Old Brahmaputra	RMOB10	19-Dec-79	59	1671.65	17.15
Old Brahmaputra	RMOB10	19-Dec-79	60	1732.62	16.89
Old Brahmaputra	RMOB10	19-Dec-79	61	1793.60	16.92
Old Brahmaputra	RMOB10	19-Dec-79	62	1854.57	16.74
Old Brahmaputra	RMOB10	19-Dec-79	63	1927.13	16.62
Old Brahmaputra	RMOB10	19-Dec-79	64	1988.11	16.80
Old Brahmaputra	RMOB10	19-Dec-79	65	1988.11	16.58
Old Brahmaputra	RMOB10	19-Dec-79	66	2028.05	16.50
Old Brahmaputra	RMOB10	19-Dec-79	67	2058.54	16.47
Old Brahmaputra	RMOB10	19-Dec-79	68	2058.54	16.78
Old Brahmaputra	RMOB10	31-Oct-85	1	0.00	14.94
Old Brahmaputra	RMOB10	31-Oct-85	2	0.00	14.85
Old Brahmaputra	RMOB10	31-Oct-85	3	15.24	14.87
Old Brahmaputra	RMOB10	31-Oct-85	4	76.20	14.34
Old Brahmaputra	RMOB10	31-Oct-85	5	138.68	14.18
Old Brahmaputra	RMOB10	31-Oct-85	6	198.12	14.19
Old Brahmaputra	RMOB10	31-Oct-85	7	259.08	14.08
Old Brahmaputra	RMOB10	31-Oct-85	8	273.71	15.65
Old Brahmaputra	RMOB10	31-Oct-85	9	273.71	16.80
Old Brahmaputra	RMOB10	31-Oct-85	10	276.76	16.80
Old Brahmaputra	RMOB10	31-Oct-85	11	282.85	15.91
Old Brahmaputra	RMOB10	31-Oct-85	12	298.70	15.70
Old Brahmaputra	RMOB10	31-Oct-85	13	344.42	15.72
Old Brahmaputra	RMOB10	31-Oct-85	14	374.90	15.73
Old Brahmaputra	RMOB10	31-Oct-85	15	405.38	15.74
Old Brahmaputra	RMOB10	31-Oct-85	16	435.86	15.31
Old Brahmaputra	RMOB10	31-Oct-85	17	451.10	15.56
Old Brahmaputra	RMOB10	31-Oct-85	18	496.82	12.82
Old Brahmaputra	RMOB10	31-Oct-85	19	527.30	12.82
Old Brahmaputra	RMOB10	31-Oct-85	20	593.75	13.67
Old Brahmaputra	RMOB10	31-Oct-85	21	654.71	14.23
Old Brahmaputra	RMOB10	31-Oct-85	22	715.67	14.41
Old Brahmaputra	RMOB10	31-Oct-85	23	779.68	14.10
Old Brahmaputra	RMOB10	31-Oct-85	24	785.77	13.14
Old Brahmaputra	RMOB10	31-Oct-85	25	801.01	13.12
Old Brahmaputra	RMOB10	31-Oct-85	26	807.11	15.67
Old Brahmaputra	RMOB10	31-Oct-85	27	834.24	15.71
Old Brahmaputra	RMOB10	31-Oct-85	28	895.20	15.58
Old Brahmaputra	RMOB10	31-Oct-85	29	956.16	15.54
Old Brahmaputra	RMOB10	31-Oct-85	30	977.80	14.81
Old Brahmaputra	RMOB10	31-Oct-85	31	992.43	14.19
Old Brahmaputra	RMOB10	31-Oct-85	32	1022.91	14.44
Old Brahmaputra	RMOB10	31-Oct-85	33	1067.71	14.77
Old Brahmaputra	RMOB10	31-Oct-85	34	1128.67	16.15
Old Brahmaputra	RMOB10	31-Oct-85	35	1189.63	15.67
Old Brahmaputra	RMOB10	31-Oct-85	36	1232.31	15.48
Old Brahmaputra	RMOB10	31-Oct-85	37	1252.12	12.66
Old Brahmaputra	RMOB10	31-Oct-85	38	1265.83	11.68
Old Brahmaputra	RMOB10	31-Oct-85	39	1294.49	11.38
Old Brahmaputra	RMOB10	31-Oct-85	40	1323.44	11.07

Old Brahmaputra	RMOB10	31-Oct-85	41	1345.39	10.46
Old Brahmaputra	RMOB10	31-Oct-85	42	1364.59	10.16
Old Brahmaputra	RMOB10	31-Oct-85	43	1385.62	10.01
Old Brahmaputra	RMOB10	31-Oct-85	44	1411.22	9.24
Old Brahmaputra	RMOB10	31-Oct-85	45	1437.13	8.63
Old Brahmaputra	RMOB10	31-Oct-85	46	1466.70	8.63
Old Brahmaputra	RMOB10	31-Oct-85	47	1498.09	7.87
Old Brahmaputra	RMOB10	31-Oct-85	48	1531.92	8.63
Old Brahmaputra	RMOB10	31-Oct-85	49	1557.22	11.68
Old Brahmaputra	RMOB10	31-Oct-85	50	1566.98	15.17
Old Brahmaputra	RMOB10	31-Oct-85	51	1570.02	18.05
Old Brahmaputra	RMOB10	31-Oct-85	52	1573.07	18.05
Old Brahmaputra	RMOB10	31-Oct-85	53	1681.58	17.13
Old Brahmaputra	RMOB10	31-Oct-85	54	1989.12	16.79
Old Brahmaputra	RMOB10	31-Oct-85	55	1989.12	16.62
Old Brahmaputra	RMOB10	31-Oct-85	56	1998.88	16.50
Old Brahmaputra	RMOB10	31-Oct-85	57	2059.84	16.50
Old Brahmaputra	RMOB10	31-Oct-85	58	2059.84	16.78
Old Brahmaputra	RMOB10	21-Mar-87	1	0.00	14.84
Old Brahmaputra	RMOB10	21-Mar-87	2	67.97	14.84
Old Brahmaputra	RMOB10	21-Mar-87	3	67.97	14.22
Old Brahmaputra	RMOB10	21-Mar-87	4	128.93	14.21
Old Brahmaputra	RMOB10	21-Mar-87	5	220.37	14.08
Old Brahmaputra	RMOB10	21-Mar-87	6	250.85	15.65
Old Brahmaputra	RMOB10	21-Mar-87	7	256.95	16.78
Old Brahmaputra	RMOB10	21-Mar-87	8	259.38	16.76
Old Brahmaputra	RMOB10	21-Mar-87	9	321.87	15.63
Old Brahmaputra	RMOB10	21-Mar-87	10	382.83	15.81
Old Brahmaputra	RMOB10	21-Mar-87	11	413.31	15.59
Old Brahmaputra	RMOB10	21-Mar-87	12	443.79	15.75
Old Brahmaputra	RMOB10	21-Mar-87	13	443.79	15.75
Old Brahmaputra	RMOB10	21-Mar-87	14	526.08	13.03
Old Brahmaputra	RMOB10	21-Mar-87	15	587.04	13.04
Old Brahmaputra	RMOB10	21-Mar-87	16	648.00	14.18
Old Brahmaputra	RMOB10	21-Mar-87	17	708.96	14.55
Old Brahmaputra	RMOB10	21-Mar-87	18	769.92	14.51
Old Brahmaputra	RMOB10	21-Mar-87	19	776.02	13.57
Old Brahmaputra	RMOB10	21-Mar-87	20	791.26	13.48
Old Brahmaputra	RMOB10	21-Mar-87	21	800.40	15.70
Old Brahmaputra	RMOB10	21-Mar-87	22	862.89	15.33
Old Brahmaputra	RMOB10	21-Mar-87	23	900.38	15.51
Old Brahmaputra	RMOB10	21-Mar-87	24	991.82	14.38
Old Brahmaputra	RMOB10	21-Mar-87	25	1022.30	14.50
Old Brahmaputra	RMOB10	21-Mar-87	27	1052.78	14.89
Old Brahmaputra	RMOB10	21-Mar-87	28	1144.22	16.01
Old Brahmaputra	RMOB10	21-Mar-87	29	1205.18	14.52
Old Brahmaputra	RMOB10	21-Mar-87	30	1220.42	12.07
Old Brahmaputra	RMOB10	21-Mar-87	31	1281.38	11.15
Old Brahmaputra	RMOB10	21-Mar-87	34	1342.34	10.32
Old Brahmaputra	RMOB10	21-Mar-87	35	1396.90	10.01

Old Brahmaputra	RMOB10	21-Mar-87	36	1421.28	9.71
Old Brahmaputra	RMOB10	21-Mar-87	37	1436.83	9.25
Old Brahmaputra	RMOB10	21-Mar-87	38	1451.46	9.10
Old Brahmaputra	RMOB10	21-Mar-87	39	1467.31	2.70
Old Brahmaputra	RMOB10	21-Mar-87	40	1482.55	9.10
Old Brahmaputra	RMOB10	21-Mar-87	41	1496.26	8.49
Old Brahmaputra	RMOB10	21-Mar-87	42	1512.42	8.79
Old Brahmaputra	RMOB10	21-Mar-87	43	1528.27	7.88
Old Brahmaputra	RMOB10	21-Mar-87	44	1541.68	8.49
Old Brahmaputra	RMOB10	21-Mar-87	45	1556.92	10.32
Old Brahmaputra	RMOB10	21-Mar-87	46	1550.82	11.13
Old Brahmaputra	RMOB10	21-Mar-87	47	1564.84	15.04
Old Brahmaputra	RMOB10	21-Mar-87	49	1573.99	18.05
Old Brahmaputra	RMOB10	21-Mar-87	50	1581.30	18.05
Old Brahmaputra	RMOB10	21-Mar-87	51	1602.64	17.86
Old Brahmaputra	RMOB10	21-Mar-87	52	1642.26	17.66
Old Brahmaputra	RMOB10	21-Mar-87	53	1703.22	17.62
Old Brahmaputra	RMOB10	21-Mar-87	54	1989.12	17.63
Old Brahmaputra	RMOB10	21-Mar-87	55	1989.12	17.37
Old Brahmaputra	RMOB10	21-Mar-87	56	1989.12	16.79
Old Brahmaputra	RMOB10	21-Mar-87	57	2059.84	16.72
Old Brahmaputra	RMOB10	21-Mar-87	58	2059.84	16.50
Old Brahmaputra	RMOB10	21-Mar-87	59	2059.84	16.78
Old Brahmaputra	RMOB10	10-Nov-88	1	0.00	14.92
Old Brahmaputra	RMOB10	10-Nov-88	2	0.00	14.84
Old Brahmaputra	RMOB10	10-Nov-88	3	78.66	14.47
Old Brahmaputra	RMOB10	10-Nov-88	4	139.63	14.47
Old Brahmaputra	RMOB10	10-Nov-88	5	170.12	14.50
Old Brahmaputra	RMOB10	10-Nov-88	6	200.61	14.16
Old Brahmaputra	RMOB10	10-Nov-88	7	261.59	14.14
Old Brahmaputra	RMOB10	10-Nov-88	8	266.16	16.85
Old Brahmaputra	RMOB10	10-Nov-88	9	269.21	16.81
Old Brahmaputra	RMOB10	10-Nov-88	10	273.78	15.72
Old Brahmaputra	RMOB10	10-Nov-88	11	319.51	15.63
Old Brahmaputra	RMOB10	10-Nov-88	12	380.49	15.73
Old Brahmaputra	RMOB10	10-Nov-88	13	441.46	16.06
Old Brahmaputra	RMOB10	10-Nov-88	14	456.71	15.71
Old Brahmaputra	RMOB10	10-Nov-88	15	516.16	13.14
Old Brahmaputra	RMOB10	10-Nov-88	16	531.40	12.97
Old Brahmaputra	RMOB10	10-Nov-88	17	561.89	14.69
Old Brahmaputra	RMOB10	10-Nov-88	18	592.38	15.02
Old Brahmaputra	RMOB10	10-Nov-88	19	653.35	14.62
Old Brahmaputra	RMOB10	10-Nov-88	20	714.33	14.57
Old Brahmaputra	RMOB10	10-Nov-88	21	744.82	13.85
Old Brahmaputra	RMOB10	10-Nov-88	22	775.30	13.10
Old Brahmaputra	RMOB10	10-Nov-88	23	790.55	14.25
Old Brahmaputra	RMOB10	10-Nov-88	24	798.17	16.34

Old Brahmaputra	RMOB10	10-Nov-88	25	904.88	15.61
Old Brahmaputra	RMOB10	10-Nov-88	26	965.85	14.76
Old Brahmaputra	RMOB10	10-Nov-88	27	1015.24	14.54
Old Brahmaputra	RMOB10	10-Nov-88	28	1076.22	14.42
Old Brahmaputra	RMOB10	10-Nov-88	29	1137.20	14.19
Old Brahmaputra	RMOB10	10-Nov-88	30	1198.17	15.33
Old Brahmaputra	RMOB10	10-Nov-88	31	1222.56	16.23
Old Brahmaputra	RMOB10	10-Nov-88	32	1254.57	14.21
Old Brahmaputra	RMOB10	10-Nov-88	33	1286.28	11.29
Old Brahmaputra	RMOB10	10-Nov-88	34	1317.07	10.38
Old Brahmaputra	RMOB10	10-Nov-88	35	1350.00	10.38
Old Brahmaputra	RMOB10	10-Nov-88	36	1396.65	9.16
Old Brahmaputra	RMOB10	10-Nov-88	37	1442.07	8.85
Old Brahmaputra	RMOB10	10-Nov-88	38	1502.74	9.77
Old Brahmaputra	RMOB10	10-Nov-88	39	1533.84	9.16
Old Brahmaputra	RMOB10	10-Nov-88	40	1555.49	9.77
Old Brahmaputra	RMOB10	10-Nov-88	41	1561.59	11.29
Old Brahmaputra	RMOB10	10-Nov-88	42	1569.51	12.30
Old Brahmaputra	RMOB10	10-Nov-88	43	1572.56	15.46
Old Brahmaputra	RMOB10	10-Nov-88	44	1577.44	17.99
Old Brahmaputra	RMOB10	10-Nov-88	45	1581.10	17.94
Old Brahmaputra	RMOB10	10-Nov-88	46	1582.93	17.48
Old Brahmaputra	RMOB10	10-Nov-88	47	1681.40	17.15
Old Brahmaputra	RMOB10	10-Nov-88	48	1992.68	16.80
Old Brahmaputra	RMOB10	10-Nov-88	49	1992.68	16.54
Old Brahmaputra	RMOB10	10-Nov-88	50	2002.44	16.30
Old Brahmaputra	RMOB10	10-Nov-88	51	2063.41	16.44
Old Brahmaputra	RMOB10	10-Nov-88	52	2063.41	16.78
Old Brahmaputra	RMOB10	20-Jan-91	1	0.00	14.77
Old Brahmaputra	RMOB10	20-Jan-91	2	0.00	14.82
Old Brahmaputra	RMOB10	20-Jan-91	3	36.00	15.06
Old Brahmaputra	RMOB10	20-Jan-91	4	96.00	15.09
Old Brahmaputra	RMOB10	20-Jan-91	5	166.00	15.20
Old Brahmaputra	RMOB10	20-Jan-91	6	226.00	15.24
Old Brahmaputra	RMOB10	20-Jan-91	7	276.00	14.69
Old Brahmaputra	RMOB10	20-Jan-91	8	346.00	15.09
Old Brahmaputra	RMOB10	20-Jan-91	9	397.00	15.06
Old Brahmaputra	RMOB10	20-Jan-91	10	400.00	16.99
Old Brahmaputra	RMOB10	20-Jan-91	11	403.00	17.06
Old Brahmaputra	RMOB10	20-Jan-91	12	406.00	15.02
Old Brahmaputra	RMOB10	20-Jan-91	13	446.00	15.15
Old Brahmaputra	RMOB10	20-Jan-91	14	486.00	15.77
Old Brahmaputra	RMOB10	20-Jan-91	15	546.00	15.43
Old Brahmaputra	RMOB10	20-Jan-91	16	597.00	15.63
Old Brahmaputra	RMOB10	20-Jan-91	17	646.00	13.15
Old Brahmaputra	RMOB10	20-Jan-91	18	676.00	14.44
Old Brahmaputra	RMOB10	20-Jan-91	19	741.00	14.93
Old Brahmaputra	RMOB10	20-Jan-91	20	766.00	13.77

Old Brahmaputra	RMOB10	20-Jan-91	21	817.00	16.07
Old Brahmaputra	RMOB10	20-Jan-91	22	866.00	15.51
Old Brahmaputra	RMOB10	20-Jan-91	23	916.00	15.63
Old Brahmaputra	RMOB10	20-Jan-91	24	976.00	15.75
Old Brahmaputra	RMOB10	20-Jan-91	25	1046.00	15.38
Old Brahmaputra	RMOB10	20-Jan-91	26	1096.00	14.55
Old Brahmaputra	RMOB10	20-Jan-91	27	1156.00	14.84
Old Brahmaputra	RMOB10	20-Jan-91	28	1216.00	15.81
Old Brahmaputra	RMOB10	20-Jan-91	29	1236.00	14.52
Old Brahmaputra	RMOB10	20-Jan-91	30	1276.00	14.24
Old Brahmaputra	RMOB10	20-Jan-91	31	1303.00	13.90
Old Brahmaputra	RMOB10	20-Jan-91	32	1306.00	11.86
Old Brahmaputra	RMOB10	20-Jan-91	33	1373.00	10.52
Old Brahmaputra	RMOB10	20-Jan-91	34	1396.00	9.02
Old Brahmaputra	RMOB10	20-Jan-91	35	1420.00	8.02
Old Brahmaputra	RMOB10	20-Jan-91	36	1444.00	7.76
Old Brahmaputra	RMOB10	20-Jan-91	37	1468.00	7.76
Old Brahmaputra	RMOB10	20-Jan-91	38	1492.00	7.76
Old Brahmaputra	RMOB10	20-Jan-91	39	1516.00	7.51
Old Brahmaputra	RMOB10	20-Jan-91	40	1540.00	7.01
Old Brahmaputra	RMOB10	20-Jan-91	41	1565.00	10.52
Old Brahmaputra	RMOB10	20-Jan-91	42	1571.00	11.98
Old Brahmaputra	RMOB10	20-Jan-91	43	1576.00	15.61
Old Brahmaputra	RMOB10	20-Jan-91	44	1581.00	18.14
Old Brahmaputra	RMOB10	20-Jan-91	45	1667.00	18.00
Old Brahmaputra	RMOB10	20-Jan-91	46	1670.00	18.05
Old Brahmaputra	RMOB10	20-Jan-91	47	1671.00	17.92
Old Brahmaputra	RMOB10	20-Jan-91	48	1736.00	18.07
Old Brahmaputra	RMOB10	20-Jan-91	49	1796.00	17.81
Old Brahmaputra	RMOB10	20-Jan-91	50	1856.00	16.58
Old Brahmaputra	RMOB10	20-Jan-91	51	1886.00	16.35
Old Brahmaputra	RMOB10	20-Jan-91	52	1946.00	17.58
Old Brahmaputra	RMOB10	20-Jan-91	53	1995.27	16.52
Old Brahmaputra	RMOB10	20-Jan-91	54	1995.27	17.00
Old Brahmaputra	RMOB10	20-Jan-91	55	2016.00	16.30
Old Brahmaputra	RMOB10	20-Jan-91	56	2066.00	16.50
Old Brahmaputra	RMOB10	20-Jan-91	57	2066.00	16.78
Old Brahmaputra	RMOB10	08-Jun-94	1	0.00	15.61
Old Brahmaputra	RMOB10	08-Jun-94	2	0.00	15.37
Old Brahmaputra	RMOB10	08-Jun-94	3	46.00	15.07
Old Brahmaputra	RMOB10	08-Jun-94	4	106.00	15.13
Old Brahmaputra	RMOB10	08-Jun-94	5	166.00	15.26
Old Brahmaputra	RMOB10	08-Jun-94	6	226.00	15.27
Old Brahmaputra	RMOB10	08-Jun-94	7	295.00	14.75
Old Brahmaputra	RMOB10	08-Jun-94	8	345.00	15.10
Old Brahmaputra	RMOB10	08-Jun-94	9	395.00	15.12
Old Brahmaputra	RMOB10	08-Jun-94	10	399.00	17.00
Old Brahmaputra	RMOB10	08-Jun-94	11	403.00	17.06
Old Brahmaputra	RMOB10	08-Jun-94	12	408.00	15.10
Old Brahmaputra	RMOB10	08-Jun-94	13	446.00	15.21

Old Brahmaputra	RMOB10	08-Jun-94	14	496.00	15.73
Old Brahmaputra	RMOB10	08-Jun-94	15	546.00	15.48
Old Brahmaputra	RMOB10	08-Jun-94	16	596.00	15.62
Old Brahmaputra	RMOB10	08-Jun-94	17	656.00	13.28
Old Brahmaputra	RMOB10	08-Jun-94	18	716.00	14.53
Old Brahmaputra	RMOB10	08-Jun-94	19	766.00	13.98
Old Brahmaputra	RMOB10	08-Jun-94	20	816.00	16.10
Old Brahmaputra	RMOB10	08-Jun-94	21	864.00	15.52
Old Brahmaputra	RMOB10	08-Jun-94	22	914.00	15.65
Old Brahmaputra	RMOB10	08-Jun-94	23	964.00	15.74
Old Brahmaputra	RMOB10	08-Jun-94	24	1014.00	15.64
Old Brahmaputra	RMOB10	08-Jun-94	25	1064.00	15.28
Old Brahmaputra	RMOB10	08-Jun-94	26	1114.00	14.73
Old Brahmaputra	RMOB10	08-Jun-94	27	1164.00	14.92
Old Brahmaputra	RMOB10	08-Jun-94	28	1214.00	15.82
Old Brahmaputra	RMOB10	08-Jun-94	29	1262.00	14.26
Old Brahmaputra	RMOB10	08-Jun-94	30	1307.00	13.63
Old Brahmaputra	RMOB10	08-Jun-94	31	1366.00	13.16
Old Brahmaputra	RMOB10	08-Jun-94	32	1384.00	12.36
Old Brahmaputra	RMOB10	08-Jun-94	33	1404.00	11.46
Old Brahmaputra	RMOB10	08-Jun-94	34	1426.00	9.26
Old Brahmaputra	RMOB10	08-Jun-94	35	1448.00	8.16
Old Brahmaputra	RMOB10	08-Jun-94	36	1469.00	7.56
Old Brahmaputra	RMOB10	08-Jun-94	37	1486.00	7.16
Old Brahmaputra	RMOB10	08-Jun-94	38	1502.00	6.66
Old Brahmaputra	RMOB10	08-Jun-94	39	1527.00	9.66
Old Brahmaputra	RMOB10	08-Jun-94	40	1565.00	13.16
Old Brahmaputra	RMOB10	08-Jun-94	41	1581.00	18.15
Old Brahmaputra	RMOB10	08-Jun-94	42	1995.00	16.65
Old Brahmaputra	RMOB10	08-Jun-94	43	1995.00	16.80
Old Brahmaputra	RMOB10	08-Jun-94	44	2066.00	16.35
Old Brahmaputra	RMOB10	08-Jun-94	45	2066.00	16.78
Old Brahmaputra	RMOB10	06-Jun-96	1	0.00	15.72
Old Brahmaputra	RMOB10	06-Jun-96	2	0.00	15.46
Old Brahmaputra	RMOB10	06-Jun-96	3	73.00	15.27
Old Brahmaputra	RMOB10	06-Jun-96	4	133.00	15.18
Old Brahmaputra	RMOB10	06-Jun-96	5	193.00	15.23
Old Brahmaputra	RMOB10	06-Jun-96	6	253.00	15.36
Old Brahmaputra	RMOB10	06-Jun-96	7	373.00	14.86
Old Brahmaputra	RMOB10	06-Jun-96	8	433.00	15.22
Old Brahmaputra	RMOB10	06-Jun-96	9	493.00	15.23
Old Brahmaputra	RMOB10	06-Jun-96	10	497.00	17.10
Old Brahmaputra	RMOB10	06-Jun-96	11	501.00	17.10
Old Brahmaputra	RMOB10	06-Jun-96	12	506.00	15.22
Old Brahmaputra	RMOB10	06-Jun-96	13	539.00	15.32
Old Brahmaputra	RMOB10	06-Jun-96	14	599.00	15.81

Old Brahmaputra	RMOB10	06-Jun-96	15	659.00	15.57
Old Brahmaputra	RMOB10	06-Jun-96	16	719.00	13.44
Old Brahmaputra	RMOB10	06-Jun-96	17	779.00	14.51
Old Brahmaputra	RMOB10	06-Jun-96	18	839.00	14.00
Old Brahmaputra	RMOB10	06-Jun-96	19	899.00	16.21
Old Brahmaputra	RMOB10	06-Jun-96	20	959.00	15.69
Old Brahmaputra	RMOB10	06-Jun-96	21	1019.00	15.75
Old Brahmaputra	RMOB10	06-Jun-96	22	1079.00	15.02
Old Brahmaputra	RMOB10	06-Jun-96	23	1139.00	15.53
Old Brahmaputra	RMOB10	06-Jun-96	24	1309.00	15.99
Old Brahmaputra	RMOB10	06-Jun-96	25	1409.00	13.81
Old Brahmaputra	RMOB10	06-Jun-96	26	1469.00	12.98
Old Brahmaputra	RMOB10	06-Jun-96	27	1479.00	13.32
Old Brahmaputra	RMOB10	06-Jun-96	28	1487.00	12.57
Old Brahmaputra	RMOB10	06-Jun-96	29	1528.00	11.82
Old Brahmaputra	RMOB10	06-Jun-96	30	1555.00	10.32
Old Brahmaputra	RMOB10	06-Jun-96	31	1588.00	9.32
Old Brahmaputra	RMOB10	06-Jun-96	32	1602.00	8.82
Old Brahmaputra	RMOB10	06-Jun-96	33	1618.00	9.32
Old Brahmaputra	RMOB10	06-Jun-96	34	1625.00	9.32
Old Brahmaputra	RMOB10	06-Jun-96	35	1629.00	10.32
Old Brahmaputra	RMOB10	06-Jun-96	36	1635.00	11.82
Old Brahmaputra	RMOB10	06-Jun-96	37	1649.00	13.32
Old Brahmaputra	RMOB10	06-Jun-96	38	1654.00	13.52
Old Brahmaputra	RMOB10	06-Jun-96	39	1659.00	15.94
Old Brahmaputra	RMOB10	06-Jun-96	40	1669.00	17.64
Old Brahmaputra	RMOB10	06-Jun-96	41	1678.00	17.64
Old Brahmaputra	RMOB10	06-Jun-96	42	2093.00	16.80
Old Brahmaputra	RMOB10	06-Jun-96	43	2093.00	16.65
Old Brahmaputra	RMOB10	06-Jun-96	44	2137.00	16.11
Old Brahmaputra	RMOB10	06-Jun-96	45	2164.00	16.35
Old Brahmaputra	RMOB10	06-Jun-96	46	2164.00	16.78
Old Brahmaputra	RMOB10	21-Nov-97	1	0.00	15.68
Old Brahmaputra	RMOB10	21-Nov-97	2	0.00	15.43
Old Brahmaputra	RMOB10	21-Nov-97	3	11.00	15.02
Old Brahmaputra	RMOB10	21-Nov-97	4	71.00	15.19
Old Brahmaputra	RMOB10	21-Nov-97	5	131.00	15.26
Old Brahmaputra	RMOB10	21-Nov-97	6	191.00	15.36
Old Brahmaputra	RMOB10	21-Nov-97	7	251.00	15.38
Old Brahmaputra	RMOB10	21-Nov-97	8	261.00	15.35
Old Brahmaputra	RMOB10	21-Nov-97	9	321.00	15.31
Old Brahmaputra	RMOB10	21-Nov-97	10	381.00	14.87
Old Brahmaputra	RMOB10	21-Nov-97	11	441.00	15.20
Old Brahmaputra	RMOB10	21-Nov-97	12	493.00	15.21
Old Brahmaputra	RMOB10	21-Nov-97	13	497.00	17.06
Old Brahmaputra	RMOB10	21-Nov-97	14	501.00	17.06
Old Brahmaputra	RMOB10	21-Nov-97	15	506.00	15.33
Old Brahmaputra	RMOB10	21-Nov-97	16	524.00	15.39

Old Brahmaputra	RMOB10	21-Nov-97	17	584.00	15.63
Old Brahmaputra	RMOB10	21-Nov-97	18	644.00	15.37
Old Brahmaputra	RMOB10	21-Nov-97	19	704.00	13.75
Old Brahmaputra	RMOB10	21-Nov-97	20	764.00	14.79
Old Brahmaputra	RMOB10	21-Nov-97	21	824.00	14.66
Old Brahmaputra	RMOB10	21-Nov-97	22	884.00	15.22
Old Brahmaputra	RMOB10	21-Nov-97	23	944.00	15.49
Old Brahmaputra	RMOB10	21-Nov-97	24	1004.00	15.63
Old Brahmaputra	RMOB10	21-Nov-97	25	1064.00	15.72
Old Brahmaputra	RMOB10	21-Nov-97	26	1124.00	15.48
Old Brahmaputra	RMOB10	21-Nov-97	27	1314.00	15.32
Old Brahmaputra	RMOB10	21-Nov-97	28	1318.00	15.10
Old Brahmaputra	RMOB10	21-Nov-97	29	1378.00	14.78
Old Brahmaputra	RMOB10	21-Nov-97	30	1438.00	14.67
Old Brahmaputra	RMOB10	21-Nov-97	31	1498.00	14.12
Old Brahmaputra	RMOB10	21-Nov-97	32	1504.00	11.38
Old Brahmaputra	RMOB10	21-Nov-97	33	1547.00	10.88
Old Brahmaputra	RMOB10	21-Nov-97	34	1577.00	10.38
Old Brahmaputra	RMOB10	21-Nov-97	35	1611.00	9.38
Old Brahmaputra	RMOB10	21-Nov-97	36	1629.00	9.13
Old Brahmaputra	RMOB10	21-Nov-97	37	1640.00	10.38
Old Brahmaputra	RMOB10	21-Nov-97	38	1650.00	11.38
Old Brahmaputra	RMOB10	21-Nov-97	39	1652.00	14.67
Old Brahmaputra	RMOB10	21-Nov-97	40	1654.00	15.69
Old Brahmaputra	RMOB10	21-Nov-97	41	1669.00	17.73
Old Brahmaputra	RMOB10	21-Nov-97	42	1678.00	17.73
Old Brahmaputra	RMOB10	21-Nov-97	43	2093.00	16.80
Old Brahmaputra	RMOB10	21-Nov-97	44	2093.00	16.63
Old Brahmaputra	RMOB10	21-Nov-97	45	2104.00	16.21
Old Brahmaputra	RMOB10	21-Nov-97	46	2164.00	16.34
Old Brahmaputra	RMOB10	21-Nov-97	47	2164.00	16.78
Old Brahmaputra	RMOB10	23-Nov-99	1	0.00	15.68
Old Brahmaputra	RMOB10	23-Nov-99	2	0.00	15.44
Old Brahmaputra	RMOB10	23-Nov-99	3	26.00	15.07
Old Brahmaputra	RMOB10	23-Nov-99	4	86.00	15.18
Old Brahmaputra	RMOB10	23-Nov-99	5	146.00	15.29
Old Brahmaputra	RMOB10	23-Nov-99	6	201.00	15.37
Old Brahmaputra	RMOB10	23-Nov-99	7	261.00	15.40
Old Brahmaputra	RMOB10	23-Nov-99	8	321.00	15.30
Old Brahmaputra	RMOB10	23-Nov-99	9	381.00	14.88
Old Brahmaputra	RMOB10	23-Nov-99	10	441.00	15.21
Old Brahmaputra	RMOB10	23-Nov-99	11	493.00	15.20
Old Brahmaputra	RMOB10	23-Nov-99	12	497.00	17.05
Old Brahmaputra	RMOB10	23-Nov-99	13	501.00	17.05
Old Brahmaputra	RMOB10	23-Nov-99	14	506.00	15.37
Old Brahmaputra	RMOB10	23-Nov-99	15	541.00	15.45
Old Brahmaputra	RMOB10	23-Nov-99	16	601.00	15.59
Old Brahmaputra	RMOB10	23-Nov-99	17	661.00	15.21

Old Brahmaputra	RMOB10	23-Nov-99	18	691.00	13.78
Old Brahmaputra	RMOB10	23-Nov-99	19	751.00	14.37
Old Brahmaputra	RMOB10	23-Nov-99	20	811.00	14.71
Old Brahmaputra	RMOB10	23-Nov-99	21	871.00	15.24
Old Brahmaputra	RMOB10	23-Nov-99	22	931.00	15.51
Old Brahmaputra	RMOB10	23-Nov-99	23	991.00	15.58
Old Brahmaputra	RMOB10	23-Nov-99	24	1051.00	15.69
Old Brahmaputra	RMOB10	23-Nov-99	25	1111.00	15.48
Old Brahmaputra	RMOB10	23-Nov-99	26	1319.00	15.11
Old Brahmaputra	RMOB10	23-Nov-99	27	1374.00	14.76
Old Brahmaputra	RMOB10	23-Nov-99	28	1434.00	14.71
Old Brahmaputra	RMOB10	23-Nov-99	29	1494.00	13.70
Old Brahmaputra	RMOB10	23-Nov-99	30	1504.00	11.33
Old Brahmaputra	RMOB10	23-Nov-99	31	1529.00	10.83
Old Brahmaputra	RMOB10	23-Nov-99	32	1552.00	10.37
Old Brahmaputra	RMOB10	23-Nov-99	33	1577.00	9.83
Old Brahmaputra	RMOB10	23-Nov-99	34	1604.00	9.18
Old Brahmaputra	RMOB10	23-Nov-99	35	1630.00	10.23
Old Brahmaputra	RMOB10	23-Nov-99	36	1640.00	10.93
Old Brahmaputra	RMOB10	23-Nov-99	37	1646.00	11.33
Old Brahmaputra	RMOB10	23-Nov-99	38	1651.00	15.02
Old Brahmaputra	RMOB10	23-Nov-99	39	1654.00	15.69
Old Brahmaputra	RMOB10	23-Nov-99	40	1669.00	17.73
Old Brahmaputra	RMOB10	23-Nov-99	41	1679.00	17.73
Old Brahmaputra	RMOB10	23-Nov-99	42	2093.00	16.61
Old Brahmaputra	RMOB10	23-Nov-99	43	2104.00	16.20
Old Brahmaputra	RMOB10	23-Nov-99	44	2164.00	16.29
Old Brahmaputra	RMOB10	23-Nov-99	45	2164.00	16.79
Old Brahmaputra	RMOB10	12-Nov-01	1	0.00	15.70
Old Brahmaputra	RMOB10	12-Nov-01	2	44.00	15.11
Old Brahmaputra	RMOB10	12-Nov-01	3	89.00	15.16
Old Brahmaputra	RMOB10	12-Nov-01	4	133.00	15.22
Old Brahmaputra	RMOB10	12-Nov-01	5	189.00	15.29
Old Brahmaputra	RMOB10	12-Nov-01	6	249.00	15.38
Old Brahmaputra	RMOB10	12-Nov-01	7	309.00	15.31
Old Brahmaputra	RMOB10	12-Nov-01	8	369.00	15.06
Old Brahmaputra	RMOB10	12-Nov-01	9	429.00	14.93
Old Brahmaputra	RMOB10	12-Nov-01	10	485.00	15.14
Old Brahmaputra	RMOB10	12-Nov-01	11	487.00	17.02
Old Brahmaputra	RMOB10	12-Nov-01	12	491.00	17.02
Old Brahmaputra	RMOB10	12-Nov-01	13	494.00	16.21
Old Brahmaputra	RMOB10	12-Nov-01	14	544.00	15.36
Old Brahmaputra	RMOB10	12-Nov-01	15	594.00	15.46
Old Brahmaputra	RMOB10	12-Nov-01	16	646.00	14.72

Old Brahmaputra	RMOB10	12-Nov-01	17	706.00	13.98
Old Brahmaputra	RMOB10	12-Nov-01	18	765.00	14.51
Old Brahmaputra	RMOB10	12-Nov-01	19	822.00	14.96
Old Brahmaputra	RMOB10	12-Nov-01	20	882.00	15.31
Old Brahmaputra	RMOB10	12-Nov-01	21	937.00	15.52
Old Brahmaputra	RMOB10	12-Nov-01	22	992.00	15.59
Old Brahmaputra	RMOB10	12-Nov-01	23	1052.00	15.66
Old Brahmaputra	RMOB10	12-Nov-01	24	1107.00	15.52
Old Brahmaputra	RMOB10	12-Nov-01	25	1219.00	15.62
Old Brahmaputra	RMOB10	12-Nov-01	26	1269.00	15.41
Old Brahmaputra	RMOB10	12-Nov-01	27	1319.00	15.28
Old Brahmaputra	RMOB10	12-Nov-01	28	1369.00	15.00
Old Brahmaputra	RMOB10	12-Nov-01	29	1419.00	14.65
Old Brahmaputra	RMOB10	12-Nov-01	30	1464.00	14.53
Old Brahmaputra	RMOB10	12-Nov-01	31	1474.00	13.66
Old Brahmaputra	RMOB10	12-Nov-01	32	1484.00	11.17
Old Brahmaputra	RMOB10	12-Nov-01	33	1504.00	9.92
Old Brahmaputra	RMOB10	12-Nov-01	34	1525.00	8.87
Old Brahmaputra	RMOB10	12-Nov-01	35	1543.00	8.92
Old Brahmaputra	RMOB10	12-Nov-01	36	1564.00	8.92
Old Brahmaputra	RMOB10	12-Nov-01	37	1585.00	9.17
Old Brahmaputra	RMOB10	12-Nov-01	38	1604.00	8.67
Old Brahmaputra	RMOB10	12-Nov-01	39	1625.00	10.17
Old Brahmaputra	RMOB10	12-Nov-01	40	1644.00	11.17
Old Brahmaputra	RMOB10	12-Nov-01	41	1654.00	15.51
Old Brahmaputra	RMOB10	12-Nov-01	42	1669.00	17.73
Old Brahmaputra	RMOB10	12-Nov-01	43	1678.00	17.73
Old Brahmaputra	RMOB10	12-Nov-01	44	1818.00	17.65
Old Brahmaputra	RMOB10	12-Nov-01	45	1899.00	17.41
Old Brahmaputra	RMOB10	12-Nov-01	46	2058.00	16.93
Old Brahmaputra	RMOB10	12-Nov-01	47	2093.00	16.80
Old Brahmaputra	RMOB10	12-Nov-01	48	2104.00	16.22
Old Brahmaputra	RMOB10	12-Nov-01	49	2164.00	16.56
Old Brahmaputra	RMOB10	15-Apr-05	1	0.00	16.56
Old Brahmaputra	RMOB10	15-Apr-05	2	0.00	16.31
Old Brahmaputra	RMOB10	15-Apr-05	3	60.00	16.20
Old Brahmaputra	RMOB10	15-Apr-05	4	71.00	16.61
Old Brahmaputra	RMOB10	15-Apr-05	5	71.00	16.80
Old Brahmaputra	RMOB10	15-Apr-05	6	486.00	17.62
Old Brahmaputra	RMOB10	15-Apr-05	7	495.00	17.50

Old Brahmaputra	RMOB10	15-Apr-05	8	510.00	15.80
Old Brahmaputra	RMOB10	15-Apr-05	9	515.00	13.30
Old Brahmaputra	RMOB10	15-Apr-05	10	529.00	9.30
Old Brahmaputra	RMOB10	15-Apr-05	11	525.00	8.65
Old Brahmaputra	RMOB10	15-Apr-05	12	540.00	8.30
Old Brahmaputra	RMOB10	15-Apr-05	13	560.00	8.10
Old Brahmaputra	RMOB10	15-Apr-05	14	580.00	8.20
Old Brahmaputra	RMOB10	15-Apr-05	15	600.00	8.50
Old Brahmaputra	RMOB10	15-Apr-05	16	620.00	8.60
Old Brahmaputra	RMOB10	15-Apr-05	17	610.00	9.00
Old Brahmaputra	RMOB10	15-Apr-05	18	659.00	9.30
Old Brahmaputra	RMOB10	15-Apr-05	19	690.00	13.80
Old Brahmaputra	RMOB10	15-Apr-05	20	700.00	14.51
Old Brahmaputra	RMOB10	15-Apr-05	21	745.00	14.60
Old Brahmaputra	RMOB10	15-Apr-05	22	795.00	15.00
Old Brahmaputra	RMOB10	15-Apr-05	23	845.00	15.40
Old Brahmaputra	RMOB10	15-Apr-05	24	1058.00	15.50
Old Brahmaputra	RMOB10	15-Apr-05	25	1112.00	15.60
Old Brahmaputra	RMOB10	15-Apr-05	26	1172.00	15.51
Old Brahmaputra	RMOB10	15-Apr-05	27	1228.00	15.52
Old Brahmaputra	RMOB10	15-Apr-05	28	1281.00	15.31
Old Brahmaputra	RMOB10	15-Apr-05	29	1342.00	14.90
Old Brahmaputra	RMOB10	15-Apr-05	30	1398.00	14.50
Old Brahmaputra	RMOB10	15-Apr-05	31	1459.00	13.91
Old Brahmaputra	RMOB10	15-Apr-05	32	1518.00	14.60
Old Brahmaputra	RMOB10	15-Apr-05	33	1570.00	15.40
Old Brahmaputra	RMOB10	15-Apr-05	34	1620.00	15.31
Old Brahmaputra	RMOB10	15-Apr-05	35	1670.00	15.21
Old Brahmaputra	RMOB10	15-Apr-05	36	1673.00	17.10
Old Brahmaputra	RMOB10	15-Apr-05	37	1676.00	17.15
Old Brahmaputra	RMOB10	15-Apr-05	38	1679.00	15.90
Old Brahmaputra	RMOB10	15-Apr-05	39	1735.00	14.90
Old Brahmaputra	RMOB10	15-Apr-05	40	1793.00	15.10
Old Brahmaputra	RMOB10	15-Apr-05	41	1855.00	15.30
Old Brahmaputra	RMOB10	15-Apr-05	42	1915.00	15.36
Old Brahmaputra	RMOB10	15-Apr-05	43	1975.00	15.21
Old Brahmaputra	RMOB10	15-Apr-05	44	2030.00	15.22
Old Brahmaputra	RMOB10	15-Apr-05	45	2075.00	15.17
Old Brahmaputra	RMOB10	15-Apr-05	46	2120.00	15.11
Old Brahmaputra	RMOB10	15-Apr-05	47	2164.00	15.40
Old Brahmaputra	RMOB10	15-Apr-05	48	2164.00	15.70
Old Brahmaputra	RMOB10	06-Jun-13	1	0.00	16.56
Old Brahmaputra	RMOB10	06-Jun-13	2	0.00	16.30

Old Brahmaputra	RMOB10	06-Jun-13	3	30.00	16.40
Old Brahmaputra	RMOB10	06-Jun-13	4	60.00	15.30
Old Brahmaputra	RMOB10	06-Jun-13	5	71.00	16.80
Old Brahmaputra	RMOB10	06-Jun-13	6	71.00	16.60
Old Brahmaputra	RMOB10	06-Jun-13	7	130.00	16.40
Old Brahmaputra	RMOB10	06-Jun-13	8	200.00	16.51
Old Brahmaputra	RMOB10	06-Jun-13	9	253.00	16.60
Old Brahmaputra	RMOB10	06-Jun-13	10	280.00	16.51
Old Brahmaputra	RMOB10	06-Jun-13	11	305.00	17.10
Old Brahmaputra	RMOB10	06-Jun-13	12	485.00	17.59
Old Brahmaputra	RMOB10	06-Jun-13	13	493.00	17.60
Old Brahmaputra	RMOB10	06-Jun-13	14	498.00	15.85
Old Brahmaputra	RMOB10	06-Jun-13	15	508.00	11.30
Old Brahmaputra	RMOB10	06-Jun-13	16	523.00	7.51
Old Brahmaputra	RMOB10	06-Jun-13	17	540.00	7.00
Old Brahmaputra	RMOB10	06-Jun-13	18	555.00	6.40
Old Brahmaputra	RMOB10	06-Jun-13	19	561.00	6.53
Old Brahmaputra	RMOB10	06-Jun-13	20	571.00	6.50
Old Brahmaputra	RMOB10	06-Jun-13	21	575.00	6.40
Old Brahmaputra	RMOB10	06-Jun-13	22	582.00	6.60
Old Brahmaputra	RMOB10	06-Jun-13	23	606.00	7.00
Old Brahmaputra	RMOB10	06-Jun-13	24	620.00	7.10
Old Brahmaputra	RMOB10	06-Jun-13	25	630.00	7.00
Old Brahmaputra	RMOB10	06-Jun-13	26	635.00	8.50
Old Brahmaputra	RMOB10	06-Jun-13	27	640.00	9.20
Old Brahmaputra	RMOB10	06-Jun-13	28	650.00	11.30
Old Brahmaputra	RMOB10	06-Jun-13	29	680.00	12.10
Old Brahmaputra	RMOB10	06-Jun-13	30	690.00	14.98
Old Brahmaputra	RMOB10	06-Jun-13	31	750.00	15.00
Old Brahmaputra	RMOB10	06-Jun-13	32	780.00	15.08
Old Brahmaputra	RMOB10	06-Jun-13	33	800.00	14.00
Old Brahmaputra	RMOB10	06-Jun-13	34	840.00	14.31
Old Brahmaputra	RMOB10	06-Jun-13	35	880.00	15.60
Old Brahmaputra	RMOB10	06-Jun-13	36	920.00	15.40
Old Brahmaputra	RMOB10	06-Jun-13	37	960.00	15.61
Old Brahmaputra	RMOB10	06-Jun-13	38	1000.00	15.51
Old Brahmaputra	RMOB10	06-Jun-13	39	1040.00	15.30
Old Brahmaputra	RMOB10	06-Jun-13	40	1080.00	14.80
Old Brahmaputra	RMOB10	06-Jun-13	41	1100.00	15.60
Old Brahmaputra	RMOB10	06-Jun-13	42	1140.00	15.80
Old Brahmaputra	RMOB10	06-Jun-13	43	1180.00	15.51
Old Brahmaputra	RMOB10	06-Jun-13	44	1200.00	15.81
Old Brahmaputra	RMOB10	06-Jun-13	45	1240.00	15.43
Old Brahmaputra	RMOB10	06-Jun-13	46	1280.00	15.30
Old Brahmaputra	RMOB10	06-Jun-13	47	1320.00	15.00
Old Brahmaputra	RMOB10	06-Jun-13	48	1360.00	15.30

Old Brahmaputra	RMOB10	06-Jun-13	49	1400.00	14.31
Old Brahmaputra	RMOB10	06-Jun-13	50	1440.00	14.50
Old Brahmaputra	RMOB10	06-Jun-13	51	1500.00	14.80
Old Brahmaputra	RMOB10	06-Jun-13	52	1540.00	15.40
Old Brahmaputra	RMOB10	06-Jun-13	53	1580.00	15.31
Old Brahmaputra	RMOB10	06-Jun-13	54	1630.00	15.29
Old Brahmaputra	RMOB10	06-Jun-13	55	1657.00	15.22
Old Brahmaputra	RMOB10	06-Jun-13	56	1660.00	17.21
Old Brahmaputra	RMOB10	06-Jun-13	57	1663.00	17.19
Old Brahmaputra	RMOB10	06-Jun-13	58	1667.00	14.96
Old Brahmaputra	RMOB10	06-Jun-13	59	1730.00	15.12
Old Brahmaputra	RMOB10	06-Jun-13	60	1785.00	15.53
Old Brahmaputra	RMOB10	06-Jun-13	61	1800.00	15.40
Old Brahmaputra	RMOB10	06-Jun-13	62	1840.00	15.51
Old Brahmaputra	RMOB10	06-Jun-13	63	1900.00	15.21
Old Brahmaputra	RMOB10	06-Jun-13	64	1940.00	15.10
Old Brahmaputra	RMOB10	06-Jun-13	65	1980.00	15.00
Old Brahmaputra	RMOB10	06-Jun-13	66	2020.00	15.30
Old Brahmaputra	RMOB10	06-Jun-13	67	2080.00	15.41
Old Brahmaputra	RMOB10	06-Jun-13	68	2100.00	15.60
Old Brahmaputra	RMOB10	06-Jun-13	69	2140.00	15.40
Old Brahmaputra	RMOB10	06-Jun-13	70	2140.00	15.70
Old Brahmaputra	RMOB10	12-Apr-15	1	0.00	16.56
Old Brahmaputra	RMOB10	12-Apr-15	2	0.00	16.30
Old Brahmaputra	RMOB10	12-Apr-15	3	40.00	16.61
Old Brahmaputra	RMOB10	12-Apr-15	4	71.00	16.60
Old Brahmaputra	RMOB10	12-Apr-15	5	71.00	16.80
Old Brahmaputra	RMOB10	12-Apr-15	6	120.00	17.10
Old Brahmaputra	RMOB10	12-Apr-15	7	170.00	17.06
Old Brahmaputra	RMOB10	12-Apr-15	8	230.00	16.98
Old Brahmaputra	RMOB10	12-Apr-15	9	300.00	17.25
Old Brahmaputra	RMOB10	12-Apr-15	10	360.00	17.60
Old Brahmaputra	RMOB10	12-Apr-15	11	365.00	17.60
Old Brahmaputra	RMOB10	12-Apr-15	12	370.00	16.39
Old Brahmaputra	RMOB10	12-Apr-15	13	383.00	10.35
Old Brahmaputra	RMOB10	12-Apr-15	14	385.00	9.35
Old Brahmaputra	RMOB10	12-Apr-15	15	390.00	7.85
Old Brahmaputra	RMOB10	12-Apr-15	16	400.00	7.15
Old Brahmaputra	RMOB10	12-Apr-15	17	410.00	7.15
Old Brahmaputra	RMOB10	12-Apr-15	18	420.00	6.95
Old Brahmaputra	RMOB10	12-Apr-15	19	430.00	6.95

Old Brahmaputra	RMOB10	12-Apr-15	20	445.00	7.05
Old Brahmaputra	RMOB10	12-Apr-15	21	460.00	7.35
Old Brahmaputra	RMOB10	12-Apr-15	22	470.00	7.75
Old Brahmaputra	RMOB10	12-Apr-15	23	480.00	8.25
Old Brahmaputra	RMOB10	12-Apr-15	24	490.00	8.75
Old Brahmaputra	RMOB10	12-Apr-15	25	500.00	9.25
Old Brahmaputra	RMOB10	12-Apr-15	26	510.00	9.55
Old Brahmaputra	RMOB10	12-Apr-15	27	515.00	9.65
Old Brahmaputra	RMOB10	12-Apr-15	28	520.00	9.95
Old Brahmaputra	RMOB10	12-Apr-15	29	526.00	10.35
Old Brahmaputra	RMOB10	12-Apr-15	30	528.00	12.67
Old Brahmaputra	RMOB10	12-Apr-15	31	535.00	13.42
Old Brahmaputra	RMOB10	12-Apr-15	32	550.00	14.45
Old Brahmaputra	RMOB10	12-Apr-15	33	563.00	15.03
Old Brahmaputra	RMOB10	12-Apr-15	34	600.00	14.79
Old Brahmaputra	RMOB10	12-Apr-15	35	650.00	15.12
Old Brahmaputra	RMOB10	12-Apr-15	36	700.00	15.08
Old Brahmaputra	RMOB10	12-Apr-15	37	760.00	15.26
Old Brahmaputra	RMOB10	12-Apr-15	38	820.00	15.19
Old Brahmaputra	RMOB10	12-Apr-15	39	826.00	15.65
Old Brahmaputra	RMOB10	12-Apr-15	40	880.00	15.58
Old Brahmaputra	RMOB10	12-Apr-15	41	930.00	15.60
Old Brahmaputra	RMOB10	12-Apr-15	42	980.00	15.63
Old Brahmaputra	RMOB10	12-Apr-15	43	1030.00	15.58
Old Brahmaputra	RMOB10	12-Apr-15	44	1100.00	15.58
Old Brahmaputra	RMOB10	12-Apr-15	45	1160.00	15.52
Old Brahmaputra	RMOB10	12-Apr-15	46	1220.00	15.39
Old Brahmaputra	RMOB10	12-Apr-15	47	1260.00	15.12
Old Brahmaputra	RMOB10	12-Apr-15	48	1310.00	14.46
Old Brahmaputra	RMOB10	12-Apr-15	49	1360.00	14.32
Old Brahmaputra	RMOB10	12-Apr-15	50	1420.00	14.58
Old Brahmaputra	RMOB10	12-Apr-15	51	1470.00	15.46
Old Brahmaputra	RMOB10	12-Apr-15	52	1520.00	15.36
Old Brahmaputra	RMOB10	12-Apr-15	53	1570.00	15.25
Old Brahmaputra	RMOB10	12-Apr-15	54	1625.00	15.46
Old Brahmaputra	RMOB10	12-Apr-15	55	1657.00	15.55
Old Brahmaputra	RMOB10	12-Apr-15	56	1660.00	17.25
Old Brahmaputra	RMOB10	12-Apr-15	57	1663.00	17.25
Old Brahmaputra	RMOB10	12-Apr-15	58	1667.00	15.29
Old Brahmaputra	RMOB10	12-Apr-15	59	1710.00	15.15
Old Brahmaputra	RMOB10	12-Apr-15	60	1760.00	15.34
Old Brahmaputra	RMOB10	12-Apr-15	61	1800.00	15.36
Old Brahmaputra	RMOB10	12-Apr-15	62	1850.00	15.30
Old Brahmaputra	RMOB10	12-Apr-15	63	1900.00	15.05
Old Brahmaputra	RMOB10	12-Apr-15	64	1960.00	15.29
Old Brahmaputra	RMOB10	12-Apr-15	65	2020.00	15.25
Old Brahmaputra	RMOB10	12-Apr-15	66	2080.00	15.20
Old Brahmaputra	RMOB10	12-Apr-15	67	2140.00	15.40

Old Brahmaputra	RMOB10	12-Apr-15	68	2140.00	15.70
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90o_I
LHB L90o
LB
Slope
LWE
RHB dt. 11/12/2001
Time: 0900 hrs.
RWE
Slope
Top of pacca Road L90o
Top of pacca Road
Top of P/2 at RB (GL RL=16.615)
Top of P/1 at RB (GL RL=16.305)
Top f wooden peg for RC.C pillar No. 1 at R.B
G.L f wooden peg for RC.C pillar No. 1 at R.B
G.L of R.C.C pillar No-2 at R.B
Top of R.C.C pillar No-2 at R.B
Top of Road
Top of Road

Top of R.C.C. Pillar No.3
at L.B.

15.40. Annexure 40 – Land Records

মৌজাঃ-যথার্থপুর, জে,এল নং-১৪, উপজেলাঃ-জামালপুর সদর, জেলাঃ-জামালপুর।

ক্রমিক নং	আর,এস খতিয়ান নং	আর,এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	বাস্তব শ্রেণী	মন্তব্য
			ইজা=	২৩.৯০০০			
৩১।	১২২৯	১৯৪	০.৫২০০	০.৪৬০০	নামা	কান্দা	পূর্ণ
৩২।	১২৩৮	১৯৫	১.১৪০০	১.০২০০	নামা	কান্দা	পূর্ণ
৩৩।	১৫৮২	১৯৬	০.৯৬০০	০.৮৪০০	নামা	কান্দা	পূর্ণ
৩৪।	৭৬৭	১৯৭	০.৯০০০	০.৯০০০	নামা	কান্দা	পূর্ণ
৩৫।	৫৩১, ৫৩৪, ২১১৫	১৯৮	৯.৭০০০	৯.৭০০০	কান্দা	কান্দা	পূর্ণ
৩৬।	৫৩১, ৫৩৪	১৯৯	১.১৮০০	১.১৮০০	কান্দা	কান্দা	পূর্ণ
৩৭।	২১৮০	২০০	০.০৫০০	০.০৫০০	কান্দা	কান্দা	পূর্ণ
৩৮।	২১৮০	২০১	০.১৮০০	০.১৮০০	কান্দা	কান্দা	পূর্ণ
৩৯।	৪০৩	২০২	১.৯২০০	১.৩২০০	নামা	কান্দা	পূর্ণ
৪০।	৫১১	২০৩	২.২২০০	১.৬৭০০	নামা	কান্দা	আংশিক
৪১।	১৮২	২০৪	০.৫৬০০	০.৫৬০০	নামা	কান্দা	পূর্ণ
৪২।	৫১১	২০৫	০.১৯০০	০.১৯০০	কান্দা	কান্দা	পূর্ণ
৪৩।	১৪৫৮	২০৬	১.৩৩০০	১.৩৩০০	কান্দা	কান্দা	পূর্ণ
৪৪।	৫১১	২০৭	১.৬৬০০	১.৬৬০০	নামা	কান্দা	পূর্ণ
৪৫।	৪০৩	২২৮	০.১৪০০	০.১৪০০	নামা	কান্দা	পূর্ণ
৪৬।	৪০৩	২২৯	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
৪৭।	৪০৩	২৩০	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
৪৮।	৪০৩	২৩১	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
৪৯।	৪০৩	২৩২	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
৫০।	৪০৩	২৩৩	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
৫১।	৪০৩	২৩৪	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
৫২।	৪০৩	২৩৫	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
৫৩।	৪০৩	২৩৬	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
৫৪।	৪০৩	২৩৭	০.১০০০	০.১০০০	নামা	নামা	পূর্ণ
৫৫।	৪০৩	২৩৮	০.০৫০০	০.০৫০০	নামা	নামা	পূর্ণ
৫৬।	২৯৪, ৪১০	৩৭১	০.৩০০০	০.৩০০০	নামা	নামা	পূর্ণ
৫৭।	১৩৪	১৪২৯	১.১৮০০	০.০৩০০	নামা	নামা	আংশিক
৫৮।	৫৩৩	১৪৪১	০.৬৬০০	০.৬৬০০	নামা	নামা	পূর্ণ
৫৯।	৫৩৩	১৪৪২	০.৪২০০	০.৪২০০	নামা	নামা	পূর্ণ
৬০।	৫৩৩	১৪৪৩	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
৬১।	৫৩৩	১৪৪৪	০.২৯০০	০.২৯০০	নামা	নামা	পূর্ণ
			পৃষ্ঠার মোট=	২৪.২৬০০			
			জের=	৪৮.১৬০০			

চলমান পাতা-০৩

৩৫০
২৫/০২/১৭মোঃ আব্দুল মালেক খান
স্বাক্ষরকারী
ভূমি অধিগ্রহণ শাখা
জামালপুর।৩৫০
২৫/০২/১৭মোঃ সাইদুল ইসলাম
স্বাক্ষরকারী
ভূমি অধিগ্রহণ শাখা
জামালপুর।৩৫০
২৫/০২/১৭মোঃ নাজমুল ইসলাম
স্বাক্ষরকারী
ভূমি অধিগ্রহণ শাখা
জামালপুর।৩৫০
২৫/০২/১৭মোঃ আরিফুর রহমান
স্বাক্ষরকারী
ভূমি অধিগ্রহণ শাখা
জামালপুর।৩৫০
২৫/০২/১৭মোঃ সৌকরুল হোসেন
স্বাক্ষরকারী
ভূমি অধিগ্রহণ শাখা
জামালপুর।

পাতা-০৩

মৌজাঃ-যথার্থপুর,

জে,এল নং-১৪,

উপজেলাঃ-জামালপুর সদর,

এল, এ কেস নং ০২/২০১৭-১৮

জেলাঃ-জামালপুর।

ক্রমিক নং	আর,এস খতিয়ান নং	আর,এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	বাস্তব শ্রেণী	মন্তব্য
			ইজা=	৪৮.১৬০০			
৬২।	৫৩৩	১৪৪৫	০.২০০০	০.২০০০	নামা	নামা	পূর্ণ
৬৩।	৫৩৩	১৪৪৬	০.২৫০০	০.২৫০০	নামা	নামা	পূর্ণ
৬৪।	১০৬৬	১৪৪৭	০.২৯০০	০.২৯০০	নামা	নামা	পূর্ণ
৬৫।	১২৮৩	১৪৪৮	০.০৯০০	০.০৯০০	নামা	নামা	পূর্ণ
৬৬।	১২৮৩	১৪৪৯	০.৩৮০০	০.৩৮০০	নামা	নামা	পূর্ণ
৬৭।	৪১	৫০০১	১.৪৬০০	০.৩২০০	নামা	কান্দা	আংশিক
৬৮।	৮৮০	৫০০৮	০.৯৮০০	০.১০০০	নামা	কান্দা	আংশিক
৬৯।	১১২৩	৫০০৯	১.০০০০	০.৫৫০০	নামা	কান্দা	আংশিক
৭০।	১৮৬০	৫০১০	০.২৭০০	০.২৭০০	নামা	কান্দা	পূর্ণ
৭১।	১৭১, ৪১০	৫০১১	০.৬১০০	০.৩০০০	কান্দা	কান্দা	আংশিক
৭২।	৩৮১	৫০১৩	০.২৬০০	০.২৬০০	নামা	কান্দা	পূর্ণ
৭৩।	৩৮১	৫০১৪	০.৫৩০০	০.৫৩০০	নামা	কান্দা	পূর্ণ
৭৪।	৩৮১	৫০১৫	০.৬৬০০	০.৬৬০০	নামা	কান্দা	পূর্ণ
৭৫।	১৭৭৬	৫০১৬	০.৪৭০০	০.৪৭০০	নামা	কান্দা	পূর্ণ
৭৬।	১৭৭৬	৫০১৭	০.০৪০০	০.০৪০০	নামা	নামা	পূর্ণ
৭৭।	২২২৮	৫০১৮	১.১০০০	০.৫১০০	নামা	কান্দা	পূর্ণ
৭৮।	৪৯	৫০১৯	০.৩২০০	০.৩২০০	নামা	কান্দা	পূর্ণ
৭৯।	১৬৬২	৫০২০	০.৭৬০০	০.৪০০০	নামা	কান্দা	আংশিক
৮০।	২২২৮	৫০২১	২.০৯০০	১.১৪০০	নামা	কান্দা	পূর্ণ
৮১।	১৫৭০	৫০২২	১.১৪০০	১.১৪০০	নামা	কান্দা	পূর্ণ
৮২।	১৫৭০	৫০২৩	০.২৫০০	০.২৫০০	কান্দা	কান্দা	পূর্ণ
৮৩।	২২২৮	৫০২৪	০.২৬০০	০.০৭০০	নামা	কান্দা	পূর্ণ
৮৪।	২২২৮	৫০২৫	০.৪৬০০	০.১২০০	নামা	কান্দা	পূর্ণ
৮৫।	৭৩৮	৫০২৬	০.৭৪০০	০.৫৮০০	নামা	কান্দা	পূর্ণ
৮৬।	১৬১১	৫০২৭	১.৫৮০০	১.৫৮০০	নামা	কান্দা	পূর্ণ
৮৭।	১৯৬৭	৫০২৮	১.৫৫০০	০.৮৬০০	কান্দা	কান্দা	আংশিক
৮৮।	১২৮১	৫০২৯	২.৬৭০০	০.৩৭০০	কান্দা	কান্দা	আংশিক
৮৯।	২৯৫	৫০৪১	০.৪৩০০	০.৩২০০	হনখোলা	কান্দা	আংশিক
৯০।	১৮০	৫০৪২	০.৮৮০০	০.৮৮০০	নামা	কান্দা	পূর্ণ
৯১।	২২২৮	৫০৪৩	০.৯৪০০	০.৪৭০০	নামা	কান্দা	পূর্ণ
৯২।	১৫৮৬	৫০৭১	০.২১০০	০.০৬০০	কান্দা	কান্দা	আংশিক
৯৩।	৩২২	৫০৭২	০.৪৭০০	০.১৬০০	কান্দা	কান্দা	আংশিক
			পৃষ্ঠার মোট=	১৩.৫১০০			
			জের=	৬১.৬৭০০			

২৬/০২/১৭

২৩/০২/১৮

চলমান পাতা-০৪

মোঃ আব্দুল মালেক খান

মোঃ সাইদুল ইসলাম
সাক্ষর

মোঃ রুহুল আমিন
সাক্ষর

মোঃ আরিফুর রহমান
সাক্ষর

২৬/০২/১৮

মৌজাঃ-যথার্থপুর,


জে,এল নং-১৪,

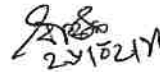
উপজেলাঃ-জামালপুর সদর,

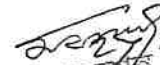
জেলাঃ-জামালপুর।


ক্রমিক নং	আর,এস খতিয়ান নং	আর,এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	বাস্তব শ্রেণী	মন্তব্য
			ইজা=	৬১.৬৭০০			
				০.১৩০০	কান্দা	কান্দা	আংশিক
৯৪।	৬০৪	৫০৭৩	০.৪৬০০	০.৯৫০০	নামা	নামা	পূর্ণ
৯৫।	১৭৭৭	৫১৮৮	১.৫০০০	০.৭৮০০	নামা	নামা	পূর্ণ
৯৬।	১৮০	৫১৯৪	০.৭৮০০	০.৩৫০০	নামা	নামা	আংশিক
৯৭।	১৭৭৭	৫১৯৬	০.৪০০০	০.১০০০	নামা	কান্দা	পূর্ণ
৯৮।	২৯৫	৫২০১	০.১০০০	০.১১০০	নামা	কান্দা	আংশিক
৯৯।	১৯৫১	৫২০২	০.৩৫০০	০.০১০০	নামা	কান্দা	আংশিক
১০০।	৬১৭	৫২০৬	০.৫৮০০	০.২৭০০	নামা	কান্দা	আংশিক
১০১।	১৭৭৭	৫২০৭	০.৬১০০	০.০৭০০	নামা	কান্দা	আংশিক
১০২।	১৭৭৭	৫২০৮	২.৮৫০০	২.৭৭০০			
			পৃষ্ঠার মোট=	৬৪.৪৪০০			
			মোট=	৬৪.৪৪০০			

অত্র মৌজায় ব্যক্তিমালিকানাধীন মোট জমির পরিমাণ = ৬৪.৪৪০০ (চৌষটি দশমিক চার চার শূন্য শূন্য) একর।

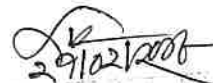

২৬/০২/২০১৮
মোঃ মাসুদ মালেক খান
সাধারণিক
ভূমি অধিগ্রহণ শাখা
জামালপুর।


২৬/০২/১৮
মোঃ সাইদুল ইসলাম
সাধারণিক
ভূমি অধিগ্রহণ শাখা
জামালপুর।


২৬/০২/১৮
মোঃ জাফর আলী
সাধারণিক
ভূমি অধিগ্রহণ শাখা
জামালপুর।


২৬/০২/১৮
মোঃ জাফর রহমান
ভূমি অধিগ্রহণ কর্মকর্তা
জামালপুর।


০২/০৬/১৮


২৭/০২/২০১৮
ন
জব)

প্রকল্পের নামঃ- শেরপুর অর্থনৈতিক অঞ্চল সংলগ্ন জামালপুর জেলায় “জামালপুর - শেরপুর অর্থনৈতিক অঞ্চল”
নির্মাণ প্রকল্প।

এল, এ কেস নং ০২/২০১৭-১৮

অধিগ্রহণের জন্য প্রস্তাবিত জমির দাগসূচী


মৌজাঃ-মথুরাবাড়ী,

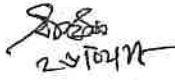
জে,এল নং-১৩,


উপজেলাঃ-জামালপুর সদর,


জেলাঃ-জামালপুর।

ক্রমিক নং	আর,এস খতিয়ান নং	আর,এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	মন্তব্য
০১।	১৩	২১৭	০.০৮০০	০.০৪৫০	ভিটি	আংশিক
০২।	১৪, ৬৩, ৯৫	২১৮	০.২১০০	০.১৬৫০	ভিটি	আংশিক
অত্র মৌজার মোট জমির পরিমাণ=				০.২১০০		
অত্র মৌজায় ব্যক্তিমালিকানাধীন মোট জমির পরিমাণ=০.২১০০ (শূন্য দশমিক দুই এক শূন্য শূন্য)একর।						



২৬/০২/১৭
মোঃ আব্দুল মান্নান খান
সার্কেলার
ভূমি অধিগ্রহণ শাখা
জামালপুর।


২৬/০২/১৭
মোঃ সাইদুল ইসলাম
সার্কেলার
ভূমি অধিগ্রহণ শাখা
জামালপুর।


২৬/০২/১৭
মোঃ কারিমুদ্দিন আলী
সার্কেলার
ভূমি অধিগ্রহণ শাখা
জেলা প্রশাসকের কার্যালয়
জামালপুর।


২৬/০২/১৭
মোঃ আরিফুর রহমান
ভূমি অধিগ্রহণ কর্মকর্তা
জামালপুর।


০৩/০৬/১৭


মোঃ লোকমান হোসেন
অতিরিক্ত জেলা প্রশাসক (রাজস্ব)
জামালপুর।

প্রকল্পের নামঃ- শেরপুর অর্থনৈতিক অঞ্চল সংলগ্ন জামালপুর জেলায় “জামালপুর - শেরপুর অর্থনৈতিক অঞ্চল”

নির্মাণ প্রকল্প।

এল, এ কেস নং-০২/২০১৭-১৮

অধিগ্রহণের জন্য প্রস্তাবিত জমির দাগসূচী


মৌজাঃ-দক্ষিণ কুটুরিয়া,

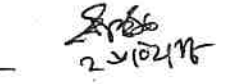
জে,এল নং-


উপজেলাঃ-জামালপুর সদর,

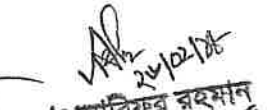
জেলাঃ-জামালপুর।

ক্রমিক নং	আর,এস খতিয়ান নং	আর,এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	মন্তব্য
০১।	২২	১২৪	০.১২০০	০.১২০০	বাঁশঝাড়	পূর্ণ
০২।	২৫	১২৫	০.১১০০	০.১১০০	বাঁশঝাড়	পূর্ণ
	২৩	১২৬	০.১১০০	০.০৬০০	কান্দা	আংশিক
অত্র মৌজার মোট জমির পরিমাণ=				০.২৯০০		
অত্র মৌজায় ব্যক্তিমালিকানাধীন মোট জমির পরিমাণ=০.২৯০০ (শূন্য দশমিক দুই নয় শূন্য শূন্য)একর।						


২৬/০২/১৮
মোঃ আব্দুল হাশেম খান
সার্ভেয়ার
ভূমি অধিগ্রহণ শাখা
জামালপুর।


২৬/০২/১৮
মোঃ সাইদুল ইসলাম
সার্ভেয়ার
ভূমি অধিগ্রহণ শাখা
জামালপুর।


২৬/০২/১৮
মোঃ আরিফুর রহমান
সার্ভেয়ার
ভূমি অধিগ্রহণ শাখা
জেলা প্রশাসকের কার্যালয়
জামালপুর।


২৬/০২/১৮
মোঃ আরিফুর রহমান
ভূমি অধিগ্রহণ কর্মকর্তা
জামালপুর।

মত্যাগিত


০২/০২/১৮
মোঃ আরিফুর রহমান
পরিচিতি নং-১৬৬১২
ভূমি অধিগ্রহণ কর্মকর্তা
জামালপুর।


২৭/০২/১৮
মোঃ লোকমান হোসেন
অতিরিক্ত জেলা প্রশাসক (রাজস্ব)
জামালপুর।


অধিগ্রহণের জন্য প্রস্তাবিত জমির টপসীটঃ

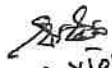
প্রকল্পের নামঃ- শেরপুর অর্থনৈতিক অঞ্চল সংলগ্ন জামালপুর জেলায় “জামালপুর - শেরপুর অর্থনৈতিক অঞ্চল”
নির্মাণ প্রকল্প।


এল, এ কেস নং ০২/২০১৭-১৮


উপজেলাঃ- জামালপুর সদর
জেলাঃ- জামালপুর।


ক্রমিক নং	মোজার নাম ও জে,এল নং	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)।				মন্তব্য
		ব্যক্তিমালকানাধীন জমির পরিমাণ (একরে)	খাস খতিয়ানভুক্ত জমির পরিমাণ (একরে)	অর্পিত জমির পরিমাণ (একরে)	পূর্বে অধিগ্রহণকৃত জমির পরিমাণ (একরে)	
১	২	৩	৪	৫	৬	৭
০১।	যথার্থপুর -১৪	৬৪.৪৪০০	-	-	-	-
০২।	মথুরাবাড়ী -	০.২১০০	-	-	-	-
০৩।	দক্ষিণ কুটুরিয়া -	০.২৯০০	-	-	-	-
সর্বমোট=		৬৪.৯৪০০	-	-	-	-
অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ =৬৪.৯৪০০ (চৌষট্টি দশমিক নয় চার শূন্য শূন্য) একর।						


২৬/০২/১৮
মোঃ আব্দুল মালেক খান
সার্ভেয়ার
ভূমি অধিগ্রহণ শাখা
জামালপুর।


২৭/০২/১৮
মোঃ সাইদুল ইসলাম
সার্ভেয়ার
ভূমি অধিগ্রহণ শাখা
জামালপুর।


২৭/০২/১৮
মোঃ রশিদুল আলম
সার্ভেয়ার
ভূমি অধিগ্রহণ শাখা
জেলা প্রশাসকের কার্যালয়
জামালপুর।


২৭/০২/১৮
মোঃ আরিফুর রহমান
ভূমি অধিগ্রহণ কর্মকর্তা
জামালপুর।

সত্যায়িত

০২/০৬/১৮


২৭/০২/১৮
মোঃ লোকনাথ
অতিরিক্ত জেলা প্রশাসক (রাজস্ব)
জামালপুর।

মোঃ আরিফুর রহমান
পরিচিতি নং-১৬৪৯২
ভূমি অধিগ্রহণ কর্মকর্তা
জামালপুর।

প্রকল্পের নামঃ- শেরপুর অর্থনৈতিক অঞ্চল সংলগ্ন জামালপুর জেলায় "জামালপুর অর্থনৈতিক অঞ্চল-২" নির্মাণ প্রকল্প।

দাগসূচী

সরকারি খাস খতিয়ানভুক্ত জমির পরিমাণঃ

মোজাঃ-যথার্থপুর, জে,এল নং-১৪, উপজেলাঃ-জামালপুর সদর, জেলাঃ-জামালপুর।

ক্রমিক নং	আর,এস খতিয়ান নং	আর,এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	বাস্তব শ্রেণী	মন্তব্য
০১।	১	৫৭	১.২৮০০	০.৪৩০০	হালট	হালট	আংশিক
০২।	১	৭২	১.১৫০০	০.০৬০০	নামা	নামা	আংশিক
০৩।	১	১৫৭	১.০৮০০	০.০৪০০	নামা	নামা	আংশিক
০৪।	১	১৫৮	৪১.১৮০০	২২.০০০০	নদী	নামা	আংশিক
০৫।	১	১৫৯	২.৫৭০০	১.৭৩০০	বালুরচর	নামা	আংশিক
০৬।	১	১৬১	১.০৫০০	০.৯১০০	কান্দা	কান্দা	পূর্ণ
০৭।	১	১৬২	১.০৫০০	১.০৫০০	কান্দা	কান্দা	পূর্ণ
০৮।	১	১৬৩	০.৪৮০০	০.৪৮০০	নামা	কান্দা	পূর্ণ
০৯।	১	১৬৪	০.৪৮০০	০.৪৮০০	নামা	কান্দা	পূর্ণ
১০।	১	১৬৫	০.৪৮০০	০.৪৮০০	নামা	কান্দা	পূর্ণ
১১।	১	১৭০	০.৫৮০০	০.৫৮০০	কান্দা	কান্দা	পূর্ণ
১২।	১	১৭১	০.৬৬০০	০.৬৬০০	কান্দা	কান্দা	পূর্ণ
১৩।	১	১৭২	০.৬২০০	০.৬২০০	কান্দা	কান্দা	পূর্ণ
১৩।	১	১৭৩	০.৬৪০০	০.৬৪০০	কান্দা	কান্দা	পূর্ণ
১৪।	১	১৭৪	০.৬৮০০	০.৬৮০০	কান্দা	কান্দা	পূর্ণ
১৫।	১	১৭৫	০.৬৫০০	০.৬৫০০	কান্দা	কান্দা	পূর্ণ
১৬।	১	১৭৫	০.৬২০০	০.৬২০০	কান্দা	কান্দা	পূর্ণ
১৭।	১	১৭৬	০.৫৪০০	০.৫৪০০	কান্দা	কান্দা	পূর্ণ
১৮।	১	১৭৭	০.৫৪০০	০.৫৪০০	কান্দা	কান্দা	পূর্ণ
১৮।	১	১৭৮	১.৩০০০	১.৩০০০	কান্দা	কান্দা	পূর্ণ
১৯।	১	১৭৮	১.৩০০০	১.৩০০০	কান্দা	কান্দা	পূর্ণ
২০।	১	১৭৯	১.৩০০০	১.৩০০০	কান্দা	কান্দা	পূর্ণ
২০।	১	১৮০	০.৫৩০০	০.৫৩০০	কান্দা	কান্দা	পূর্ণ
২১।	১	১৮১	০.২০০০	০.২০০০	কান্দা	কান্দা	পূর্ণ
২২।	১	১৮১	০.১১০০	০.১১০০	কান্দা	কান্দা	পূর্ণ
২৩।	১	১৮২	০.১২০০	০.১২০০	কান্দা	কান্দা	পূর্ণ
২৪।	১	১৮৩	০.১২০০	০.১২০০	কান্দা	কান্দা	পূর্ণ
২৪।	১	১৮৪	০.৪৮০০	০.৪৮০০	কান্দা	কান্দা	পূর্ণ
২৫।	১	১৮৪	০.৪৮০০	০.৪৮০০	কান্দা	কান্দা	পূর্ণ
২৫।	১	১৮৫	০.৫১০০	০.৫১০০	কান্দা	কান্দা	পূর্ণ
২৬।	১	১৮৫	০.৫১০০	০.৫১০০	কান্দা	কান্দা	পূর্ণ
২৬।	১	১৮৬	০.৫৬০০	০.৫৬০০	কান্দা	কান্দা	পূর্ণ
২৭।	১	১৮৬	০.৫৬০০	০.৫৬০০	কান্দা	কান্দা	পূর্ণ
২৭।	১	১৮৭	০.৪২০০	০.৪২০০	কান্দা	কান্দা	পূর্ণ
২৮।	১	১৮৭	০.৪২০০	০.৪২০০	কান্দা	কান্দা	পূর্ণ
২৮।	১	১৮৮	০.৪৪০০	০.৪৪০০	কান্দা	কান্দা	পূর্ণ
২৯।	১	১৮৮	০.৪৪০০	০.৪৪০০	কান্দা	কান্দা	পূর্ণ
৩০।	১	১৮৯	০.৪৪০০	০.৪৪০০	কান্দা	কান্দা	পূর্ণ
৩০।	১	১৮৯	০.৫৬০০	০.৫৬০০	কান্দা	কান্দা	পূর্ণ
৩১।	১	১৯০	০.৫৬০০	০.৫৬০০	কান্দা	কান্দা	পূর্ণ
৩১।	১	১৯১	২.৪৯০০	১.০৯০০	কান্দা	কান্দা	পূর্ণ
৩২।	১	১৯১	২.৪৯০০	১.০৯০০	নামা	কান্দা	পূর্ণ
৩৩।	১	১৯৩	০.৫২০০	০.০৬০০			
পৃষ্ঠার মোট=				৪০.৭৭০০			

চলমান পাতা-০২

এস.এম. মাহমুদুল ইসলাম
সহকারী কমিশনার (খতিয়ান)
জামালপুর সদর, জামালপুর।
জামালপুর সদর, জামালপুর।

মৌঃ হাবিবুল আলম
কানুন
উপজেলা কৃষি অফিস
জামালপুর সদর উপজেলা কৃষি অফিস
জামালপুর সদর, জামালপুর।

২০/০৮/১৭

ঐর্থনৈতিক অঞ্চল সংলগ্ন জামালপুর জেলায় "জামালপুর ঐর্থনৈতিক অঞ্চল" ১৮

পাতা-০২

মৌজাঃ-যথার্থপুর, জে,এল নং-১৪, উপজেলাঃ-জামালপুর সদর, জেলাঃ-জামালপুর।

ক্রমিক নং	আর,এস খতিয়ান নং	আর,এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	বাস্তব শ্রেণী	মতব্য
			ইজা=	৪০.৭৭০০			
৩৪।	১	১৯৪	০.৫২০০	০.০৬০০	নামা	কান্দা	পূর্ণ
৩৫।	১	১৯৫	১.১৪০০	০.১২০০	নামা	কান্দা	পূর্ণ
৩৬।	১	১৯৬	০.৯৬০০	০.১২০০	নামা	কান্দা	পূর্ণ
৩৭।	১	২০২	১.৯২০০	০.৬০০০	নামা	কান্দা	পূর্ণ
৩৮।	১	২০৩	২.২২০০	০.৫৫০০	নামা	কান্দা	পূর্ণ
৩৯।	১	২০৮	০.২৯০০	০.২৯০০	বালুরচর	নামা	পূর্ণ
৪০।	১	২০৯	৬.২৬০০	৬.২৬০০	নদী	নামা	পূর্ণ
৪১।	১	২২৭	০.৮২০০	০.৮২০০	নামা	কান্দা	পূর্ণ
৪২।	১	২৩৯	০.০৬০০	০.০৬০০	নামা	নামা	পূর্ণ
৪৩।	১	২৪০	০.৭৪০০	০.৭৪০০	নামা	নামা	পূর্ণ
৪৪।	১	২৪১	০.২৫০০	০.২৫০০	নামা	নামা	পূর্ণ
৪৫।	১	২৪২	০.২৩০০	০.২৩০০	নামা	নামা	পূর্ণ
৪৬।	১	২৪৩	০.২৫০০	০.২৫০০	নামা	নামা	পূর্ণ
৪৭।	১	২৪৪	০.২২০০	০.২২০০	নামা	নামা	পূর্ণ
৪৮।	১	২৪৫	০.১৯০০	০.১৯০০	নামা	নামা	পূর্ণ
৪৯।	১	২৪৬	০.২১০০	০.২১০০	নামা	নামা	পূর্ণ
৫০।	১	২৪৭	০.১৭০০	০.১৭০০	নামা	নামা	পূর্ণ
৫১।	১	২৪৮	০.১৬০০	০.১৬০০	নামা	নামা	পূর্ণ
৫২।	১	২৪৯	০.১৭০০	০.১৭০০	নামা	নামা	পূর্ণ
৫৩।	১	২৫০	০.১৮০০	০.১৮০০	নামা	নামা	পূর্ণ
৫৪।	১	২৫১	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
৫৫।	১	২৫২	০.১৮০০	০.১৮০০	নামা	নামা	পূর্ণ
৫৬।	১	২৫৩	০.০৯০০	০.০৯০০	নামা	নামা	পূর্ণ
৫৭।	১	২৫৪	০.০৯০০	০.০৯০০	নামা	নামা	পূর্ণ
৫৮।	১	২৫৫	০.০৯০০	০.০৯০০	নামা	নামা	পূর্ণ
৫৯।	১	২৫৬	০.০৯০০	০.০৯০০	নামা	নামা	পূর্ণ
৬০।	১	২৫৭	০.৭৭০০	০.৭৭০০	নামা	নামা	পূর্ণ
৬১।	১	২৫৮	০.৫০০০	০.৫০০০	নামা	নামা	পূর্ণ
৬২।	১	২৫৯	০.৫০০০	০.৫০০০	নামা	নামা	পূর্ণ
৬৩।	১	২৬০	০.৫০০০	০.৫০০০	নামা	নামা	পূর্ণ
৬৪।	১	২৬১	০.৪০০০	০.৪০০০	নামা	নামা	পূর্ণ
৬৫।	১	২৬২	০.৪২০০	০.৪২০০	নামা	নামা	পূর্ণ
৬৬।	১	২৬৩	০.৩৯০০	০.৩৯০০	নামা	নামা	পূর্ণ
পৃষ্ঠার মোট=				১৫.৮১০০			
জের=				৫৬.৫৮০০			

চলমান পাতা-০৩

এস.এম. মাহবুবুল হক
 জামালপুর জেলায়
 জামালপুর সদর, জামালপুর।

২৫/৪/১৭
 ২৫/৪/১৭

পাতা-০৩

মৌজাঃ-মথারপুর,

জে,এল নং-১৪,

উপজেলাঃ-জামালপুর সদর,

জেলাঃ-জামালপুর।

ক্রমিক নং	আর,এস খতিয়ান নং	আর,এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	বাস্তব শ্রেণী	মন্তব্য
			ইজা=	৫৬.৫৮০০			
৬৭।	১	২৬৪	০.৩৫০০	০.৩৫০০	নামা	নামা	পূর্ণ
৬৮।	১	২৬৫	০.৩৬০০	০.৩৬০০	নামা	নামা	পূর্ণ
৬৯।	১	২৬৬	০.৩৭০০	০.৩৭০০	নামা	নামা	পূর্ণ
৭০।	১	২৬৭	০.৩৪০০	০.৩৪০০	নামা	নামা	পূর্ণ
৭১।	১	২৬৮	০.৩৪০০	০.৩৪০০	নামা	নামা	পূর্ণ
৭২।	১	২৬৯	০.৩৫০০	০.৩৫০০	নামা	নামা	পূর্ণ
৭৩।	১	২৭০	০.৩১০০	০.৩১০০	নামা	নামা	পূর্ণ
৭৪।	১	২৭১	০.৩১০০	০.৩১০০	নামা	নামা	পূর্ণ
৭৫।	১	২৭২	০.৯৩০০	০.৯৩০০	নামা	নামা	পূর্ণ
৭৬।	১	২৭৩	১.০০০০	১.০০০০	নামা	নামা	পূর্ণ
৭৭।	১	২৭৪	০.৭০০০	০.৭০০০	নামা	নামা	পূর্ণ
৭৮।	১	২৭৫	১.৩০০০	১.৩০০০	নামা	নামা	পূর্ণ
৭৯।	১	২৭৬	০.৬৮০০	০.৬৮০০	নামা	নামা	পূর্ণ
৮০।	১	২৭৭	০.৬০০০	০.৬০০০	নামা	নামা	পূর্ণ
৮১।	১	২৭৮	০.৫৭০০	০.৫৭০০	নামা	নামা	পূর্ণ
৮২।	১	২৭৯	০.৫৮০০	০.৫৮০০	নামা	নামা	পূর্ণ
৮৩।	১	২৮০	০.৫৮০০	০.৫৮০০	নামা	নামা	পূর্ণ
৮৪।	১	২৮১	০.৫০০০	০.৫০০০	নামা	নামা	পূর্ণ
৮৫।	১	২৮২	০.৬৩০০	০.৬৩০০	নামা	নামা	পূর্ণ
৮৬।	১	২৮৩	০.৫৮০০	০.৫৮০০	নামা	নামা	পূর্ণ
৮৭।	১	২৮৪	০.৫৬০০	০.৫৬০০	নামা	নামা	পূর্ণ
৮৮।	১	২৮৫	১.০২০০	১.০২০০	নামা	নামা	পূর্ণ
৮৯।	১	২৮৬	১.০০০০	১.০০০০	নামা	নামা	পূর্ণ
৯০।	১	২৮৭	০.৫২০০	০.৫২০০	নামা	নামা	পূর্ণ
৯১।	১	২৮৮	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
৯২।	১	২৮৯	০.৪০০০	০.৪০০০	নামা	নামা	পূর্ণ
৯৩।	১	২৯০	০.২৬০০	০.২৬০০	নামা	নামা	পূর্ণ
৯৪।	১	২৯১	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
৯৫।	১	২৯২	০.২৭০০	০.২৭০০	নামা	নামা	পূর্ণ
৯৬।	১	২৯৩	০.২৬০০	০.২৬০০	নামা	নামা	পূর্ণ
৯৭।	১	২৯৪	০.২৬০০	০.২৬০০	নামা	নামা	পূর্ণ
৯৮।	১	২৯৫	০.৭৬০০	০.৭৬০০	নামা	নামা	পূর্ণ
৯৯।	১	২৯৬	০.১১০০	০.১১০০	নামা	নামা	পূর্ণ
			পৃষ্ঠার মোট=	১৭.০৭০০			
			জের=	৭৩.৬৫০০			

২০/০৮/১৭
 এস.এম. রাজহাকিম হুসলায়
 সহকারী মজি দারওয়ান (মুখি)
 জামালপুর সদর (মুখি) (অতিঃ দাঃ)
 জামালপুর সদর, জামালপুর।

মোঃ রবুলন জামি
 কানন
 উপজেলা মুক্তি বর্ডার
 জামালপুর সদর।

চলমান পাতা-০৪
 ২০/০৮/১৭
 মোঃ আব্দুলকাদের জামালপুর
 উপজেলা মুক্তি বর্ডার
 জামালপুর সদর, জামালপুর।

পাতা-০৪

মৌজাঃ-মথারখপুর,

জে,এল নং-১৪,

উপজেলাঃ-জামালপুর সদর,

জেলাঃ-জামালপুর।

ক্রমিক নং	আর,এস খতিয়ান নং	আর,এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	বাস্তব শ্রেণী	মন্তব্য
			ইজা=	৭৩.৬৫০০			
১০০১	১	২৯৭	০.১২০০	০.১২০০	নামা	নামা	পূর্ণ
১০১১	১	২৯৮	০.১৬০০	০.১৬০০	নামা	নামা	পূর্ণ
১০২১	১	২৯৯	০.১৭০০	০.১৭০০	নামা	নামা	পূর্ণ
১০৩১	১	৩০০	০.১৮০০	০.১৮০০	নামা	নামা	পূর্ণ
১০৪১	১	৩০১	০.১৮০০	০.১৮০০	নামা	নামা	পূর্ণ
১০৫১	১	৩০২	০.১৮০০	০.১৮০০	নামা	নামা	পূর্ণ
১০৬১	১	৩০৩	০.৪০০০	০.৪০০০	নামা	নামা	পূর্ণ
১০৭১	১	৩০৪	০.৩১০০	০.৩১০০	নামা	নামা	পূর্ণ
১০৮১	১	৩০৫	০.৪০০০	০.৪০০০	নামা	নামা	পূর্ণ
১০৯১	১	৩০৬	০.২৮০০	০.২৮০০	নামা	নামা	পূর্ণ
১১০১	১	৩০৭	০.১২০০	০.১২০০	নামা	নামা	পূর্ণ
১১১১	১	৩০৮	০.১৫০০	০.১৫০০	নামা	নামা	পূর্ণ
১১২১	১	৩০৯	০.০৭০০	০.০৭০০	নামা	নামা	পূর্ণ
১১৩১	১	৩১০	০.০৯০০	০.০৯০০	নামা	নামা	পূর্ণ
১১৪১	১	৩১১	০.০৯০০	০.০৯০০	নামা	নামা	পূর্ণ
১১৫১	১	৩১২	০.০৬০০	০.০৬০০	নামা	নামা	পূর্ণ
১১৬১	১	৩১৩	০.০৯০০	০.০৯০০	নামা	নামা	পূর্ণ
১১৭১	১	৩১৪	০.১৮০০	০.১৮০০	নামা	নামা	পূর্ণ
১১৮১	১	৩১৫	০.১৮০০	০.১৮০০	নামা	নামা	পূর্ণ
১১৯১	১	৩১৬	০.১৯০০	০.১৯০০	নামা	নামা	পূর্ণ
১২০১	১	৩১৭	০.২৩০০	০.২৩০০	নামা	নামা	পূর্ণ
১২১১	১	৩১৮	০.৩৩০০	০.৩৩০০	নামা	নামা	পূর্ণ
১২২১	১	৩১৯	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
১২৩১	১	৩২০	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
১২৪১	১	৩২১	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
১২৫১	১	৩২২	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
১২৬১	১	৩২৩	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
১২৭১	১	৩২৪	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
১২৮১	১	৩২৫	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
১২৯১	১	৩২৬	১.৭০০০	১.৭০০০	নামা	নামা	পূর্ণ
১৩০১	১	৩২৭	০.৫৩০০	০.৫৩০০	নামা	নামা	পূর্ণ
১৩১১	১	৩২৮	০.৪৮০০	০.৪৮০০	নামা	নামা	পূর্ণ
১৩২১	১	৩২৯	০.৭৮০০	০.৭৮০০	নামা	নামা	পূর্ণ
পৃষ্ঠার মোট=				৮.৫৯০০			
জের=				৮২.২৪০০			

চলমান পাতা-০৫

০৫/০৫/১৭
এস.এম. মাজহারুল ইসলাম
সহকারী কমিশনার (খতিয়ান)
জামালপুর সদর, জামালপুর।

২৫/৫/১৭
মৌজাঃ মথারখপুর জামালপুর
উপজেলাঃ জামালপুর সদর

২৫/৫/১৭
মৌজাঃ জামালপুর জামালপুর
উপজেলাঃ জামালপুর সদর, জামালপুর।

ক্রমিক নং	আর.এস খতিয়ান নং	আর.এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অমিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	বাস্তব শ্রেণী	মন্তব্য
			ইজা=	৮২.২৪০০			
১৩৩।	১	৩৩০	০.৪৩০০	০.৪৩০০	নামা	নামা	পূর্ণ
১৩৪।	১	৩৩১	০.৩৯০০	০.৩৯০০	নামা	নামা	পূর্ণ
১৩৫।	১	৩৩২	০.৩৮০০	০.৩৮০০	নামা	নামা	পূর্ণ
১৩৬।	১	৩৩৩	০.৩৪০০	০.৩৪০০	নামা	নামা	পূর্ণ
১৩৭।	১	৩৩৪	০.৩৩০০	০.৩৩০০	নামা	নামা	পূর্ণ
১৩৮।	১	৩৩৫	০.৩০০০	০.৩০০০	নামা	নামা	পূর্ণ
১৩৯।	১	৩৩৬	০.৩৭০০	০.৩৭০০	নামা	নামা	পূর্ণ
১৪০।	১	৩৩৭	০.৩৪০০	০.৩৪০০	নামা	নামা	পূর্ণ
১৪১।	১	৩৩৮	০.৩০০০	০.৩০০০	নামা	নামা	পূর্ণ
১৪২।	১	৩৩৯	০.৫১০০	০.৫১০০	নামা	নামা	পূর্ণ
১৪৩।	১	৩৪০	০.০৬০০	০.০৬০০	নামা	নামা	পূর্ণ
১৪৪।	১	৩৪১	০.০৬০০	০.০৬০০	নামা	নামা	পূর্ণ
১৪৫।	১	৩৪২	০.১৭০০	০.১৭০০	নামা	নামা	পূর্ণ
১৪৬।	১	৩৪৩	০.০৫০০	০.০৫০০	নামা	নামা	পূর্ণ
১৪৭।	১	৩৪৪	০.২৪০০	০.২৪০০	নামা	নামা	পূর্ণ
১৪৮।	১	৩৪৫	০.০৬০০	০.০৬০০	নামা	নামা	পূর্ণ
১৪৯।	১	৩৪৬	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
১৫০।	১	৩৪৭	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
১৫১।	১	৩৪৮	০.১২০০	০.১২০০	নামা	নামা	পূর্ণ
১৫২।	১	৩৪৯	০.০৮০০	০.০৮০০	নামা	নামা	পূর্ণ
১৫৩।	১	৩৫০	০.০৬০০	০.০৬০০	নামা	নামা	পূর্ণ
১৫৪।	১	৩৫১	০.১২০০	০.১২০০	নামা	নামা	পূর্ণ
১৫৫।	১	৩৫২	০.১২০০	০.১২০০	নামা	নামা	পূর্ণ
১৫৬।	১	৩৫৩	০.২২০০	০.২২০০	নামা	নামা	পূর্ণ
১৫৭।	১	৩৫৪	০.১২০০	০.১২০০	নামা	নামা	পূর্ণ
১৫৮।	১	৩৫৫	০.১২০০	০.১২০০	নামা	নামা	পূর্ণ
১৫৯।	১	৩৫৬	০.১১০০	০.১১০০	নামা	নামা	পূর্ণ
১৬০।	১	৩৫৭	০.১০০০	০.১০০০	নামা	নামা	পূর্ণ
১৬১।	১	৩৫৮	০.১০০০	০.১০০০	নামা	নামা	পূর্ণ
১৬২।	১	৩৫৯	০.১৯০০	০.১৯০০	নামা	নামা	পূর্ণ
১৬৩।	১	৩৬০	০.০৮০০	০.০৮০০	নামা	নামা	পূর্ণ
১৬৪।	১	৩৬১	০.০৭০০	০.০৭০০	নামা	নামা	পূর্ণ
১৬৫।	১	৩৬২	০.০৭০০	০.০৭০০	নামা	নামা	পূর্ণ
পৃষ্ঠার মোট=				৬.২৯০০			
জের=				৮৮.৫৩০০			

চলমান পাতা-০৬

০৫/০৫/১৭
 এস.এম. মাজহারুল ইসলাম
 জমিদার, যথার্থপুর (খতিয়ান)
 জামালপুর সদর, জামালপুর জেলা (আজি মাঃ)
 জামালপুর সদর, জামালপুর।

২৫/৫/১৭

২৫/৫/১৭

মোঃ রশিদুল আলী মোঃ জামালুল ইসলাম
 কামালপুর জেলা
 উপজেলাঃ যথার্থপুর

মৌজার মধ্যস্থপত্র

জে.এল নং-১৪


পাতা-০৬


উপজেলা-জামালপুর সদর

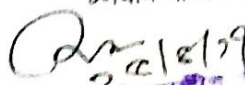
জেলা-জামালপুর

ক্রমিক নং	আর.এস খতিয়ান নং	আর.এস দাগ নং	দানের মোট জমির পরিমাণ (একরে)	আমগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দানের নেকডীয় শ্রেণী	বাসব শ্রেণী	মন্তব্য
			ইজা=	৮৮.৫৩০০			
১৬৬১	১	৩৬৩	০.০৭০০	০.০৭০০	নামা	নামা	পূর্ণ
১৬৭১	১	৩৬৪	০.০৮০০	০.০৮০০	নামা	নামা	পূর্ণ
১৬৮১	১	৩৬৫	০.০৭০০	০.০৭০০	নামা	নামা	পূর্ণ
১৬৯১	১	৩৬৬	০.০৮০০	০.০৮০০	নামা	নামা	পূর্ণ
১৭০১	১	৩৬৭	০.০৬০০	০.০৬০০	নামা	নামা	পূর্ণ
১৭১১	১	৩৬৮	০.০৫০০	০.০৫০০	নামা	নামা	পূর্ণ
১৭২১	১	৩৬৯	০.১২০০	০.১২০০	নামা	নামা	পূর্ণ
১৭৩১	১	৩৭০	০.৪২০০	০.৪২০০	নামা	নামা	পূর্ণ
১৭৪১	১	১৪১৯	১.১৮০০	০.৫৯০০	নামা	নামা	আংশিক
১৭৫১	১	১৪৩০	০.৮৯০০	০.৮৪০০	নামা	নামা	আংশিক
১৭৬১	১	১৪৩৫	০.৮৯০০	০.৮৯০০	নামা	নামা	পূর্ণ
১৭৭১	১	১৪৩৬	২.৫২০০	১.২৫০০	নামা	নামা	আংশিক
১৭৮১	১	১৪৩৮	২.৩০০০	০.৫০০০	নামা	নামা	আংশিক
১৭৯১	১	১৪৪০	১৪.৯৫০০	১৪.৯৫০০	নামা	নামা	পূর্ণ
১৮০১	১	১৪৫০	০.৫৫০০	০.৫৫০০	নামা	নামা	পূর্ণ
১৮১১	১	১৪৫১	০.১৬০০	০.১৬০০	নামা	নামা	পূর্ণ
১৮২১	১	১৪৫২	০.৩০০০	০.৩০০০	নামা	নামা	পূর্ণ
১৮৩১	১	১৪৫৩	০.১৬০০	০.১৬০০	নামা	নামা	পূর্ণ
১৮৪১	১	১৪৫৪	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
১৮৫১	১	১৪৫৫	০.৪১০০	০.৪১০০	নামা	নামা	পূর্ণ
১৮৬১	১	১৪৫৬	০.২৪০০	০.২৪০০	নামা	নামা	পূর্ণ
১৮৭১	১	১৪৫৭	০.৩২০০	০.৩২০০	নামা	নামা	পূর্ণ
১৮৮১	১	১৪৫৮	০.২৮০০	০.২৮০০	নামা	নামা	পূর্ণ
১৮৯১	১	১৪৫৯	০.৩২০০	০.৩২০০	নামা	নামা	পূর্ণ
১৯০১	১	১৪৬০	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
১৯১১	১	১৪৬১	০.৩৩০০	০.৩৩০০	নামা	নামা	পূর্ণ
১৯২১	১	১৪৬২	০.২৫০০	০.২৫০০	নামা	নামা	পূর্ণ
১৯৩১	১	১৪৬৩	০.২৫০০	০.২৫০০	নামা	নামা	পূর্ণ
১৯৪১	১	১৪৬৪	০.২০০০	০.২০০০	নামা	নামা	পূর্ণ
১৯৫১	১	১৪৬৫	০.৪৯০০	০.৪৯০০	নামা	নামা	পূর্ণ
১৯৬১	১	১৪৬৬	০.৪৯০০	০.৪৯০০	নামা	নামা	পূর্ণ
১৯৭১	১	১৪৬৭	০.৫০০০	০.৫০০০	নামা	নামা	পূর্ণ
১৯৮১	১	১৪৬৮	০.২৮০০	০.২৮০০	নামা	নামা	পূর্ণ
			মুঠ মোট=	২৫.৭৭০০			
			জের=	১১৪.৩০০০			

চলমান পাতা ০৭


 Md. Masudul Alam
 উপজেলা নির্বাহী কর্মকর্তা
 জামালপুর সদর, জামালপুর।


 Md. Masudul Alam
 উপজেলা নির্বাহী কর্মকর্তা
 জামালপুর সদর, জামালপুর।

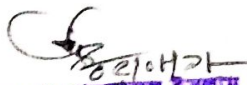

 Md. Masudul Alam
 উপজেলা নির্বাহী কর্মকর্তা
 জামালপুর সদর, জামালপুর।

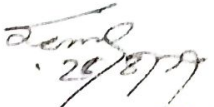
পাতা-০৭

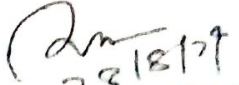
মোজার যথার্থপুর, জে.এল নং-১৪, উপজেলাঃ-জামালপুর সদর, জেলাঃ-জামালপুর।

ক্রমিক নং	আর,এস খতিয়ান নং	আর,এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	বাস্তব শ্রেণী	মন্তব্য
			ইজা=	১১৪.৩০০০			
১৯৯।	১	১৪৬৯	০.৭১০০	০.৭১০০	নামা	নামা	পূর্ণ
২০০।	১	১৪৭০	০.২২০০	০.২২০০	নামা	নামা	পূর্ণ
২০১।	১	১৪৭১	০.২৯০০	০.২৯০০	নামা	নামা	পূর্ণ
২০২।	১	১৪৭২	০.২২০০	০.২২০০	নামা	নামা	পূর্ণ
২০৩।	১	১৪৭৩	০.৪৪০০	০.৪৪০০	নামা	নামা	পূর্ণ
২০৪।	১	১৪৭৪	০.০৫০০	০.০৫০০	নামা	নামা	পূর্ণ
২০৫।	১	১৪৭৫	০.০৫০০	০.০৫০০	নামা	নামা	পূর্ণ
২০৬।	১	১৪৭৬	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
২০৭।	১	১৪৭৭	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
২০৮।	১	১৪৭৮	০.০৫০০	০.০৫০০	নামা	নামা	পূর্ণ
২০৯।	১	১৪৭৯	০.০৬০০	০.০৬০০	নামা	নামা	পূর্ণ
২১০।	১	১৪৮০	০.০৭০০	০.০৭০০	নামা	নামা	পূর্ণ
২১১।	১	১৪৮১	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
২১২।	১	১৪৮২	০.১৪০০	০.১৪০০	নামা	নামা	পূর্ণ
২১৩।	১	১৪৮৩	০.১০০০	০.১০০০	নামা	নামা	পূর্ণ
২১৪।	১	১৪৮৪	০.০৮০০	০.০৮০০	নামা	নামা	পূর্ণ
২১৫।	১	১৪৮৫	০.১৩০০	০.১৩০০	নামা	নামা	পূর্ণ
২১৬।	১	১৪৮৬	০.৪০০০	০.৪০০০	নামা	নামা	পূর্ণ
২১৭।		১৪৮৭	৩.২৫০০	৩.২৫০০	নামা	নামা	পূর্ণ
২১৮।	১	১৪৮৮	১.৯৪০০	১.৯৪০০	নামা	নামা	পূর্ণ
২১৯।	১	১৪৮৯	০.২৩০০	০.২৩০০	নামা	নামা	পূর্ণ
২২০।	১	১৪৯০	২০.৬২০০	২০.৬২০০	নামা	নামা	পূর্ণ
২২১।	১	১৪৯১	১.২০০০	১.২০০০	নামা	নামা	পূর্ণ
২২২।	১	১৪৯২	১.৪৩০০	১.৪৩০০	নামা	নামা	পূর্ণ
২২৩।	১	১৪৯৩	১.৯৫০০	১.৯৫০০	নামা	নামা	পূর্ণ
২২৪।	১	১৪৯৪	৩.০৫০০	৩.০৫০০	নামা	নামা	পূর্ণ
২২৫।	১	১৪৯৫	১.২৭০০	১.২৭০০	নামা	নামা	পূর্ণ
২২৬।	১	১৪৯৬	০.৯৫০০	০.৯৫০০	নামা	নামা	পূর্ণ
২২৭।	১	১৪৯৭	০.৮০০০	০.৮০০০	নামা	নামা	পূর্ণ
২২৮।	১	১৪৯৮	০.৫০০০	০.৫০০০	নামা	নামা	পূর্ণ
২২৯।	১	১৪৯৯	০.৪৭০০	০.৪৭০০	নামা	নামা	পূর্ণ
২৩০।	১	১৫০০	২.১০০০	২.১০০০	নামা	নামা	আংশিক
			পুস্তার মোট=	৪২.৭৮০০			
			জের=	১৫৭.০৮০০			

চলমান পাতা-০৮


 এস.এম. হাফিজুল ইসলাম
 উপ-সহকারী কমিশনার (জমি)
 জামালপুর সদর, জামালপুর।


 মোঃ বাকুল আলী
 উপ-সহকারী কমিশনার
 জামালপুর সদর


 ২৫/৪/১৭
 মোঃ আব্দুল করিম
 জামালপুর সদর, জামালপুর।

মৌজাঃ-যথার্থপুর,

জে,এল নং-১৪,

পাতা-০৮

উপজেলাঃ-জামালপুর সদর,

জেলাঃ-জামালপুর।

ক্রমিক নং	আর,এস খতিয়ান নং	আর,এস দাগ নং	দাগের মোট জমির পরিমাণ (একরে)	অধিগ্রহণের জন্য প্রস্তাবিত জমির পরিমাণ (একরে)	দাগের রেকর্ডীয় শ্রেণী	বাস্তব শ্রেণী	মন্তব্য
			ইজা=	১৫৭.০৮০০			
২৩১।	১	৫০০১	১.৪৬০০	০.৭৩০০	নামা	কান্দা	
২৩২।	১	৫০১১	০.৬১০০	০.১৫০০	কান্দা	কান্দা	আংশিক
২৩৩।	১	৫০১২	০.৩১০০	০.৩১০০	নামা	কান্দা	পূর্ণ
২৩৪।	১	৫০১৮	১.১০০০	০.৫৯০০	নামা	কান্দা	পূর্ণ
২৩৫।	১	৫০২১	২.০৯০০	১.৫৪০০	নামা	কান্দা	পূর্ণ
২৩৬।	১	৫০২৪	০.২৬০০	০.১৯০০	নামা	কান্দা	পূর্ণ
২৩৭।	১	৫০২৫	০.৪৬০০	০.৩৪০০	নামা	কান্দা	পূর্ণ
২৩৮।	১	৫০৪৩	০.৯৪০০	০.৪৭০০	নামা	কান্দা	পূর্ণ
২৩৯।	১	৫০৪৪	০.৭৩০০	০.৫০০০	হালট	হালট	আংশিক
২৪০।	১	৫০৪৫	০.৮৮০০	০.৮৬০০	কান্দা	কান্দা	আংশিক
২৪১।	১	৫০৪৬	১.০৯০০	০.৮৮০০	কান্দা	কান্দা	আংশিক
২৪২।	১	৫০৭৪	০.৮৩০০	০.২৯০০	কান্দা	কান্দা	আংশিক
২৪৩।	১	৫১৮৬	৫০.৮৬০০	১৫.৬৬০০	নদী	নামা	পূর্ণ
২৪৪।	১	৫১৮৭	১.৪১০০	১.৪১০০	নামা	নামা	পূর্ণ
২৪৫।	১	৫১৮৮	১.৫০০০	০.৫৫০০	নামা	নামা	পূর্ণ
২৪৬।	১	৫১৮৯	০.৮৯০০	০.৮৯০০	নামা	নামা	পূর্ণ
২৪৭।	১	৫১৯০	০.৫৪০০	০.৫৪০০	নামা	নামা	পূর্ণ
২৪৮।	১	৫১৯১	০.৬০০০	০.৬০০০	নামা	নামা	পূর্ণ
২৪৯।	১	৫১৯২	০.৫৯০০	০.৫৯০০	নামা	নামা	পূর্ণ
২৫০।	১	৫১৯৩	০.২৮০০	০.২৮০০	নামা	নামা	পূর্ণ
২৫১।	১	৫১৯৫	০.৬০০০	০.৬০০০	হালট	হালট	পূর্ণ
২৫২।	১	৫১৯৭	০.৫০০০	০.৫০০০	নামা	কান্দা	পূর্ণ
২৫৩।	১	৫১৯৮	০.২১০০	০.২০০০	নামা	কান্দা	আংশিক
২৫৪।	১	৫১৯৯	০.১৭০০	০.১৭০০	নামা	কান্দা	পূর্ণ
২৫৫।	১	৫২০০	১.০১০০	০.৪২০০	নামা	কান্দা	পূর্ণ
২৫৬।	১	৫২৬৪	১৯.১৩০০	৩.৬০০০	নদী	নামা	আংশিক
২৫৭।	১	৫২৬৫	৭.৩৮০০	৫.৯৯০০	পতিত	নামা	আংশিক
২৫৮।	১	৫২৬৬	০.৪৮০০	০.৪৮০০	নামা	কান্দা	পূর্ণ
২৫৯।	১	৫২৬৭	০.৭১০০	০.৭১০০	নামা	কান্দা	পূর্ণ
২৬০।	১	৫২৬৮	০.৪৬০০	০.৪৬০০	নামা	কান্দা	পূর্ণ
২৬১।	১	৫২৬৯	০.৬১০০	০.১২০০	নামা	কান্দা	আংশিক
২৬২	১	৫২৭০	০.৬১০০	০.০২০০	নামা	কান্দা	আংশিক
পৃষ্ঠার মোট=				৪০.৬৪০০			
মোট জমির পরিমাণ=				১৯৭.৭২০০			

অত্র মৌজায় সরকারি খাস খতিয়ানভুক্ত মোট জমির পরিমাণ=১৯৭.৭২০০(একশত সাতানব্বই দশমিক সাত তিন শূন্য শূন্য)একর

এস.এম. হাজী হুসেইন
সরকারী কৃষিশ্রম (ভূমি)
সরকারী কৃষিশ্রম (ভূমি)
জামালপুর সদর, জামালপুর।

মৌঃ বণেশ্বর আদী
সাননগো
উপজেলা ভূমি অফিস
জামালপুর সদর

মৌঃ জাভেদুল আলম
উপজেলা ভূমি অফিস
জামালপুর সদর, জামালপুর।

১৫

১৫



পাঁচ

টাকা

১৫/১১/১৯

১ ৯৮৬১০৫২
নং ১২১৮৮



নং ১২১৮৮

[Signature]
স্বাক্ষরিত কর্তৃক
সদর মহাফোজখানা
শেরপুর।

তারিখ: ১৫/১১/১৯

জেলা বন্দোবস্ত কেস নং- ১২(XII)২০১৬-২০১৭ (দীর্ঘ মেয়াদী)

বাংলাদেশ ফরম নং- ১০৮৮(গ)

পরিশিষ্ট-১

১০০০ = ১০০০

২৫৫০ = ৭৫০

৫৫০ = ২৫০

২৫৫০ = ২৫০

১০ = ১০০০

১ — ২৫৫০

২ — ২৫০

৩ — ৫৫০

অকৃষি খাস জমি বাংলাদেশ অর্থনৈতিক অঞ্চল (বেঙ্গা) এর অনুকূলে দীর্ঘ মেয়াদী লীজ (অনুচ্ছেদ ১০৪ দ্রষ্টব্য)

এই দীর্ঘ মেয়াদী লীজ চুক্তিপত্র রাষ্ট্রপতির পক্ষে জেলা কালেক্টর, শেরপুর পক্ষে এ বি

এম এহছানুল মামুন, অতিরিক্ত জেলা প্রশাসক (রাজস্ব), শেরপুর (যিনি অতঃপর লীজ দাতা

বলিয়া অভিহিত হইবেন)..... প্রথম পক্ষ।

এবং

বাংলাদেশ অর্থনৈতিক অঞ্চল কর্তৃপক্ষের পক্ষে মোঃ মিজানুর রহমান, ডেপুটি ম্যানেজার,

বেঙ্গা, বিডিবিএল ভবন, লেবেল-১৫), ১২ কারওয়ান বাজার, ঢাকা-১২১৫। (যিনি অতঃপর

লীজ গ্রহীতা বলিয়া অভিহিত হইবেন) দ্বিতীয়পক্ষ।

এর মধ্যে অদ্য ২০১৮ সালের ১১ মাসের ০৮ তারিখে নিম্নোক্ত মর্মে সম্পাদিত

হইয়াছে।

২৫৫০ = ৫০০০০০ ১১/১১/১৯

২৫৫০ = ৫০০০০০ ॥

৫৫০ = ৫০০০০০ ॥

মোঃ মোঃ মোঃ মোঃ

[Signature]
স্বাক্ষরিত কর্তৃক
সদর মহাফোজখানা
শেরপুর।

তারিখ: ১৫/১১/১৯



পাঁচ

টাকা

স্বাক্ষরিতঃ ১৫/১১/১৮
মন্ত্রণালয়ঃ

সং ১৮৬১০৫৩
০৮৯ নং- ১৮
স্বাক্ষরিতঃ

মিঃ আব্দুল হক
এ.সি.এম. হুসুন্না মাদান
জাঃ মিঃ আব্দুল হক
ডেপুটি-সেক্রেটারি

যেহেতু লীজ গ্রহীতা অর্থনৈতিক অঞ্চল স্থাপনের জন্য নিম্ন তফসিল বর্ণিত খাস জমি দীর্ঘ মেয়াদী লীজ চাহিয়া আবেদন করিয়াছেন এবং
যেহেতু উক্ত লীজ আবেদন ভূমি মন্ত্রণালয়ের ৩০/০৭/২০১৮ খ্রিঃ তারিখে ৩১.০০.০০০০.০৪১. ৪১.১০৫.১৭-২৪২নং স্মারক মূলে সরকার মঞ্জুর করিয়াছেন।
সেহেতু এখন লীজ গ্রহীতা অত্র দলিলের তফসিলভুক্ত জমির মোট প্রতিকী মূল্য

৩৫/১০০,০০০/- (এক লক্ষ) টাকা ধার্য হওয়ায় এবং ১,০০,০০০/- (এক লক্ষ) টাকা পরিশোধ করিয়া অবশিষ্ট X... টাকা নিম্নোক্ত কিস্তিতে পরিশোধ করিতে সম্মত হওয়ায় লীজ গ্রহীতাকে প্রচলিত আইন মোতাবেক ভূমি উন্নয়ন কর পরিশোধ করা এবং নিম্নোক্ত শর্তাবলী সাপেক্ষে ৯৯ (নিরানব্বই) বৎসরের জন্য দীর্ঘ মেয়াদী লীজ প্রদান করিলেন। এই লীজ ০৮/১১/২০১৮ খ্রিঃ তারিখ হতে বলবৎ হইবে এবং সরকারের অনুমোদনক্রমে লীজ মেয়াদ পরবর্তী যে কোন নির্ধারিত মেয়াদের জন্য নবায়ন যোগ্য হইবে।

মিঃ আব্দুল হক
এ.সি.এম. হুসুন্না মাদান
জাঃ মিঃ আব্দুল হক
ডেপুটি-সেক্রেটারি
স্বাক্ষরিতঃ

স্বাক্ষরিতঃ
মন্ত্রণালয়ঃ
১৫/১১/১৮

৩৫

৩৫



পাঁচ

টাকা

১৮৬১০৫৫
T. ৩. ১১০

মোঃ মিজানুর রহমান
ডেপুটি ম্যানেজার
বেঙ্গল টেলিফোন কর্পোরেশন

এই মর্মে সম্যকভাবে অবগত হইয়া স্বজ্ঞানে ও স্বেচ্ছায় উভয় পক্ষ উপস্থিত সাক্ষীগণের সম্মুখে

উপরে বর্ণিত তারিখে এই লীজ দলিলে সীল স্বাক্ষর করিয়া সম্পাদন করিয়া দিলেন।

মোঃ হুসাইন কবীর
মোঃ কামাল
মতি রহমান
মোঃ তুহা
মুসলিম
হুসৈন

মোঃ কামাল
০৮/১১/১৫

(প্রথম পক্ষের দস্তখত)
জেলা কালেক্টর, শেরপুর
এর পক্ষে
এ বি এম এহছানুল মামুন
অতিরিক্ত জেলা প্রশাসক (রাজস্ব)
শেরপুর।

মোঃ হুসাইন কবীর
মোঃ কামাল
উপস্থিত সাক্ষীগণের নামঃ

মোঃ কামাল
০৮/১১/১৫

(২য় পক্ষের দস্তখত)
মোঃ মিজানুর রহমান
ডেপুটি ম্যানেজার
বেঙ্গা, বিডিবি এল ভবন, (লেবেল-১৫)
১২, কারওয়ান বাজার, ঢাকা-১২১৫।

মোঃ হুসাইন কবীর
মোঃ কামাল
১। মোঃ মিজানুর রহমান
ডেপুটি ম্যানেজার
বেঙ্গল টেলিফোন কর্পোরেশন
২। মোঃ মিজানুর রহমান
ডেপুটি ম্যানেজার
বেঙ্গল টেলিফোন কর্পোরেশন
মোঃ কামাল
মোঃ তুহা
মুসলিম

মোঃ আব্দুল হালিম
রেবন্ড কিপার
সদর মহাফেজখানা, শেরপুর।
০৮/১১/১৫

মোঃ মিজানুর রহমান
ডেপুটি ম্যানেজার

১৫



১৫

পাঁচ

টাকা

হাজিরা-১৯৬১-৬২

১৯৬১-৬২

১৯৬১-৬২

হাজিরা-১৯৬১-৬২

১৯৬১-৬২

১৯৬১-৬২

জমির তপসি

জেলা- শেরপুর, উপজেলা- শেরপুর সদর, মৌজা- চরপক্ষিমারী, জে.এল নং- ০৭

মৌজার নাম	আরএস খতিয়ান নং	আর এস দাগ নং	জমির শ্রেণী	জমির পরিমাণ (একর)
চরপক্ষিমারী-০৭	০১	৩৬১৩২	কান্দা	০.১৯০০
	০১	৩৬১৩৩	নামা	০.০৮০০
	০১	৩৬১৩৮	কান্দা	০.৩১০০
	০১	৩৬১৩৯	কান্দা	০.২৭০০
	০১	৩৬১৪৩	কান্দা	০.২৭০০
	০১	৩৬১৪১	কান্দা	০.৭৬০০
	০১	৩৬১৪৬	কান্দা	০.১৩০০
	০১	৩৬১৪৭	কান্দা	০.২৮০০
	০১	৩৬১৪৮	কান্দা	০.৪৬০০
	০১	৩৬১৪৯	কান্দা	০.৩৫০০
	০১	৩৬১৫০	কান্দা	০.৪৮০০
	০১	৩৬১৫১	কান্দা	০.৪১০০
	০১	৩৬১৫৩	কান্দা	০.৩০০০
	০১	৩৬১৫৪	কান্দা	২.৬১০০
	০১	৩৬০৩৮	কান্দা	০.২৫০০
	০১	৩৬০৫৭	কান্দা	০.১০০০
	০১	৩৬০৭০	নামা	০.২১০০
	০১	৩৬০৭৯	কান্দা	০.৪০০০
	০১	৩৬০৮০	কান্দা	০.০৫০০
	০১	৩৬০৯০	নদী	১৫.৪৫
	০১	৩৬০৯১	কাশিয়াবন	২০.৩২
	০১	৩৬০৯২	নামা	৪৪.০৫
	০১	৩৬০৯৫	কাশিয়াবন	০৪.৮৯
	০১	৩৫৯৯৬	কান্দা	০.১০০০
	০১	৩৬০০৪	কান্দা	০.৪৬০০
	০১	৩৬০০৯	কান্দা	০.১৫০০
	০১	৩৬০১০	কান্দা	০.৪৩০০
	০১	৩৬০২১	কান্দা	০.০৯০০
	০১	৩৬০২২	কান্দা	০.০৭০০

শেরপুর জেলা-
শেরপুর সদর উপজেলা-
চরপক্ষিমারী (০৭)

শেরপুর জেলা-
শেরপুর সদর উপজেলা-
চরপক্ষিমারী (০৭)

১৫

১৫



পাঁচ

টাকা

৪

৯৮৬১০৫৭

১৫৭৩০ : ১৫৬৩৫ : ১৫৬৩৫
 - ১৫৬৩৫ : ১৫৬৩৫

মৌজার নাম	আরএস খতিয়ান নং	আর এস দাগ নং	জমির শ্রেণী	জমির পরিমাণ (একর)
চরপক্ষীমারী-০৭	০১	৩৬০৯৬	কান্দা	১০.৯০
	০১	৩৬১০২	কান্দা	০.৮০০০
	০১	৩৬১০৯	কান্দা	০.৮৩০০
	০১	৩৬১২৬	নদী	১২.২৫
	০১	৩৫২৮৮	কান্দা	০.৩১০০
	০১	৩৫২৮৭	কান্দা	০.২৬০০
	০১	৩৫২৮৬	কান্দা	০.১১০০
	০১	৩৫২৮৫	কান্দা	০.১৭০০
	০১	৩৫২৬৯	কান্দা	০.১৫০০
	০১	৩৫৩৬৫	কান্দা	০.১৫০০
	০১	৩৫৩৭০	কান্দা	০.১১০০
	০১	৩৫৩৭১	কান্দা	০.০৯০০
	০১	৩৫৬৩২	কান্দা	.১০০০
	০১	৩৫৯৬২	বেড়ীবাধ	৩.০০০
	০১	৩৫৫৮৭	কান্দা	০.৫৪০০
	০১	৩৫৯২৩	কান্দা	১.৯৫০০
	০১	৩৫৯৬৩	বেড়ীবাধ	৫.৬২০০
	০১	৩৫৯৭০	কান্দা	১.০৯০০
	০১	৩৫৯৭৭	কান্দা	০.৩৬০০
	০১	৩৬২০১	কান্দা	১.৪০০
	০১	৩৬১৫৬	নামা	৫.০৪০০
	০১	৩৬১০৮	কাশবন	২.৮৭০০
	০১	৩৫২৮৫	কান্দা	০.১৭০০
	০১	৩৫২৮৬	কান্দা	০.১১০০
	০১	৩৫২৮৭	কান্দা	০.২৬০০
	০১	৩৫২৮৮	কান্দা	০.৩৪০০
	০১	৩৫৩০৮	কান্দা	০.১৭০০
	০১	৩৬০৯৬	নামা	৪.৭২০০
		৩৬৪৪০		
	০১	৩৬১০৯	নামা	০.৮৩০০
	০১	৩৫৩১২	নামা	০.১৭০০
			সর্বমোট=	১৪০.৯৭

১৫৭৩০ : ১৫৬৩৫ : ১৫৬৩৫
 - ১৫৬৩৫ : ১৫৬৩৫

১ ৯৮৬১০৫৮

স্বাক্ষরিত: ০৪/০৫/১৯

শর্তাবলীঃ

- ১। এই দলিলে বর্ণিত শর্তাবলী লীজ গ্রহীতা, তাহার উত্তরাধীকারী বা প্রতিনিধির উপর সমভাবে প্রযোজ্য হইবে এবং তাহারা শর্তাবলী মান্য করিতে বাধ্য থাকিবেন।
- ২। প্রযোজ্য হলে, লীজ গ্রহীতা লীজকৃত জমির ভূমি উন্নয়ন কর প্রচলিত হারে প্রতি বছর সময়মত এবং কিস্তিতে পরিশোধ করিবেন।
- ৩। এই লীজ মেয়াদ শেষ হওয়ার পূর্বে সরকারের পূর্বানুমোদন ব্যতিরেকে এই জমি হস্তান্তর করা যাইবে না।
- ৪। অর্থনৈতিক অঞ্চলের কাজ ব্যতিত কালেক্টরের পূর্বানুমোদন ছাড়া জমিতে কোন প্রকার খনন কাজ করা যাইবে না বা জমির কোন ক্ষতি করা যাইবে না। করা হইলে উহা ভরাট করা জমিকে পূর্বাভাস্য ফিরাইয়া আনার সমুদয় ব্যয়ভার লীজ গ্রহীতাকে বহন করিতে হইবে এবং ইহা সরকারী প্রাপ্য হিসাবে আদায় করা হইবে।
- ৫। লীজ গ্রহীতা এই জমি আগাছামুক্ত, পরিচ্ছন্ন এবং জনবিরজিকর অবস্থা হইতে মুক্ত রাখিবেন।
- ৬। প্রযোজ্য হলে, লীজ গ্রহীতা এই জমি ইমারতের উপর প্রচলিত নিয়ম অনুযায়ী যে কোন আরোপিত কর, ফিস, পৌরকর, বিদ্যুৎ ইত্যাদি বিল পরিশোধ করিবেন।
- ৭। লীজ গ্রহীতা এই জমির সীমানা ও আয়তন বজায় রাখিবেন এবং সীমানা পিলার/দেয়াল দ্বারা সীমানা সংরক্ষণ করিবেন। সীমানা চিহ্ন অপসারণ করা হইলে বা হারাইয়া গেলে লীজ গ্রহীতার ব্যয়ে উহা পুনঃস্থাপন/মেরামত করা হইবে এবং এই ব্যয় সরকারী প্রাপ্য হিসাবে আদায় করা হইবে।
- ৮। এই জমি জনস্বার্থে সরকারের প্রয়োজন হইলে কোন প্রকার ক্ষতিপূরণ ব্যতিরেকে লীজ গ্রহীতা সরকারের নিকট জমির দখল তাৎক্ষণিকভাবে প্রত্যর্পণ করিবেন। স্থায়ীভাবে সরকারের প্রয়োজন হইলে, অত্র লীজ তাৎক্ষণিকভাবে বাতিল বলিয়া গণ্য হইবে এবং লীজ গ্রহীতা নির্মাণ কাজ বা উন্নয়ন জনিত কাজের জন্য কালেক্টর কর্তৃক নির্ধারিত যুক্তসঙ্গত ক্ষতিপূরণ পাইবেন। যদি আংশিক জমি স্থায়ীভাবে বা সম্পূর্ণ জমি অস্থায়ীভাবে পুনঃগ্রহণ করা হয় তবে লীজ বাতিল হইবে না এবং হারাহারিভাবে বা সম্পূর্ণভাবে কর রেয়াত প্রাপ্ত হইবেন।
- ৯। লীজ দাতা এই জমির ভূগর্ভস্থ সম্পদের মালিক থাকিয়া যাইবেন এবং উক্ত খনিজ সম্পদ উত্তোলন/সংগ্রহের জন্য প্রয়োজনীয় প্রবেশ/নির্গমন পথ ও তৎসংশ্লিষ্ট অধিকার সরকার সংরক্ষণ করেন।
- ১০। অর্থনৈতিক অঞ্চলের কাজ ব্যতিত ডেপুটি কমিশনারের লিখিত অনুমোদন ছাড়া উক্ত জমিতে কোন ইমারত/পয়ঃপ্রণালী বা শৌচাগার নির্মাণ করা যাইবে না।
- ১১। লীজ গ্রহীতা বা তাহার প্রতিনিধি ২৪ ঘণ্টার নোটিশে যে কোন সময়ে এই জমি নির্মিত/নির্মানাধীন ইমারত/গৃহ পরিদর্শন করা অন্য কোন সঙ্গত কারণে পরিদর্শনের উদ্দেশ্যে লীজ গ্রহীতা লীজ দাতা বা তাহার প্রতিনিধিকে প্রবেশাধিকার দিবেন।
- ১২। এই লীজ চুক্তির কোন শর্তভঙ্গ করিলে বা অমান্য করিলে এই চুক্তিপত্র লীজ দাতা লিখিতভাবে একতরফা বাতিল করিতে পারিবেন। ইহাতে লীজ গ্রহীতা কোনরূপ ক্ষতিপূরণ দাবী করিতে পারিবে না। তবে লীজ গ্রহীতাকে ডেপুটি কমিশনার কর্তৃক উপযুক্ত সময়ের মধ্যে তাহার নির্মিত ইমারতাদি অপসারণ করিতে দেওয়া হইবে।
- ১৩। বর্ণিত জমি যে উদ্দেশ্যে বন্দোবস্ত দেওয়া হইয়াছে সে উদ্দেশ্য ব্যতিত অন্য কোন উদ্দেশ্যে ব্যবহার করা যাইবে না।
- ১৪। এই জমি সংক্রান্ত কোন বিরোধের ক্ষেত্রে সরকারী সিদ্ধান্তই চূড়ান্ত বলিয়া গণ্য হইবে।
- ১৫। এই জমি সংক্রান্ত সকল ক্ষেত্রেই সরকার পক্ষে জেলা কালেক্টর, শেরপুর এর পূর্বানুমতি গ্রহণ করিতে হইবে।

স্বাক্ষরিত: ০৪/০৫/১৯

১৫

১৫

পাঁচ

টাকা

ঠ ৯৮৬১০৫৯

চৌহদ্দীঃ

- উত্তরে : প্রস্তাবিত জমি সংলগ্ন ৩৬১২৫নং দাগ।
 দক্ষিণে : প্রস্তাবিত জমি সংলগ্ন ব্রহ্মপত্র নদ।
 পূর্বে : প্রস্তাবিত জমি সংলগ্ন চরযথার্থপুর মৌজা।
 পশ্চিমে : প্রস্তাবিত জমি সংলগ্ন ব্রহ্মপত্র বীজ।

সালামী পরিশোধের কিস্তিঃ

- প্রথম কিস্তি : প্রযোজ্য নহে টাকা তারিখের মধ্যে পরিশোধ করিতে হইবে।
 ২য় কিস্তি : প্রযোজ্য নহে টাকা
 ৩য় কিস্তি : প্রযোজ্য নহে টাকা
 ৪র্থ কিস্তি : প্রযোজ্য নহে টাকা

অত্র দলিল হলফনামা সহ ১০ ফর্দে লেখা। অত্র দলিল পাঠ করিয়া অবগত হইলাম।

মোসাবিদ্যাকারী

জুলফিকার আলী

মোঃ জুলফিকার আলী

পিতা- মৃত আব্দুল কাদের

সাং- হরিণধরা, পোঃ- মুন্সীরচর

উপজেলা- শেরপুর সদর, জেলা- শেরপুর।

সনদ নং- ১২৩।

জুলফিকার আলী
 মোঃ জুলফিকার আলী
 সদর মহকুমা, শেরপুর।

স্বাক্ষরিতঃ ১৫/০৫/১৯৮৬
 মোঃ জুলফিকার আলী

১

৯৮৬১০৬০

- (ঙ) প্রস্তাবিত হস্তান্তর বাংলাদেশ ল্যান্ড হোল্ডিং (লিমিটেড) আদেশ, ১৯৭২ (১৯৭২ সনের পি.ও নং- ৮) এর অনুচ্ছেদ ৫-এ অনুযায়ী বাতিল যোগ্য নহে। এক
- (চ) হস্তান্তরের জন্য প্রস্তাবিত স্থাবর সম্পত্তির বিবরণ সঠিকভাবে বর্ণিত হইয়াছে এক উহা অবমূল্য করা হয় নাই এক উল্লিখিত সম্পত্তি হস্তান্তরকরণে আবেদনকারীর বৈধ অধিকার রহিয়াছে।

আমি/আমরা আরও ঘোষণা করিতেছি যে,

আমি/আমরা দলিলে বর্ণিত সম্পত্তির নিরকুশ মালিক। অন্য কোন পক্ষের সহিত এই সম্পত্তির বায়না চুক্তি স্বাক্ষর হয় নাই বা অন্য কোথাও হস্তান্তর হয় নাই বা অন্য কোন পক্ষের নিকট বন্ধক রাখা হয় নাই।

দলিলে বর্ণিত সম্পত্তিতে আমার/আমাদের বৈধ স্বত্ব ও অধিকার বহাল আছে এক প্রদত্ত বিবরণ আমার/ আমাদের জ্ঞান ও বিশ্বাসমতে সত্য। তারিখ :.....

—মিঃ মোঃ রহমান—

মাস্টার এ.টি.এম

এক্সিকিউটিভ ম্যানেজার

জি.টি.সি

গেজট ডিপার্টমেন্ট

মেম্বার

ইন্ডাস্ট্রিয়াল

হলফকারী/হলফকারীগণের স্বাক্ষর :

মাস্টার মোঃ রহমান

(নং: মিঃ মোঃ রহমান—

সনাক্তকারীর ঘোষণা :

এই মর্মে ঘোষণা করিতেছি যে, হলফকারী/হলফকারীগণ আমার পরিচিত এক আমার সম্মুখে তিনি/তাহারা দলিলে স্বাক্ষর প্রদান করিয়াছেন (বা আমি তাহার বা তাহাদের বা নং ত্রমিকধারী হলফকারীর নাম বকলমে লিখিয়া দিয়াছি)।

সনাক্তকারীর স্বাক্ষর :

ইন্ডিয়ান

সাব-রেজিস্ট্রারের নাম ও পদবীসহ স্বাক্ষর ও তারিখ :

সাব-রেজিস্ট্রার মোঃ মোঃ রহমান

আব্দুল হালিম
সেক্রেটারি
সদর মহকুমা, গণেশপুর।

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