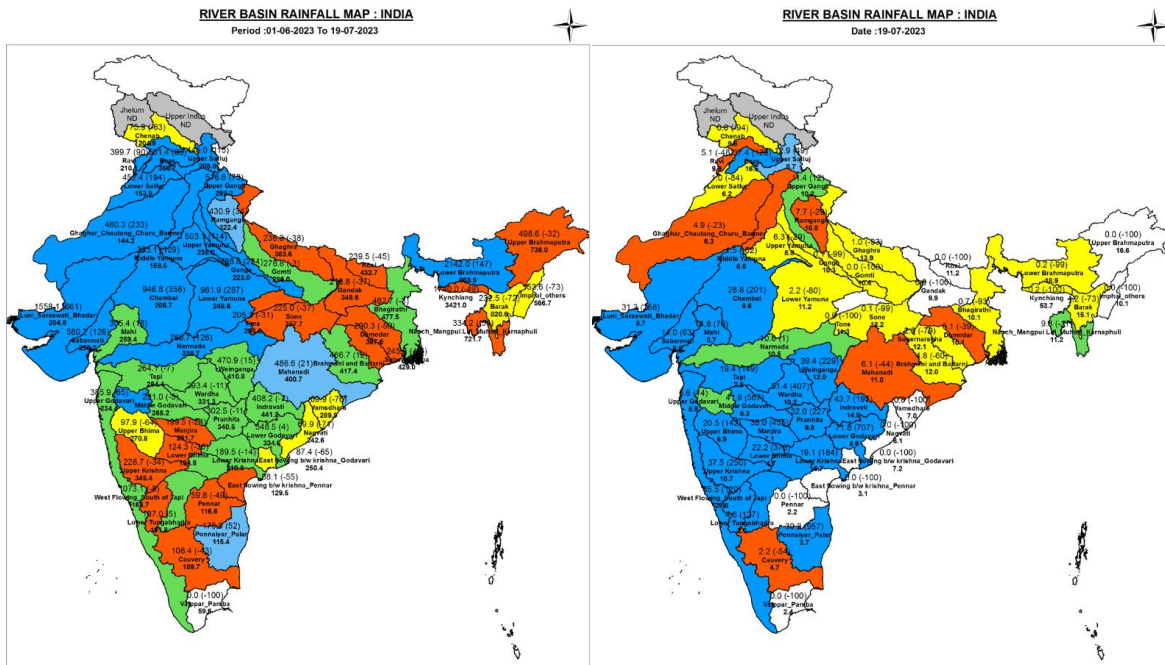




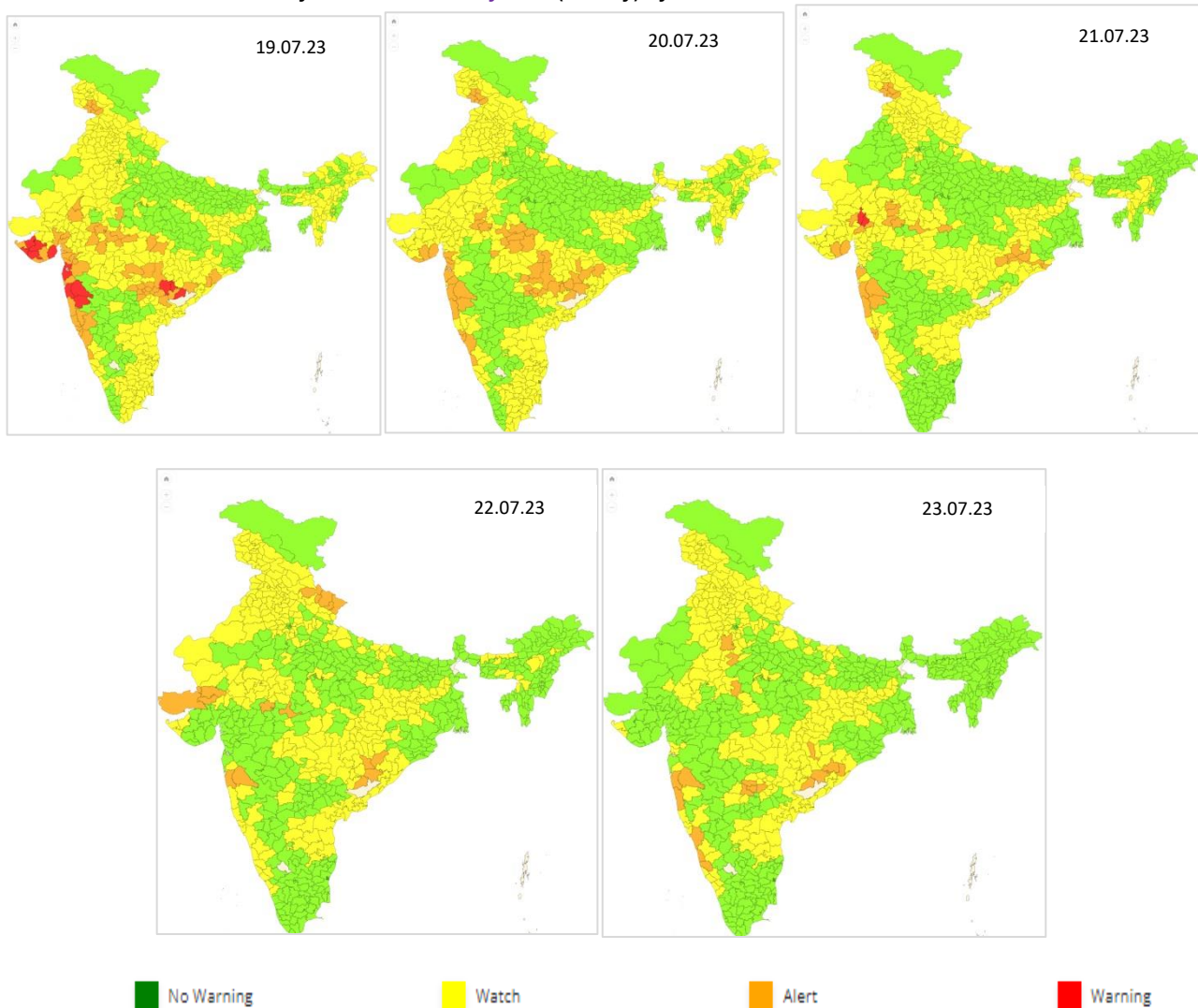
Central Water Commission  
Daily Flood Situation Report cum Advisories  
19-07-2023

1.0 Rainfall Situation

1.1 District wise departure from normal of cumulative and daily rainfall



1.2 Rainfall forecast for next 5 days issued on 19<sup>th</sup> July 2023 (Midday) by IMD



No Warning

Watch

Alert

Warning

## 2.0 Flood Situation and Advisories

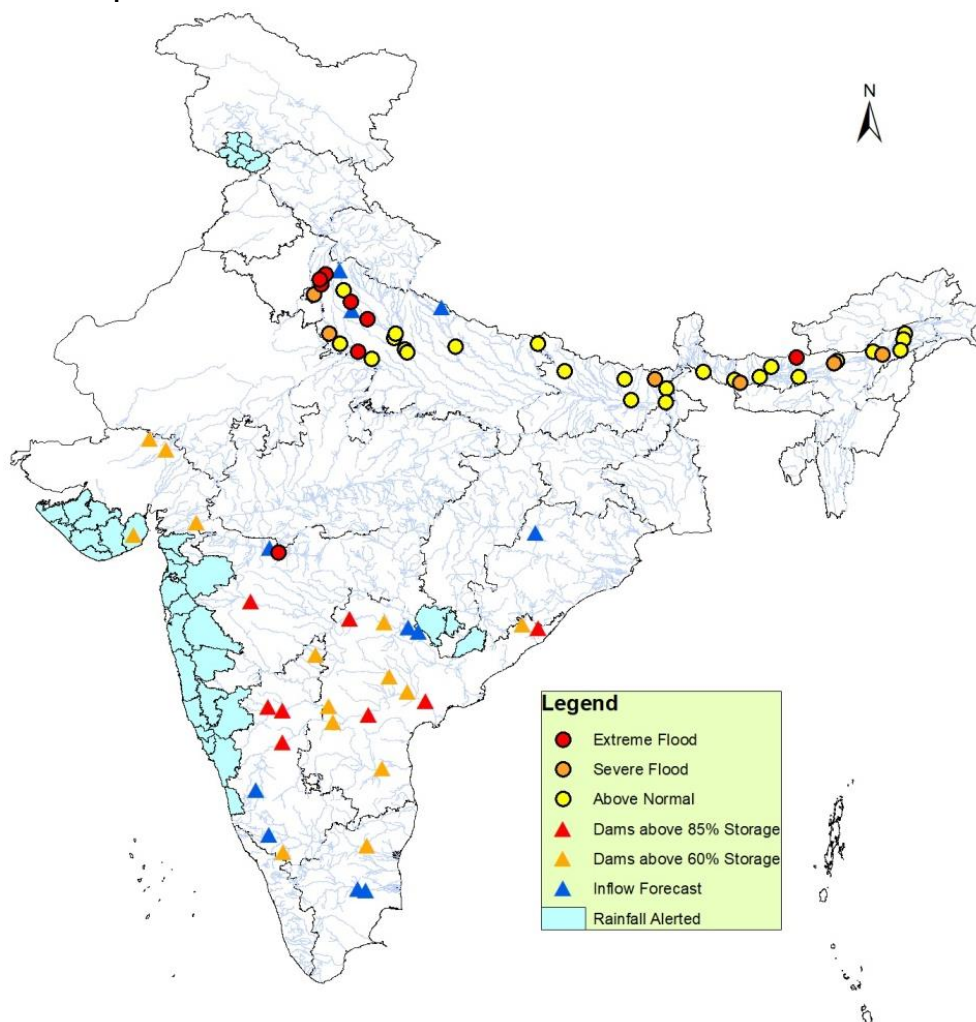
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 19<sup>th</sup> July 2023, 1 station in Uttar Pradesh is flowing in Extreme Flood Situation, 6 stations (3 in Assam and 1 each in Bihar, Delhi & Uttar Pradesh) are flowing in Severe Flood Situation, 24 stations (9 each in Uttar Pradesh & Assam, 5 in Bihar & 1 in West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 11 Dams and Barrages (3 in Uttar Pradesh, 2 each in Telangana, Tamil Nadu & Karnataka and 1 each in Odisha & Maharashtra).

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)	Uttar Pradesh(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(3), Bihar(1), Delhi(1), Uttar Pradesh(1)	6
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(9), Bihar(5), Uttar Pradesh(9), West Bengal(1)	24
Total number of sites above Warning Level (A+B+C)			31
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)		Karnataka(2), Maharashtra(1), Odisha(1), Tamil Nadu(2), Telangana(2), Uttar Pradesh(3)	11

Details are given at link: - [https://cwc.gov.in/sites/default/files/cfrcwcdfb19.07.2023\\_5.pdf](https://cwc.gov.in/sites/default/files/cfrcwcdfb19.07.2023_5.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

### Maharashtra

Due to intensification of monsoon winds, very heavy to extremely heavy rains are expected in **Palghar, Thane, Mumbai, Raigad, Ratnagiri, Sindhudurg, Nasik, Pune, Kolhapur, Satara** districts, hence alert for water level rise may be kept in Kajvi, Upper Krishna, Bhima, Ulhas, Gad, Vaitarna, Savitri, Kal, Bav, Nira, Pachganga and other small rivers over the region. Alert for water level rise also may be kept in Pranhita, Wainganga, Wardha, Penganaga and other small rivers over **Chandrapur, Gadchiroli and Yavatmal districts**. **As per CWC network few west flowing rivers are in severe to above normal flood situation**. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Talaswada	Nalganaga/ Trib of Tapi	Buldana	Extreme	Rising
Badlapur	Ulhas	Thane	Severe	Rising
Mahad	Savitri	Raigad	Severe	Falling
Muradpur	Vashisti	Ratnagiri	Above Normal	Rising
Nagothane	Amba	Raigad	Above Normal	Falling

### Gujarat

Due to intensification of monsoon winds, very heavy rains are expected in **Valsad, Tapi, Surat, Bharuch, Dangs, Navsari** hence alert for water level rise is expected in Tapi, Damanganga, Auranga, Par, Mindhola, kaveri, Ambika and other small rivers of South Gujarat region. Very heavy to extremely heavy rains are expected Rajkot, **Junagah, Jamnagar, Porbander, Junagadh, Amreli, Bhavnagar, Dev Bhoomi Dwaraka and Gir Somnath** districts. Alert for water level rise may be kept Shetrunji, Hiran, Machhundri, Bhadar, Machhu, Vatru and other small rivers of Saurashtra region. In north Gujarat region alert for water level rise may be kept in Lower Mahi and Sabarmati basin as very heavy rains are expected in **Kheda, Ahmedabad and Anand** districts.

### Odisha

As the conditions are favorable for formation of Low Pressure Area over Coastal Odisha and adjoining Bay of Bengal very heavy rains are expected in **Ganjam, Gajapathi, Kandhamal, Kalahandi, Nawrangapur, Koraput and Malkangiri** districts. Hence alert for water level rise may be kept in Kolab, Indravati, Rushikulya, Vamsadhara and other small rivers in the region.

### Andhra Pradesh

Very heavy rainfall is expected in **Srikakulam, Alluri Sitharamaraju, Eluru** districts. Alert for water level rise may be kept in Swarnamukhi, Godavari and other small rivers over the region.

### Telangana

Extremely to very heavy rainfall is expected in **B.Kothagudem, Karimnagar, Komaram Bheem, Nizamabad, Peddapalle, Siddipet, Adilabad, Jagital, Mancheria, Rajanna Sircilla, Mulugu, J. Bhupalpally** districts. Alert for water level rise may be kept in Godavari, Krishna and small rivers such as Wyr, Kinnerasani and others in the said region.

### Karnataka

Very heavy rainfall is expected **Belgavi, Uttara Kannada and Udupi** districts, hence alert for water level rise may be kept in Malaprabha, Ghataprabha, Sharavati, Aghanashini, Sambhavi, Varahi and other small rivers over the region. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Santegulli	Aghanashini	Uttara Kannada	Above Normal	Rising

## Jammu

IMD has predicted very heavy rains in **Reasi, Ramban, Jammu, Udhampur, Samba, Kathua districts**, hence alert for water level rise may be kept in Chenab, Jhelum and other small rivers over the region

## Uttarakhand

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Raysi	Solani	Haridwar	Severe	Rising
Bangapani	Gauri ganga	Pithoragarh	Above Normal	Rising
Kanjyothi	Dhuilganga	Pithoragarh	Above Normal	Steady

## New Delhi

Due to downward propagation of floods created in Upper Yamuna **Severe flood situation** exist in northern Delhi. CWC site at Delhi Railway Bridge in North Delhi has reported severe flood. The water levels at CWC Delhi Railway Bridge site is in rising state further falling condition is expected and a fall of 205.45 m is expected by 20.07.2023 04:00 AM.

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

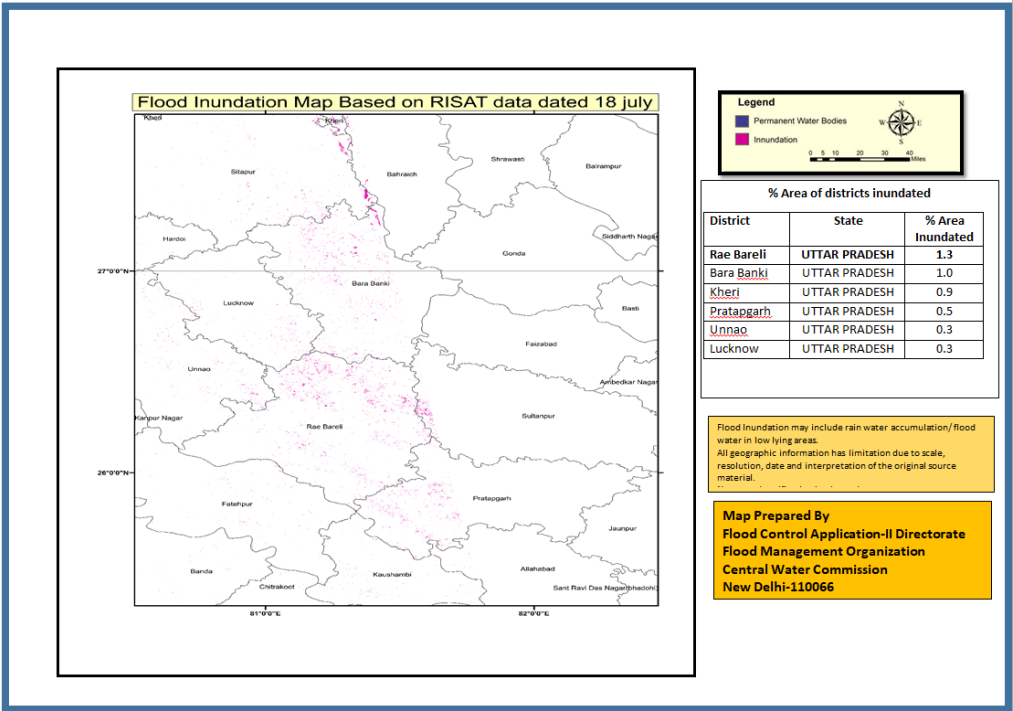
## Uttar Pradesh

Due to downward propagation of floods in Yamuna water level is expected to rise in lower riparian regions like Mathura, Agra.

As per CWC network flood situation exists in Ganga river in districts **Hapur, Budan, Farrukhabad, Fatehpur**, in Ramganaga in districts **Moradabad, Shahjahanpur**, in Sarda in district **Kheri** and Ghaghra in district **Barabanki, Ayodhya**. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Ratanpuri	Kali	Muzaffarnagar	Extreme	Rising
Shekpura	Krishni	Baghpat	Extreme	Rising
Bateshwar	Yamuna	Agra	Extreme	Rising
Kachlabridge	Ganga	Budaun	Extreme	Steady
Baleni	Hindon	Baghpat	Extreme	Rising
Nagina	Kho	Bijnor	Extreme	Rising
Pragyaghat	Yamuna	Mathura	Severe	Steady
Elginbridge	Ghagra	Barabanki	Above Normal	Rising
Etawah	Yamuna	Etawah	Above Normal	Rising
Kannauj	Ganga	Kannauj	Above Normal	Rising

Inundation Map Prepared by CWC for Uttar Pradesh



Bihar

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Birpur	Kosi	Supaul	Severe	Falling
Araria	Parman	Araria	Severe	Falling
Baltara	Kosi	Khagaria	Above Normal	Rising
Dumariaghat	Gandak	Gopalganj	Above Normal	Rising

Assam

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
Dhubri	Brahmaputra	Dhubri	Severe	Falling
Neamatighat	Brahmaputra	Jorhat	Severe	Falling
Tezpur	Brahmaputra	Sonitpur	Severe	Steady

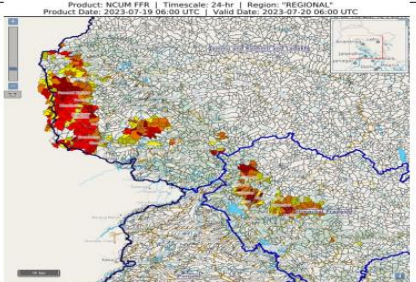


2.3 Flash Flood Guidance

**24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 20-07-2023 :**

**Moderate flash flood risk** likely over few watersheds & neighbourhoods of **Jammu & Kashmir & adjoining Himachal Pradesh** Met Sub-divisions during next 24 hours.

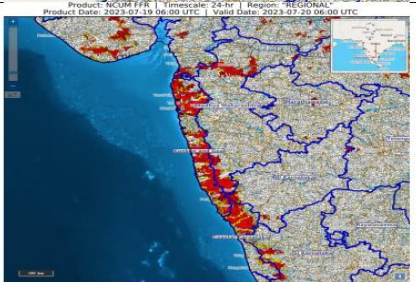
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



**24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 20-07-2023 :**

**Moderate to High flash flood risk** likely over few watersheds & neighbourhoods of **Coastal Karnataka, Konkan & Goa and adjoining South Gujarat Region and Saurashtra & Kutch** Met Sub-divisions during next 24 hours.

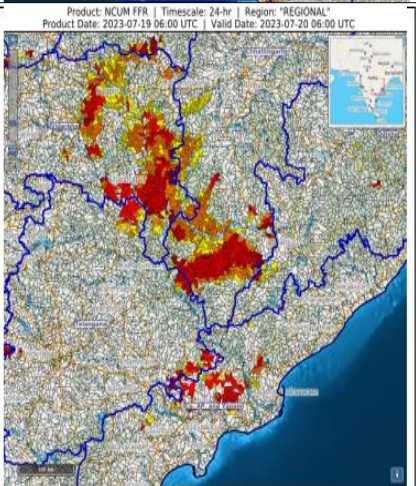
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



**24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 20-07-2023 :**

**Moderate flash flood risk** likely over few watersheds & neighbourhoods of **Vidarbha & South Chhattisgarh** 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 situational Flood Forecasting Stations likely to be above warning level for next 5 days:

S.No.	Station	River	District	State	20-07-2023	21-07-2023	22-07-2023	23-07-2023	24-07-2023
1	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	E	E	E	E	S
2	DOWLAISWARAM (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	Andhra Pradesh	AN	S	S	S	S
3	DELHI RAILWAY BRIDGE	YAMUNA	North	NCT of Delhi	S	S	S	S	S
4	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	S	S	S	S	S
5	MATHURA (PRAYAG GHAT)	YAMUNA	Mathura	Uttar Pradesh	S	S	S	S	S
6	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	S	S	AN
7	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	S	S	S	S	S
8	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	N	AN	AN	AN	S
9	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	S	S	S	S	S
10	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	S
11	MANDLA	NARMADA	MANDLA	Madhya Pradesh	N	N	AN	S	S
12	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	S	S
13	AGRA (J.B.)	YAMUNA	Agra	Uttar Pradesh	AN	AN	AN	AN	AN
14	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN
15	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	AN
16	BALTARA	KOSI	Khagaria	Bihar	AN	AN	AN	AN	AN
17	BASUA	KOSI	Supaul	Bihar	AN	AN	AN	AN	AN
18	BENIBAD	BAGMATI	Muzaffarpur	Bihar	N	N	AN	AN	AN
19	DABRI	RAMGANGA	Shahjahanpur	Uttar Pradesh	AN	N	N	N	N
20	DARAUULI	GHAGRA	Siwan	Bihar	N	N	N	N	AN
21	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	AN	AN	AN	AN	AN
22	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN
23	ETAWAH	YAMUNA	Etawah	Uttar Pradesh	AN	AN	AN	AN	AN
24	GARHMUKTESHWAR	GANGA	Hapur	Uttar Pradesh	AN	AN	AN	N	N
25	JHAWA	MAHANANDA	Katihar	Bihar	AN	N	N	N	N
26	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	N	N	N	N
27	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
28	DHENG BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	AN	AN	AN
29	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	AN	AN	AN	AN
30	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	AN	AN	N	N	AN
31	DHARAMTUL	KOPILI	MARIGAON	Assam	N	N	N	AN	AN

32	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN
33	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN
34	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	AN	AN
35	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN
36	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	AN	AN	AN	AN	AN
37	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	AN	N	AN	AN	AN
38	PUTHIMARI NH RD XING	PUTHIMARI	KAMRUP	Assam	N	N	AN	AN	AN
39	SUBHASH BRIDGE	SABARMATI	Ahmedabad	Gujarat	N	N	N	AN	AN
40	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	AN	AN	AN	AN
41	GOLOKGANJ	SANKOSH	DHUBRI	Assam	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 19<sup>th</sup> July 2023

Storage above 85%	
Storage above 60%	

QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
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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	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					
3	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
4	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Telangana)					
5	Pulichinthala	Krishna/Lower Krishna/Krishna	AP	Nalgonda/Guntoor , Krishna (A P)					
6	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
7	Prakasam Barrage	Krishna/Lower Krishna/Krishna	AP	Eluru / Guntoor/ West Godavari					
8	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
9	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)Bidar					
10	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
11	Dantiwada Dam	Banas/Western Flowing River (Kutch & Saurashtra)	Guj	Banaskantha					
12	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
13	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
14	Sardar Sarovar Dam	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Nrmada( Guj), Nadurbar( MP)/Narmada, Vadodra, Bharuch (Guj)					
15	kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Kar)/Mysuru(Kar)					
16	Srisaillam	Krishna/Lower Krishna/Krishna	AP	JogulambaGadwal(Telangana), Kurnool(AP)/ Nalgonda(Telangana), Guntoor (AP)					
17	Somasila	Pennar/Lower Pennar/Pennar	AP	Kadapa(AP)/Nellore(AP)					
18	Almati	Krishna/Upper Krishna/Krishna	kar	Kolhapur(Maharashtra)/ Bagalkote(Karnataka)					
19	Jaiwadi	Godavari/Upper Godavari/Godavari	Mah	Aurangabad, Ahmadnagar/Bid, Jalna					
20	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yaadgir					
21	Sriramsagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherial(Telangana)					
22	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					

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

