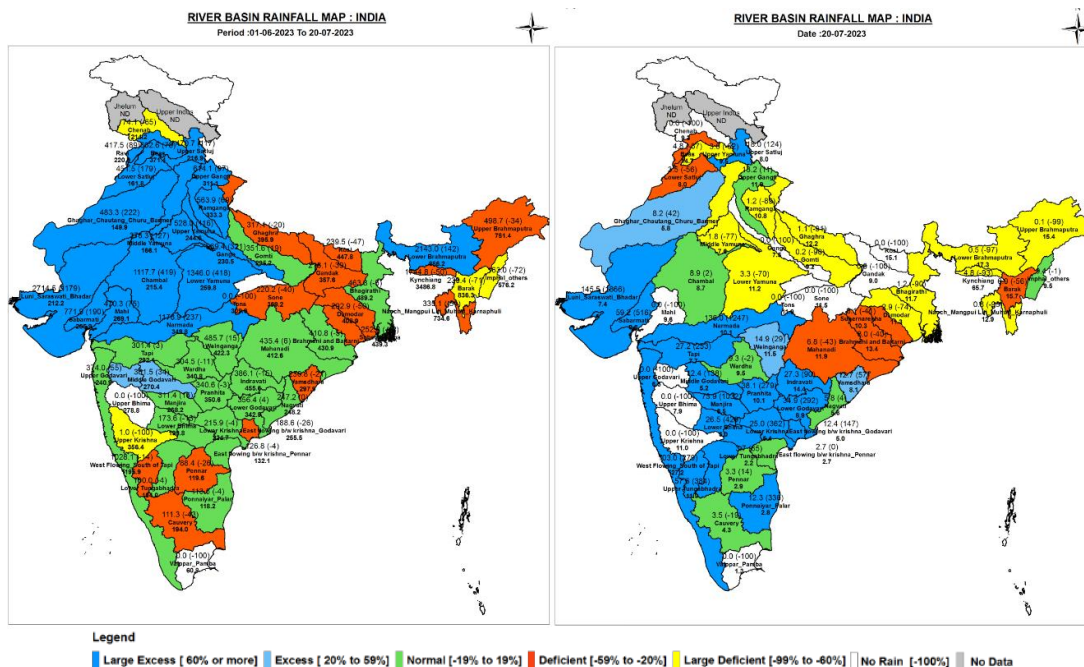




Central Water Commission  
Daily Flood Situation Report cum Advisories  
20-07-2023

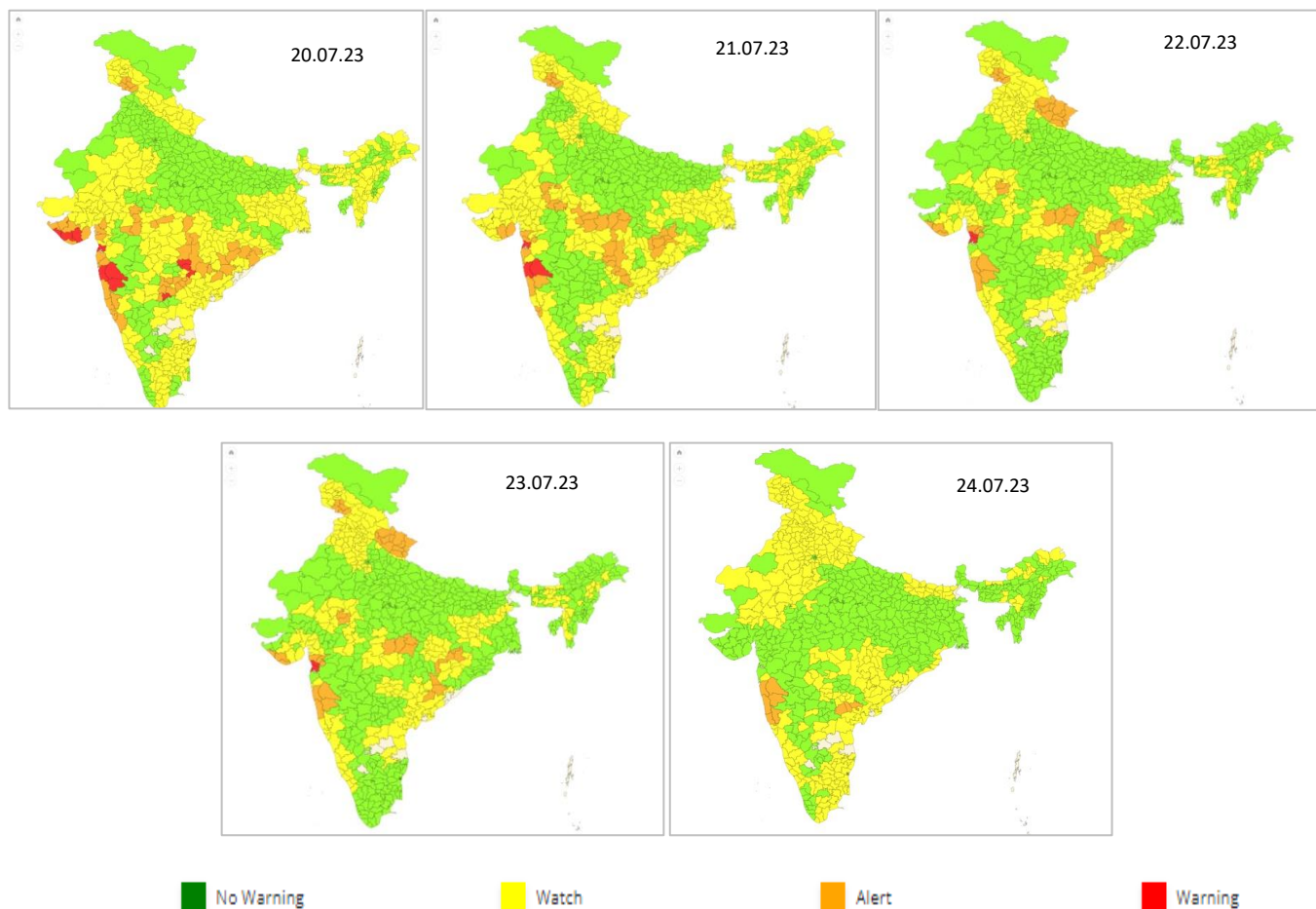
1.0 Rainfall Situation

1.1 District wise departure from normal of cumulative and daily rainfall



NOTES :  
a) Rainfall figures are based on operation data.  
b) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm).  
c) Percentage Departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 20<sup>th</sup> July 2023 (Midday) by IMD



## 2.0 Flood Situation and Advisories

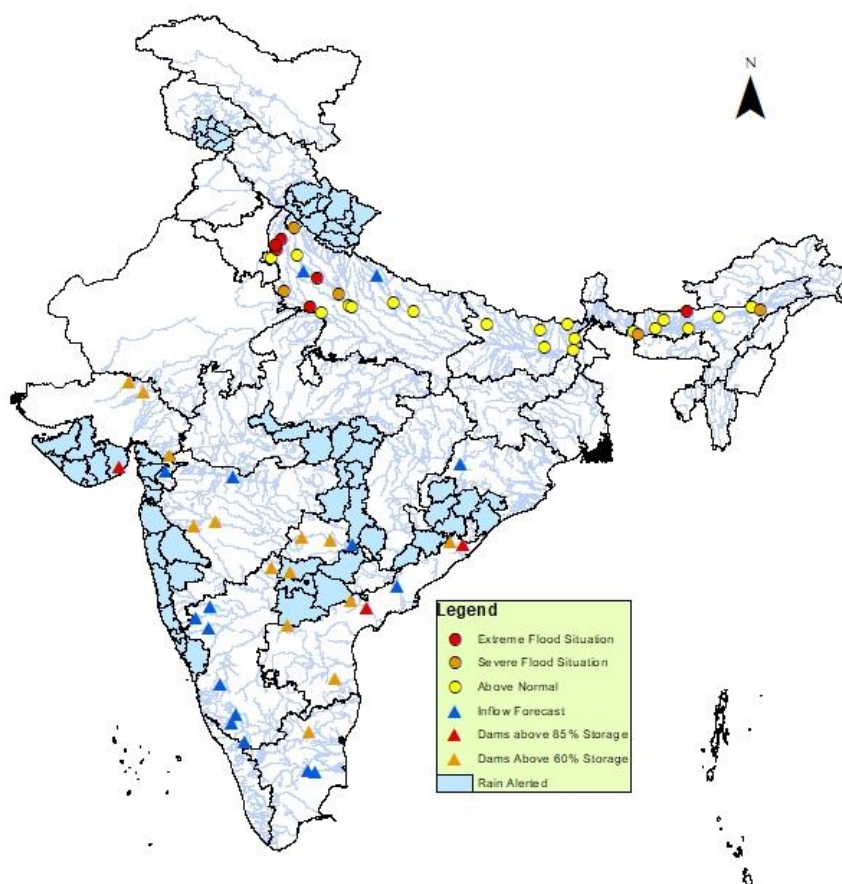
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 20<sup>th</sup> July 2023, 1 station in Uttar Pradesh is flowing in Extreme Flood Situation, 4 stations (2 each in Assam & Uttar Pradesh) are flowing in Severe Flood Situation, 20 stations (7 in Assam, 6 each in Bihar & Uttar Pradesh and 1 in Delhi) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 19 Dams and Barrages (7 in Karnataka, 3 in Uttar Pradesh, 2 each in Maharashtra, Telangana & Tamil Nadu and 1 each in Andhra Pradesh, Gujarat & Odisha).

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(2), Uttar Pradesh(2)	4	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(7), Bihar(6), Delhi(1), Uttar Pradesh(6)	20	
Total number of sites above Warning Level (A+B+C)			25	
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)		Andhra Pradesh(1), Gujarat(1), Karnataka(7), Maharashtra(2), Odisha(1), Tamil Nadu(2), Telangana(2), Uttar Pradesh(3)	19	

Details are given at link: - [https://cwc.gov.in/sites/default/files/cfrcwcdfb20.07.2023\\_5.pdf](https://cwc.gov.in/sites/default/files/cfrcwcdfb20.07.2023_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.

### Gujarat

Due to intensification of monsoon winds, very heavy rains are expected in **Valsad, Surat, Bharuch, Dangs, Navsari** hence alert for water level rise is expected in lower Narmada, 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, 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.

### 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 **Nayagarh, Ganjam, Kandhamal, Kalahandi, Nawrangapur, Koraput, Malkangiri, Sambalpur, Bargarh, Boudh, Bolangir, Nuaparha, Sonepur** districts. Hence alert for water level rise may be kept in Kolab, Nagavali, Indravati, Rushikulya, Vamsadhara, Mahanadi 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

Very heavy rainfall is expected in **Komaram Bheem, Mulugu, Mancherial, J. Bhupalpally, Siddipet, Sangareddy, Medak, Bhadrachalam** hence alert for water level rise is expected in Godavari and its tributaries in the said region. Due to very heavy rains in **Warangal Rural, Jangaon, Y. Bhuvanagiri, Hyderabad, Rangareddy, Mahabubnagar, Narayanpet**, alert for water level rise may be kept Krishna and its tributaries in the said region. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Kunavaram	Godavari	Alluri Sitaramaraju	Above Normal	Rising and <b>expected to cross danger level by today (20.07.2023) night</b>
Bhadrachalam	Godavari	Bhadrachalam	Above Normal	Rising
Perur	Godavari	Mulugu	Above Normal	Steady

### Uttar Pradesh

Due to downward propagation of floods in Yamuna water level is expected to rise in lower riparian region like 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
Shekpura	Krishni	Baghpat	Extreme	Falling
Bateshwar	Yamuna	Agra	Extreme	Steady
Kachlabridge	Ganga	Budaun	Extreme	Falling
Baleni	Hindon	Baghpat	Extreme	Rising
Pragyaghat	Yamuna	Mathura	Severe	Steady
Fatehgarh	Ganga	Farrukhabad	Severe	Steady
Etawah	Yamuna	Etawah	Above Normal	Rising
Elginbridge	Ghagra	Barabanki	Above Normal	Rising
Ayodhya	Ghagra	Ayodhya	Above Normal	Rising

## 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	Falling
Bangapani	Gauri ganga	Pithoragarh	Above Normal	Rising
Kanjyothi	Dhuilganga	Pithoragarh	Above Normal	Steady

## 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	Falling
Dhubri	Brahmaputra	Dhubri	Severe	Steady
Neamatighat	Brahmaputra	Jorhat	Severe	Falling

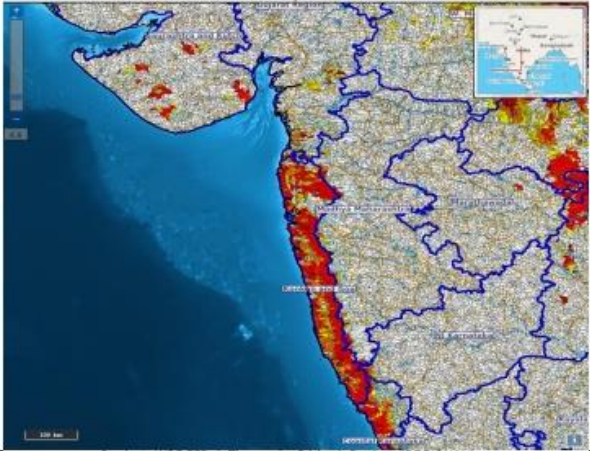
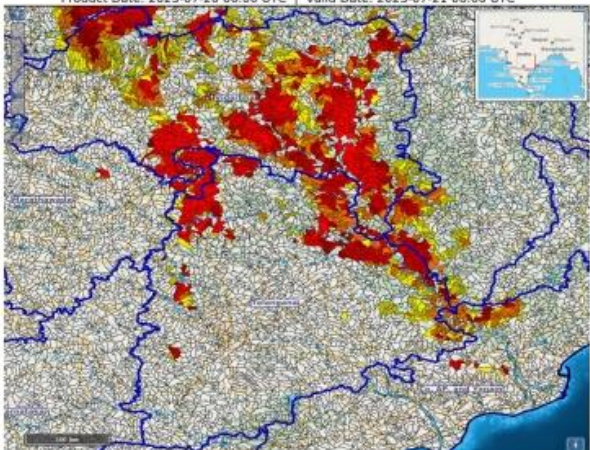
## Karnataka

Current flood situation as per CWC site network is as given below:

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



2.3 Flash Flood Guidance

<p><b><u>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 21-07-2023 :</u></b></p> <p><b>Moderate flash flood risk</b> likely over few watersheds &amp; neighbourhoods of <b>Coastal Karnataka, Konkan &amp; Goa</b> and adjoining <b>South Gujarat Region and Saurashtra &amp; Kutch</b> Met Sub-divisions during next 24 hours.</p> <p>Surface runoff/ Inundation may occur at some fully saturated soils &amp; low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.</p>	<p>Product: WRF FFR   Timescale: 24-hr   Region: "REGIONAL" Product Date: 2023-07-20 06:00 UTC   Valid Date: 2023-07-21 06:00 UTC</p>  <p>Product: WRF FFR   Timescale: 24-hr   Region: "REGIONAL"</p>
<p><b><u>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 21-07-2023 :</u></b></p> <p><b>Moderate flash flood risk</b> likely over few watersheds &amp; neighbourhoods of <b>Telangana, Vidarbha and adjoining Madhya Maharashtra</b> Met Sub-divisions during next 24 hours.</p> <p>Surface runoff/ Inundation may occur at some fully saturated soils &amp; low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.</p>	<p>Product: WRF FFR   Timescale: 24-hr   Region: "REGIONAL" Product Date: 2023-07-20 06:00 UTC   Valid Date: 2023-07-21 06:00 UTC</p>  <p>Product: WRF FFR   Timescale: 24-hr   Region: "REGIONAL"</p>

### 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	21-07-2023	22-07-2023	23-07-2023	24-07-2023	25-07-2023
1	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	E	E	S	E	E
2	BHANDARA	WAINGANGA	Bhandara	Maharashtra	N	N	N	S	N
3	KUNAVARAM	GODAVARI	ALLURI SITHARAMA RAJU	Andhra Pradesh	AN	S	S	S	S
4	CHINTURU (TALLAGUDEM_KUMMURU)	SABRI	ALLURI SITHARAMA RAJU	Andhra Pradesh	N	AN	S	S	AN
5	DOWLAISWARAM (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	Andhra Pradesh	AN	AN	S	S	AN
6	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	S	S	S	S	S
7	MATHURA (PRAYAG GHAT)	YAMUNA	Mathura	Uttar Pradesh	S	S	S	S	S
8	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	AN	AN	AN	S
9	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	S	S	AN	S
10	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	N	N	N	AN	S
11	DHARAMTUL	KOPILI	MARIGAON	Assam	N	N	N	AN	S
12	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	S	AN	S	S	S
13	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	N	AN	AN	S	S
14	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	S	AN	AN	S	S
15	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	S
16	MANDLA	NARMADA	MANDLA	Madhya Pradesh	N	N	AN	S	S
17	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	S	S
18	BHADRACHALAM	GODAVARI	BHADRADRI	Telangana	AN	AN	AN	AN	AN
19	DUMMAGUDEM	GODAVARI	BHADRADRI	Telangana	N	AN	AN	AN	AN
20	ETURUNAGARAM	GODAVARI	MULUGU	Telangana	N	AN	AN	AN	N
21	SIRPUR (TOWN)	WARDHA	KUMURAM BHEEM	Telangana	N	N	AN	N	N
22	AGRA (J.B.)	YAMUNA	Agra	Uttar Pradesh	AN	AN	AN	AN	AN
23	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	N
24	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	AN
25	BALTARA	KOSI	Khagaria	Bihar	AN	AN	AN	AN	AN
26	BASUA	KOSI	Supaul	Bihar	AN	AN	AN	AN	AN
27	BENIBAD	BAGMATI	Muzaffarpur	Bihar	N	AN	AN	AN	AN

28	DELHI RAILWAY BRIDGE	YAMUNA	North	NCT of Delhi	AN	AN	AN	AN	AN
29	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	AN	AN	AN	AN	AN
30	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN
31	ETAWAH	YAMUNA	Etawah	Uttar Pradesh	AN	AN	AN	AN	AN
32	GARHMUKTESHWAR	GANGA	Hapur	Uttar Pradesh	AN	AN	AN	AN	AN
33	HARIDWAR (DUDHIA BAND)	GANGA	Haridwar	Uttarakhand	N	N	AN	N	N
34	JHAWA	MAHANANDA	Katihar	Bihar	AN	AN	AN	AN	AN
35	KANNAUJ	GANGA	Kannauj	Uttar Pradesh	AN	AN	N	N	N
36	RISHIKESH	GANGA	Dehradun	Uttarakhand	N	N	AN	N	N
37	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
38	DHENG BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	N	N	AN
39	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	N	N	N	N	AN
40	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN
41	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN
42	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	AN	AN
43	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN
44	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	N	N	N	N	AN
45	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	N	N	N	AN	AN
46	PUTHIMARI NH RD XING	PUTHIMARI	KAMRUP	Assam	N	N	N	N	AN
47	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	N	N	N	N	AN
48	ANNAPURNA GHAT	BARAK	CACHAR	Assam	N	N	N	N	AN
49	SUBHASH BRIDGE	SABARMATI	Ahmedabad	Gujarat	N	N	N	N	AN
50	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	N	N	N	N	AN
51	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	AN	AN	AN
52	GHUGUMARI	TORSA	KOCHBIHAR	West Bengal	N	N	N	N	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 20<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	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					
2	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherla/JaishankarBhupalpally					
3	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Telangana)					
4	Pulichinthala	Krishna/Lower Krishna/Krishna	AP	Nalgonda/Guntoor , Krishna (A P)					
5	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
6	Prakasam Barrage	Krishna/Lower Krishna/Krishna	AP	Eluru / Guntoor/ West Godavari					
7	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
8	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)Bidar					
9	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
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	Sardar Sarovar Dam	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Nrmada( Guj), Nadurbar( MP)/Narmada, Vadodra, Bharuch (Guj)					
14	kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
15	Mula Dam	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
16	Jaikwadi Dam	Godavari/Upper Godavari/Godavari	Mah	Aurangabad, Ahmadnagar/Bid, Jalna					
17	Singur Dam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
18	Laxmi Barrage	Godavari/LowerGodavari/Godavari Basin							
19	Sriramsagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherla(Telangana)					

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



