

Welcome to



web soft BD

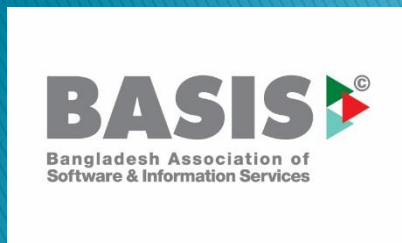
...for world wide identity

www.websoftbd.net

ISO Certified



BASIS Member



At A Glance

- ▶ **Web Soft BD** is a privately held ICT Company in Dhaka, Bangladesh.
- ▶ In the year of 2008; Web Soft BD was started journey.
- ▶ It has been achieved Certification of **ISO 9001:2015** & **BASIS** (Bangladesh Association of Software & Information Services).
- ▶ **Web Soft BD** was established by a group of professionals with a desire to provide the best **ICT (Information Communication Technology)** Solutions in Bangladesh and Abroad.
- ▶ The company **WEB SOFT BD**, an ICT company. At present is actively involved in operationalization of the **World Bank & JICA** funded project in Bangladesh:
 - ❑ “Agro-Meteorological Information Systems Development Project”
 - ❑ “Bangladesh Meteorological Department (BMD)”
 - ❑ “Bangladesh Water Development Board (BWDB)”
- ▶ **Developed already 1000 + projects in World Wide.**

Web Soft BD was established by a group of professionals with a desire to provide the best **ICT (Information Communication Technology)** Solutions in Bangladesh and abroad. We are experienced in Development of Agro-Meteorology System, Portal Development, Apps Development, A.I. Solution Domain Expert Services, Software Development, Data Center Solution, Networking, Server Solution, ERP Solution, Web Solution, Mail Solution, Corporate Support & Consultancy. We offer cutting edge solutions for today's interactive web sites.

The company **WEB SOFT BD**, an ICT company. At present is actively involved in operationalization of the **World Bank** funded project entitled “**Agro-Meteorological Information Systems Development Project**, Component-C of Bangladesh Weather and Climate Services Regional Project in Department of Agricultural Extension (DAE), Ministry of Agriculture(MoA), Bangladesh. Under this project, WEB SOFT BD has developed a dynamic and interactive portal named “**Bangladesh Agro-Meteorological Information (BAMIS) portal** (<https://www.bamis.gov.bd/>).

In Bangladesh, all the components of climate services are being displayed and communicated to the all engaged in services to the agriculture including the farmers. Ministry of Agriculture actively supports and campaign for the portal for benefit in agriculture in Bangladesh. The portal is very popular in Bangladesh. Besides, World Bank and other national and international organization appreciated the services rendered to the farmers in Bangladesh through this portal.

And, also Actively involved in operationalization of the “**Bangladesh Meteorological Department (BMD)**, [Ministry of Defence](#), Bangladesh. Under this project, WEB SOFT BD has developed a dynamic and interactive Portal, Apps, Software, Weather Automated Dissemination System, Meteorological Data Assessment Sub System, Earth Quack Apps and other ICT services. Named: www.bmd.gov.bd And, also Actively involved in operationalization of the “**Bangladesh Water Development Board (BWDB)**, [Ministry of Water Resources, Bangladesh](#). Under this project, WEB SOFT BD has developed Development of hydrological services products such as sediment prediction & river bank erosion, hydrological drought prediction, salinity intrusion forecast, ground water outlook and forecast, surface water supply outlook etc. and upgrade of existing website to display real time data, products & warnings.

Our team has worked together to construct **SMRC's (SAARC Meteorological Research Centre)** website. Initially, farmers were offered free hydro-meteorological products (flood, drought, and cyclone) through a local NGO. Because these products were insufficiently accurate at the time, individuals in the market attempted to develop them as weather predicting products that could also be utilized in agriculture. We surveyed the field level work on hydrometeorology during this project. In addition, our team and we maintain and manage the **BMD** website. Various types of meteorological and agrometeorological data are collected at the field level and distributed to various organizations via a web site (API) that has an agreement to accept meteorological data like **DAE**.

In also addition, our team and we maintain and manage E-Commerce portal & Develop platform; with Mail Server of **Sunlife Insurance Company** (www.sunlifeinsbd.com). Various types of financial data are collected at the field level and distributed to various organizations via a Portal.

We also develop & maintaining Portal of **Bangladesh Olympic Association (BOA)** www.nocban.org. We also develop & maintaining Dynamic Web Site & Application of **Poly Cables Industries Ltd.** www.polycables.com.bd.

We also developed & maintaining near about 1000 Website, Portal, Apps, Newspaper Website, API, E-commerce site, Mail Server Solution in National & International level. We also provided various of IT Service in USA, UK, Singapore, Malaysia, Thailand, India & Others.

Similar potential works:

WEB SOFT BD has a long experience of working in the fields of meteorology, climatology, and agriculture. Initially, we designed and created web sites for BMD and SMRC to display meteorological parameters such as daily rainfall, temperature, drought, wind speed, and Sea Level Pressure etc., and Later, we established a data transfer system for real-time data from the field office to the head office via API. Now, **WEB SOFT BD** is in charge of maintaining and developing the BMD website.

Our Services:

- **Agro-Meteorological System Development**
- **Meteorological System Development**
- **Agriculture System Development**
- **Water System Development**
- **Web Solution**
- **Mail Solution**
- **Server Solution**
- **Apps Development (Android & IOS)**
- **Portal Development**
- **A.I. Solution**
- **Automation Solution**
- **System Development**
- **Data Center Solution**
- **Software Development**
- **ERP Development**
- **API Development**
- **Corporate Support**
- **Domain Expert Solution**

Server Speciality



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OUR SERVER STRENGTH

CLOUD SERVER

VPS SERVER

DEDICATED SERVER

CLOUD STORAGE



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EMAIL & PRODUCTIVITY New

Email



Business Email

Simple and powerful webmail.

Email & Productivity



Google Workspace New

Cloud-based email and productivity suite



Enterprise Email

Advanced and Corporate-class email.

SECURITY New



SSL Certificates

Powerful encryption for your data.



SiteLock

Over 5000 websites get attacked everyday. Get SiteLock and secure your website from hackers, viruses and malware.



Codeguard Website Backup

Your data is precious. Secure your website in just a few minutes



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CLOUD HOSTING RESELLER

4 DATA CENTER FACILITY LOCATIONS

GENUINE CLOUD SITE HOSTING PACKAGES

NO MONETARY RISKS TO BE ASSUMED



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Hosting New

Shared Hosting



Linux Shared Hosting

Perfect for smaller websites and blogs. Comes with cPanel, PHP, Apache and more



Windows Shared Hosting

Perfect for smaller websites, blogs, etc. Comes with Plesk, ASP, IIS and more



WordPress Hosting

A secure, reliable and powerful platform crafted for WordPress

Servers



Linux KVM VPS

With KVM Hypervisor implementation for a cost effective dedicated server experience



Dedicated Servers

Dedicated hardware and rock-solid performance; perfect for larger websites and apps



Windows Dedicated Servers

Dedicated hardware and rock-solid performance; perfect for larger websites and apps

Reseller Hosting



Linux Reseller Hosting

Start your hosting business today. Comes with free WHM, cPanel and WHMCS



Windows Reseller Hosting

Start your hosting business today. Comes with free Plesk and WHMCS

Tools



Codeguard Website Backup

Your data is precious. Secure your website in just a few minutes



SiteLock Malware Detector

Over 5000 websites get attacked everyday. Get SiteLock and secure your website from hackers, viruses and malware.



Acronis Cyber Backup New

Backup your data on the cloud - recover any time.



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Professional Cloud

Powerful Cloud Environment | Hassle-free setup | Simplified Prepaid Billing

Now with multi-domain support New





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Professional Reseller Web Hosting

- ✓ Unlimited Accounts
- ✓ Free WHMCS Software
- ✓ Free Dedicated IP address
- ✓ Free SSL Certification
- ✓ Free End User Support
- ✓ Private Name servers

**25 %
Discount**





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Silicon House - Reseller Web Hosting

Build Your OWN Global Business

Reseller Web Hosting Features

1. Cheapest Reseller Web Hosting with powerful features
2. Hosted in 256 GB RAM, Dual Hexa Core Servers
3. SSD Caching, 1 Gbps Port Speed
4. cPanel , Plesk Hosting Control Panel
5. Unlimited Reseller Web Hosting Options Available



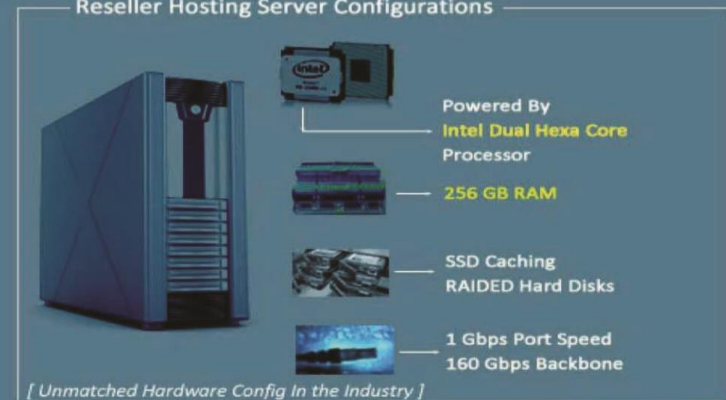
SiliconHouse.Net Reseller Web Hosting Infrastructure

- FAVDC - VLAN
- ANY CAST DNS
- WEB HOSTING RESELLER

Reseller Hosting Explained



Reseller Hosting Server Configurations



www.siliconhouse.net

Hosting more than 90,000+ super fast websites worldwide, using applications such as





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Why choose ?

Blistering fast and reliable SSD Cloud hosting and hundreds of un-biased and honest customer reviews, have unanimously chosen RSHosting as the best web hosting company.



Managed Hosting Specialist

Undisputed leader and web hosting specialist since 2003.



Ultra Fast SSD Cloud Hosting

Super fast web hosting, crafted by experts & evolved with time.



100% SLA Network Uptime Guarantee

Guaranteed 100% SLA Network Uptime.



24/7 Lightning Fast, Professional Support

Always available to help you, via Live Chat or email.



30 Day Money Back Guarantee

Try us with our "risk free" 30 day money back guarantee.

RECENTLY COMPLETED PROJECT

SL	Name of Works	Duration	Client
1	ICT Equipment for Bangladesh Agro- Meteorological Information System (BAMIS) (e.g. Web & Data Portal, Software, Data Convention and Web Server, Computer, Monitor, Printer, Digital color scanner, 2 VC System at DAE HQ and BARI Joydebpur)	2019-2023	AMISDP, DAE, Dhaka, Bangladesh
2	Strengthening of BAMIS Portal by incorporation of Agromet data base and information and development Crop Weather Calender for different major cereals, cash and horticultural crops. (Package No: AMISDP-SD-009)	2022-2023	AMISDP, DAE, Dhaka, Bangladesh
3	Supply, Design and Development with Installation of BMD Web Portal	2022-2023	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD)
4	Contract of consultancy services for development of Hydrological Services Products such as Sediment Prediction & river bank erosion, hydrological drought prediction, salinity intrusion forecast, ground water outlook and forecast, surface water supply outlook etc. and upgrade of existing website to display real time data, products & warnings. (Package No. : BWDB-C15) [EIMS-Alluvium-Web Soft BD (JV)]	2022-2023	BWDB Bangladesh Water Development Board Ministry of Water Resource

RECENTLY COMPLETED PROJECT

SL	Name of Works	Duration	Client
5	Artificial Intelligent (A.I) for Favorable Condition Weather Table, Pests Parameters, Diseases Parameters, Weather Matching, Pests, Disease with crop weather calendar Status ”.	2018-19	AMISDP, DAE, Dhaka, Bangladesh
6	API Development of MDASS & ADS of Current Weather Condition Apps; Development of Next GEN_PYCPT Module, SPI Module, Satellite Product Processing System for use in Forecasting, NWP Product Development (Lot-2).	2022	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD)
7	Supply of Multiple Fax Software, Existing ADS Apps Desktop Version to Web Version conversion, MDASS Data Conversion Software, Create Publication Data Module & Rain Data Module Software (Lot-2).	2022	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD)
8	Providing Hosting & Maintenance for the Web Portal www.BMD.gov.bd	2022	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD)
9	Providing Hosting & Maintenance for the Web Portal www.BMD.gov.bd (Lot -1)	2020	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD)
10	Seismological Apps Development (Bangla & English Language) for BMD existing web portal (Bangla & English Language) and Bangla Domain Registration, Hosting & Maintenance.	2019	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD)
11	Development & Maintenance of BMD web portal www.BMD.gov.bd & Providing Mail Server for 5 Years.	2017	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD)
12	Providing Hosting Server, Mail Server & Development of web site	2016	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD)
13	Pest And Disease Management System & Crops Management System with crop Weather Calendar	2018-19	AMISDP, DAE, Dhaka, Bangladesh

RECENTLY COMPLETED PROJECT

14	BMD Project Provide Hosting & Maintains for the Web Portal www.BMD.gov.bd	2020-21	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD)
15	BMD Project Aviation Application Development” For “Syedpur Airport” www.BMD.gov.bd	2019	Bangladesh Meteorological Department (BMD)
16	BMD Project Meteorological Data Acquisition Sub System (MDASS) - Software Development & Maintenance www.BMD.gov.bd	2017	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD)
17	A2I Project Data Collecting & Processing, Decoding & Data Archive, Reporting & Analyzing; Current Weather Tab in Web Site, Mobile APP for android user & SMS Gateway for push notification. www.BMD.gov.bd	2019	Access 2 Information (A2I), Government of Bangladesh, IDB Vhaban, Agargaon, Dhaka
18	A2I Project Automated Dissemination System (ADS) Development www.BMD.gov.bd	2017	Access 2 Information (A2I), Government of Bangladesh, IDB Vhaban, Agargaon, Dhaka, Bangladesh
19	BMD Project Meteorological Portal Development(English, Bangla), Installation, Integration, Upgradation & Earth Quack Application Development, Modification, Upgradation & Maintenance www.BMD.gov.bd	2016-21	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD), Agargaon, Dhaka, Bangladesh.
20	BMD Project Hosting Server, 3 Backup Server, Mail Server (5 Server) Setup, Installation, Integration, Update Maintains www.BMD.gov.bd	2016	Storm Warning Centre (SWC) Bangladesh Meteorological Department (BMD), Agargaon, Dhaka, Bangladesh.
21	Pest and Disease relationships, weather calendars for various crops and other related tasks.	2018-19	URO Agro Products, New Delhi, India
22	ICT Solution & Software Development Project ICT Solution & Software Development of Infrastructure Planning & its major application development for policy making and integrated planning. www.leadinteriorbd.com	2015-21	Lead Interior & Building Development Company Shah Ali Tower (11 th Floor),33 Kawran Bazar, Dhaka,Bangladesh
23	Human Development Foundation Project To set up, run or assist institutions of learning for imparting of knowledge, institutions for	2014-22	Human Development Foundation (HDF) Flat # 9/C, Rupayan-Shelford

Highlighted & Completed Project

Powered By:





বাংলাদেশ আবহাওয়া অধিদপ্তর Bangladesh Meteorological Department



- Home
- Service
- Observatories
- Notice
- Observance of National Mourning Day 2022
- About Us
- Contact Us
- AWS Data
- WB Project
- Mobile App

- Observation Network
- Climate Data Library

A low pressure ar

Satellite Image

Upozila Specific Forecast

প্রযুক্তির সাথে
উন্নয়নের পথে
নতুন সম্ভাবনা

Radar Image

Director (Current Charge)

- Forecast
- Warning
- Marine Meteorology
- Current Weather
- NWP Products
- Cyclone Page
- Monsoon
- HIWAT
- INSTANT Portal
- Earthquake
- Aviation Forecast
- Agromet
- Hydrology
- Weather chart
- Astronomy
- Heat Wave Alert

Today's Condition Dhaka

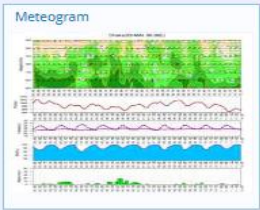
MAX 28.8 °C | MIN 19 °C

Partly Cloudy

Sunrise : 6:15 AM
Sunset : 5:12 PM

Rainfall : 0.0 mm; Sunrise : 6:15 AM
Wind : 9 kph; Sunset : 5:12 PM

Morning Humidity : 53%
Evening Humidity : 43%
Surface Pressure : 1012.3 hPa



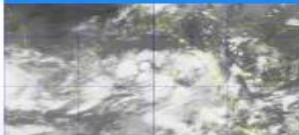
- Citizen Charter of BMD
- Press Release
- GO/NOC
- Golden Jubilee of Independence Corner
- Climate
- Publications
- Newsletter
- Journals
- Events
- Sahari Itar
- GRS
- Tender
- International Tender
- Office Order
- Innovation Corner



Sun & Moon

Dark Period 1

Satellite Image



Upazila Specific Forecast
EMMETT, WA

Forecast

Warning

Marine Meteorology

Current Weather

NWP Products

Cyclone Page

Monsoon

HIWAT

INSTANT Portal

Earthquake

Aviation Forecast

Agromet

Hydrology

Weather chart

Astronomy

Heat Wave Alert

Drought Monitoring

NextGEN_PyCPT

Online Data Purchase

Climate Data Portal

Recent Earthquakes

Bangladesh

Neighbors

Worldwide

SL	Time	Location	Magnitude
1	2022-11-17 16:25:10 BST	8km WSW of Idyllwild, CA	0.62 ml
2	2022-11-17 16:23:26 BST	3km SE of Lake Henshaw, CA	0.7 ml
3	2022-11-17 16:20:28 BST	6km NW of The Geysers, CA	0.35 md
4	2022-11-17 16:02:01 BST	65 km ESE of Denali National Park, Alaska	1.3 ml

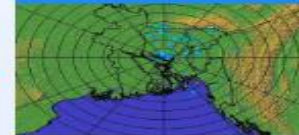
M 0.6 - 8km WSW of Idyllwild, CA

33°43'16.2"N 116°48'03.6"W
 Hemet Unified School District, CA, USA
[Directions](#)

[View larger map](#)

Time	2022-11-17 16:25:10 BST
Location	8km WSW of Idyllwild, CA
Distance from Dhaka	13004km
Latitude	33.7211667
Longitude	-116.801
Magnitude	0.62ml

Radar Image



Director (Current Charge)

Citizen Charter of BMD

Press Release

GO/NOC

Golden Jubilee of
Independence Corner

Climate

Publications

Newsletter

Journals

Events

Sahari Iftar

GRS

Tender

International Tender

Office Order

Innovation Corner

NIS

Meteorological Act

RTI

Aviation Software for Met-Data Transmission & Communication System



Aviation Observed Data Sharing System

Saidpur Airport


Username

Password

Sign In


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Aviation Software for Met-Data Transmission & Communication System



Aviation Observed Data Sharing System

Bangladesh Meteorological Department
Saidpur Airport




Home Admin


Observer	<input type="text"/>	Entry Time	2019-09-02 13:25:47
Update By	<input type="text"/>	Last Update	2019-09-03 01:25:47
Date	20190902	Observed Time	020700Z
Code	CORDER	Station	VGSD
Wind	<input type="text"/>	Visibility	<input type="text"/>
Weather	<input type="text"/>	Cloud	<input type="text"/>
TT	<input type="text"/>	TD	<input type="text"/>
RH	90	QNH	<input type="text"/>
End Sign	<input type="text"/>		
ROBEX	<input type="text"/>	Warning	<input type="text"/>

Auto Refresh in 120 Seconds

Planning & Implementation



System Development



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Android APP in Google Play Store: “BMD Current Weather”

The screenshot shows the Google Play Store interface for the 'BMD Current Weather' app. At the top, the navigation bar includes 'Google Play', 'Games', 'Apps' (highlighted), 'Movies & TV', 'Books', and 'Kids'. The developer's name 'websoftbd' is prominently displayed next to their logo, which features a globe and the text 'WebSoftBD For World wide business'. To the right, the text 'WEB S develc' is partially visible. Below the developer name, a section titled 'More by websoftbd' lists three other apps: 'BAMIS Admin' (with a key icon), 'BAMIS Portal' (with a plant and rain icon), and 'BMD Current Weather' (with a weather station icon). Underneath, the 'Additional Information' section provides links for 'Developer' (Visit website) and 'Report' (Flag as inappropriate). At the bottom, there are links for 'Google Play', 'Play Pass', 'Play Points', 'Gift cards', 'Redeem', 'Refund policy', 'Kids & family', 'Parent Guide', and 'Family sharing'.

Google Play Games Apps Movies & TV Books Kids

WebSoftBD For World wide business

websoftbd

WEB S develc

More by websoftbd

BAMIS Admin BAMIS Portal BMD Current Weather

Additional Information

Developer Visit website Report Flag as inappropriate

Google Play Kids & family
Play Pass Parent Guide
Play Points Family sharing
Gift cards
Redeem
Refund policy

Meteorological Observation Data Transmission Software

Zafar >> Dhaka Logout

Message List (Total: 3)


[+ New Message](#)

Subject	Date Start	Date End	Priority	Action
temps	2017-01-31	2017-01-31	2	Edit
SYNOP	2022-01-12	2011-01-22	1	Edit
Meeting Notice	2022-11-07	2022-11-07	3	Edit

Go to top Logout


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For World wide business

Aviation Observed Data Sharing System



Aviation Observed Data Sharing System

Bangladesh Meteorological Department
Saidpur Airport




[Home](#) [Admin](#)


Observer	<input type="text"/>	Entry Time	2019-09-02 13:25:47
Update By	<input type="text"/>	Last Update	2019-09-03 01:25:47
Date	20190902	Observed Time	020700Z
Code	CORDR	Station	VGSD
Wind	<input type="text"/>	Visibility	<input type="text"/>
Weather	<input type="text"/>	Cloud	<input type="text"/>
TT	<input type="text"/>	TD	<input type="text"/>
RH	90	QNH	<input type="text"/>
End Sign	<input type="text"/>	Warning	<input type="text"/>
ROBEX	<input type="text"/>		

Auto Refresh in 120 Seconds

Planning & Implementation



System Development



web soft BD
for world wide identity

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Multiple Fax Software System Development



WebSoftBD Fax Software

Sign in



Multiple Fax Software- Dash Board

WebSoftBD Fax Software New Fax Recipient Group Fax Status Realtime Status Logout

Admin (admin) Dashboard

- Dashboard
- Fax Management
 - New Fax
 - Fax Status
 - Realtime Status
 - Fax Category
- Attachment
 - Attachment List
- Recipient Management
 - New Recipient Group
 - Recipient Group List
- User Management
 - My Profile
 - User Accounts
 - Group Management
 - Route Management
- Settings
 - General Settings
 - Logout

Welcome to **WebSoftBD Fax Software**
Admin (admin)

Outgoing Queue 8	New Fax 84	Total Submitted 8782	Completed 2755
Success Rate 31.37%	User Busy 2997	No Answer 1982	No Dial Tone 901
Canceled 75	Error 62	Fax Service Online 2022-11-17 17:03:04 2 Seconds	Total Fax Job 901

WebSoftBD
For World wide business

Synoptic Data Decoding & Dissemination System

Automatic Dissemination System of current Weather Condition

log out

Dashboard

Synoptic Data Decoding

Current Time:17-11-2022 12:07:45 UTC

Dashboard

Download Current Table as CSV

User & Role Management

Station Date Hour Data of 2022-11-17 12:06:38(UTC)

Refresh

User Management

Role Management

Data Management

Division	Station Name With Index No.	Temp.(°C)			Humidity(%)			Clouds		Horizontal	Rain	Rainfall(mm)					Wind		
		Maximum	Current	Minimum	0300 UTC	Current	1200 UTC	Clouds Amount	Lowest Height	Visibility	Status	0006 UTC	0012 UTC	0018 UTC	0000 UTC	Total	Direction	Speed	M
Dhaka	Dhaka-41923	0	26.2	19.0	53	40	--	0	2500m+	5	Haze	0	0	0	0	0	360	02	K
^	Tangail-41909	0	23.5	16.8	76	40	--	0	2500m+	6	none	0	0	0	0	0	0	00	K
^	Faridpur-41929	0	24.5	17.3	64	42	--	0	2500m+	7	none	0	0	0	0	0	310	03	K
^	Madaripur-41939	0	22.8	17.2	84	46	--	0	2500m+	7	Haze	0	0	0	0	0	0	00	K
^	Aricha-41930	0	24.1	17.5	77	44	--	0	2500m+	7	none	0	0	0	0	0	0	00	K
^	Gopalganj-41938	0	22.0	16.6	71	44	--	0	2500m+	6	none	0	0	0	0	0	360	04	K
^	Narsingdi Sadar-41924	0	24.4	18.9	86	65	--	0	2500m+	4.0	Haze	0	0	0	0	0	50	03	K
^	Nikli-41902	0	24.0	17.6	81	52	--	0	2500m+	6	none	0	0	0	0	0	330	01	K
Mymensingh	Mymensingh-41886	0	24.4	17.2	78	49	--	0	2500m+	7	none	0	0	0	0	0	0	00	K
^	Netrokona-41888	0	24.1	17.6	83	46	--	0	2500m+	7	none	0	0	0	0	0	310	01	K
Chattogram	Chattogram-41978	0	27.8	20.1	67	36	--	0	2500m+	5	Haze	0	0	0	0	0	50	07	K
^	Sandwip-41964	0	23.1	17.9	68	50	--	0	2500m+	7	none	0	0	0	0	0	350	02	K
^	Sitakunda-41965	0	25.0	17.3	59	59	--	0	2500m+	4.0	Haze	0	0	0	0	0	0	00	K
^	Rangamati-41966	0	23.0	17.0	73	38	--	0	2500m+	5	none	0	0	0	0	0	0	00	K

+ Multiple Data Input

+ Manual Single Data Input

Data Archive

Data Decoding

Analysis & reporting

Missing List

Stations Management

Stations Management

Normal Data Management

Sun Data Management

Moon Data Management

Moon Phase Management

Max. Temp. Data Management

Min. Temp. Data Management

Eclipse Data Management

Meteorological Observation Data Transmission Software

Secure Login

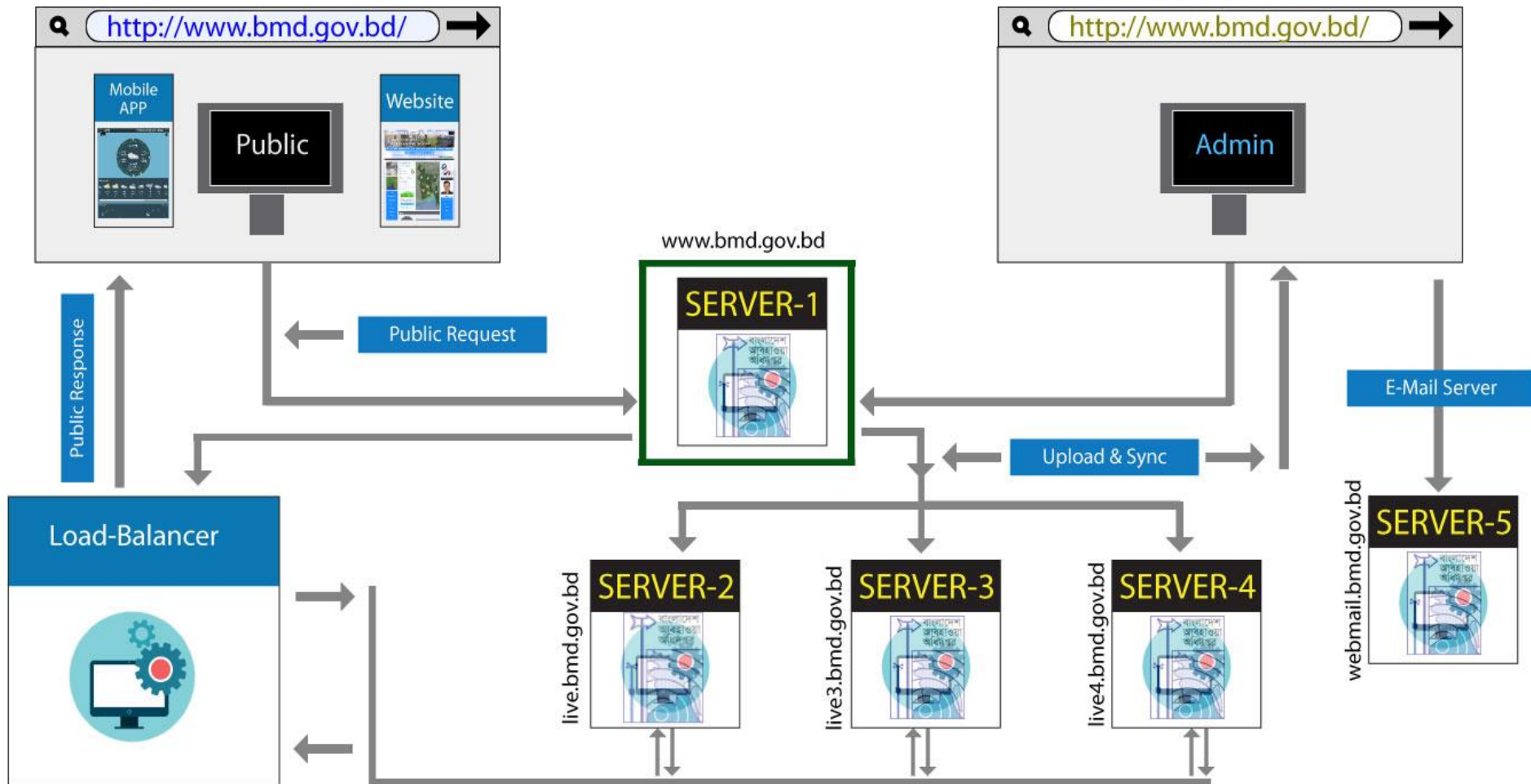
Meteorological Data Acquisition Sub-System

Username

Password

Login

BMD Server Integration System Solution



Bangladesh Agro Meteorological Information Portal



Bangladesh Agro-Meteorological Information Portal
Agro-Meteorological Information Systems Development Project
Department of Agricultural Extension

Home About Us Contact Us Letter, Allotment & Instructions News & Publication Satellite Products Special Advisory Gallery ৳ Bangla

irigation, fertilizer and pesticide application. Harvest mature crops quickly and store in a dry and safe place. Bacterial leaf blight may occur in Boro rice

Weather Information

Observed Weather Data	🔗
Medium Range Forecast	🔗
Other Forecast	🔗
Weather Warning	🔗

Climate Information

Rainfall	▼
Maximum Temperature	▼
Minimum Temperature	▼
Maximum Humidity	▼
Minimum Humidity	▼
Clouds	▼
Wind Speed	▼
Wind Direction	▼
Sunshine Hours	▼

River Information

River Situation	🔗
-----------------	---

Different Weather Observation

Drought Monitoring	🔗
SPI forecast for next two weeks	🔗
SPI for last four weeks	🔗
SPI Seasonal	🔗
Flood Information	🔗

Other Apps

Meetings / Seminar / Workshop

National Workshop organized by Agro-Meteorological Information Systems Development Project
Training organized by Agro-Meteorological Information Systems Development Project
Regional Workshop organized by Agro-Meteorological Information Systems Development Project

International Meetings / Workshop

ICAAT 2019 International Conference on Agriculture, Agrometeorology and Technologies
--

Project Director



Details

Notice from project director regarding information update of Region, District and Upazila

Region, District and Upazila information update form

Video News



Watch on  YouTube



Agromet Advisory Services

National Bulletin	🔗
District Bulletin	🔗
Outlook based on ERFS	🔗
Dissemination and Feedback of Agromet Advisory through SMS and IVR	🔗
SMS advisory	🔗
Alert Message	🔗
Other Modes of Dissemination of Advisories	🔗

Agromet Product

	🔗
--	---

Crop Weather Calendar of Bangladesh

Agro Meteorological Information Portal










Bangladesh Agro-Meteorological Information Portal
Agro-Meteorological Information Systems Development Project
Department of Agricultural Extension

Home About Us Contact Us Letter, Allotment & Instructions News & Publication Satellite Products **Special Advisory** Gallery Bangla

Weather Calendar

CROP WEATHER CALENDAR

 <p>Cotton</p>	 <p>Green Gram (Kharif 1)</p>	 <p>Green Gram (Rabi)</p>	 <p>Ground nut (Robi)</p>	 <p>Groundnut (Kharif - 1)</p>	 <p>Guava</p>
 <p>jackfruit</p>	 <p>Jute</p>	 <p>Lentil</p>	 <p>Maize (kharif-1)</p>	 <p>Mango</p>	 <p>Mazie (Rabi)</p>
 <p>Mustard</p>	 <p>Papaya</p>	 <p>Potato</p>	 <p>Rice Aman</p>	 <p>Rice Aus</p>	 <p>Rice Boro</p>
		 <p>Sugarcane</p>	 <p>Wheat</p>		

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Automation System Development of Bangladesh Agro Meteorological Portal








The screenshot displays the Bangladesh Agro-Meteorological Information Portal. The header features the title "Bangladesh Agro-Meteorological Information Portal" and "Agro-Meteorological Information Systems Development Project" under the "Department of Agricultural Extension". It includes logos for the Bangladesh Meteorological Department and the Department of Agricultural Extension, along with a portrait of a man and the text "স্বাভাবিক শতাব্দী ১০০". A navigation menu includes Home, About Us, Contact Us, Letter, Allotment & Instructions, News & Publication, Satellite Products, Special Advisory, Gallery, and Bangla. The main content area is titled "Weather Calendar" and "CROP WEATHER CALENDAR". It features a grid of 18 crop categories, each with a representative image and a label: Cotton, Green Gram (Kharif 1), Green Gram (Robi), Ground nut (Robi), Groundnut (Kharif - 1), Guava, Jackfruit, Jute, Lentil, Maize (kharif-1), Mango, Mazie (Rabi), Mustard, Papaya, Potato, Rice Aman, Rice Aus, Rice Boro, Sugarcane, and Wheat. The footer contains the copyright notice "© 2022 BAMIS All rights reserved".

Bangladesh Agro-Meteorological Information Portal
Agro-Meteorological Information Systems Development Project
Department of Agricultural Extension

Home About Us Contact Us Letter, Allotment & Instructions News & Publication Satellite Products **Special Advisory** Gallery Bangla

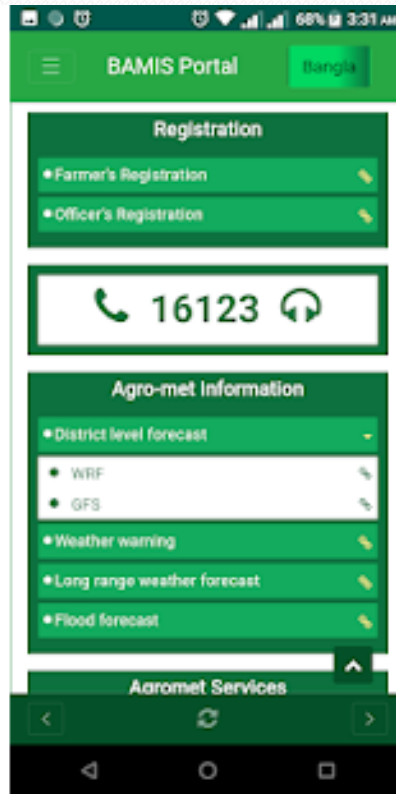
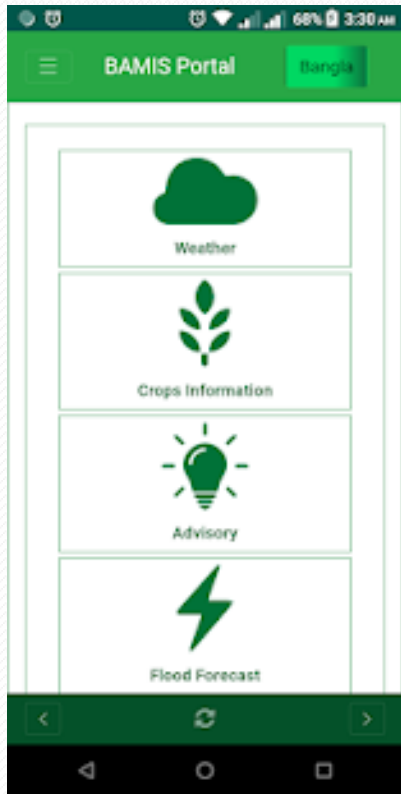
Weather Calendar

CROP WEATHER CALENDAR

 Cotton	 Green Gram (Kharif 1)	 Green Gram (Robi)	 Ground nut (Robi)	 Groundnut (Kharif - 1)	 Guava
 Jackfruit	 Jute	 Lentil	 Maize (kharif-1)	 Mango	 Mazie (Rabi)
 Mustard	 Papaya	 Potato	 Rice Aman	 Rice Aus	 Rice Boro
		 Sugarcane	 Wheat		

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IOS & Android APP in Google Play Store: “BAMIS Portal”



Automatic Ago-Met Advisory System

Rice Aman

- **Stage:** Grain Formation
- Apply irrigation.
- Maintain 2-5 cm land water level.
- Present weather condition is congenial for **False smut** infestation. Apply Fertilizer management.

Vegetable

- Powdery mildew disease can occur in cucumbers. For control, apply pesticides of the hexaconazole or mancozeb group.
- Eggplant may be attacked by tip and fruit borer under prevailing weather conditions. For control, cut and destroy the affected tip along with the insects. Insect reproduction is likely to be greatly reduced by using pheromone traps. Use spray of approval dose of insecticides, if necessary or recommended local organic insecticides may be used.
- Under the prevailing weather condition, there is a chance of aphid attack in beans and cabbage. Use the approved dose of Chloropyrix group of pesticides.
- Apply Irrigation.

Horticultural

- Farmers are advised to go for bagging of the banana bunches with muslin cloth or polyethylene before fruit set in order to protect the fruits from the attack of banana fruit and leaf scarring beetle.
- Guava may be attacked by caterpillars under the prevailing condition. For control, spray 05 grams of soap powder per liter of water.
- Coconut trees may be attacked by spiders under prevailing weather condition., all the young caconut of the affected tree should be cut down and burnt. Infected trees and nearby young trees should be sprayed with any spider repellent such as Omite 57 EC mixed in 1.5 ml of one liter of water.
- Apply Irrigation.

Mustard

- **Stage:** Flowering
- Advice for weedings in mustard fields.

Livestock

- Give Vaccination based on age and physical condition of cattle.
- Give dewormer if livestock are not given dewormed.
- Keep sheds and floors clean.
- If any disease symptoms appear, consult a veterinary doctor immediately for appropriate treatment.

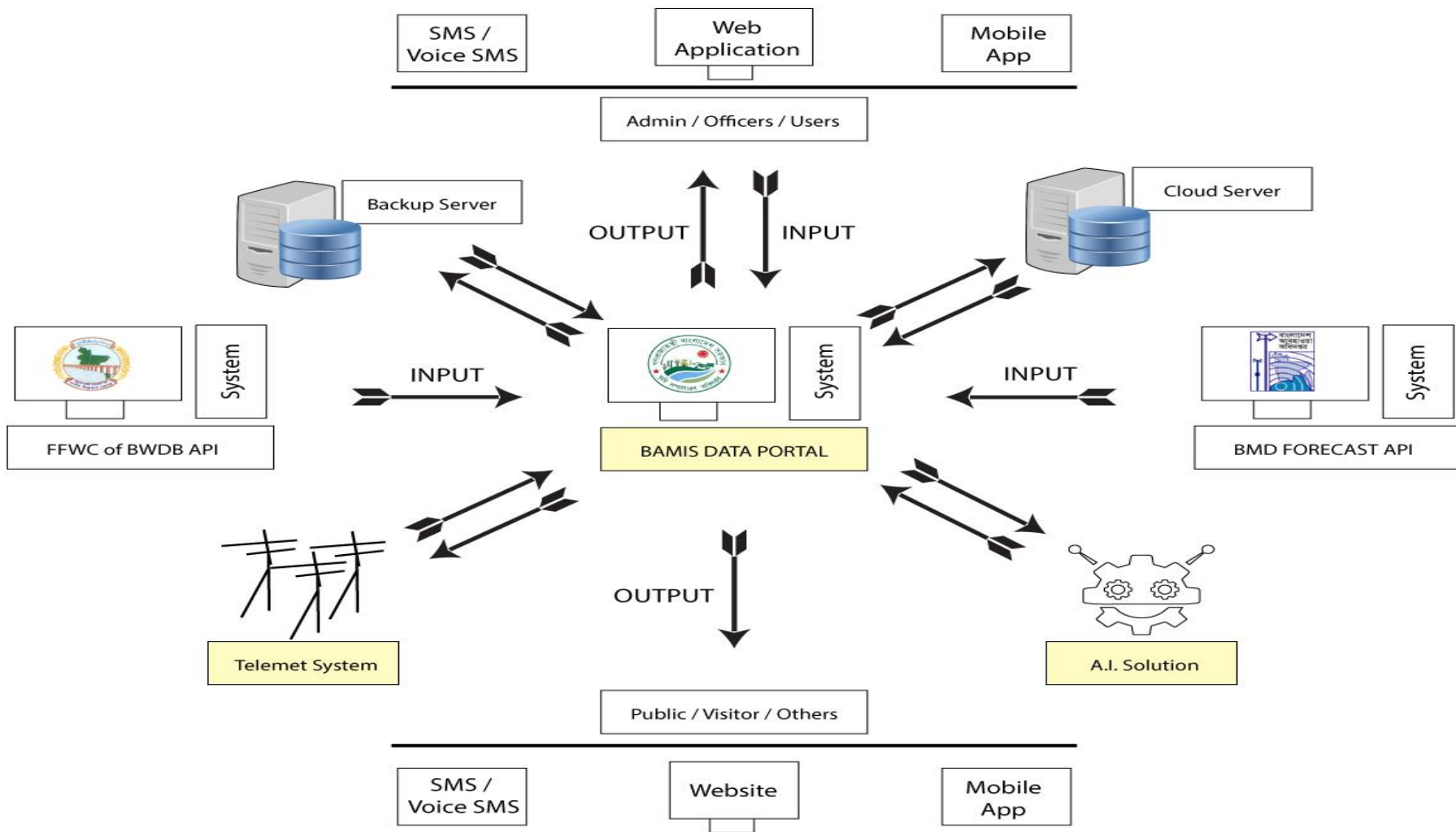
Poultry

- If any disease symptoms appear, consult a veterinarian doctor immediately for proper treatment
- High power bulbs (100 watts or more) in the poultry shed for 1-2 hours after dusk will increase egg production and diseases will reduce.

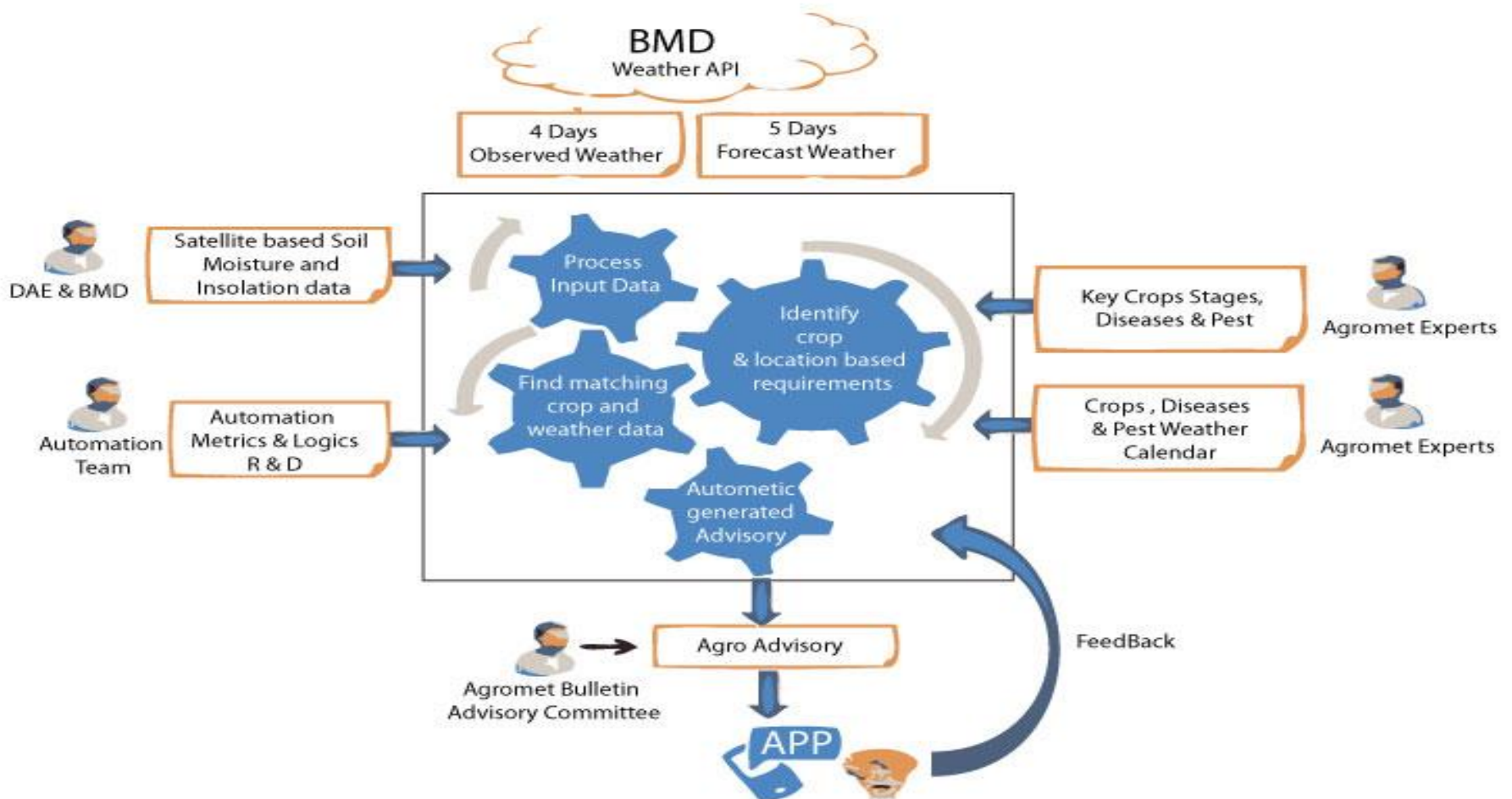
Fishery

- Contact the nearest upazila fisheries office if any fish disease occurs or if the desired growth is not achieved.

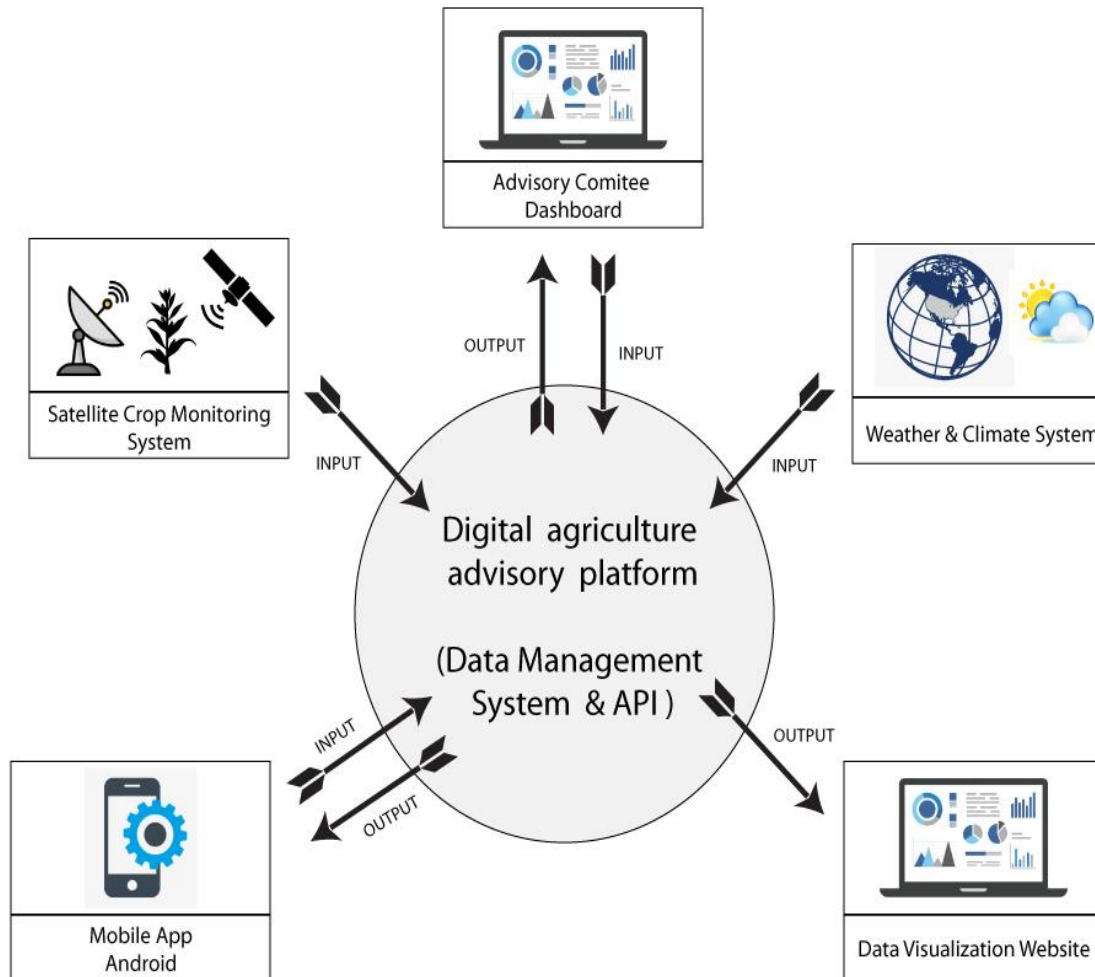
National Agro-Meteorology Web Portal in Bangladesh (www.bamis.gov.bd)



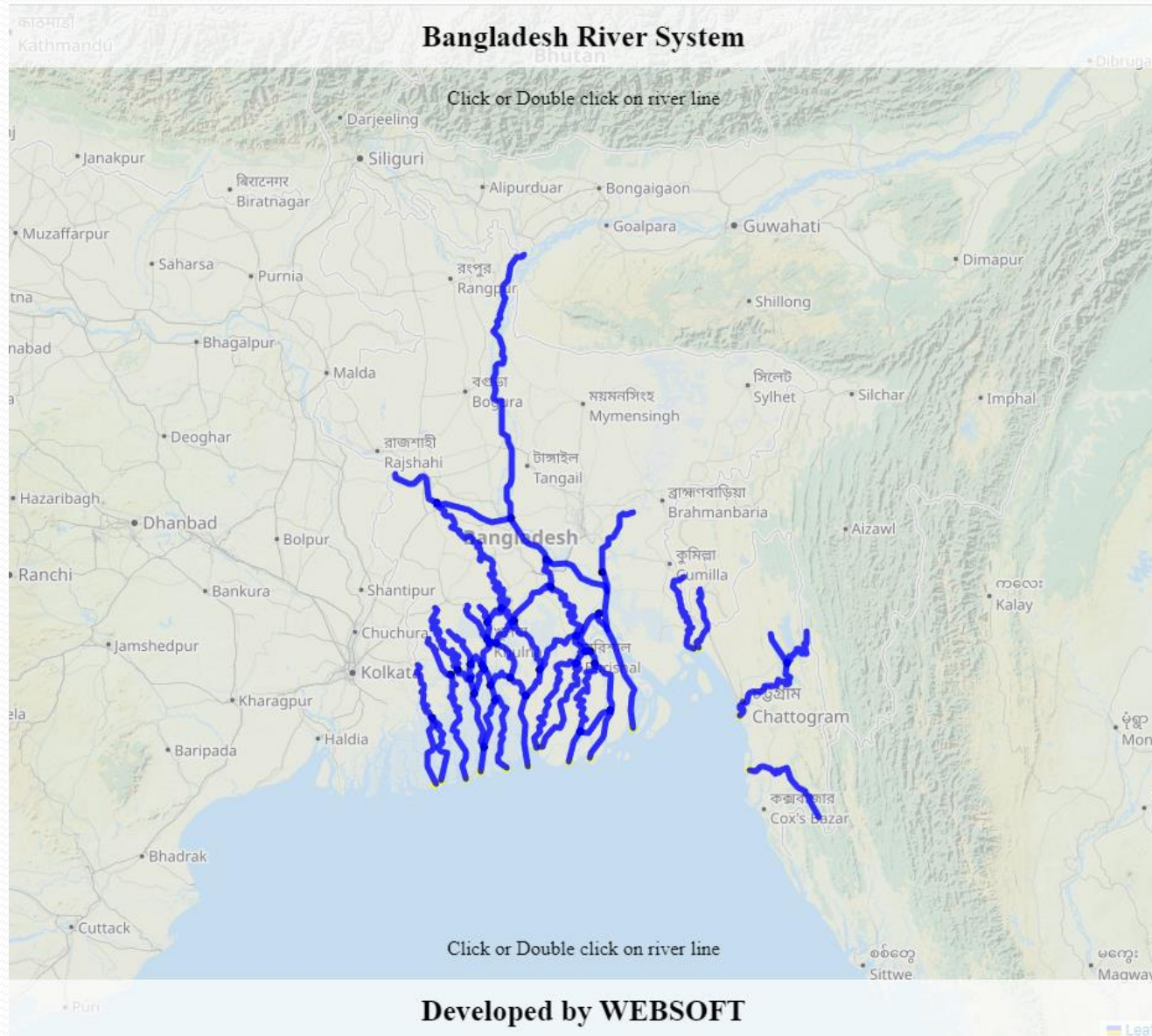
Artificial Intelligence (A.I.) Development for BAMIS



Automatic Agro-Met Advisory System



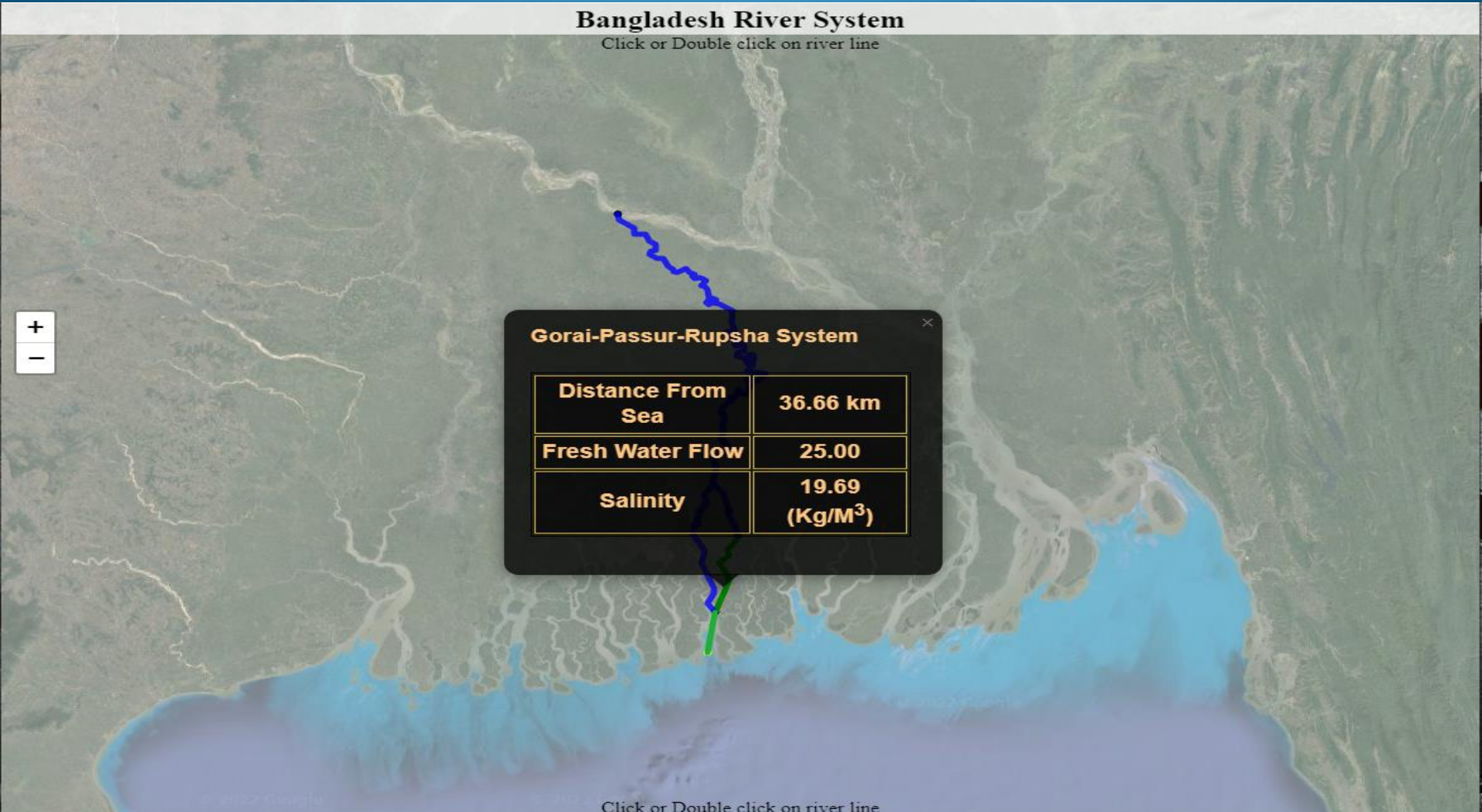
Salinity Erosion & Prediction Model



Salinity-model-Development for Bangladesh Water Development Board

Bangladesh River System

Click or Double click on river line



Gorai-Passur-Rupsha System

Distance From Sea	36.66 km
Fresh Water Flow	25.00
Salinity	19.69 (Kg/M ³)

© 2022 Google

Click or Double click on river line

Developed by WEBSOFT

Leaflet | © OpenStreetMap

Salinity-model-development For Bangladesh Water Development Board



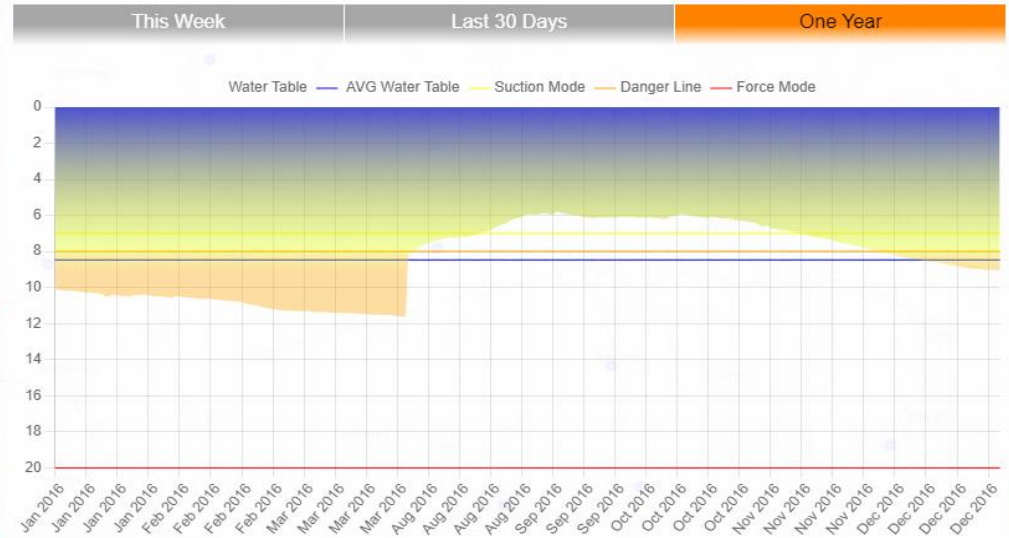
Developed by WEBSOFT

Water Level Visualization & Prediction - for Bangladesh Water Development Board

Ground Water Data

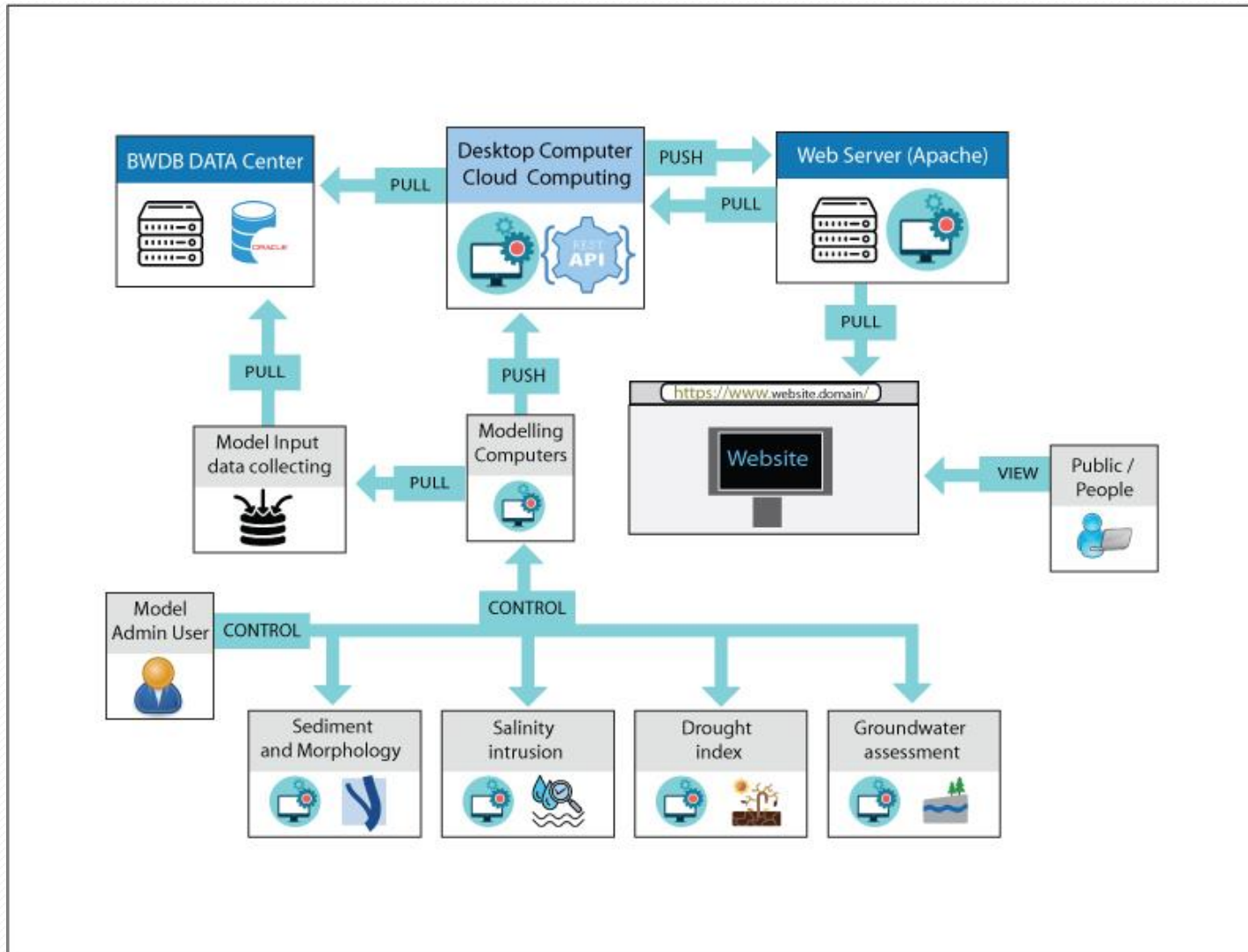
Paba, Rajshahi (পবা, রাজশাহী)

WELL: (GT8172035) , Paba, Rajshahi



WELL_ID	GT8172035
Depth	23.78
District	Rajshahi
Upazila	Paba

Bangladesh Water Development Board (BWDB) Project Workflow Diagram



Artificial Intelligence (AI) / Automation- Completed Project

Powered by:



WEB SOFT BD

A.I (Artificial Intelligence) & Automation Completed list:

- ❑ A.I (Artificial Intelligence) based Task & Application
- ❑ Collecting BMD observed data and store to BAMIS SERVER
- ❑ Generating of 64 District data based on 36 weather stations
- ❑ Generating 5 days WRF forecast for 64 Districts
- ❑ Collecting BMD authorized pdf of observed data and store then as csv data
- ❑ Collecting satellite images and store them in BAMIS SERVER
- ❑ Collecting FFWC data and showing them in BAMIS PORTAL
- ❑ Collecting and displaying BMD forecast, observed, nwp-model, warnings and other data in BAMIS PORTAL
- ❑ Automatically checking favorable weather conditions for crop
- ❑ Automatically checking favorable weather conditions for pests & disease
- ❑ Automatically generating weather table
- ❑ Automatically preparing District Bulletin documents
- ❑ Automatic bulletin generator

Collecting BMD observed data

Collecting BMD observed data and store to BAMIS SERVER

BAMIS
কৃষি আনবহাওগা

Navigation ☰ **BMD Observed data Management** 🏠 / BMD / OBSERVED <

Dashboard

Overview 🗑️ Trash ➕ New Data

Stations Data (Overview)

Division: --- Region: --- District: --- Station: ---
Date Start: 07/13/2022 Date End: 07/16/2022 Parameter: All parameters Data Record: Hourly
Start from: 0 Limit: 0 Name: View Details 🔍 Search 📄 Export

SL	Station	State Code	Observed Time (UTC)	Observed Hour (UTC)	Humidity	Rainfall	Clouds Amount	Lowest Cloud Height	Surface Horizontal Visibility	Temperature	Maximum Temperature	Minimum Temperature	Dew Point	Wind Direction	Wind Speed	Action
1	Chattogram (চট্টগ্রাম)	41978	2022-07-16 06:00:00	06	55	0.00	4	4	6	34.9	-1.0	-1.0	25.0	160	8.0	
2	Bogura (বগুড়া)	41883	2022-07-16 06:00:00	06	60	0.00	5	5	6	34.0	-1.0	-1.0	25.0	130	5.0	
3	Barishal (বরিশাল)	41950	2022-07-16 06:00:00	06	65	0.00	5	4	5	33.4	-1.0	-1.0	25.0	120	4.0	
4	Sylhet (সিলেট)	41891	2022-07-16 06:00:00	06	67	15.60	7	4	6	33.7	-1.0	-1.0	27.0	180	2.0	
5	Rangpur (রংপুর)	41859	2022-07-16 06:00:00	06	62	0.00	6	4	5	34.5	-1.0	-1.0	27.0	90	2.0	
6	Feni (ফেনী)	41943	2022-07-16 06:00:00	06	55	0.00	5	4	4	33.6	-1.0	-1.0	24.0	180	2.0	

BMD Data Management ⤴

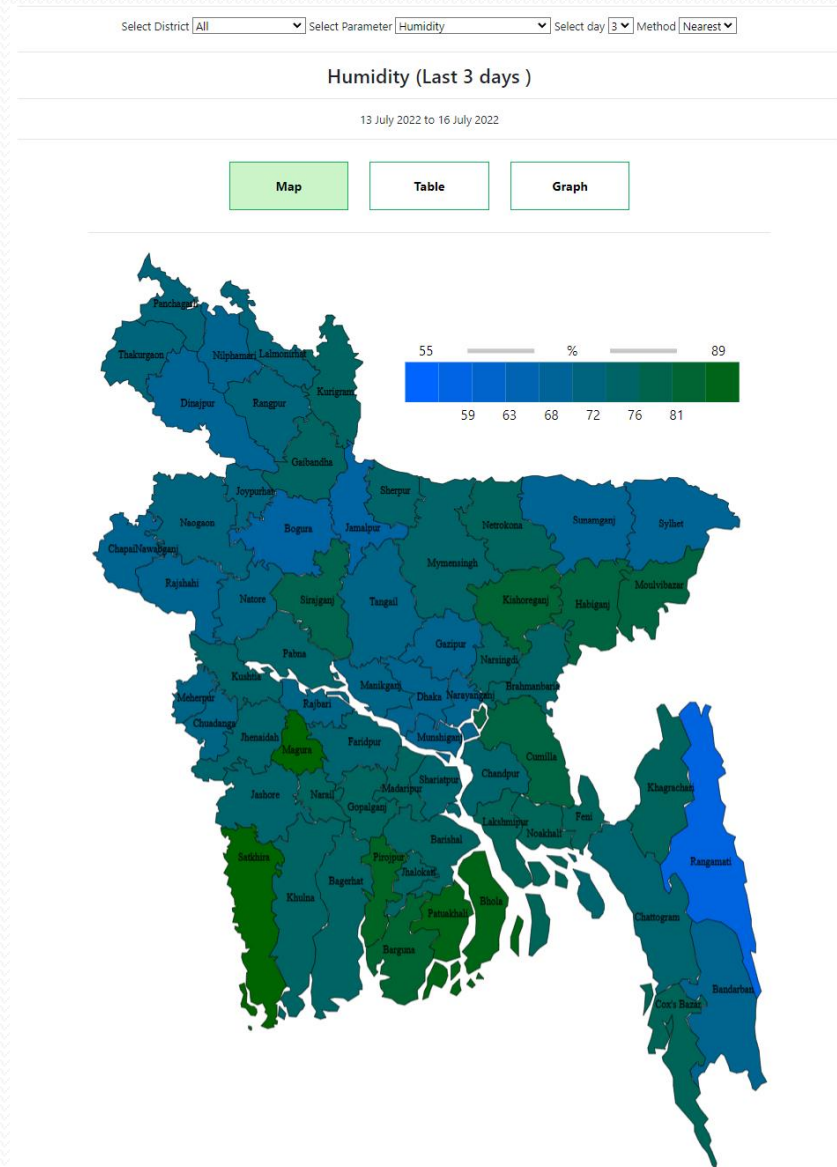
Stations 📄 **Observed** 📄 Document

Area Management ⤴

Visitor Management

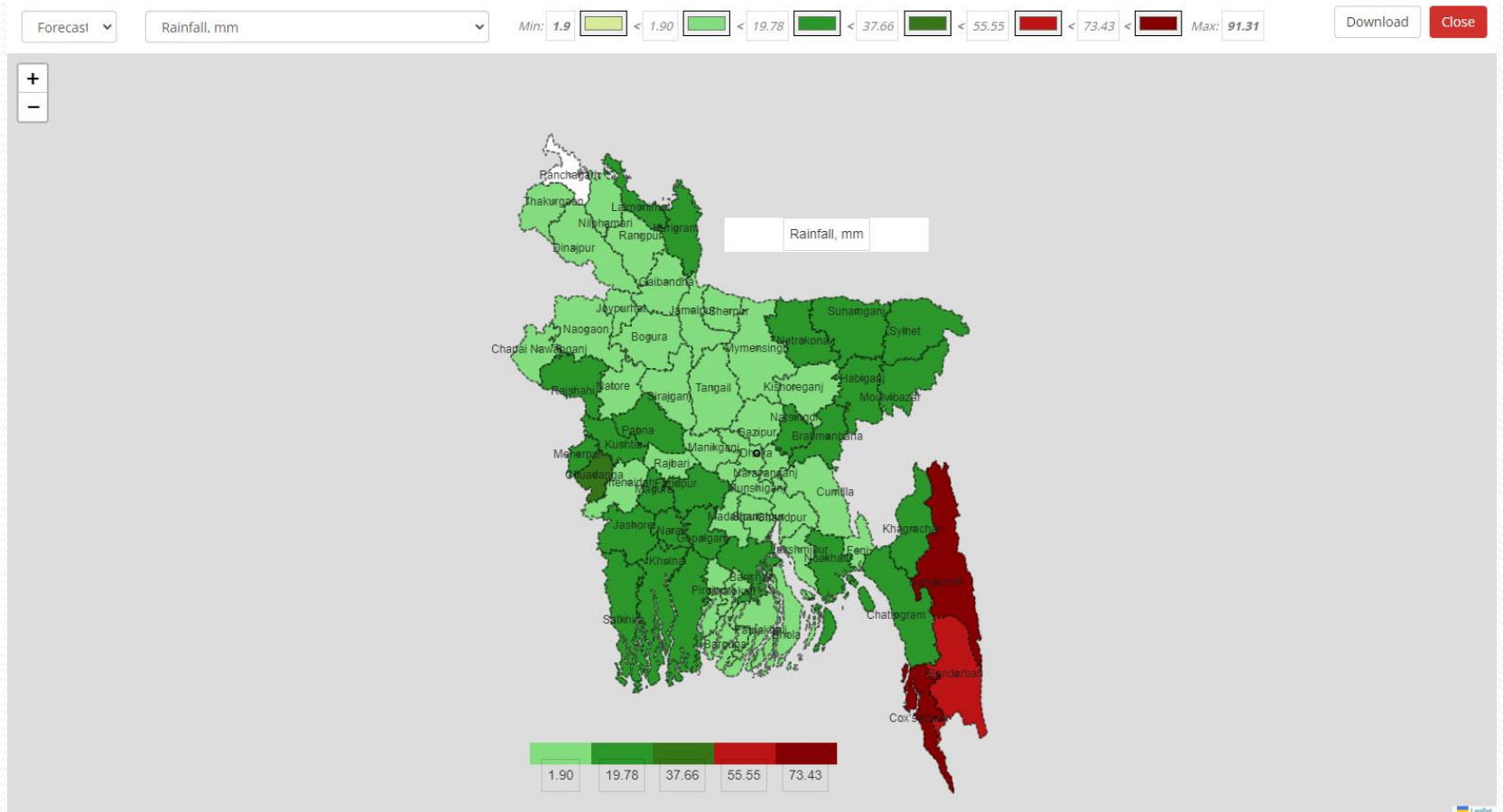
64 District data

Generating of 64
District data based on 36
weather stations



5 days WRF forecast

Generating 5 days WRF forecast for 64 Districts



Collecting pdf

Collecting BMD authorized pdf of observed data and store them as csv data

Bamis Automation

Get PDF(1) Make CSV(2) Get BMD(3) Check Data(4) Make DOCX(5) Convert PDF(5) Upload(6) Generate Custom(7) Convert Custom PDF(8) Download

Bulletin Number: Date:

WD Obs: WD Next: Cloud Obs: Cloud Next:

BMD PDF CSV JSON DOC PDF
Custom Custom PDF Others

- 2022-06-11
- 2022-06-12
- 2022-06-13
- 2022-06-14
- 2022-06-15

Microsoft Word - Weather Forecast english 1 / 1 100%

Govt. of the People's Republic of Bangladesh
Bangladesh Meteorological Department
Storm Warning Center
E-24, Agargaon, Dhaka-1207

Phone : 48119881, 48122496
Fax : 58152019, 48113333
E-mail : info@bmd.gov.bd
swc@bmd.gov.bd
Web site: www.bmd.gov.bd

Date: 11-06-2022
Weather Forecast Valid for 24 Hours Commencing 09 AM Today:
Synoptic Situation: Trough of low extended from Bihar to Gangetic West Bengal persists. Monsoon is fairly active over Northern part & less active elsewhere over the country. Monsoon is weak to moderate over North Bay.
Forecast: Light to moderate rain/thunder showers accompanied by temporary gusty wind is likely to occur at many places over Rangpur, Mymensingh & Sylhet divisions and at one or two places over Rajshahi, Dhaka, Khulna, Barishal & Chattogram divisions with moderately heavy to heavy falls at isolated places over northern part of the country.
Temperature: Day temperature may rise slightly and night temperature may remain nearly unchanged over the country.
Heat Wave: Mild heat wave may sweep at places over south-western part of the country.
Wind direction and speed at Dhaka : South/Southeasterly (10-15) kph. temporary gusting to (30-40) kph.
RH at 06 A.M. of Dhaka : 85%
Today's sunset at Dhaka : 06-46 PM
Tomorrow's sunrise at Dhaka : 05-10 AM
Outlook for next 72 hrs : Little change.
Rainfall for last 24 hours (till 06 AM today) and maximum temperature of yesterday, minimum temperature of today:

Name of Divisions	Name of Stations	Rain fall (mm)	Max. Temp (°C)	Min. Temp (°C)	Name of Divisions	Name of Stations	Rain fall (mm)	Max. Temp (°C)	Min. Temp (°C)
Dhaka	Dhaka	00	33.8	27.2	Rajshahi	Rajshahi	00	35.4	26.0
	Tangail	00	34.3	26.5		Ishurdi	00	35.2	26.3
	Faridpur	00	34.2	26.6		Bogura	00	32.8	27.0
	Madaripur	00	34.6	24.8		Badalgachhi	00	32.7	26.8

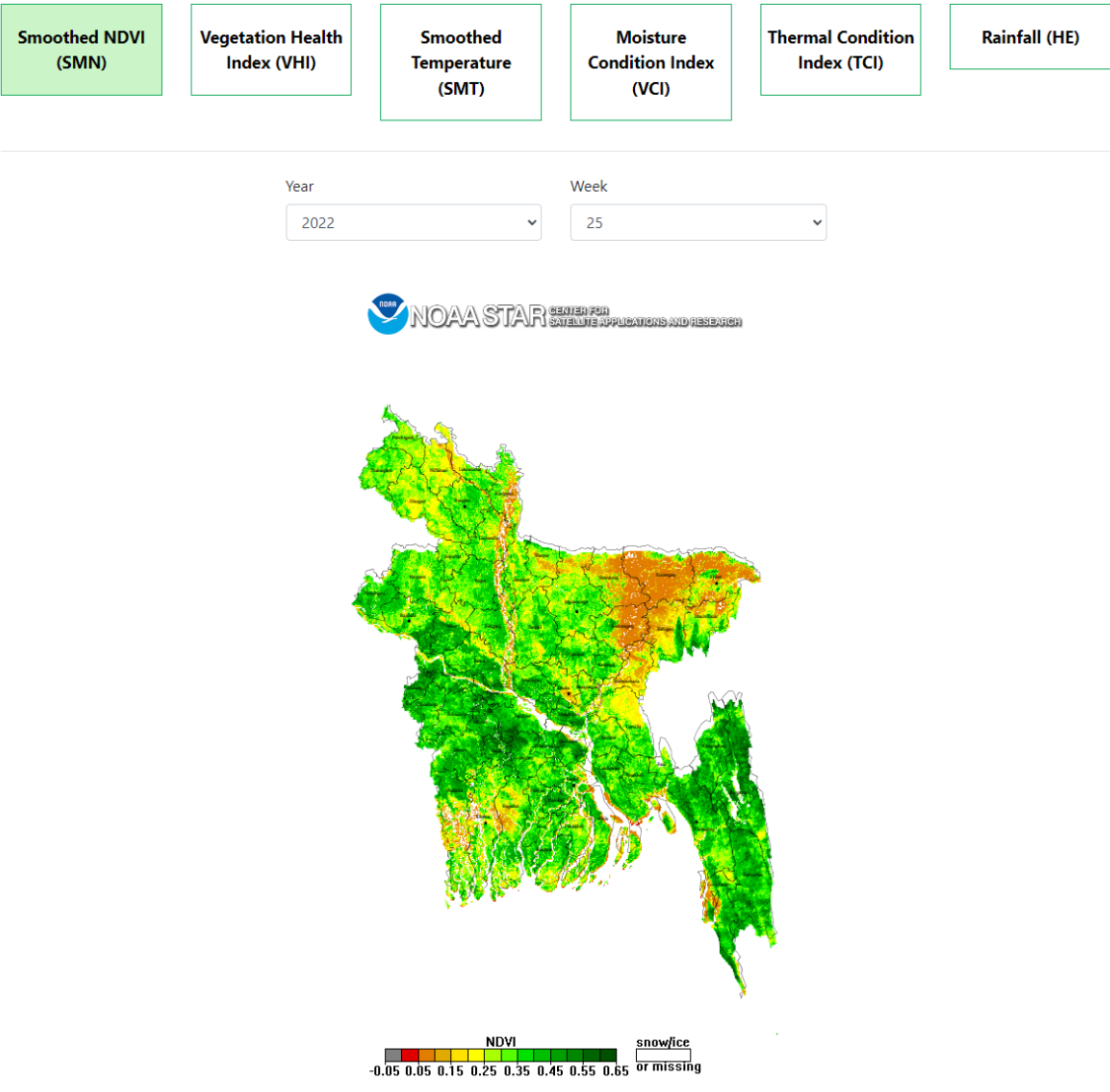
14:24:22:187: link is a pdf file...

14:24:22:186: Link changed: files/2022-06-15/pdf/2022-06-11.pdf

14:24:22:186: load_filelist Loaded

Collecting satellite images

Collecting satellite images and store them in BAMIS SERVER



Collecting FFWC data

Collecting FFWC data and showing them in BAMIS PORTAL



WATER LEVEL

TABLE OF WATER LEVELS : 16-07-2022

River Name	Location	Danger Level (mPWD)	WL - Observe (m)		WL - Forecast (m)				
			15-07	16-07	17-07	18-07	19-07	20-07	21-07
			06:00 AM	06:00 AM	06:00 AM	06:00 AM	06:00 AM	06:00 AM	06:00 AM
Brahmaputra Basin									
Atrai	Atrai	13.70	11.19	11.08	11.00	10.92	10.85	10.80	10.76
Jamuneswari	Badarganj	32.15	28.07	28.04	NP	NP	NP	NP	NP
Karatoa-Atrai-GGH	Baghabari	10.40	8.89	8.80	8.69	8.59	8.50	8.43	8.38
Upper Atrai	Bhusirbandar	39.60	36.32	36.12	NP	NP	NP	NP	NP
Karatoa	Bogra	16.30	11.89	11.84	11.76	11.68	11.63	11.63	11.67
Karatoa	Chakraimpur	20.15	15.29	15.24	15.21	15.17	15.14	15.10	15.08
Brahmaputra	Chilmari	23.70	21.83	21.77	21.69	21.64	21.58	21.58	21.58
Teesta	Dalia	52.60	51.65	51.65	NP	NP	NP	NP	NP
Jamuna	Dewanganj	19.00	NP	NP	NP	NP	NP	NP	NP
Ghagot	Gaibandha	21.70	19.20	19.06	18.96	18.86	18.79	18.79	18.74
Brahmaputra	Hatia	24.75	NP	NP	NP	NP	NP	NP	NP
Dhaleswari	Kalagachia	4.90	NP	NP	NP	NP	NP	NP	NP
Teesta	Kaunia	29.20	28.04	28.00	28.03	28.04	28.04	28.11	28.26
Jamuna	Kazipur	15.25	13.38	13.29	13.19	13.10	13.04	12.99	12.97
Dharla	Kurigram	26.50	24.32	24.24	24.14	24.04	23.94	23.94	23.89
Brahmaputra-Jamuna	Mathura	10.05	7.84	7.78	7.68	7.58	7.49	7.42	7.38
Atrai	Mohadevpur	18.60	13.45	13.36	13.32	13.32	13.48	13.53	13.55
Little Jamuna	Naogaon	15.25	11.81	11.72	11.64	11.56	11.50	11.45	11.41
Brahmaputra	Noonkhawa	26.50	24.04	23.96	NP	NP	NP	NP	NP
Upper Karatoa	Panchagarh	70.75	66.25	66.23	NP	NP	NP	NP	NP
Duukumai	Paleswari	30.05	27.60	27.49	NP	NP	NP	NP	NP
Ichamati-Jamuna	Phulbari	29.95	25.81	25.74	NP	NP	NP	NP	NP
Jamuna	Saghata	19.20	14.70	14.60	NP	NP	NP	NP	NP
Jamuna	Sariakandi	16.70	14.66	14.56	14.47	14.40	14.35	14.31	14.30
Jamuna	Serajganj	13.35	11.48	11.39	11.28	11.19	11.13	11.07	11.05
Bangali	Shimulbari	18.25	14.03	13.97	13.90	13.84	13.78	13.72	13.67

Displaying BMD Data

Collecting and displaying BMD forecast, observed, nwp-model, warnings and other data in BAMIS PORTAL

The screenshot shows the Bangladesh Agro-Meteorological Information Portal. The header includes the Bangladesh Meteorological Department logo, the Bangladesh Agro-Meteorological Information Portal title, and the Agro-Meteorological Information Systems Development Project logo. The main content area displays 'WRF Model Products' with a table of data and a rainfall map for the period 00Z, 16.07.22 to 00Z, 17.07.22.

Rainfall			Rainfall (District)			2m Temperature			Surface R.H.			Surface Wind		
Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3
Wind at 925 hPa			Wind at 850 hPa			Wind at 500 hPa			Wind at 300 hPa			Wind at 200 hPa		
Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3	Day 1	Day 2	Day 3

Rainfall(mm): 00Z,16.07.22 to 00Z,17.07.22

Source: <http://bmd.gov.bd/bn/nwp-products/wrf-model/>

Checking favorable weather conditions

Automatically checking favorable weather conditions for crop (*Under construction R&D*)

BAMIS
কৃষি আবহাওয়া

Admin
admin

A.I.

Crops Crops Districts Observed weather weather Forecast

Advisory

...



Crop: Maize

Maize

Season (Week)	2019-10-15,2020-05-01
Districts	Bogura, Rajshahi, Dinajpur, Rangpur
Stages	Sowing, Vegetative, Flowering & Anthesis, Ripening & Maturing
Pests	Fall army worm, Black Cut Worm, Leaf hopper, Jassid
Diseases	Stalk rot, Seed and seedling rot, Leaf blight, Corn ear and grain rot

Favourable Condition Show Weather Table Pests Parameters Diseases Parameters Weather Matching Pests & Diseases Status

Favourable Condition (Stages)

Stage	Thumb	Season (Week)	Temperature	Humidity	Rainfall	Details
Sowing		2019-10-15,2019-12-07	8,40	0,0	0,0	
Vegetative		2019-12-10,2020-01-31	7,5,34,5	0,0	0,0	

Checking pests & disease

Automatically checking favorable weather conditions for pests & disease
(Under construction R&D)

The screenshot displays the BAMIS web application interface. At the top, there is a navigation bar with the BAMIS logo and user information. Below this, a sidebar contains various navigation icons. The main content area is titled 'Advisory' and shows a dropdown menu for 'Crop' set to 'Maize'. Below this, a summary table for 'Maize' provides details on the season (2019-10-15 to 2020-05-01), districts (Bogura, Rajshahi, Dinajpur, Rangpur), stages (Sowing, Vegetative, Flowering & Anthesis, Ripening & Maturing), pests (Fall army worm, Black Cut Worm, Leaf hopper, Jassid), and diseases (Stalk rot, Seed and seedling rot, Leaf blight, Corn ear and grain rot). Below the summary, there are tabs for 'Favourable Condition', 'Show Weather Table', 'Pests Parameters', 'Diseases Parameters', and 'Weather Matching'. The 'Pests & Diseases Status' tab is active, showing four tables: 'How Favourable? last 5 Days (Pests Fall army worm)', 'How Favourable? last 5 Days (Pests Black Cut Worm)', 'How Favourable? last 5 Days (Pests Leaf hopper)', and 'How Favourable? last 5 Days (Pests Jassid)'. Each table lists districts and their corresponding pest/disease status. At the bottom, a 'Weather Checkup - Maize' table provides a detailed breakdown of pest and disease status across districts, categorized by pest/disease type and growth stage.

Season (Week)	2019-10-15:2020-05-01
Districts	Bogura, Rajshahi, Dinajpur, Rangpur
Stages	Sowing, Vegetative, Flowering & Anthesis, Ripening & Maturing
Pests	Fall army worm, Black Cut Worm, Leaf hopper, Jassid
Diseases	Stalk rot, Seed and seedling rot, Leaf blight, Corn ear and grain rot

How Favourable? last 5 Days (Pests Fall army worm)					
District	Pests	Temperature	Humidity	Rainfall	Status
Bogura	Fall army worm	50%	50%	50%	50.00%
Rajshahi	Fall army worm	50%	50%	50%	50.00%
Dinajpur	Fall army worm	50%	50%	50%	50.00%
Rangpur	Fall army worm	50%	50%	50%	50.00%

How Favourable? last 5 Days (Pests Black Cut Worm)					
District	Pests	Temperature	Humidity	Rainfall	Status
Bogura	Black Cut Worm	50%	50%	50%	50.00%
Rajshahi	Black Cut Worm	50%	50%	50%	50.00%
Dinajpur	Black Cut Worm	50%	50%	50%	50.00%
Rangpur	Black Cut Worm	50%	50%	50%	50.00%

How Favourable? last 5 Days (Pests Leaf hopper)					
District	Pests	Temperature	Humidity	Rainfall	Status
Bogura	Leaf hopper	50%	50%	50%	50.00%
Rajshahi	Leaf hopper	50%	50%	50%	50.00%
Dinajpur	Leaf hopper	50%	50%	50%	50.00%
Rangpur	Leaf hopper	50%	50%	50%	50.00%

How Favourable? last 5 Days (Pests Jassid)					
District	Pests	Temperature	Humidity	Rainfall	Status
Bogura	jassid	50%	50%	50%	50.00%
Rajshahi	Jassid	50%	50%	50%	50.00%
Dinajpur	Jassid	50%	50%	50%	50.00%
Rangpur	Jassid	50%	50%	50%	50.00%

Weather Checkup - Maize											
District	Pests			Diseases				Stages			
	Fall army worm	Black Cut Worm	Leaf hopper	jassid	Stalk rot	Seed and seedling rot	Leaf blight	Corn ear and grain rot	Sowing	Vegetative	Flowering & Anthesis
Bogura	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	44.44%	44.44%
Rajshahi	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	33.33%	33.33%
Dinajpur	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	44.44%	44.44%
Rangpur	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	44.44%	44.44%

Generating weather table

Automatically generating weather table for bulletin

+ New Bulletin

Bulletin Category: District Bulletin (জেলা বুলেটিন)

District: Bagerhat (বাগেরহাট)

Upazila: Districtwise

Upload Date*: 07/12/2022

AI Server: 134.195.208.13 - Online

Weather Table: **Load Weather Table** | New Weather Table | Load Observed Report 7 Days | New Observed Report 7 Days

Bulletin Weather Table Loaded Successfully


Weather Table: **Rainfall Chart** | Temperature Chart | Observed Data 7 Days | Forecast Data | Map

Name (English)*: Bulletin

Load Content from: 07/16/2022

Content English

Agromet Advisory Bulletin for Bagerhat District



Agro-Meteorological Information Systems Development Project
Component C of BWC SERP
Department of Agricultural Extension

Date: 12.07.2022 Bulletin No. no_of_bulletin **Agromet Advisory Bulletin for Bagerhat District (12.07.2022 to 16.07.2022)**

Weather Conditions for last four days (08.07.2022 to 11.07.2022)

Weather Parameters	08.07.2022	09.07.2022	10.07.2022	11.07.2022	Range
Rainfall (mm)	0.0	10.0	13.0	0.0	0.0-13.0 (31.0)
Maximum Temperature (° C)	32.3	24.0	33.7	33.0	22.5-34.0
Minimum Temperature (° C)	26.7	27.0	26.8	26.1	26.1-27.0
Relative Humidity (%)	73.0-91.0	63.0-86.0	71.0-98.0	74.0-95.0	63.0-98.0
Wind Speed (km/h)	2.3	2.3	2.1	2.3	2.1-2.3
Wind Direction	South/South-westerly	South/South-westerly	South/South-westerly	South/South-westerly	South/South-westerly
Cloud Amount (Okta)	5	4	7	4	1-6-5

Weather forecast as per Bangladesh Meteorological Department for the next 5 days (12.07.2022 to 16.07.2022)

Weather Parameters	Range
Rainfall (mm)	0.0-10.3 (20.3)
Maximum Temperature (° C)	33-33.5
Minimum Temperature (° C)	25.5-27.5
Relative Humidity (%)	55.0-80.7
Wind Speed (km/h)	9.2-20.1
Wind Direction	South/South-westerly
Cloud status	Partly cloudy

Text will be written here.

Preparing Bulletin documents

Automatically preparing District Bulletin documents

Bamis Automation

Get PDF(1) Make CSV(2) Get BMD(3) Check Data(4) Make DOCX(5) Convert PDF(5) Upload(6) Generate Custom(7) Convert Custom PDF(8) Download

Bulletin Number: 131 Date: 06/15/2022

WD Obs: data WD Next: data Cloud Obs: data Cloud Next: data

BMD PDF CSV JSON DOC

PDF Custom Custom PDF Others

preview

bagerhat

bandarban

barguna

barishal

bhola

bogura

brahmanbaria



chandpur

chapainawabganj

chattogram

chuadanga

Agromet Advisory Bulletin for Bagerhat District

	
	
Agro-Meteorological Information Systems Development Project Component-C of BWCSR Department of Agricultural Extension	
Date: 15th June 2022 Bulletin No. 131	Agromet Advisory Bulletin for Bagerhat District (15th June to 17th June 2022)

Weather Conditions for last four days (11th June to 14th June 2022) Dhaka/Mongla Station

Weather Parameters	2022-06-11	2022-06-12	2022-06-13	2022-06-14	Range
Rainfall (mm)	0.0	0.0	2.0	0.0	0.0-2.0 (2.0)
Maximum					999.0
Temperature (°C)	0.0	0.0	0.0	0.0	
Minimum					27.5-27.5
Temperature (°C)	27.5	0.0	0.0	0.0	
Relative Humidity (%)	62.0-94.0	60.0-94.0	59.0-90.0	68.0-89.0	59.0-94.0

14:50:28:618: link is a html file...

14:50:28:617: Link changed: files/2022-06-15/out_html/bagerhat.html

14:50:25:370: link is a html file...

Bulletin generator

Automatic bulletin
generator

(Under construction R&D)

The screenshot displays the BAMIS Automation web interface. At the top, the BAMIS logo and tagline 'কৃষি আবহাওয়া' are visible, along with a user profile for 'Admin' and a navigation menu. The main header is 'BAMIS Automation'. A sidebar on the left contains various icons for navigation. The central content area is titled 'Automation' and lists six training rules, each with a unique ID, a description in English and Bengali, a start date, an end date, and action buttons for 'Training / Conditions' and 'Delete'.

ID	Condition (English)	Condition (Bengali)	Start Date	End Date	Action
#1	The sky may remain cloudy and chance of heavy rain	আকাশ মেঘলা থাকতে পারে এবং ভারী বৃষ্টির সম্ভাবনা আছে	01/01/2020	12/31/2020	Training / Conditions, Delete
#2	Stop irrigating and do not apply pesticides or fertilizers	সেচ দেয়া বন্ধ করুন এবং কীটনাশক বা সার প্রয়োগ করবেন না	01/01/2020	12/31/2020	Training / Conditions, Delete
#3	Make a drain in the land for drainage	পানি নিষ্কাশনের জন্য জমিতে নালা তৈরী করে দিন	01/01/2020	12/31/2020	Training / Conditions, Delete
#4	Maintain the required water level in the land	জমিতে প্রয়োজনীয় পানির স্তর বজায় রাখুন	01/06/2020	01/10/2020	Training / Conditions, Delete
#5	Stop irrigating and do not apply pesticides or fertilizer	সেচ দেয়া বন্ধ করুন এবং কীটনাশক বা সার প্রয়োগ করবেন না	01/01/2020	12/31/2020	Training / Conditions, Delete
#6	stop the irrigation	stop the irrigation	01/01/2020	12/31/2020	Training / Conditions, Delete

At the bottom of the interface, there are two buttons: 'Add Training' and 'Check'.

Automation Completed list

- ❑ AI based Task & Application
- ❑ Collecting BMD observed data and store to BAMIS SERVER
- ❑ Generating of 64 District data based on 36 weather stations
- ❑ Generating 5 days WRF forecast for 64 Districts
- ❑ Collecting BMD authorized pdf of observed data and store then as csv data
- ❑ Collecting satellite images and store them in BAMIS SERVER
- ❑ Collecting FFWC data and showing them in BAMIS PORTAL
- ❑ Collecting and displaying BMD forecast, observed, nwp-model, warnings and other data in BAMIS PORTAL
- ❑ Automatically checking favorable weather conditions for crop
- ❑ Automatically checking favorable weather conditions for pests & disease
- ❑ Automatically generating weather table
- ❑ Automatically preparing District Bulletin documents
- ❑ Automatic bulletin generator

Benefit of the “Agro-Meteorological Information Systems Development” Project :

- Technical assistance and support for more effective production and dissemination of Agrometeorological advisories and products for the extension staffs and farming community.
- Forecasts for both short-term operational decisions and long-term strategic planning at the farm level.
- Improved communication about future weather and climate events – daily, weekly and seasonal weather forecasts and climate updates prepared for the farmers as well as other stakeholders.
- Support in selection of appropriate cropping patterns irrigation management, integrated pest and diseases management etc.
- Advisories for the farmers and extension staffs to select favorable time for transplantation, crop harvesting, crop drying, crop preserving, crop marketing, applying fertilizer and pest control elements etc.
- Early warning will help the farmers to reduce crop loss due to natural disaster.
- Advisories will be able to reduce other negative result from agriculture activities like possibility to sweep extra fertilizer and pesticide to surface water and affecting the ecosystem.
- Developed Crop Weather Calendar to agriculture management for sustainable development.

Benefit of the “Meteorological Information Systems Development Project” :

- The ultimate goal of weather forecasting is to protect human lives and property, improve health, safety, and economic prosperity.
- The Meteorological Information Systems Development Project helps in the development of trustworthy weather, water, and climate forecasts as well as make it possible for communities, particularly farmers, to easily access weather information services and disseminate information via various channels.
- Customized weather forecasts delivered to smartphones and rural meeting halls are helping farmers in Bangladesh better manage crops in the field as rain becomes more erratic.
- Meteorological Data System: Data obtained from several field stations via API established by WEB soft BD, comprising of meteorological parameters such as temperature, dew point, wind direction, wind speed, cloud cover, visibility, current weather, and precipitation amount.
- The Meteorological System provide data, products, and services, such as daily forecasts of temperature, humidity and air-quality as well as long-range predictions and severe weather warnings, that help in monitoring disease outbreaks important for planning and providing public health with Meteorological System.
- Bangladesh Meteorological Department website developed by WEB soft BD including all meteorological parameters as well as METEOGRAM for TEN days forecast.

Server Hit of During Cyclone SITRANG: Five web server was running by Load Balancer System:

- www.BMD.gov.bd, live.BMD.gov.bd
- Average Hit / Monthly: 46,00,000++ , Maximum Hit / Monthly: 150,00,000++

Benefit of the “Water Development System” Project :

- Water Development System **provides a central access point for water information**, transforming the current scenario of fragmented data across sectors and agencies, to a new paradigm of effective data collection, integrated and harmonized data warehouse and dissemination to all users.
 - Water Development Systems are useful for storing operational data, communication records, documents, and revision histories. Manual data storage will cost the company lots of time, especially when it comes to searching for specific data.
 - Water Development Systems **allow users to collect, store, organize and distribute data**—functions that can serve a variety of purposes for companies. Many businesses use their information systems to manage resources and improve efficiency. And some rely on information systems to compete in global markets.
 - **Improve work accuracy** more complex schedules of drivers means there are higher chances of human error, even the best operational staff will make mistakes. But delivery management software needs no manual work. Humans can make mistakes but software cannot, it will only work according to the code. Software and mobile apps increase work accuracy.
 - Water Development System Project created real time data visualization portal like as river water salinity evolution during winter and monsoon season as well as ground water table at different places of the country.
- Greater Work Efficiency
 - Increased Sales And Profit
 - Improve work accuracy
 - Enhanced Customer Trust real time customer feedback, direct orders, notification
 - Geofencing
 - Easy Workforce Management
 - Route Optimization manage drivers, quick deliveries, time, easy work force.

Client List

- Agro-Meteorological Information Systems Development Project (AMISDP)
- Bangladesh Meteorological Department (BMD)
- Bangladesh Water Development Board (BWDB)
- World Bank
- Storm Warning Centre (SWC), Bangladesh Meteorological Department (BMD)
- Farming Future, USA
- SAARC Meteorological Research Centre (SMRC)
- Bangladesh Olympic Association
- Environment Social Development Organization
- Meteorological Department of Dhaka University
- Sundarban Agro Lab, West Bengal, India
- DMGI Pte. Limited, Singapore
- URO Agro Products, New Delhi, India
- Bangladesh Archery Federation
- Human Development Foundation

Client List

- Lead Infosys
- Aesthetic International
- Karim & Karim, UK
- Villa Thawthisa Agro Green Resource, Maharashtra, India
- Sunlife Insurance Company Ltd.
- Sof Tel
- Brotherhood International Limited
- Meteorological Department of Dhaka University
- The Earth Science Technology and Policy Services (ESTEPS)
- Shark Ltd.
- Environment Social Development Organization
- Poly Cable Ind. Ltd.
- Villa Thawthisa Agro Green Resource, Maharashtra, India
- Lead Interior & Building Company

Some of our clients



W
UNIVERSITY of
WASHINGTON



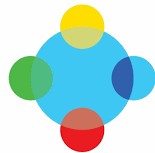
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