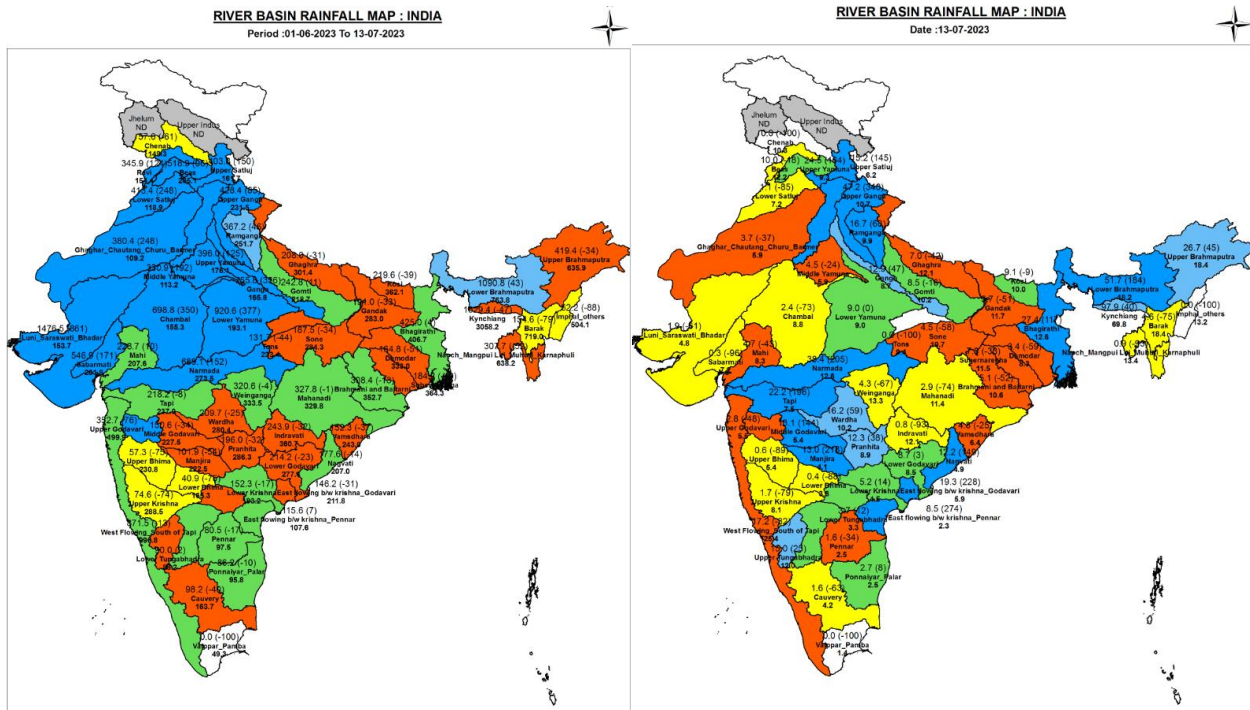




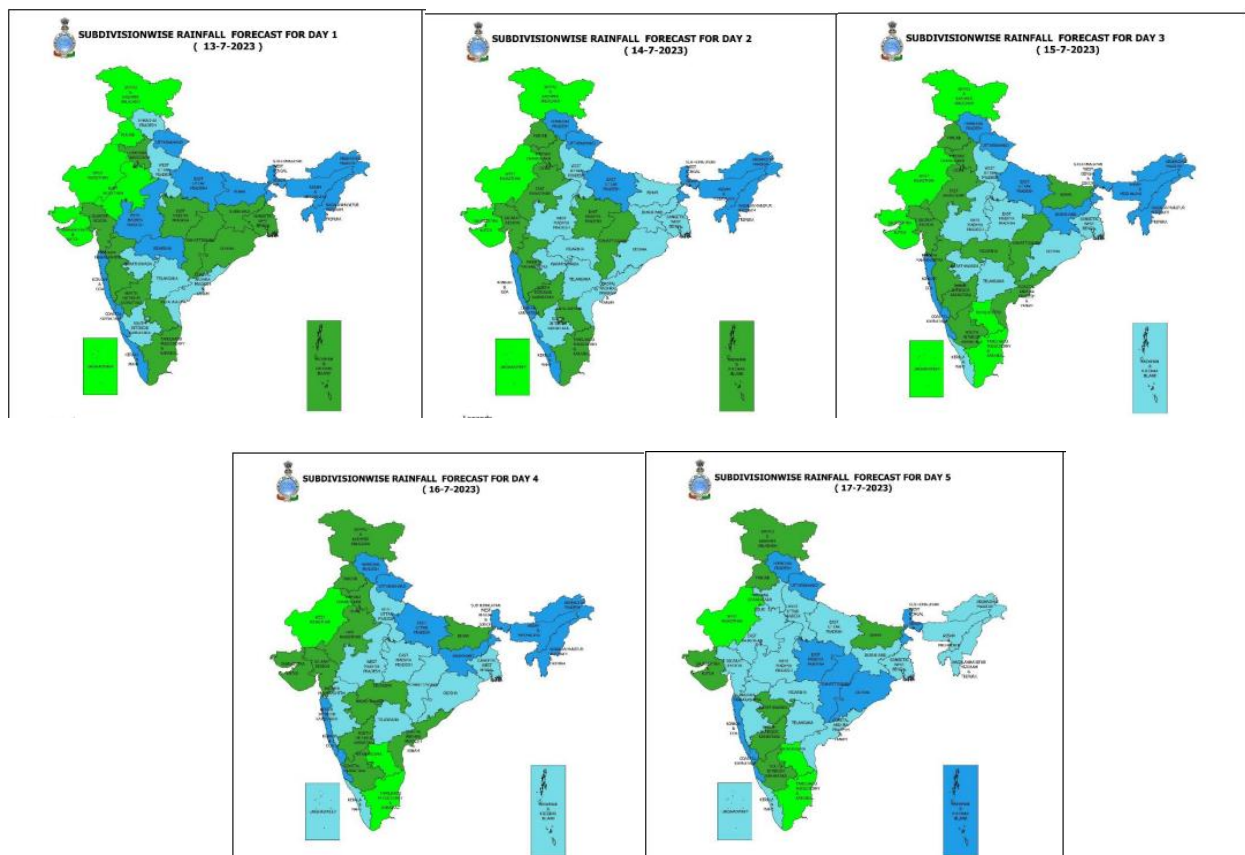
Central Water Commission Daily Flood Situation Report cum Advisories 13-07-2023

1.0 Rainfall Situation

1.1 Basin wise departure from normal of cumulative and daily rainfall



1.2 Rainfall forecast for next 5 days issued on 13th July 2023 (Midday) by IMD



Legends

- DRY : No station reported rainfall ≥ 0.1 mm
- ISOLATED : No. of rain gauge stations reported rainfall ≥ 0.1 mm is 1-25% of total no. of reporting stations on the day
- SCATTERED : No. of rain gauge stations reported rainfall ≥ 0.1 mm is 26-50% of total no. of reporting stations on the day
- FAIRLY WIDE SPREAD : No. of rain gauge stations reported rainfall ≥ 0.1 mm is 51-75% of total no. of reporting stations on the day
- WIDE SPREAD : No. of rain gauge stations reported rainfall ≥ 0.1 mm is 75-100% of total no. of reporting stations on the day

2.0 Flood Situation and Advisories

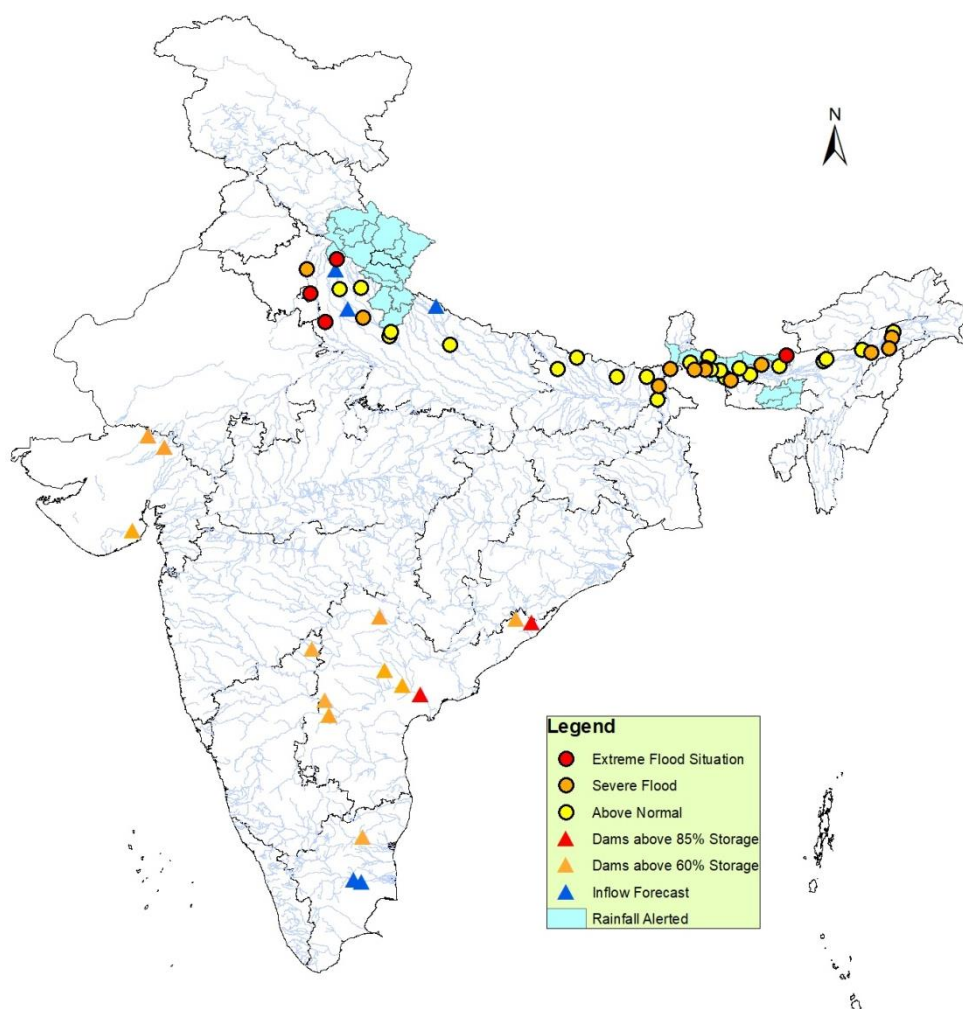
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 13th July 2023, 1 station in Delhi is flowing in Extreme Flood Situation, 11 stations (5 in Assam, 2 each in Bihar, West Bengal & Uttar Pradesh) are flowing in Severe Flood Situation, 23 stations (8 in Assam, 5 each in Bihar, Uttar Pradesh & West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 5 Dams and Barrages (3 in Uttar Pradesh & 2 in TamilNadu)

PART - I: LEVEL FORECAST		(Total Sites - 199)		
S.No.	Flood Situations	State-wise Flood Situation	Numbers of Forecasting Sites	
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	Delhi(1)	1	
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	Assam(5), Bihar(2), Uttar Pradesh(2), West Bengal(2)	11	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(8), Bihar(5), Uttar Pradesh(5), West Bengal(5)	23	
Total number of sites above Warning Level (A+B+C)			35	
PART - II: INFLOW FORECAST		(Total Sites - 134)		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		Tamil Nadu(2), Uttar Pradesh(3)	5	

Details are given at link:- https://cwc.gov.in/sites/default/files/cfrcwcdfb13.07.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Uttarakhand

IMD has predicted very heavy rains to extremely heavy rains in **Tehri Garhwal, Pauri Garhwal, Dehradun, Almora, Nainital, Champawat, Bageshwar, Pithoragarh and Udham Singh Nagar districts** for next two days. Keep watch for water level rise in rivers such as Upper Yamuna, Gola, Ramganga, Kosi, Fica, Sarda, Sarju, Deoha and other tributaries of rivers in upper Ganga.

Runoff due to past days extremely heavy rainfall over the region has resulted in extreme flood situation in Solani river in Haridwar. Water levels at most of the CWC sites are in steady to falling state. But as the IMD as given Red alert in **Nainital, Champawat, Udham Singh Nagar districts** hence water level rise is expected in **Sarda, Ramganga, Kosi and other small rivers in said districts**. Current flood situation as per CWC network is given below:



CWC Site	Trib./River	District	Flood Type	Trend in Water Level
Raysi	Solani/ Ganga	Haridwar	Extreme	Steady
Betalghat	Kosi	Nainital	Above Normal	Steady
Kanjyoti	Dhuilganga	Pithogarth	Above Normal	Steady
Dosni	Solani/ Ganga	Haridwar	Above Normal	Steady
Bangapani	Gauri Ganga	Pithoragarh	Above Normal	Falling

New Delhi

Due to downward propagation of floods created in Upper Yamuna extreme flood situation exist in northern Delhi. CWC site at Delhi Railway Bridge in North Delhi has reported extreme flood. The water levels at CWC Delhi Railway Bridge site is still in slightly rising condition.

CWC Site	River	District	Flood Type	Trend in Water Level
Delhi Railway Bridge	Yamuna	North Delhi	Extreme	Rising

Roads affected due to rise in water level of Yamuna as provided by Delhi Traffic Advisory is also given for public utilization.



Delhi Traffic Advisory

ROADS AFFECTED DUE TO RISE IN WATER LEVEL OF YAMUNA

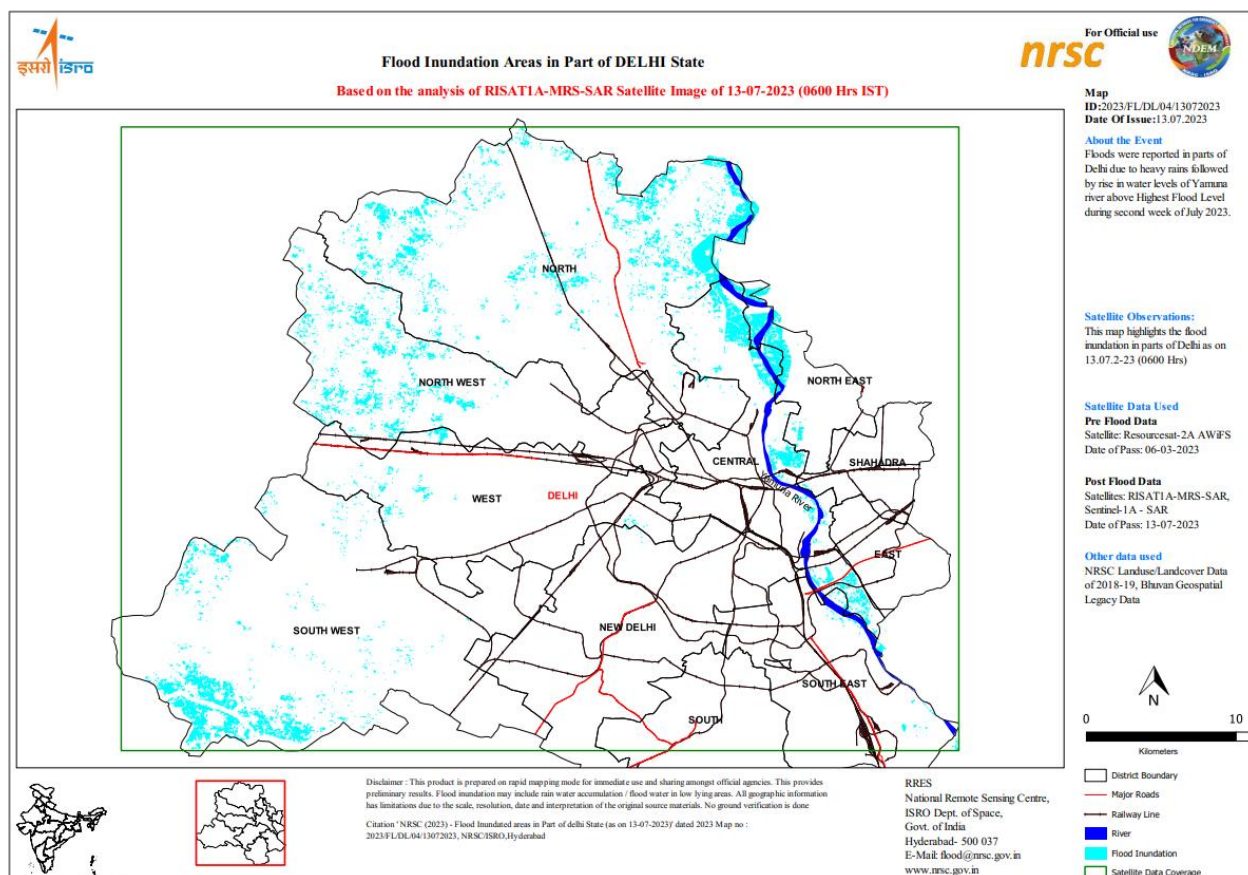
Due to rise in water level of Yamuna and consequent inundation of low lying areas, traffic movement has been affected.

Diversion Points

- 1. Outer Ring Road (Rohini to ISBT):** Traffic movement is allowed only towards GTK Road.
- 2. GTK Road to ISBT (from Sonapat side):** Traffic movement is closed and diverted to the other side.
- 3. GTK Road to Azadpur under Mukarba Chowk Flyover:** Traffic is diverted towards Rohini
- 4. Singhu Border:** Traffic is being diverted to Kundli-Manesar-Palwal (KMP) Expressway
- 5. Mukarba Chowk:** Traffic is being diverted to Peeragarhi Chowk and Narela side
- 6. Bhalswa:** Traffic is being diverted to Peeragarhi and Narela side.
- 7. Passenger buses from Haryana and Punjab** will terminate at Singhu border.

Commuters are advised to avoid the above mentioned roads and plan their journey accordingly

Inundation map provided by NRSC Hyderabad is also shared.



Uttar Pradesh

IMD has predicted very heavy rains for next two days in districts **Bareilly, Pilibhit, Kheri, Bahraich, Shravasti, Sitapur, Barabanki, Gonda, Siddharthnagar, Maharajganj, Kushinagar**. Alert for water level rise may be kept in rivers Ramganga, Sai, Gaghra, Gomti, Mahakali, Rapti and other small rivers over the region.

Due to downward propagation of floods in Yamuna, water level is expected to rise in lower riparian regions. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Nagina	Khoh/ Ramganga	Bijnor	Extreme	Rising
Shergarh	Yamuna	Mathura	Extreme	Rising
Kachlabridge	Ganga	Budaun	Severe	Steady
Mawi	Yamuna	Shamli	Severe	Falling
Fatehgarh	Ganga	Farrukhabad	Above Normal	Rising

Bihar

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Dhengraghat	Mahananda	Purnia	Severe	Rising
Taibpur	Mahananda	Kishanganj	Severe	Rising
Birpur	Kosi	supaul	Severe	Steady

Sub Himalayan West Bengal

IMD has predicted very heavy rainfall over districts such as **Jalpaiguri, Alipurduar, Coochbihar, Darjeeling, Kalimpong** and in **Sikkim** water level rise is expected in rivers such as Jaldhaka, Raidak, Torsa, Sankosh and Teesta in above said districts.

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Mekhliganj	Teesta	Koochbihar	Severe	Rising
Mathabanga	Jaldhaka	Koochbihar	Severe	Rising
Ghugumari	Torsa	Koochbihar	Above Normal	Rising

Assam

IMD has predicted very heavy rainfall over Sikkim and districts such as **Kokrajhar, Chirang, Baksa** till next day, hence water level rise is expected in Brahmaputra and its tributaries such as Puthimari, Aie, Beki, Manas, Pagladiya, Kopili, Sankosh, and other small tributaries located in above said districts. Current flood situation as per CWC site network is as given below:

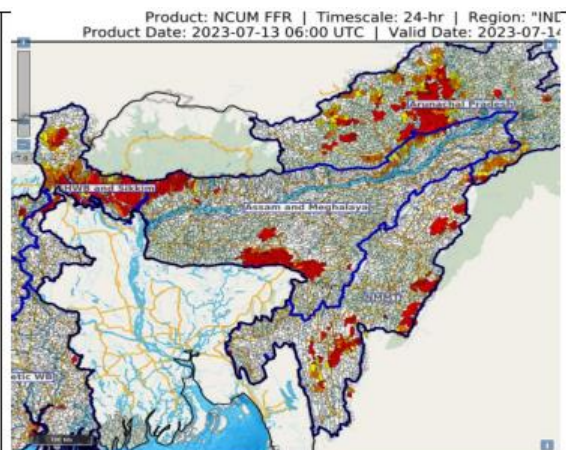
CWC Site	River	District	Flood Type	Trend in Water Level
DRF	Puthimari	Baksa	Extreme	Steady
Beki Road Bridge	Beki	Barpeta	Severe	Rising
Khowang	Buridehing	Dibrugarh	Severe	Rising
Neamatighat	Brahmaputra	Jorhat	Severe	Rising
Nanglamoraghat	Desang	Sivsagar	Severe	Falling
Dhubri	Brahmaputra	Dhubri	Severe	Steady
Margherita	Buridehing	Tinsukia	Severe	Falling
Badatighat	Subansiri	Lakhimpur	Above Normal	Rising
Golokganj	Sankosh	Dhubri	Above Normal	Rising
Kokrajhar	Gaurang	Kokrajhar	Above Normal	Rising
Pagladiya	Pagladiya	Nalbari	Above Normal	Rising

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 14-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Arunachal Pradesh, Assam & Meghalaya, NMMT and SHWB & Sikkim** Met Sub-divisions during next 24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



3.0 Advisory Flood Forecast for next 5-days in Table form

The flood situation at Flood Forecasting Stations likely to be above warning level for next 5 days:

S.No.	Station	River	District	State	14-07-2023	15-07-2023	16-07-2023	17-07-2023	18-07-2023
1	DELHI RAILWAY BRIDGE	YAMUNA	North	NCT of Delhi	E	E	E	S	S
2	GARHMUKTESHWAR	GANGA	Hapur	Uttar Pradesh	AN	AN	S	S	S
3	KACHHLA BRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	E	E	E
5	MAWI	YAMUNA	SHAMLI	Uttar Pradesh	S	S	S	S	S
6	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	S	S	S	S	S
7	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	S	S	S	S	S
8	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN
9	KOKRAJHAR	GAURANG	KOKRAJHAR	Assam	AN	AN	AN	AN	AN
10	GHUGUMARI	TORSA	KOCHBIHAR	West Bengal	S	S	S	S	S
11	JALDHAKA NH-31	JALDHAKA	JALPAIGURI	West Bengal	S	S	S	AN	AN
12	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	N	N	AN	AN	S
13	DABRI	RAMGANGA	Shahjahanpur	Uttar Pradesh	AN	AN	S	S	S
14	DHENGRA GHAT	MAHANANDA	Purnia	Bihar	S	S	S	S	S
15	ELGIN BRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	S	S	S
16	JHAWA	MAHANANDA	Katihar	Bihar	S	S	S	S	S
17	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	S	S	S	S
18	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	S	S	S	S
19	TAIBPUR	MAHANANDA	KISHANGANJ	Bihar	S	S	S	S	AN
20	MORADABAD	RAMGANGA	Moradabad	Uttar Pradesh	AN	AN	AN	AN	S
21	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	S	S	S	S	S
22	DHARAMTUL	KOPILI	MARIGAON	Assam	N	N	N	AN	S
23	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	S	S	S	S	S
24	GUWAHATI (D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	AN	S
25	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	S	S	S	S	S
26	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	S	S	S	S	S
27	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	N	AN	AN	AN	S
28	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	AN	AN	AN	S	S
29	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	S	S	S	S	S
30	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	S
31	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	N	AN	AN	AN	S
32	MANDLA	NARMADA	MANDLA	Madhya Pradesh	N	AN	S	S	S

33	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	S	S
34	DOMOHANI	TEESTA	JALPAIGURI	West Bengal	S	S	S	S	S
35	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	S	S	S	S	S
36	HASIMARA	TORSA	ALIPURDUAR	West Bengal	AN	S	AN	N	N
37	GOLOKGANJ	SANKOSH	DHUBRI	Assam	S	S	S	S	S
38	MATHABHANGA	JALDHAKA	KOCHBIHAR	West Bengal	S	S	S	S	AN
39	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	N	N	N	N	AN
40	BALRAMPUR	RAPTI	Balrampur	Uttar Pradesh	N	N	N	N	AN
41	BALTARA	KOSI	Khagaria	Bihar	N	N	AN	AN	AN
42	BASUA	KOSI	Supaul	Bihar	AN	AN	AN	AN	AN
43	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	N	N	N	AN	AN
44	HARIDWAR (DUDHIA BAND)	GANGA	Haridwar	Uttarakhand	N	N	AN	AN	AN
45	MATHURA (PRAYAG GHAT)	YAMUNA	Mathura	Uttar Pradesh	N	N	N	N	AN
46	PAONTA	YAMUNA	Sirmaur	Himachal Pradesh	N	N	N	AN	AN
47	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	N	N	N	AN	AN
48	RISHIKESH	GANGA	Dehradun	Uttarakhand	N	N	N	AN	AN
49	SRINAGAR	ALAKNANDA	PAURI GARHWAL	Uttarakhand	N	N	N	N	AN
50	DHENG BRIDGE	BAGMATI	Sitamarhi	Bihar	AN	AN	AN	AN	AN
51	KAKARDHARI	RAPTI	BAHRAICH	Uttar Pradesh	N	N	N	N	AN
52	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN
53	NAHARKATIA	BURIDEHING	DIBRUGARH	Assam	N	N	AN	AN	AN
54	NAMSAI	NAO DEHING	LOHIT	Arunachal Pradesh	AN	AN	AN	AN	AN
55	DHOLABAZAR	LOHIT	TINSUKIA	Assam	N	N	N	AN	AN
56	PUTHIMARI NH RD XING	PUTHIMARI	KAMRUP	Assam	N	AN	AN	AN	N
57	PAGLADIYA N T ROAD CROSSING	PAGLADIYA	NALBARI	Assam	AN	AN	AN	AN	AN
58	TUFANGANJ	RAIDAK-I	KOCHBIHAR	West Bengal	AN	AN	AN	AN	AN

Abbreviation: **N:** Normal Flood Situation, **AN:** Above Normal Flood Situation, **S:** Severe Flood Situation, **E:** Extreme Flood Situation

For more details, please visit <https://ffs.india-water.gov.in/> for flood forecast monitoring & short range flood forecast and <https://aff.india water.gov.in/> for medium range flood forecast.

Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled).

Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL)).

Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level).

3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 13th July2023

Storage above 85%	
Storage above 60%	

QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
---------------------	---	--------	-------	-------	-------	-------	--------	------

Sl. No.	Reservoir/Dams	River/Sub-Basin /Basin	State	US/ DS District	Rainfall situation				
					Day 1	Day 2	Day 3	Day 4	Day 5
1	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
2	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Telangana)					
3	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					
4	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
6	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)Bidar					
7	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
8	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
9	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
10	Dantiwada Dam	Banas/Western Flowing River (Kutch & Saurashtra)	Guj	Banaskantha					
11	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
12	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
13	Pulichintala	Krishna/Lower Krishna/Krishna	AP	Nalgonda/Guntoor , Krishna (A P)					

Note- Based on above information, Project Authority may regulate the reservoirs as per standard operating manuals/ rule levels to avoid downstream flooding and upstream submergence.