

Ministry of Jal Shakti Department of Water Resources, RD & GR



Water Information Management System (WIMS)



National Water Informatics Centre





National Water Informatics Centre(NWIC)

Online WIMS Training Session

Topic: Station Management, WIMS MIS Dashboard, Email & SMS and Manage Contacts

Date of Training: 23/08/2022

Venue: Online Webinar

Organised By: NWIC





Welcome

Water Information Management System (WIMS)



National Water Informatics Centre(NWIC)

Contact Details :9717135438

Trainer Name: Megha Panwar

Department: National Water Informatics Centre(NWIC)

Email Id :helpdesk-nwic@gov.in



WIMS - Water Information Management System



WIMS Live Application URL-

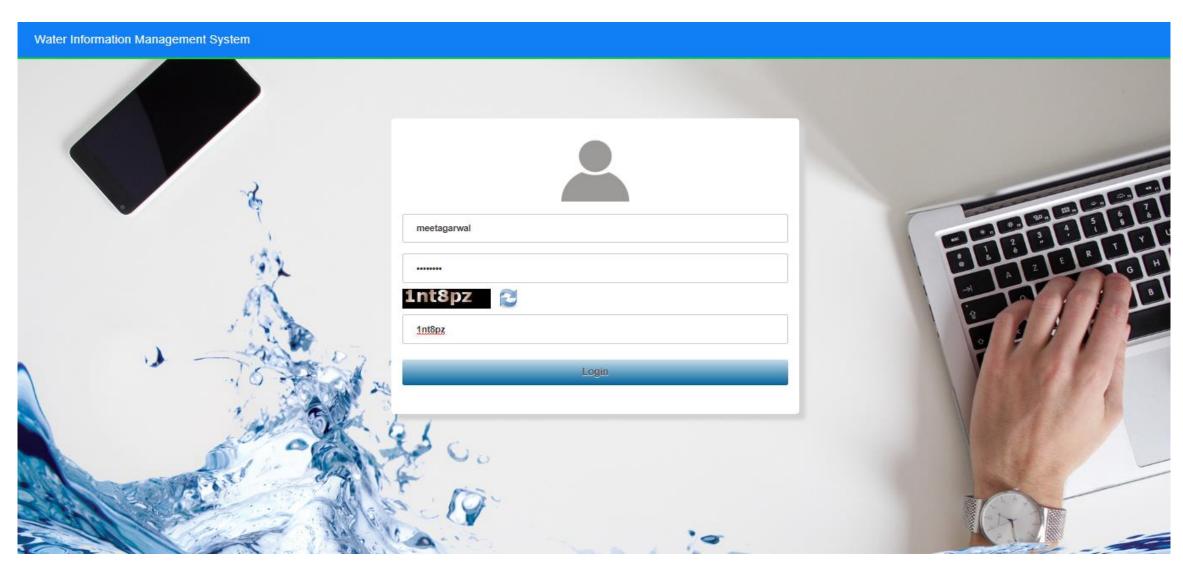
https://india-water.gov.in/wims/login.xhtml



Login into WIMS (Water Information Management System)



Enter Login, Password & Captcha details based on the User Agency. Click on Login button





WIMS – Water Information Management System



Station Management (Surface Water / Ground Water) in WIMS

- ☐ How to Search the existing stations (Surface Water / Ground Water) in WIMS
- □ How to add New Station (Surface Water / Ground Water)
- ☐ How to edit or update the site/station(Surface Water / Ground Water) details in WIMS
- ☐ How to assign the data type on site or station (Surface Water / Ground Water)



Station Management (Surface Water / Ground Water)

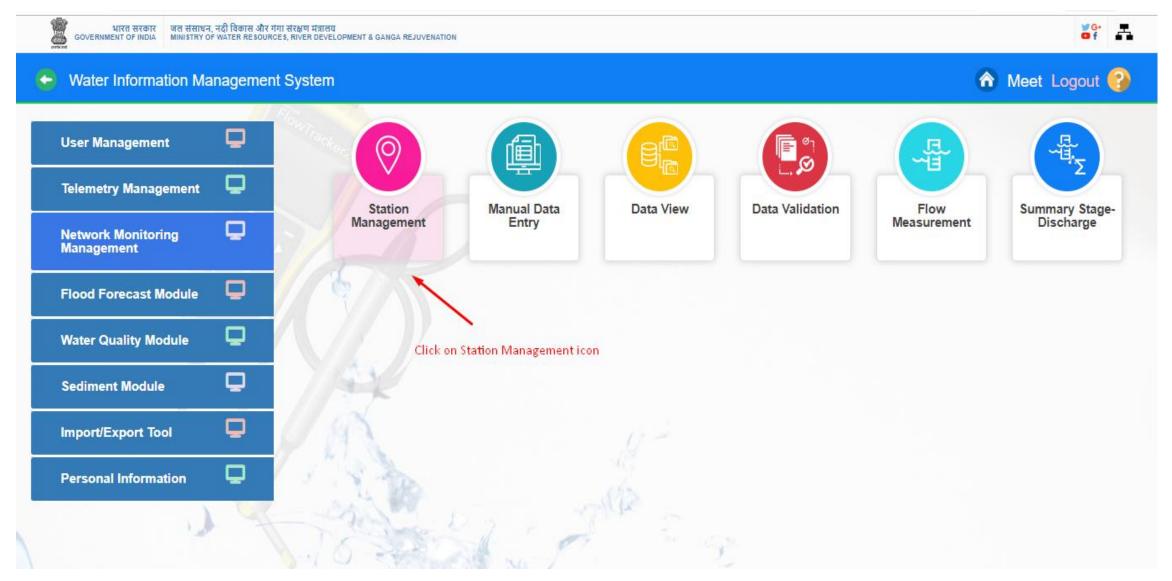






Go under "Network Monitoring Management" Module, then Click on "Station Management" icon

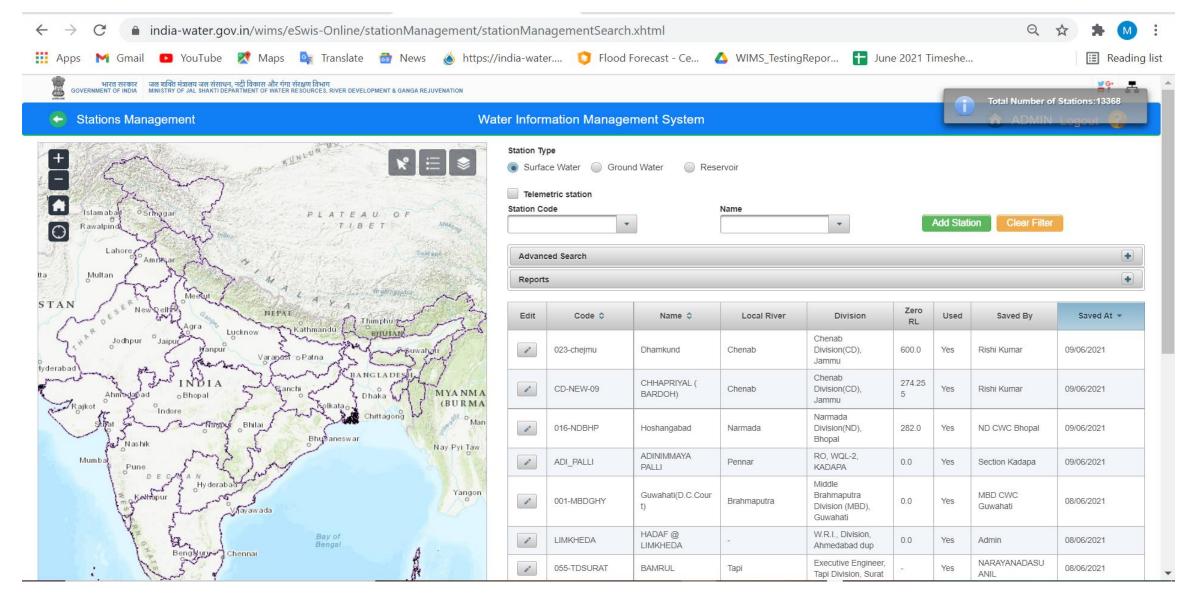






Search the station (Surface Water / Ground Water) in WIMS

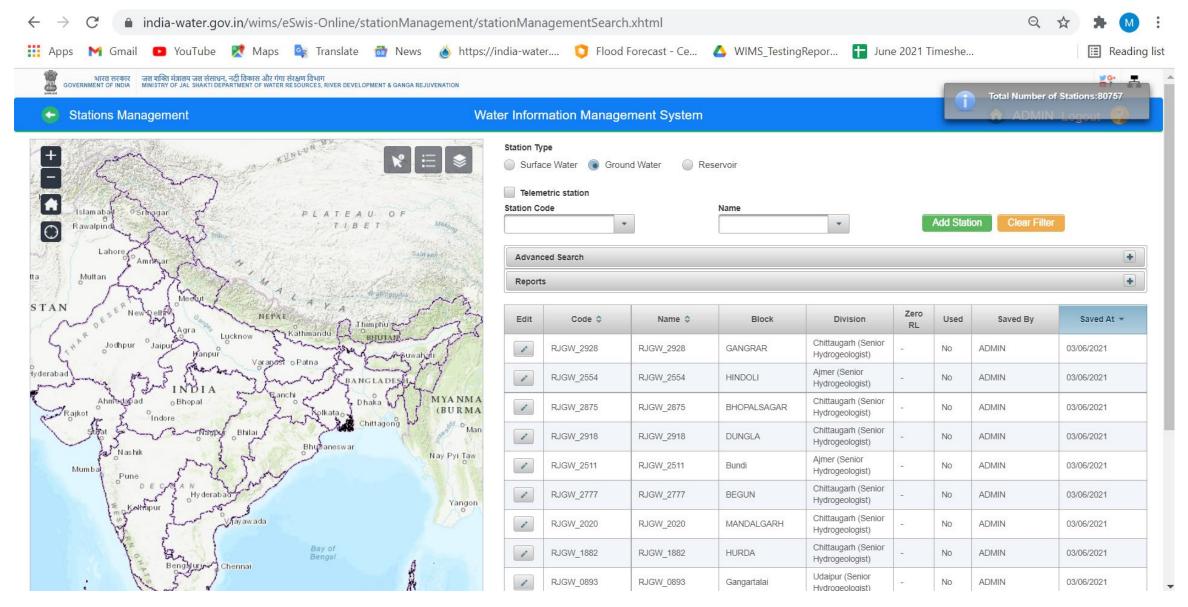






Search the station (Surface Water / Ground Water) in WIMS

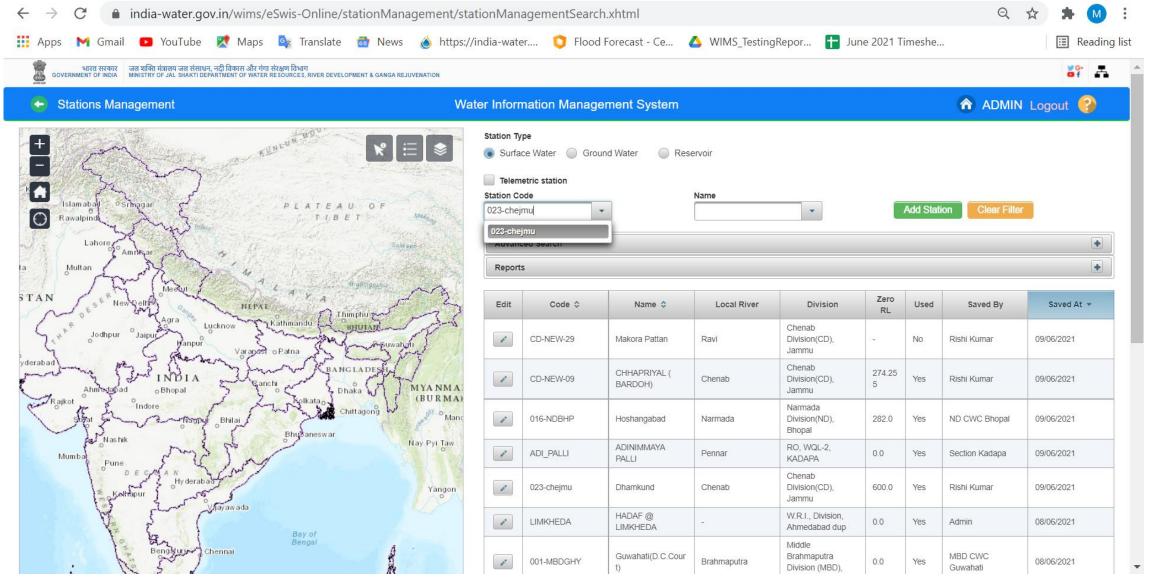


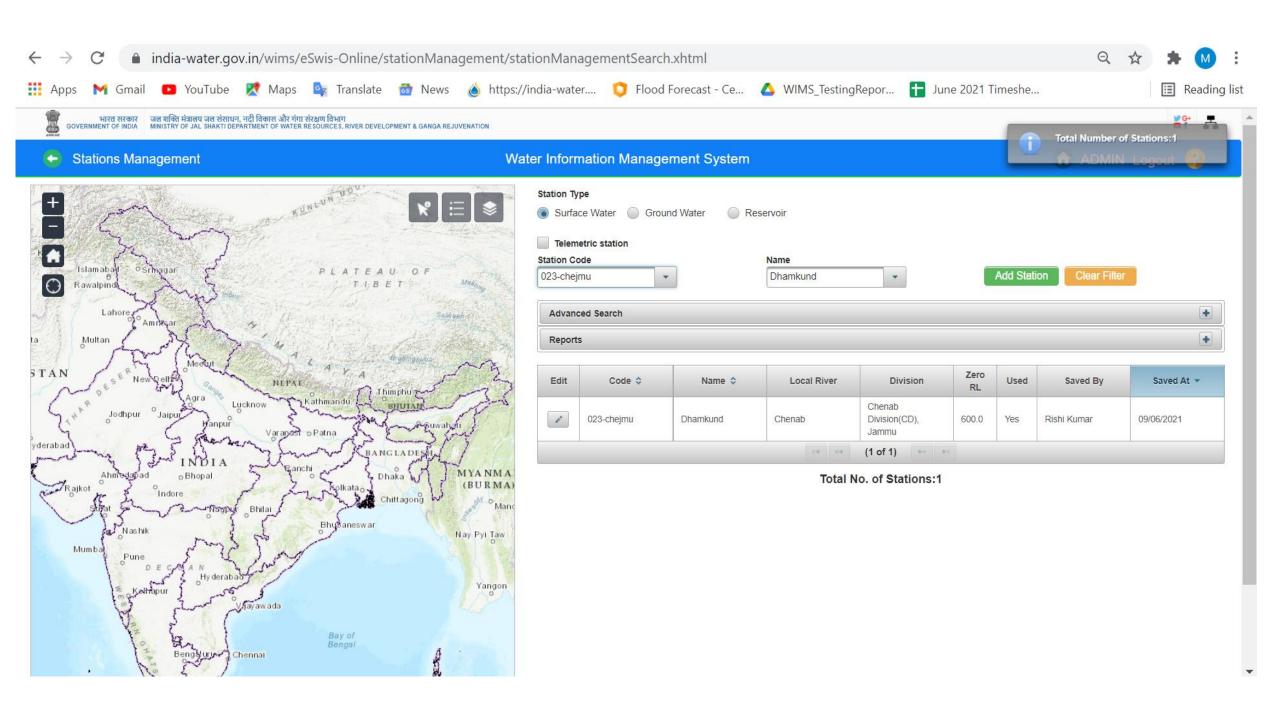


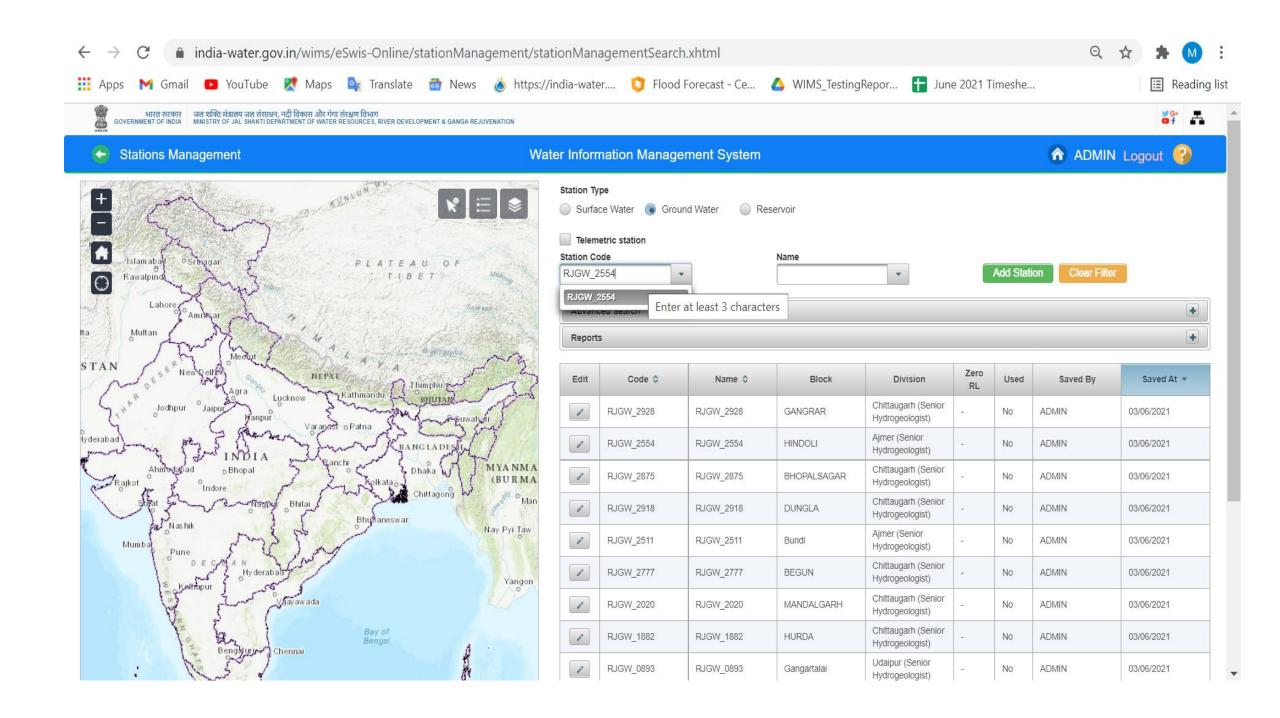


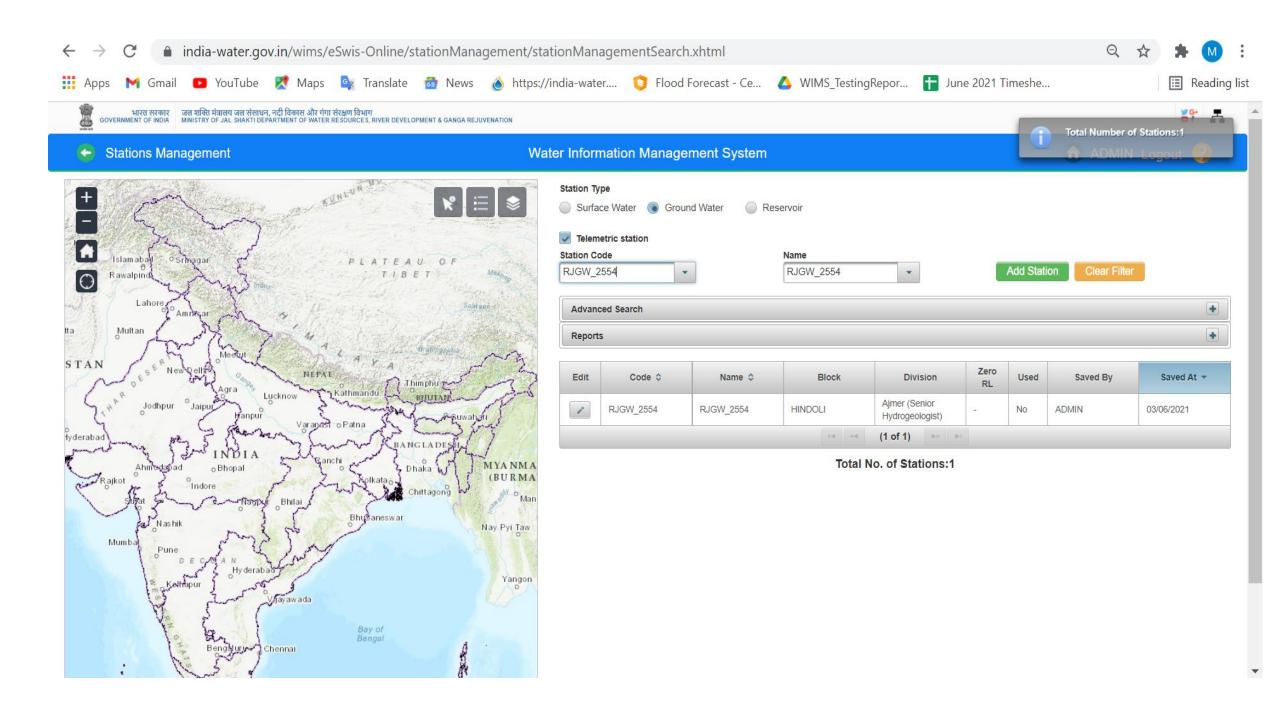
Search by Station Code: Enter minimum 3 digits/ characters for searching the Station Code for both surface and Ground water Station Types.







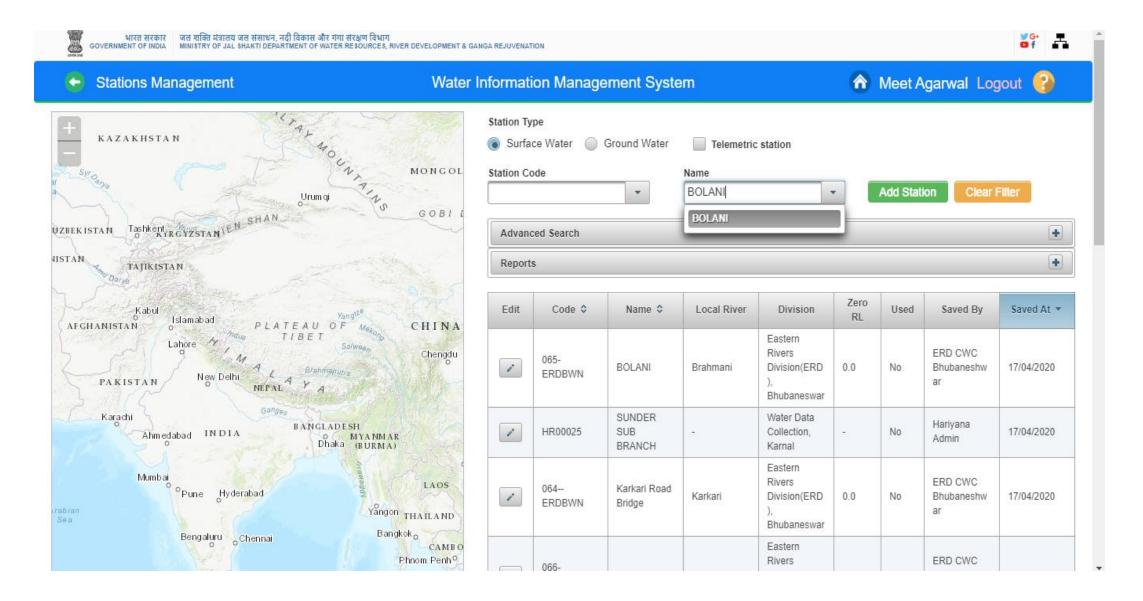






Search by Station Name: Enter the station name at least 3 characters to search for both surface and Ground water Station Types.

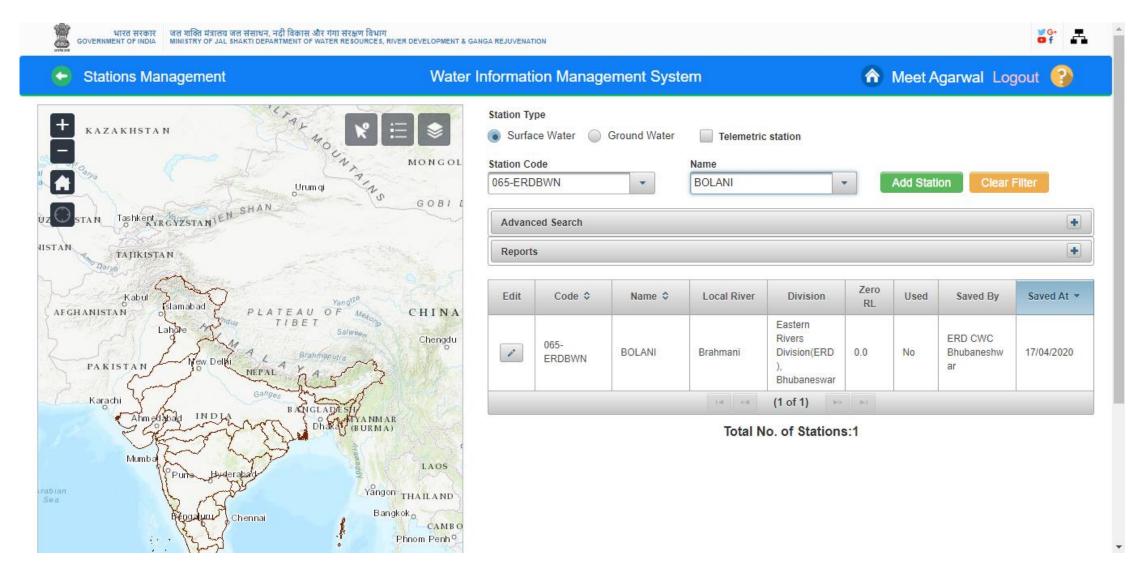


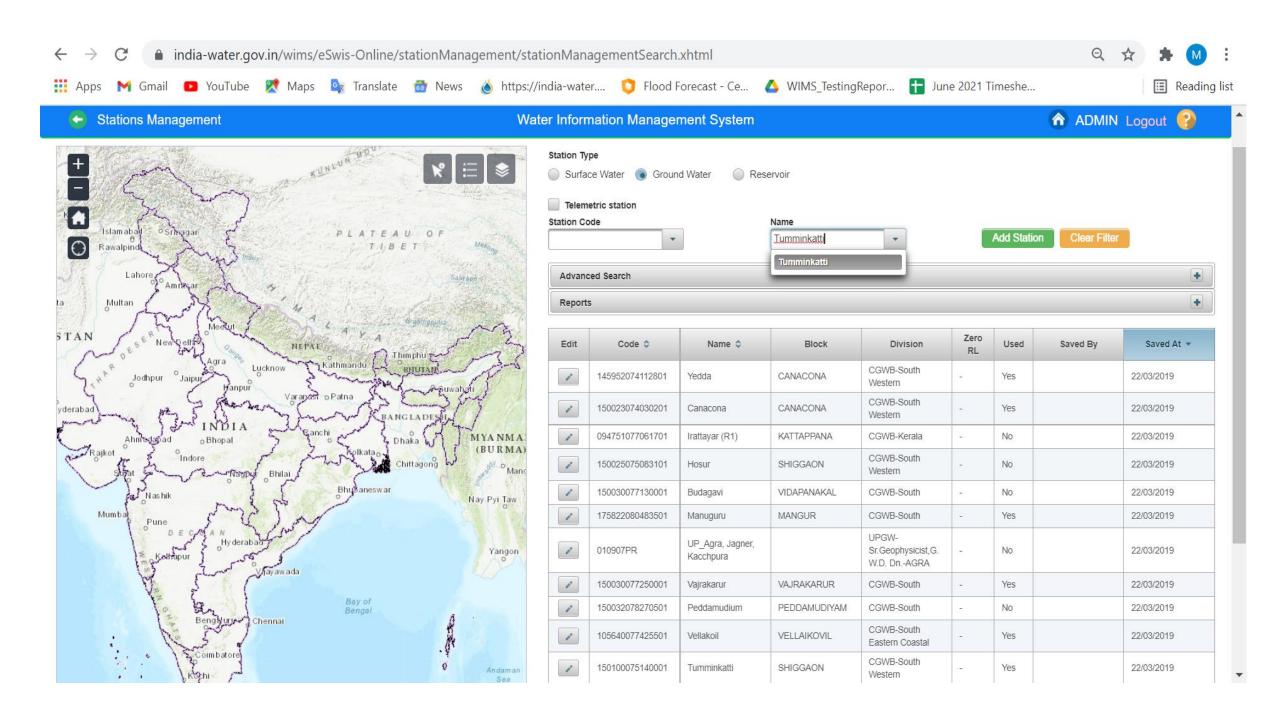


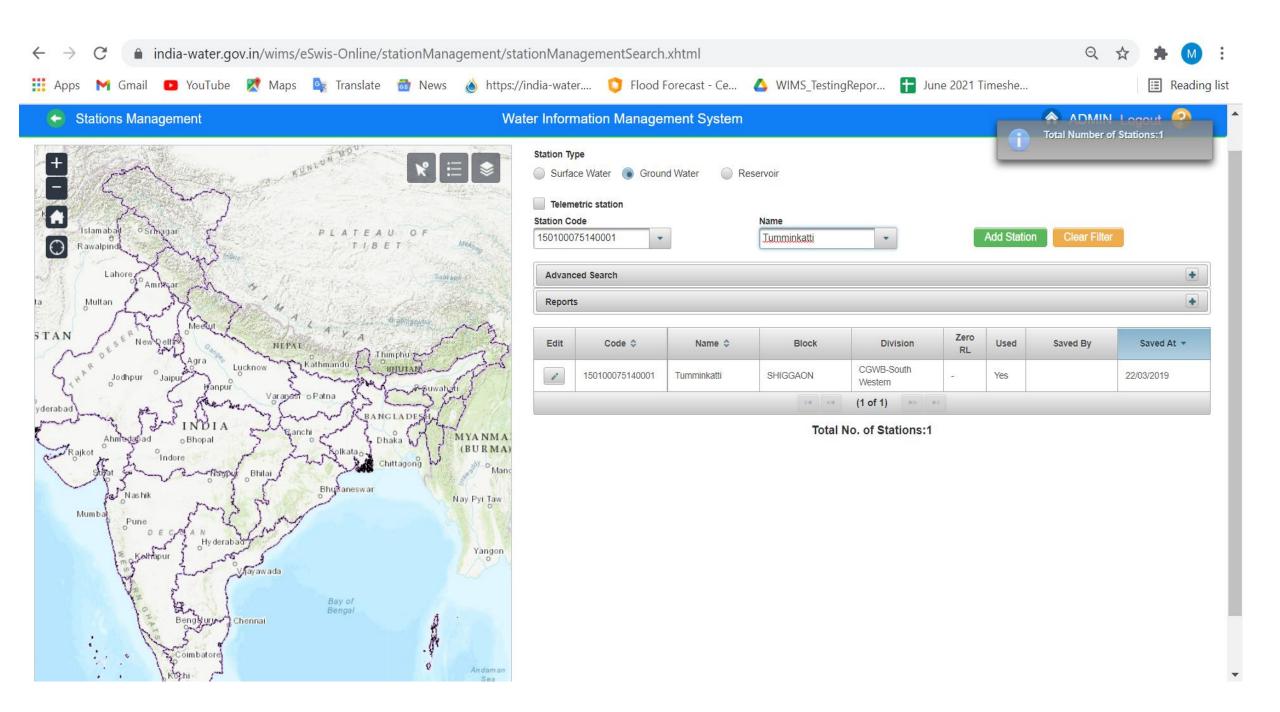




Station code and Name is displayed in Station Data Table on station management page



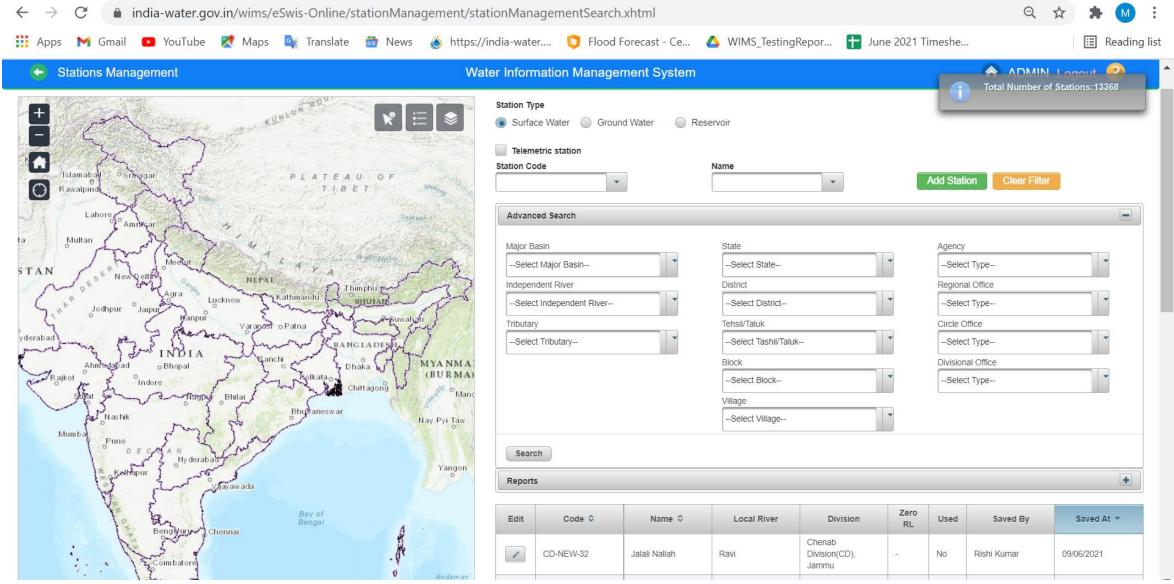


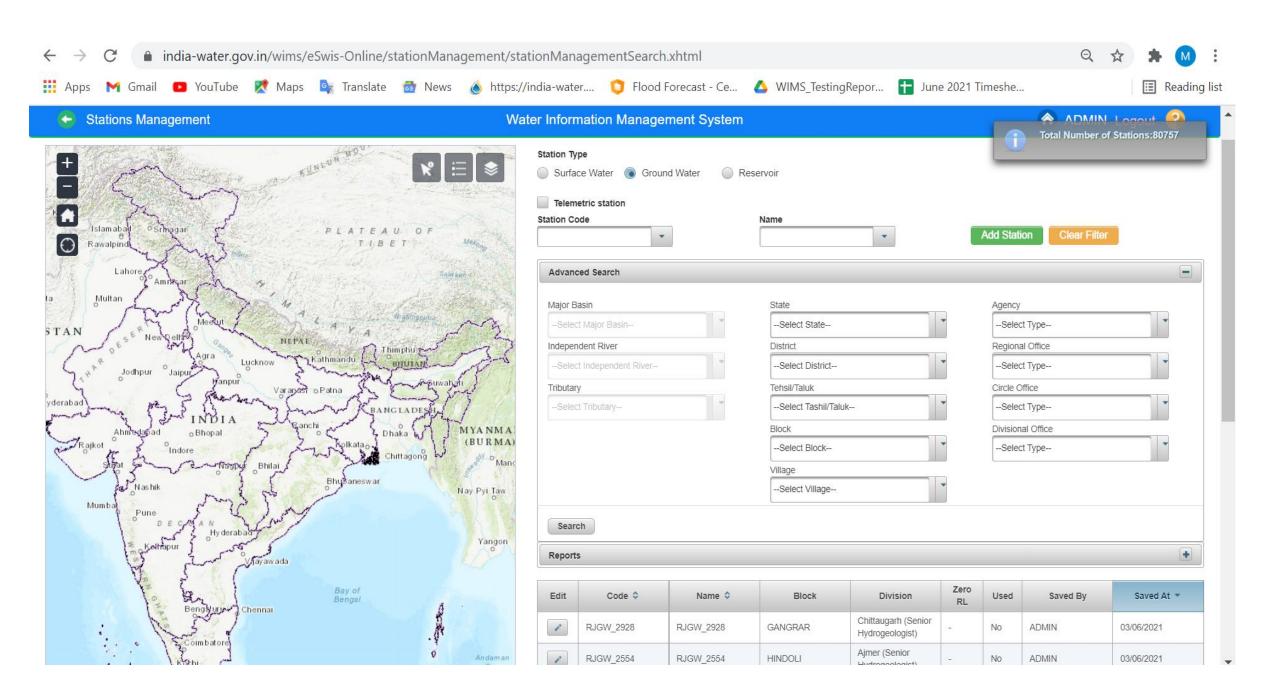




Advanced Search Option (Surface Water/Ground Water) -



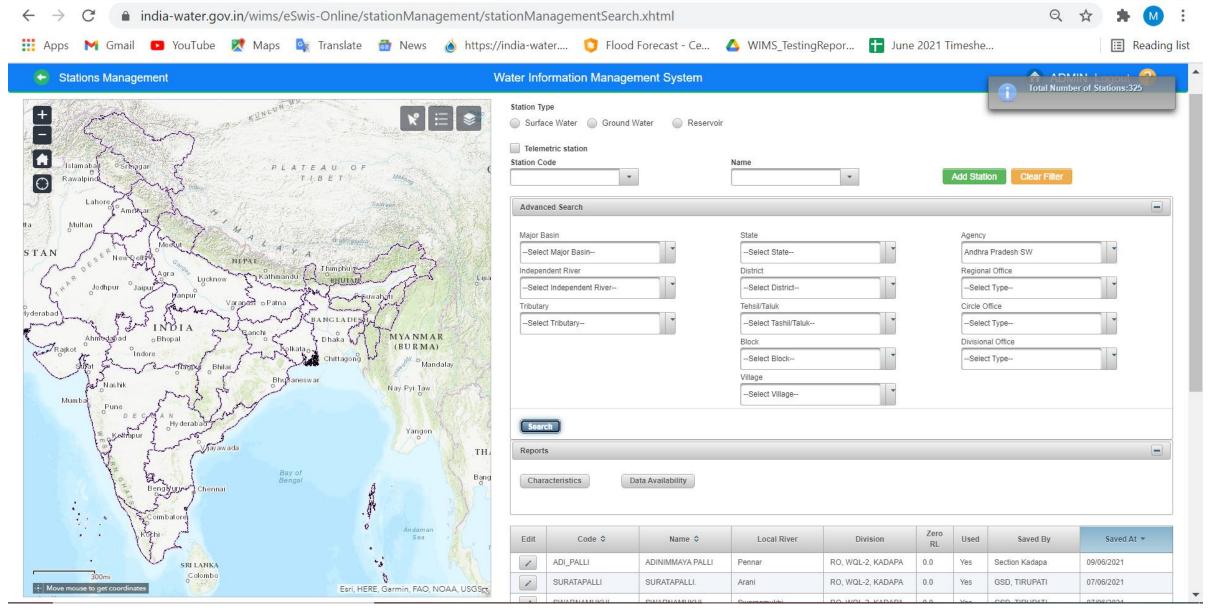


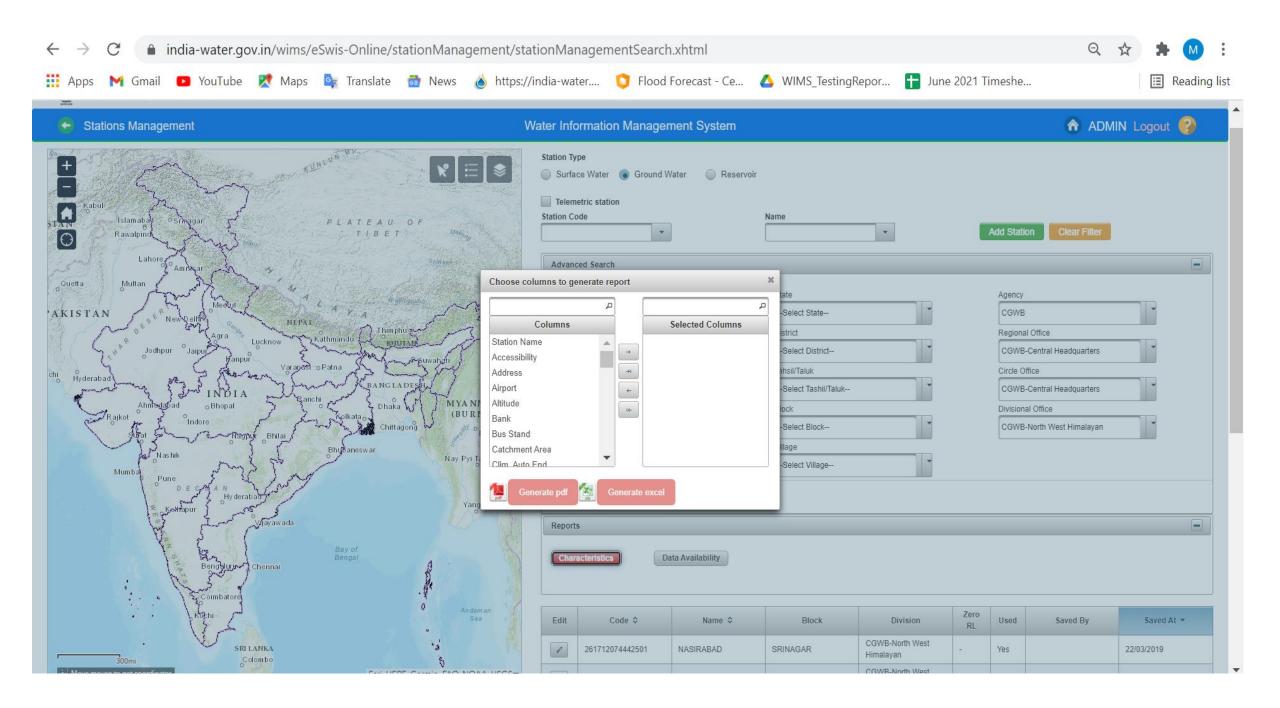


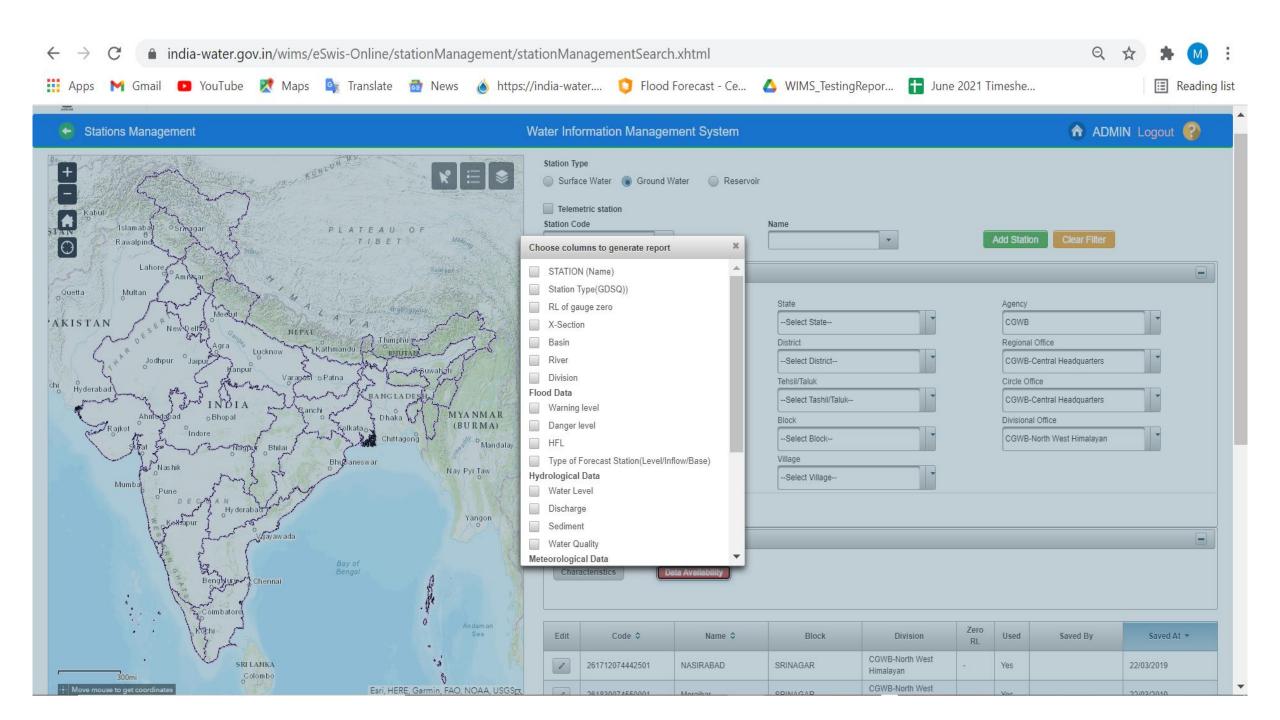


Reports for Surface Water / Ground Water - Station Characteristics and Data Availability





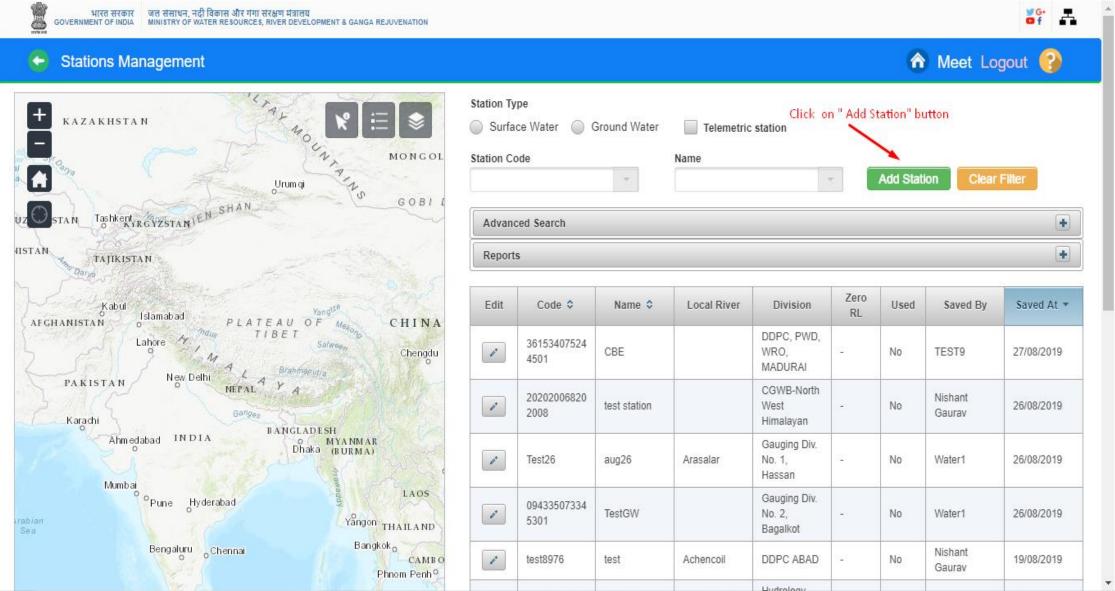






ADD NEW STATION: Nodal Agency has to add the station details for both type of stations (Surface Water and Ground Water) from Station Management section in WIMS Software







2. Station Characteristics page is opened on screen. You have to add all mandatory field details for adding new station from this page

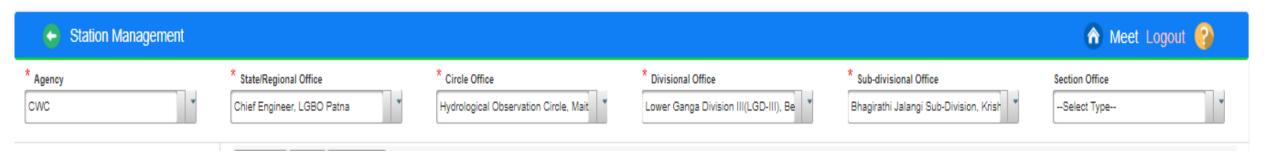


← → C ① Not secure	tamcnhp.com/wims/eSw	is-Online/station Management/station Manag	gementSearch.xhtml			9 ☆	Paused 🧲 :
Ura सरकार जल संसाधन, नदी विकास और गंगा जल सामान, नदी विकास और गंगा जाता आधार (ए प्रस्ता का सक्कार)	संरक्षण मंत्रात्तप ES, RIVER DEVELOPMENT & CANCA REJUVENATION						₩ G+
Station Management		Water Informa	tion Management System			♠ ADMIN	Logout 🚱
Agency*Select Type	State/Regional Office*Select Type	Circle Office* -Select Type	Divisional Office*Select Type	Sub-divisional C —Select Type-		Section OfficeSelect Type	
Station Type*	Generic Site/Additional Info	formation Category Add/Update Reservoir Detail					
Surface Water Ground Water	Administrative State*			Geographical			
Telemetric station		Select State		Major Basin*	Select Major Basin		
Flood Forecast	District*	Select District	In	ndependent River*	Select Independent River		
Reservoir	Tehsil/Taluk*	Select Tashil/Taluk	Tr	ributary*	Select Tributary	-	
Station Code*	Block	Select Block	Su	ub-tributary*	Select Sub-tributary	-	
Station Name*	Village	Select Village	Su	ub-sub-tributary*	Select Sub-sub-tributary	1	
	Station Image		Lo	ocal River*	Select Local River		
Longitude*	+ Choose	@ Cancel	All	Jtitude/MSL (m)			
Latitude*			Di	Dist. to Outlet (km)			
0 1			Re	lef Topsheet No.			
Date of Establishment			Ci	Catchment Area (sqkm)			
Start Date							
DD/MM/YYYY End Date							
DD/MM/YYYY							
Save Discard Go Back							Generale Report

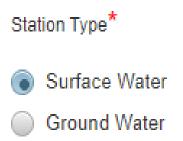


3. Add Agency details. Select the agency and all other mandatory fields for example - State/Regional Office, Circle Office, Divisional Office, Sub-divisional Office, Section Office fields from respective dropdown list which need to enter for creation of particular station





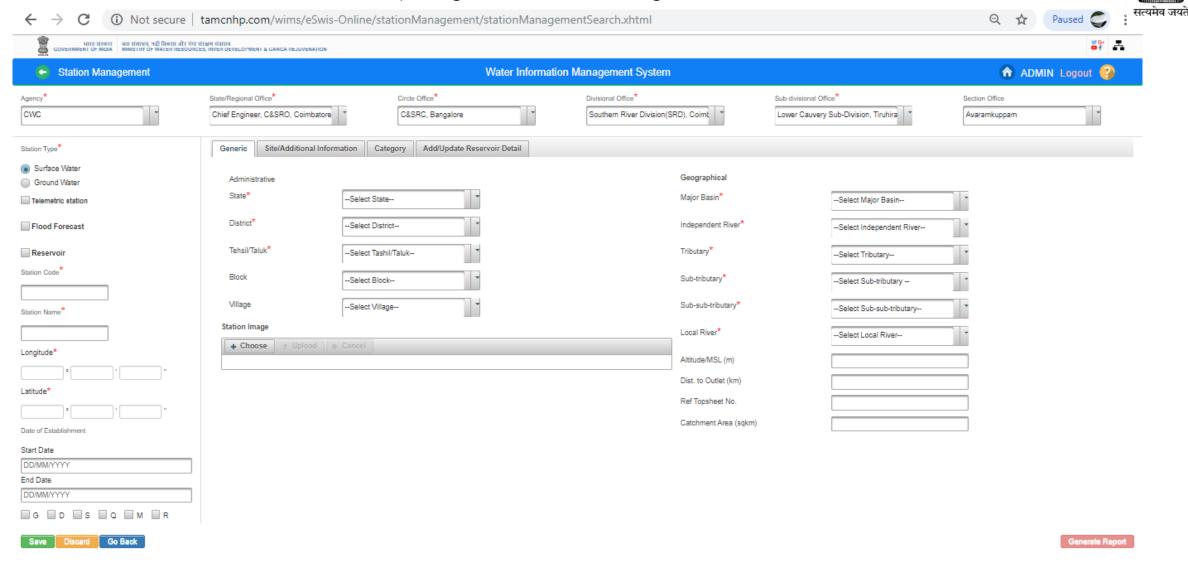
4. Select Station Type (Surface Water or Ground Water) as per the available details of Station configuration on the respective agency.



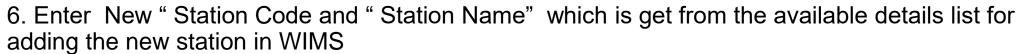
For Surface Water



5. Select Type of station which you want to create (Manual station Telemetry Station or Reservoir or Flood Forecast) Page in Station Management



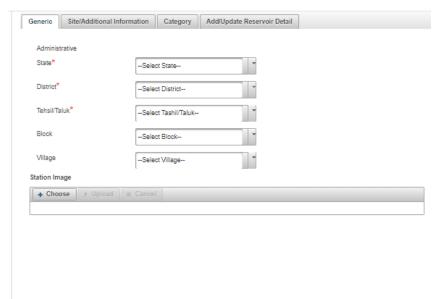


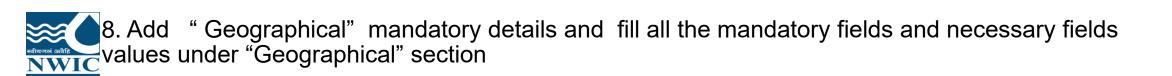




* Station Code
002-Test
Station Name
Test -Agra

7. Fill all administrative details for example - Select State, District & Tehsil/Taluk from "Administrative" under "Generic" Tab for Surface Water.







Geographical	
* Major Basin	Barak and Others
* Independent River	Barak
* Tributary	Barak
* Sub-tributary	Burima
* Sub-sub-tributary	-
* Local River	Burima
Altitude/MSL (m)	
Dist. to Outlet (km)	
Ref Topsheet No.	
Catchment Area (sqkm)	



11. "Add Address "from "Site & Additional Information Tab" on "Add Station" Page under Station Management



WHI BITH HE	II HOUN STORY NOES, HIVEH DEVELOPMENT & CANCA REJUVENATION					ST A
Station Management		Water Information	n Management System		♠ ADMIN	Logout 🚱
Agency* CWC	State/Regional Office* Chief Engineer, C&SRO, Coimbatore.	Circle Office.* C&SRC, Bangalore	Divisional Office Southern River Division(SRD), Coimt	Sub-divisional Office Lower Cauvery Sub-Division, Tiruhira	Section Office Avaramkuppam	11-
Station Type Surface Water Ground Water Telemetric station Flood Forecast Reservoir Station Code 003-Jangpura Station Name	Generic Site/Additional Information Ca Address: New Delhi Bank: Select Town:	tegory Add/Update Reservoir Detail Bus Stand:	Station:	Airport		
JANG-New Longitude* 68 * 20 * 20 * Latitude* 30 * 20 * 20 * Date of Establishment Start Date DOMMYYYY End Date	Other Information:					

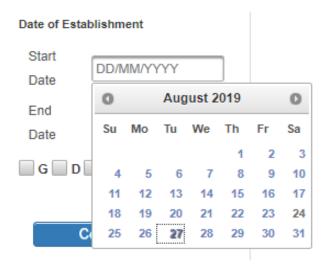


9. Add "Longitude" and "Latitude" details





10. Select or Enter "Date of Establishment" of Start Date and End Date



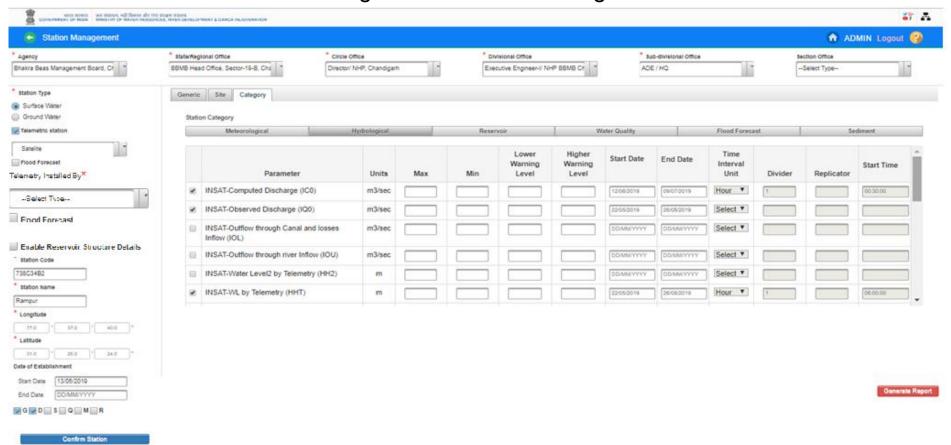


Go Back

Add Data Type-



Click on "Category" Tab and Select the respective "Category" from this section, User Agency can add "Sensors" or "Data Type" details as per the available details for sensors against the particular station at the time of station configuration or after adding the station as well.



Generic

Site/Additional Information

Category

Add/Update Reservoir Detail



Station Category

	Meteorological	Hydrol	ogical		Reservoir		Water Quality		Flood Fo	recast	S	ediment	
	Parameter	Units	Max	Min	Lower Warning Level	Higher Warning Level	Start Date	End Date	Time Interval Unit	Divider	Replicator	Start Time	A
	GPRS-Temperature of River Water (River V Temperature) (GTW)	Vater °C					DD/MM/YYYY	DD/MM/YYY	Y Select ▼				
	GPRS-Water Level 2 by Telemetry (GH2)	m					DD/MM/YYYY	DD/MM/YYY	Y Select ▼				
	GPRS-WL by Telemetry (GHT)	m					DD/MM/YYYY	DD/MM/YYY	Y Select ▼				
	INSAT-Computed Discharge (IC0)	m3/sec					DD/MM/YYYY	DD/MM/YYY	Y Select ▼				
	INSAT-Observed Discharge (IQ0)	m3/sec					DD/MM/YYYY	DD/MM/YYY	Y Select ▼				
	INSAT-Outflow through Canal and losses In (IOL)	nflow m3/sec					DD/MM/YYYY	DD/MM/YYY	Y Select ▼				
ш	INSAT-Outflow through river Inflow (IOU)	m3/sec					DDINHAAAAA	DDIMINAAA	Select ▼				7



Save Station Characteristics Details: Click on "Save" button. Station information will be saved in WIMS application and **Pop up message** will be displayed on screen "Station has been saved successfully"

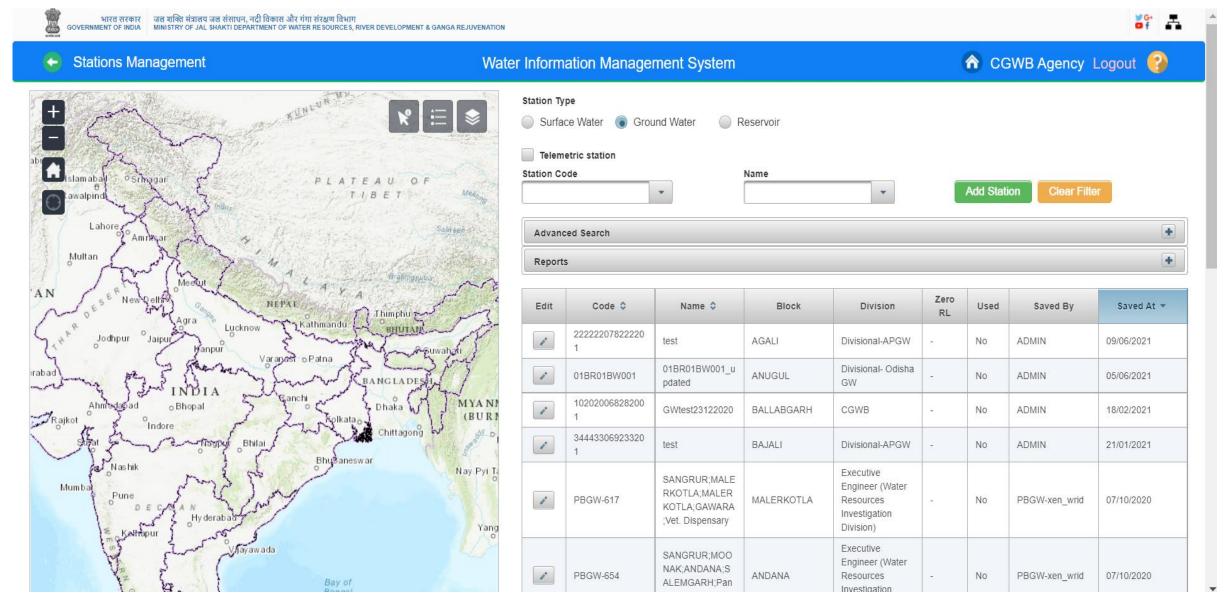


CONTINUES DE MONT MENTINE DE MATERIA DE	OT BEAT STATES OF THE STATES O				Station has been saved
Station Management		Water Information Man	agement System		Station has been saved successfully.
Agency*			visional Office" outhern River Division(SRD), Colmit	Sub-divisional Office.* Lower Cauvery Sub-Division, Tiruhira*	Section Office Avaramkuppam
Station Type*	Generic Site/Additional Information Category	Add/Update Reservoir Detail			
Surface Water Ground Water Telemetric station Flood Forecast	Address: New Delhi				
Reservoir Station Code 003-Jangpura Station Name	Bank: Select Town:	Bus Stand:	Station:	Airport:	
JANG-New Longitude* 68 * 20 * 20 *	Other Information:				
Latitude* 30 * 20 * 20 = Date of Establishment					
Start Date DDMMYYYY End Date DDMMYYYY					
G D S Q M R					Generate



Add New Ground Water Station







Fill all the mandatory fields on add station page



GOVERNMENT OF INDIA MINISTRY OF JAL SHAKTI DEPARTMENT OF WATER RES	SOURCES, RIVER DEVELOPMENT & CANCA REJUVENATION					ar A
Station Management		Water Ir	formation Management System			♠ CGWB Agency Logout
Agency* CGWB	State/Regional Office* CGWB-Central Headquarters	Circle Office* CGWB-Central Headquarters	Divisional Office* CGWB-Central	Sub-divisional Office* CGWB-Maharashtra		Section OfficeSelect Type
Station Type*	Generic Site/Additional Information C	ategory Add/Update Reservoir Detail				
Surface Water	Administrative State*	aharashtra(13)		graphical size Elevation of GL of Well (m amsl)		
Station Code*	District*	UMBAI CITY(127137)	Ref	Fopsheet No.		
	Tehsil/Taluk*	UMBAI(1271371001)	Well	Purpose*	toring	
Station Name* CGWB00023456	Block*	UMBAI(12713710011001)		Type* Dug	Neil	
Project Name*	Village*	ahim(2676)			ect Well Subtype	
NHP	Station Image		Well	Use" Moni	toring	
Longitude*	◆ Choose		Liftin	g Device*	et And Rope	
88 20 1 30 "			Heig	ht of Measuring Point (magl)*		
10 20 120 "			Dep	h of Well (m)*		
Date of Establishment			Aqui	fer Type*	vailable	
DD/MM/YYYY			Princ	ipal Aquifer*	vailable	
			Majo	r Aquifer*	vailable	
			□ I:	Well abandoned		



Fill Address for GW Station



भारत सरकार जन यन्ति भंजातय जन संसाधन, नदी विकास और गंगा संरक्षण विभाग GOVERNMENT OF INDIA MINISTRY OF JAL SHAKTI DEPARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION CGWB Agency Logout Station Management Water Information Management System Agency* Circle Office* State/Regional Office* Divisional Office* Sub-divisional Office* Section Office CGWB CGWB-Central Headquarters CGWB-Central Headquarters CGWB-Central CGWB-Maharashtra --Select Type--Site/Additional Information Category Add/Update Reservoir Detail Station Type* Generic Surface Water Address: Ground Water Mahim Telemetric station G Station Code Station Name* CGWB00023456 Project Name* NHP Longitude* ° 20 30 Latitude* ° 20 20 Date of Establishment DD/MM/YYYY Generate Excel Report Generate CSV Report Generate PDF Report Go Back



Click on Save button for saving the Ground Water Station details. Ground water station is created successfully

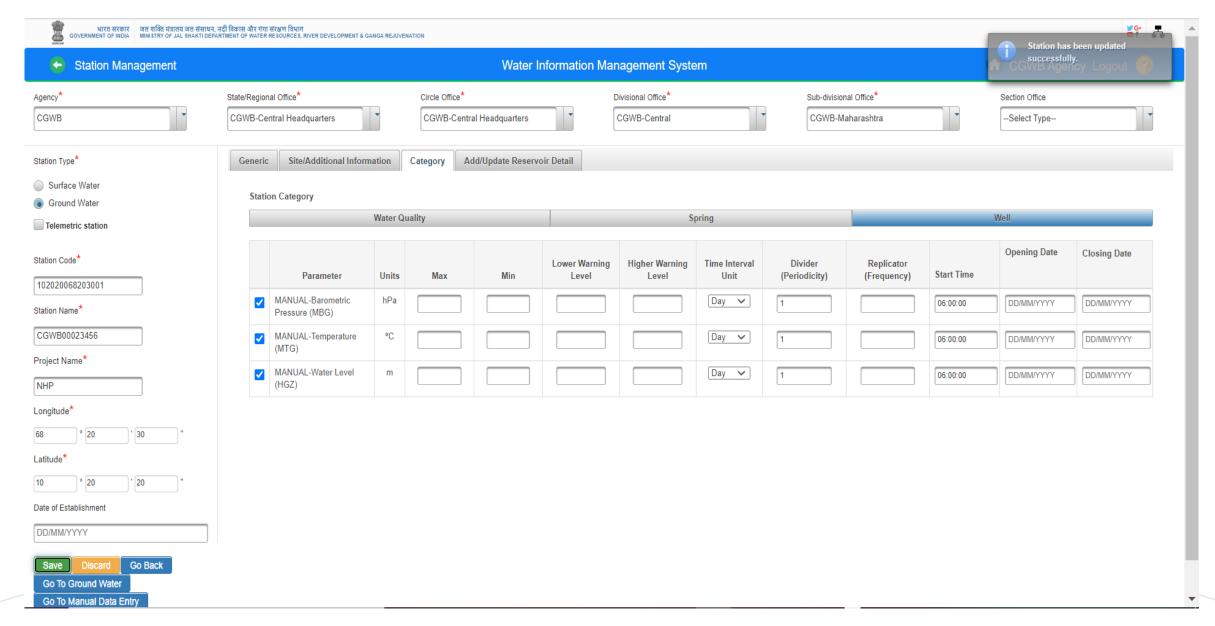


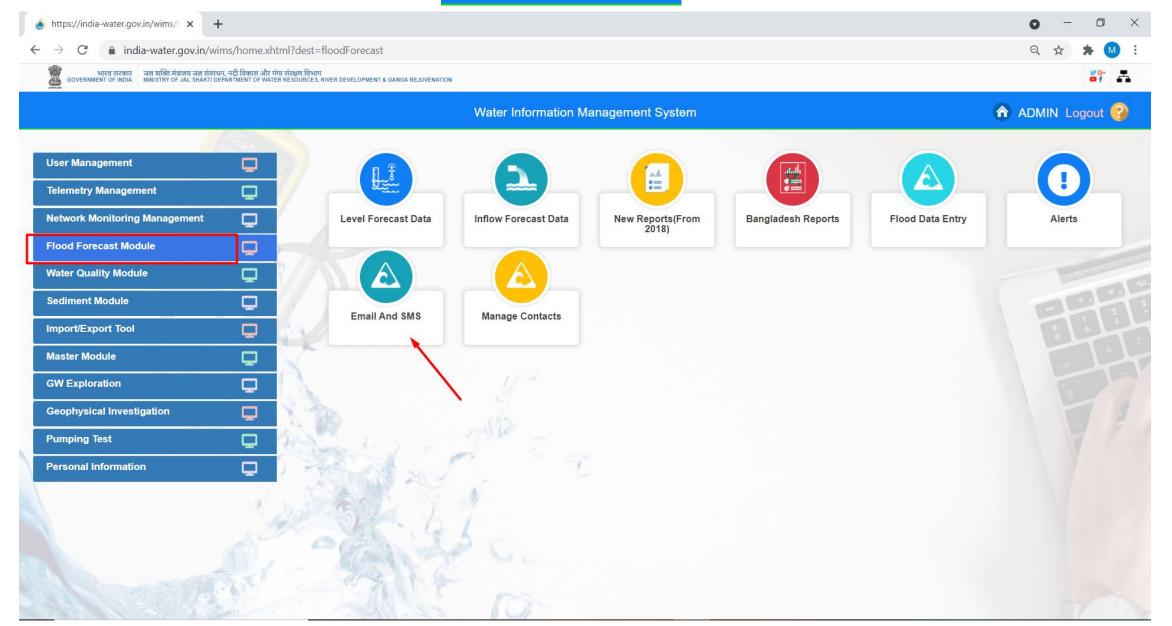
भारत सरकार GOVERNMENT OF INDIA MINISTRY OF JAL SHAKTI DEI	न, नदी विकास और गंगा संरक्षण विभाग PARTMENT OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJ	UVENATION			Station has been saved
Station Management		successfully.			
Agency*	State/Regional Office* CGWB-Central Headquarters	Circle Office* CGWB-Central Headquarters	Divisional Office* CGWB-Central	Sub-divisional Office* CGWB-Maharashtra	Section Office Select Type
Station Type* Surface Water Ground Water Telemetric station Station Code* 102020068203001 Station Name* CGWB00023456 Project Name* NHP Longitude* 68 ° 20 ' 30 " Latitude* 10 ° 20 ' 20 " Date of Establishment	Generic Site/Additional Information Address:* Mahim	Category Add/Update Reservoir Detail			
Save Discard Go Back Go To Ground Water Go To Manual Data Entry					



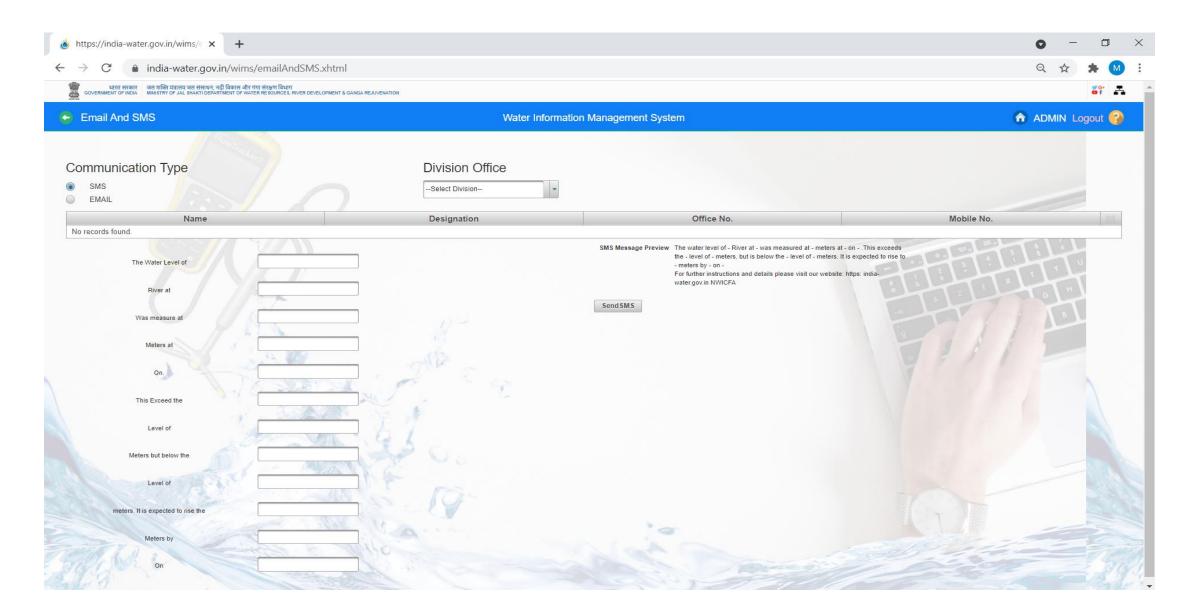
Add Parameter for Ground Water Station



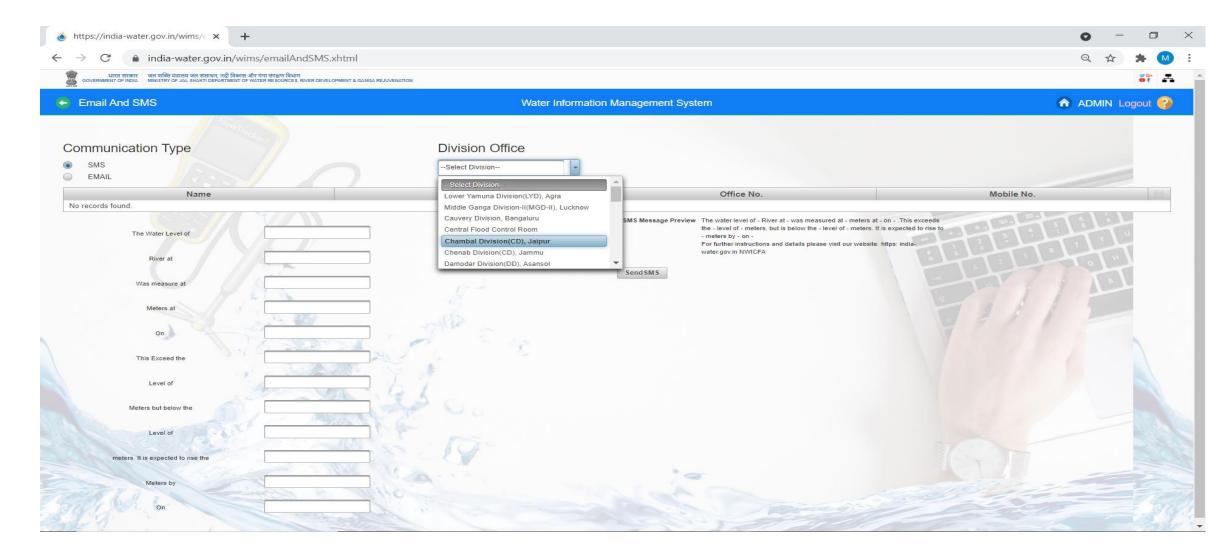




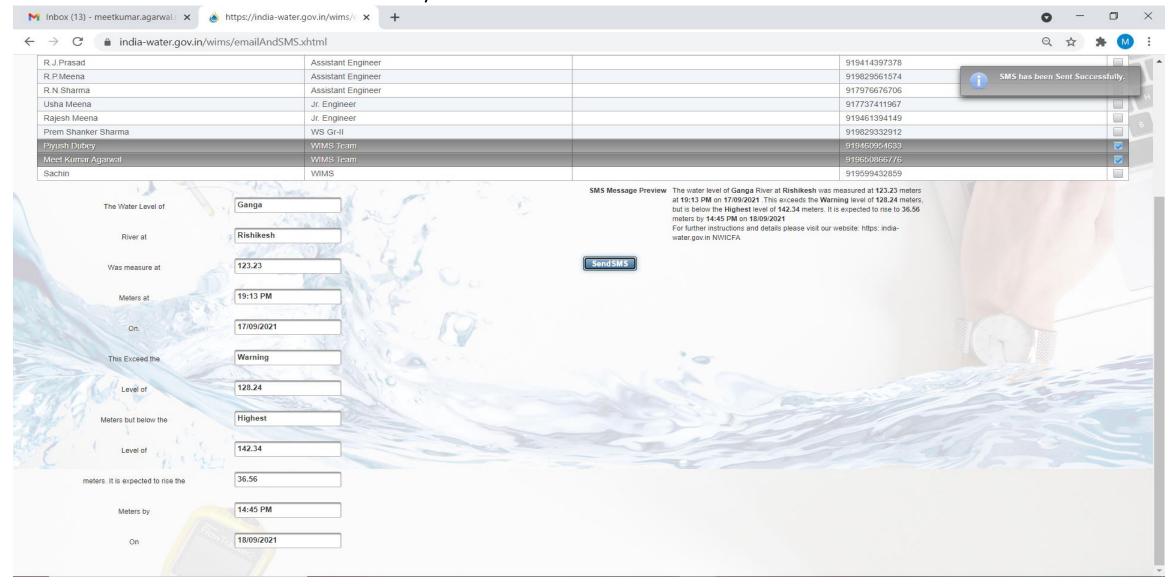
SMS: Select Communication Type "SMS"



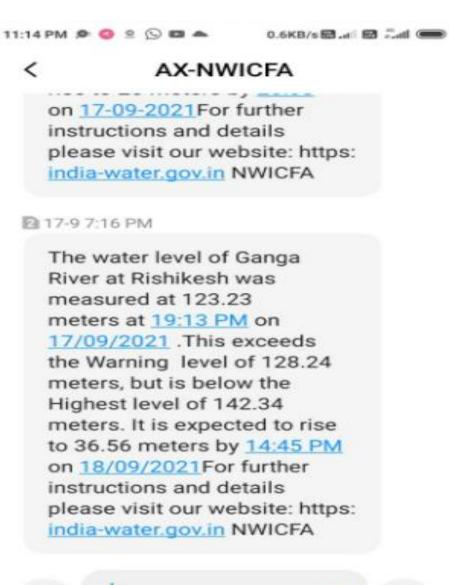
SMS: Select Division office, there after select the Division from the dropdown list



SMS: Select Division office, there after select the Division from the dropdown list. Enter the required data for sending SMS and click on Send SMS button. SM is snt successfully



SMS Received

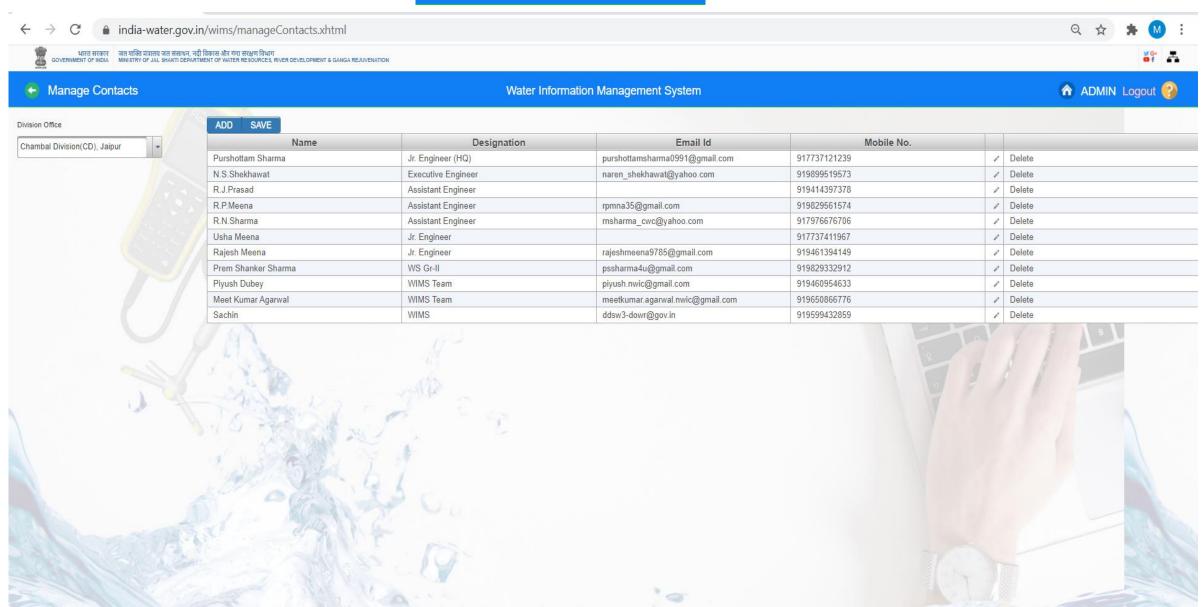




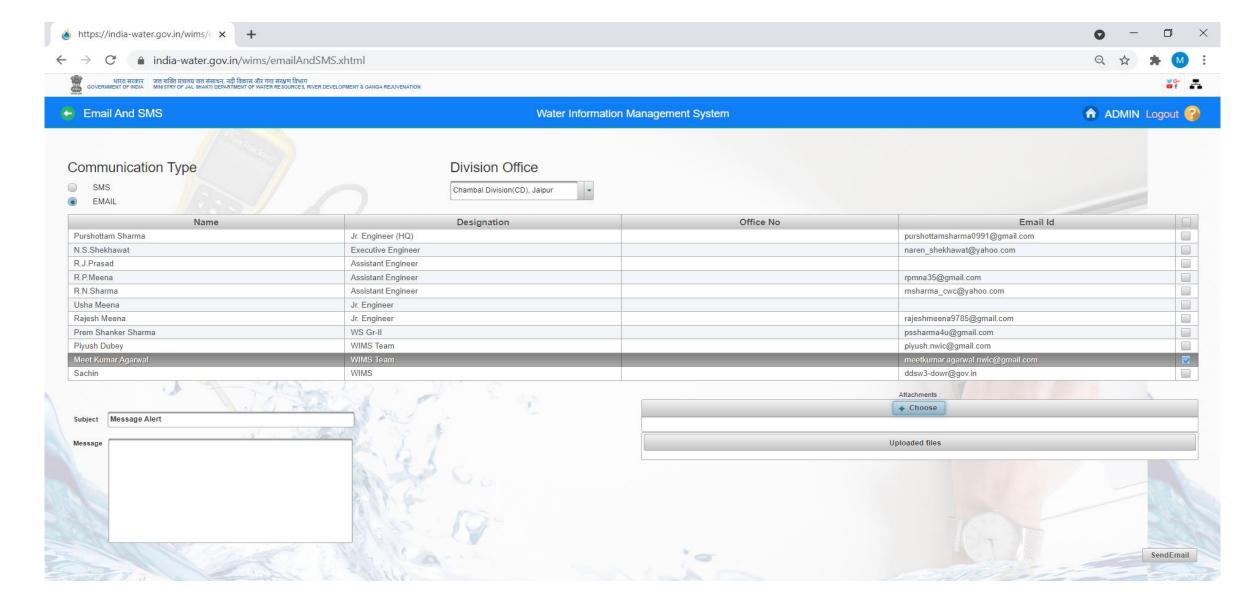
Text message

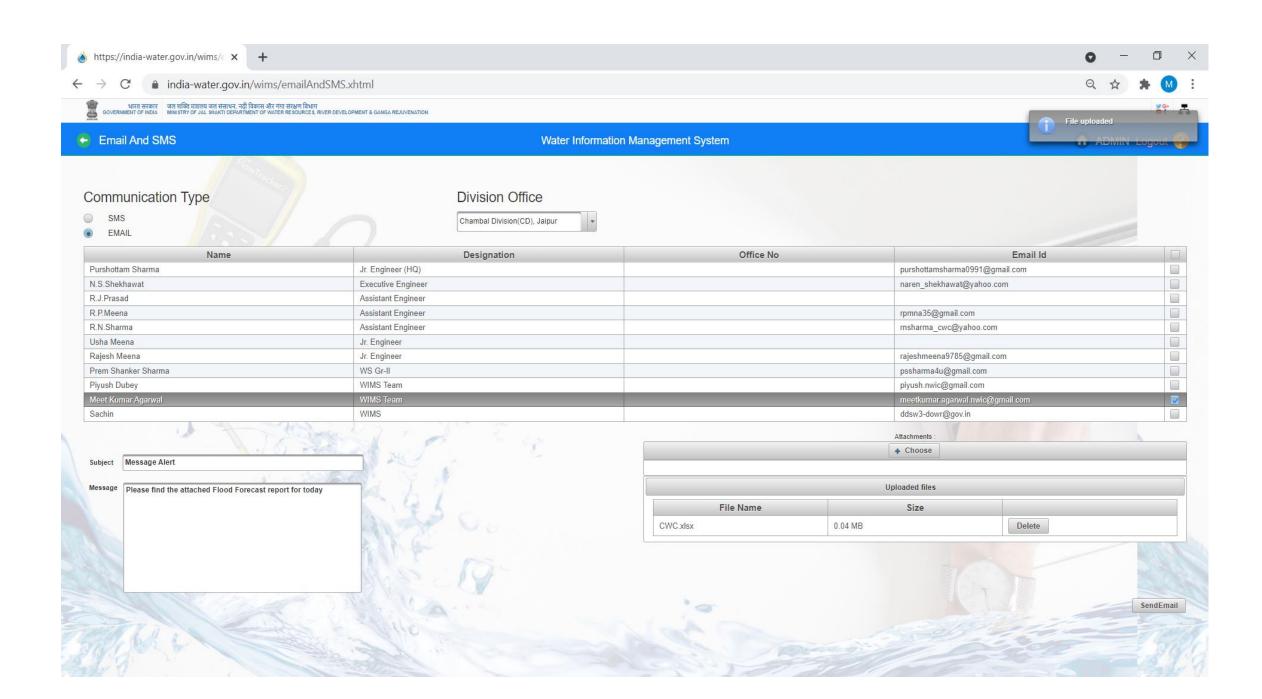




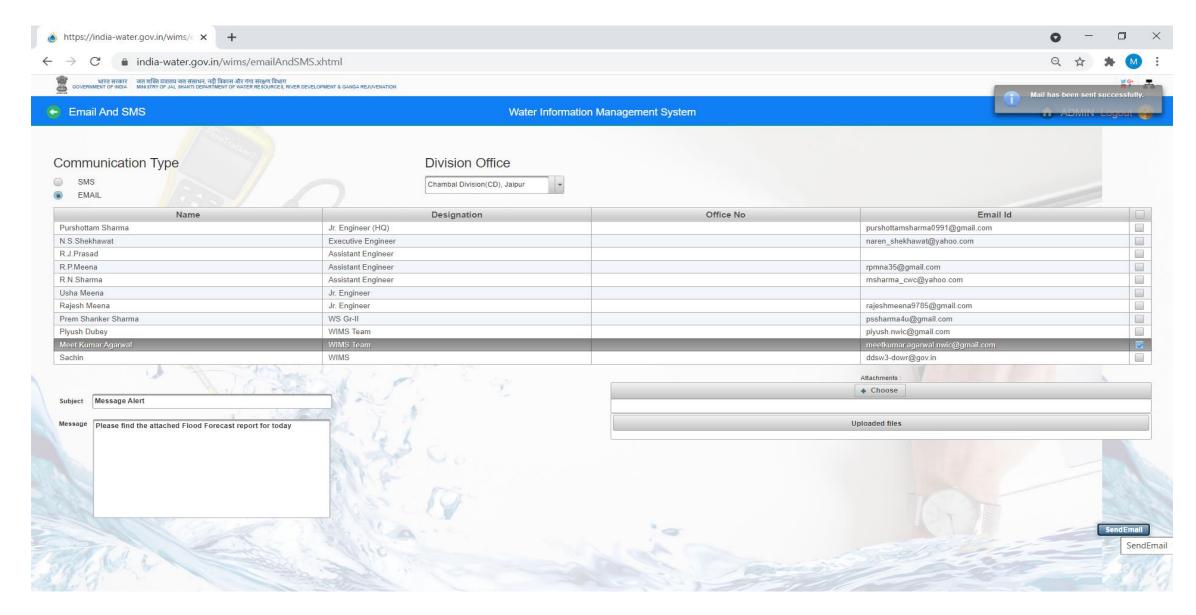


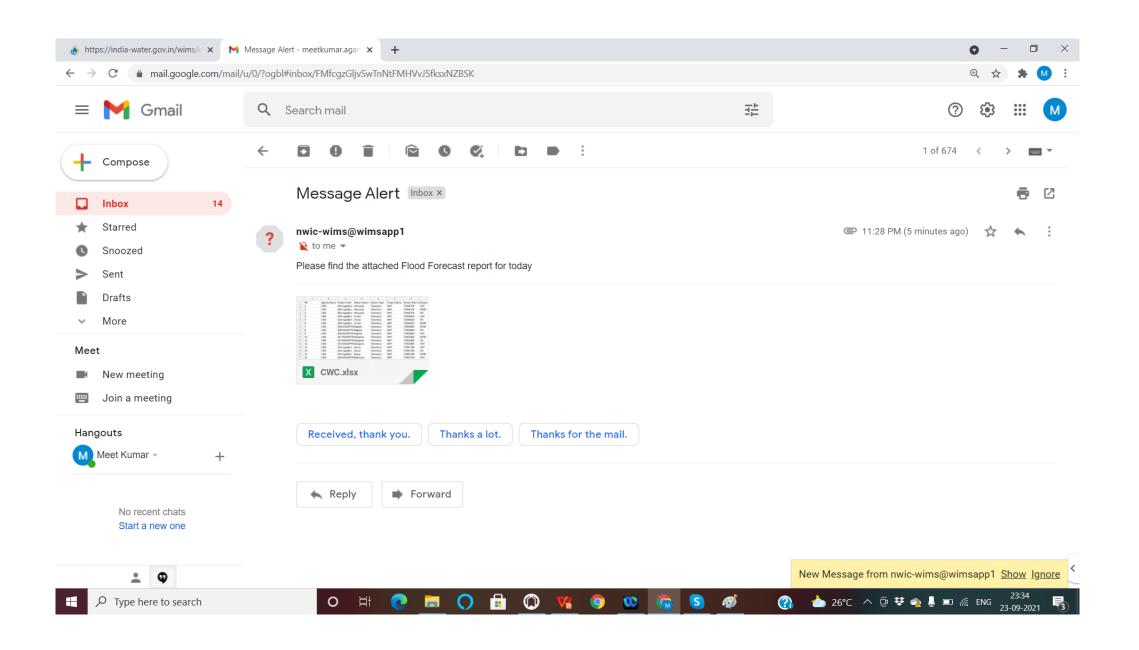
Send Email with Attachment File





Email is sent successfully with attachment file







WIMS - MIS

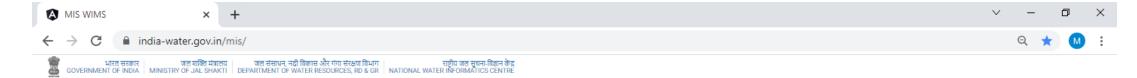


WIMS- MIS Live Application URL-

https://india-water.gov.in/mis

WIMS -MIS Dashboard

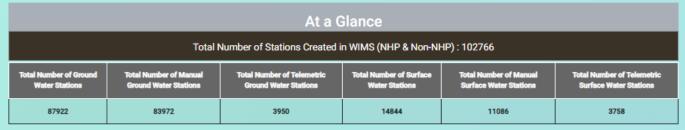
- -NHP Data
- -Non-NHP Data
- -Data Performance

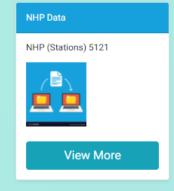


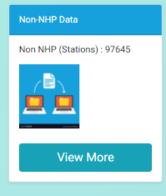
↑ Dashboard MIS - WIMS

National Water Informatics Centre







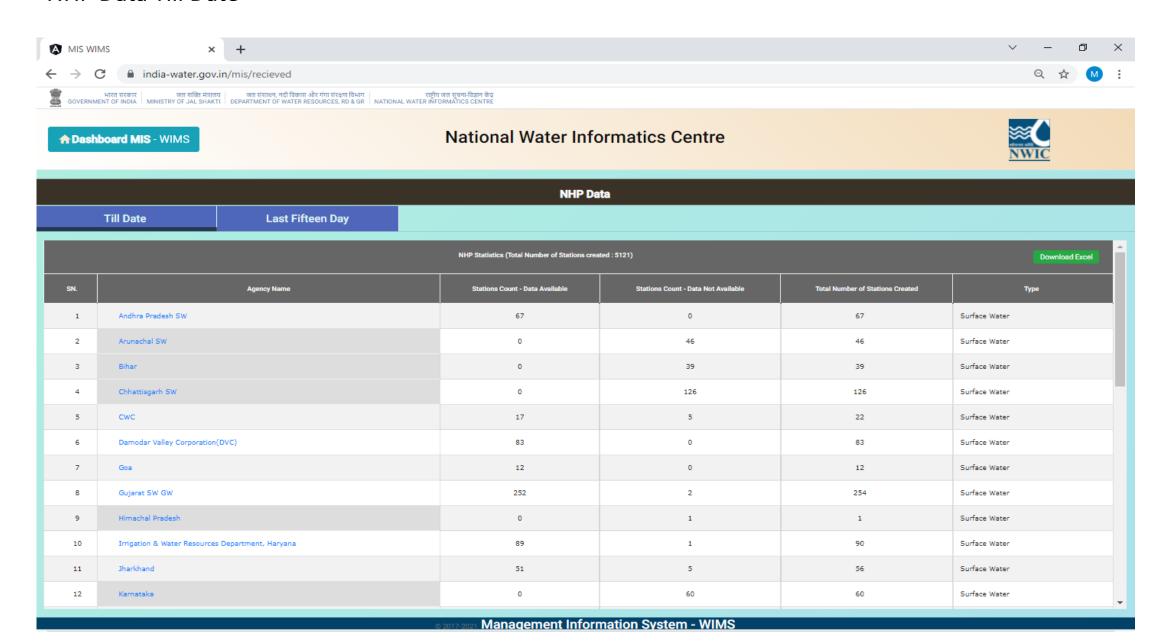


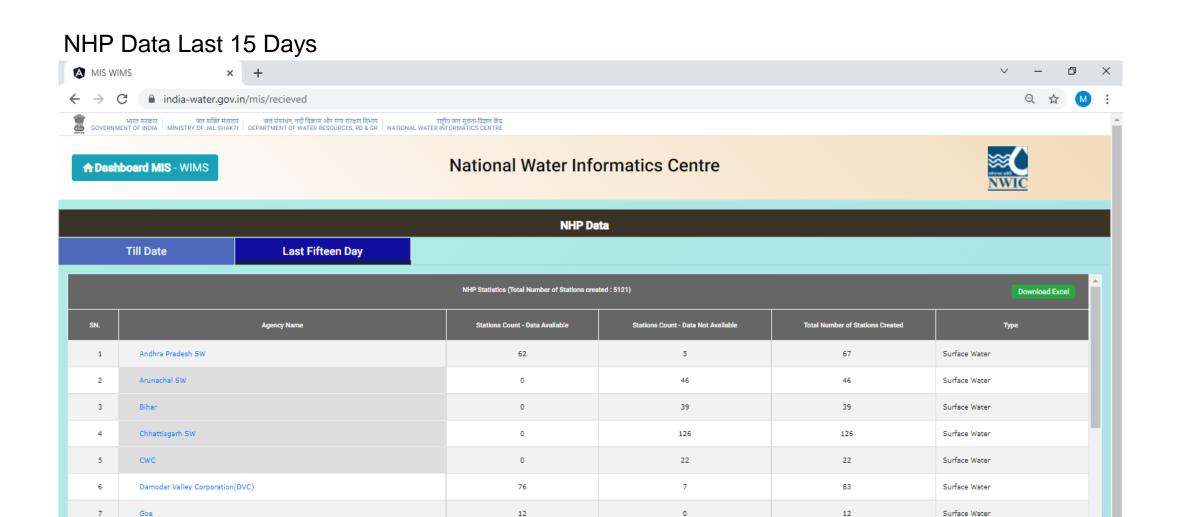




Management Information System - WIMS

NHP Data Till Date





12

15

60

254

1

90

60

Surface Water

Surface Water

Surface Water

Surface Water

242

0

89

41

0

Gujarat SW GW

Himachal Pradesh

Jharkhand

Karnataka

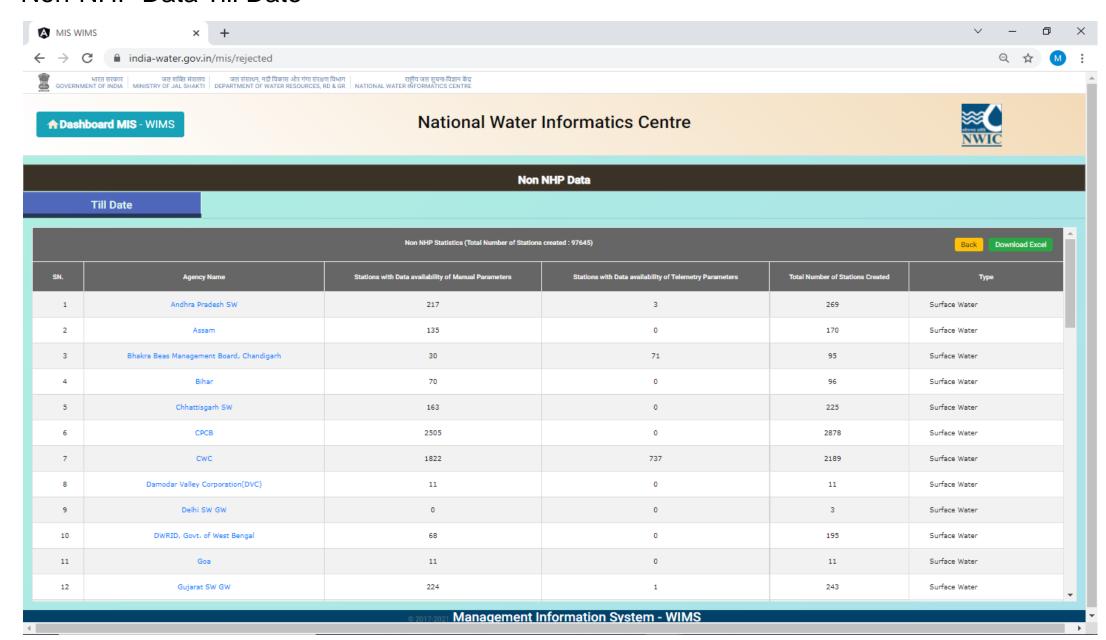
Irrigation & Water Resources Department, Haryana

9

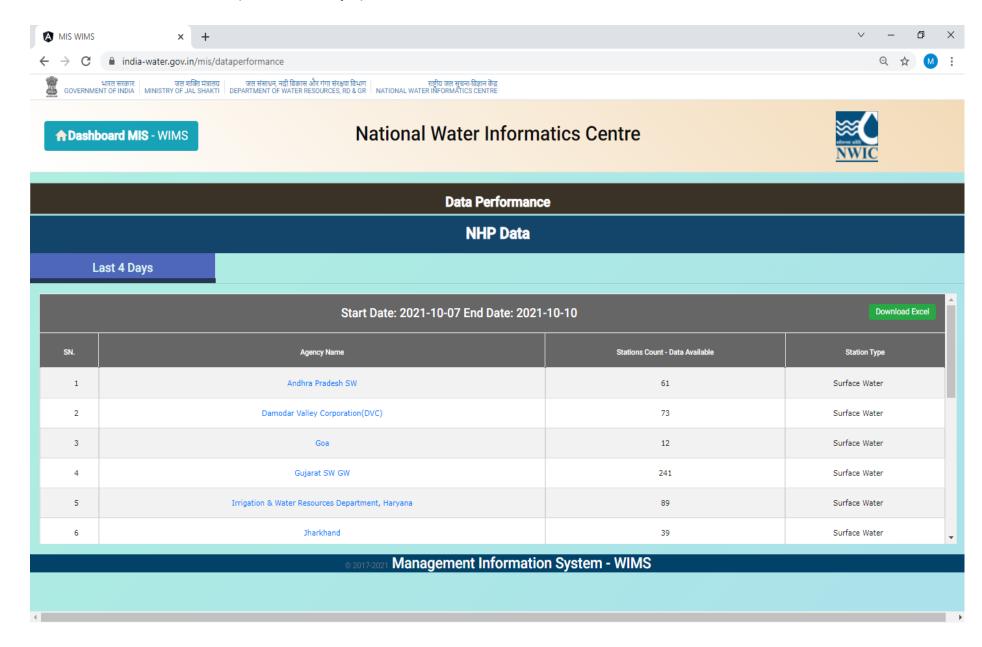
10

11

Non-NHP Data Till Date



Data Performance (Last 4 Days)









↑ Dashboard MIS - WIMS

National Water Informatics Centre



Agend	y Wise
NHP Data	Non NHP Data

Water Level & Rainfall Statistics

CGWB 31118 32690 Ground Water Water Level Non-NHP Chhattisgarh GW 977 1042 Ground Water Water Level Non-NHP Delhi SW GW 0 33 Ground Water Water Level Non-NHP	
CGWB 31118 32690 Ground Water Water Level Non-NHP Chhattisgarh GW 977 1042 Ground Water Water Level Non-NHP Delhi SW GW 0 33 Ground Water Water Level Non-NHP	Туре
3 Chhattisgarh GW 977 1042 Ground Water Water Level Non-NHP 4 Delhi SW GW 0 33 Ground Water Water Level Non-NHP	Telemetry
4 Delhi SW GW 0 33 Ground Water Water Level Non-NHP	Manual
	Manual
	Telemetry
5 DWRID, Govt. of West Bengal 0 1979 Ground Water Water Level Non-NHP	Manual
6 Gujarat SW GW 976 1052 Ground Water Water Level Non-NHP	Manual
7 Himachal Pradesh 0 82 Ground Water Water Level Non-NHP	Telemetry
8 Jharkhand GW 0 365 Ground Water Water Level Non-NHP	Manual
9 Karnataka GW 890 1011 Ground Water Water Level Non-NHP	Manual
10 Kerala Ground Water 836 938 Ground Water Water Level Non-NHP	Manual
11 Madhya Pradesh GW 5651 5768 Ground Water Water Level Non-NHP	Manual
12 Maharashtra GW 0 4529 Ground Water Water Level Non-NHP	Manual





Questions and Answers with Feedback For any query & help, you can send email on helpdesk-nwic@gov.in

THANK YOU

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@NationalWaterI1