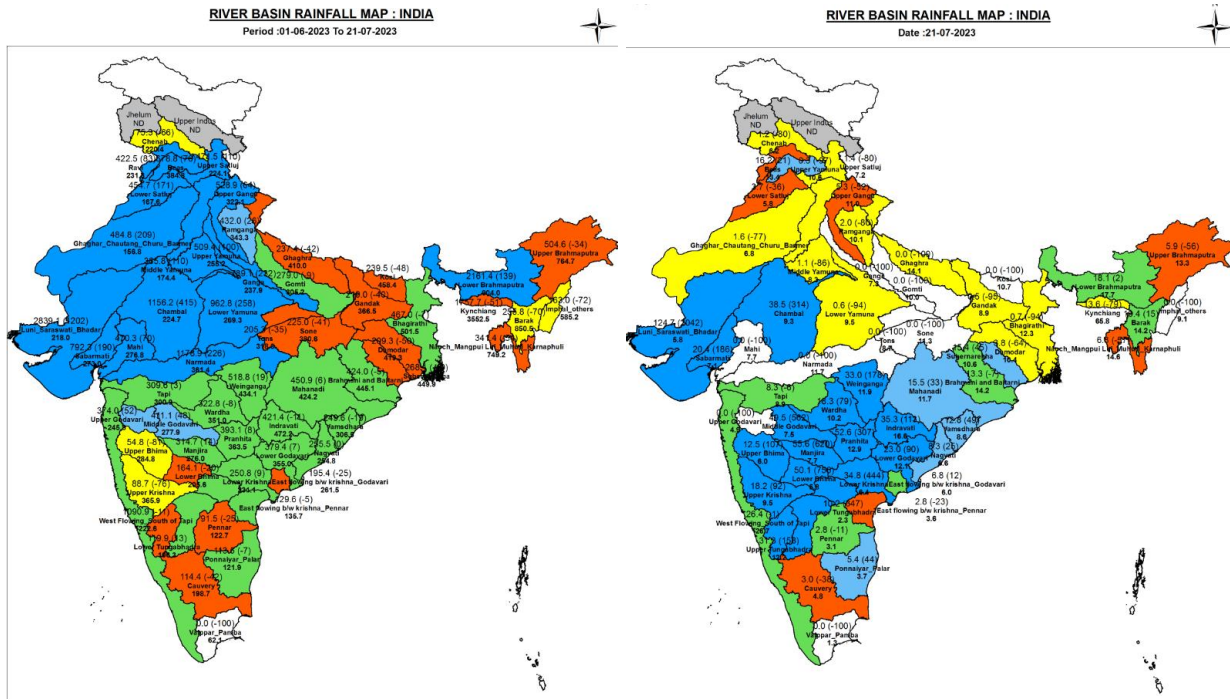




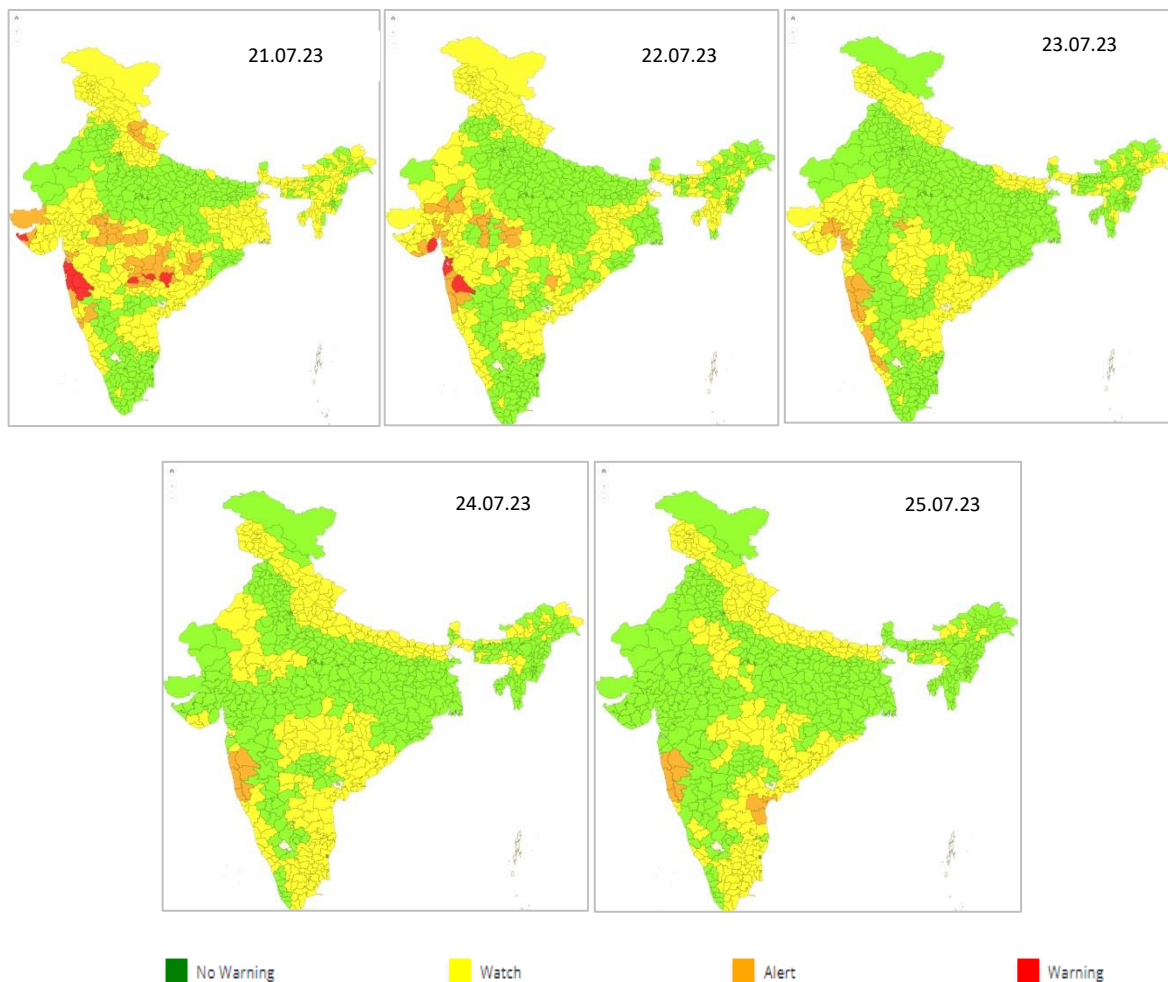
Central Water Commission  
Daily Flood Situation Report cum Advisories  
21-07-2023

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 21<sup>st</sup> July 2023 (Midday) by IMD



## 2.0 Flood Situation and Advisories

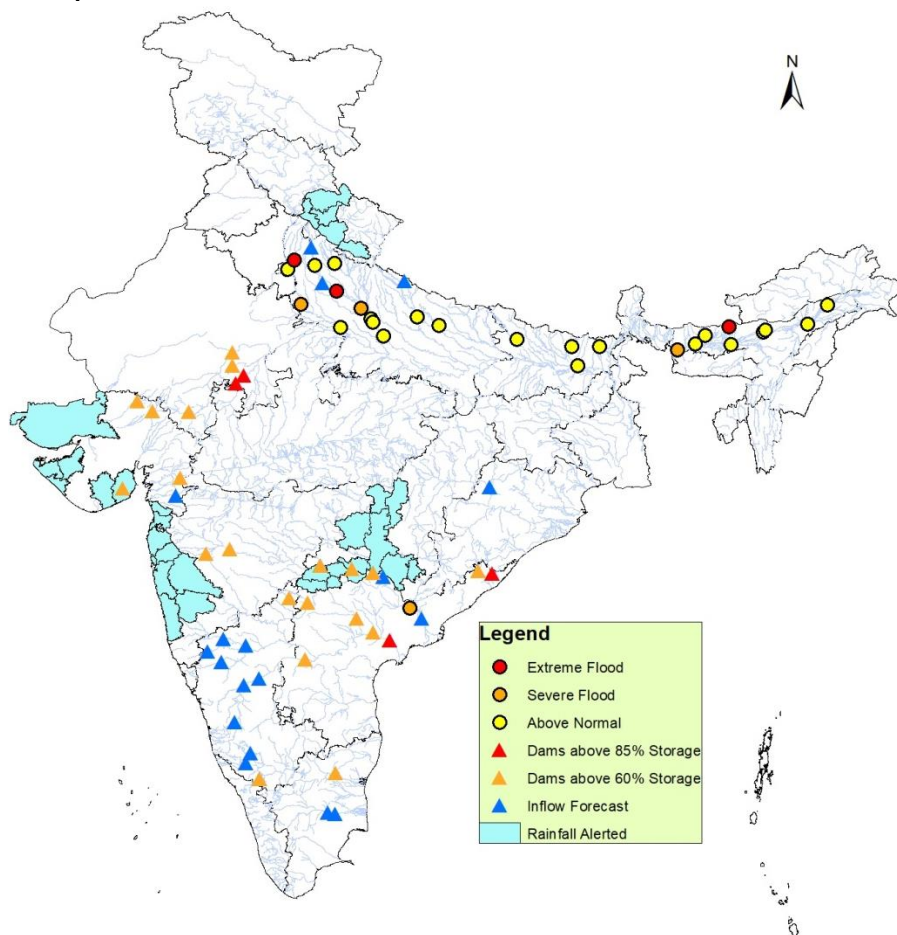
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 21<sup>st</sup> July 2023, 1 station in Uttar Pradesh is flowing in Extreme Flood Situation, 4 stations (2 in Uttar Pradesh & 1 each in Assam & Andhra Pradesh) are flowing in Severe Flood Situation, 20 stations (8 in Uttar Pradesh, 7 in Assam, 4 in Bihar & 1 in Delhi) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 21 Dams and Barrages (10 in Karnataka, 3 each in Telangana & Uttar Pradesh, 2 in 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))	Andhra Pradesh(1), Assam(1), 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(4), Delhi(1), Uttar Pradesh(8)	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(10), Odisha(1), Tamil Nadu(2), Telangana(3), Uttar Pradesh(3)	21

Details are given at link: - [https://cwc.gov.in/sites/default/files/cfcrwcdfb21.07.2023\\_16.pdf](https://cwc.gov.in/sites/default/files/cfcrwcdfb21.07.2023_16.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, Pune, Satara** districts, hence alert for water level rise may be kept in rivers Vaitarna, Ulhas (**Thane** dist.), Patalganga, Amba, Kundalika, Mhasala, Savitri (**Raigad** Dist.), Vashishti, Shastri, Kajvi, Muchkund, Kodavali, Vaghotan (**Ratnagiri** Dist.), Upper Bhima, Upper Krishna and other small rivers of upper Krishna (**Pune, Satara** dists.). Alert for water level rise also may be kept in Pranhita, Wainganga, Wardha, Indravati, Penganaga and other small rivers over **Chandrapur, Gadchiroli, Gondia and Yavatmal districts**. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Nagothane	Amba	Raigad	Severe	Falling

Storages of Major/Medium dams of Konkan region were found to be high (as given below) hence it is requested to do releases as per Standard Operating Procedure after informing downstream areas.

SR.NO	NAME OF DAM	UPDATION OF WATER STORAGE		DESIGNED STORAGE (Meum)			TODAY'S LIVE STORAGE (Meum)		PERCENTAGE OF LIVE STORAGE W.R.T. DESIGNED LIVE STORAGE	
		DATE	TIME	DEAD	LIVE	GROSS	LIVE	GROSS	FOR TODAY	SAME DATE OF LAST YEAR
Kokan Region										
Palghar										
1	Dhamni	18/07/2023	04:28 PM	8.96	276.35	285.31	165.84	174.80	60.01 %	76.43 %
2	Kawdas P. U. Weir	20/07/2023	08:00 AM	3.74	9.96	13.70	10.95	14.69	109.94 %	100.00 %
3	Middle Vaitarna	21/07/2023	07:24 AM	8.57	193.53	202.10	102.87	111.44	53.15 %	94.98 %
Raigarh										
1	Dolwahal weir	15/06/2023	08:55 AM	8.23	6.50	14.74	2.39	10.62	36.77 %	13.97 %
Sindhudurg										
1	Tillari	21/07/2023	07:48 AM	14.80	447.37	462.17	310.49	325.29	69.40 %	81.27 %
Thane										
1	Barvi	21/07/2023	08:21 AM	1.64	233.07	234.71	205.21	206.85	88.05 %	100.00 %
2	Bhatsa	20/07/2023	08:45 AM	34.00	942.10	976.10	456.98	490.98	48.51 %	89.83 %
3	Lower Chondhe	21/07/2023	07:30 AM	0.48	2.73	3.21	1.35	1.83	49.45 %	73.37 %
4	Modaksagar	21/07/2023	07:23 AM	30.19	174.79	204.98	134.28	164.47	76.82 %	99.97 %
5	Tansa	21/07/2023	07:24 AM	12.08	172.52	184.60	140.53	152.60	81.46 %	99.32 %
6	Upper Ghatghar	21/07/2023	06:00 AM	0.68	5.14	5.82	2.11	2.79	41.05 %	39.18 %
Total for Kokan Region		Count:	11	123.37	2464.06	2587.44	1532.99	1656.36	62.21%	89.24%

### 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 **Kuchchh, Jamnagar, Porbander, Amreli, Bhavnagar, Dev Bhoomi Dwaraka and Gir Somnath** districts. Alert for water level rise may be kept Mitti, Shetrunji, Hiran, Machhundri, Bhadar, Machhu, Vatron and other small rivers of Saurashtra and Kuchchh region. In North Gujarat region very heavy rains are expected in Banaskantha, Sabarkantha, Ahmedabad, Anand districts hence alert for water level rise may be kept in rivers Banas, Sabarmati and lower Mahi and its tributaries over the region.

### Rajasthan

Very heavy rainfall is expected in **Sirohi, Rajsamand, Udaipur** districts hence alert for water level rise may be kept in rivers West Banas, Banas and Upper Sabarmati.

## Telangana

Very heavy rainfall is expected in **Komaram Bheem, Mancherial, Nirmal, Nizamabad, Adilabad, Jagityal, Rajanna Sirsilla, Karimnagar, Peddapally, Kamareddy** districts hence alert for water level rise may be kept in Godavari and its tributaries in the said region.

## Odisha

Under the effect of Low Pressure Area very heavy rains are expected in **Kalahandi, Nawrangapur, Bolangir, Nuaparha** districts. Hence alert for water level rise may be kept in rivers Indravati, Mahanadi and other small rivers in the region.

## Uttarakhand

Very heavy rainfall is expected **Uttarkashi, Dehradun, Tehri Garhwal, Pauri Garhwal, Nainital** districts, hence alert for water level rise may be kept in rivers Bhagirathi, Alaknanda, rivers of upper Yamuna and Ganga, Kosi, Ramganga and other small rivers over the region.

## Madhya Pradesh

Very heavy rainfall is expected **Ratlam, Agar-Malwa, Ujjain, Indore, Dewas, Sehore, Brawani, Khargone, Khandwa, Harda, Betul, Chhindwara** and **Hoshangabad** districts. Alert for water level rise may be kept in rivers Mahi, Chambal, Narmada, Tapi and the tributaries of said rivers over the region.

## New Delhi

River Yamuna in Ganga basin at Delhi Railway Bridge in NORTH district of Delhi continues to flow in SEVERE SITUATION at 18:00 hrs today. At 18:00 hrs, it was lowing at a level of 205.34 m with Rising (39.99 mm/hr) trend. As per the forecast the water level at Delhi railway bridge are expected to cross danger level at reach a level of 205.45 at 2300 hrs of 21.07.2023.

## Uttar Pradesh

Due to downward propagation of floods in Yamuna water level is expected to rise in lower riparian region. As per CWC network flood situation exists in Ganga river in districts **Hapur, Budan, Farrukhabad, Fathepur**, 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
Kachlabridge	Ganga	Budaun	Extreme	Falling
Baleni	Hindon	Baghpat	Extreme	Rising
Pragyaghat	Yamuna	Mathura	Severe	Steady
Fatehgarh	Ganga	Farrukhabad	Severe	Rising
Kannauj	Ganga	Kannauj	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	Falling
Dhubri	Brahmaputra	Dhubri	Severe	Steady
Jia Bharali	Jia Bharali	Sonitpur	Above Normal	Rising



## Karnataka

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

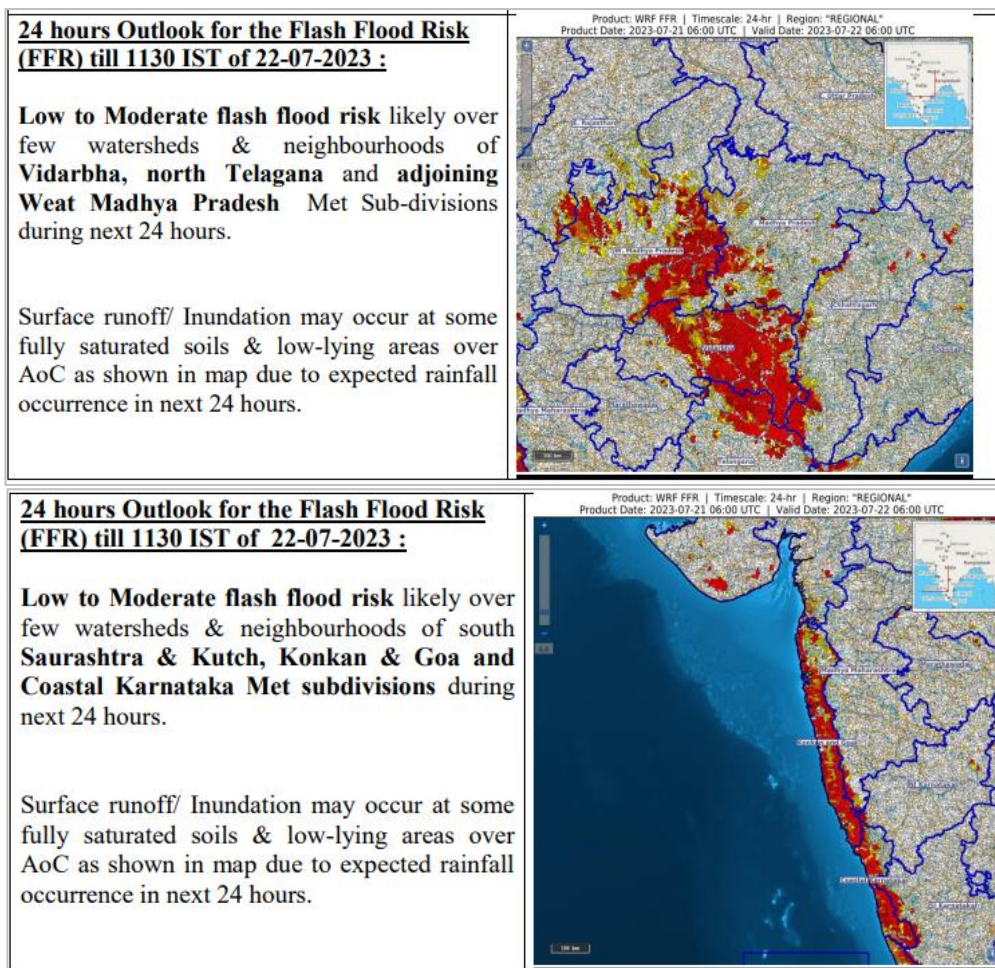
CWC Site	River	District	Flood Type	Trend in Water Level
Santegulli	Aghanashini	Uttara Kannada	Above Normal	Falling

## Andhra Pradesh

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

CWC Site	River	District	Flood Type	Trend in Water Level
Kunavaram	Godavari	Alluri Sitharama	Severe	Rising

## 2.3 Flash Flood Guidance



### 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	22-07-2023	23-07-2023	24-07-2023	25-07-2023	26-07-2023
1	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	E	S	E	E	E
2	KUNAVARAM	GODAVARI	ALLURI SITHARAMA RAJU	Andhra Pradesh	S	S	S	S	AN
3	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	S
4	ETAWAH	YAMUNA	Etawah	Uttar Pradesh	AN	AN	AN	S	S
5	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	S	S	S	S	S
6	HARIDWAR (DUDHIA BAND)	GANGA	Haridwar	Uttarakhand	AN	S	AN	N	N
7	JHAWA	MAHANANDA	Katihar	Bihar	AN	AN	AN	AN	S
8	MATHURA (PRAYAG GHAT)	YAMUNA	Mathura	Uttar Pradesh	S	S	S	S	S
9	RISHIKESH	GANGA	Dehradun	Uttarakhand	AN	S	AN	N	N
10	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	AN	AN	S	S
11	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	S	AN	AN	AN	AN
12	DHARAMTUL	KOPILI	MARIGAON	Assam	N	AN	S	S	S
13	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	AN	AN	AN	S
14	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	AN	AN	S	S
15	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	AN	AN	AN	S	S
16	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	S
17	MANDLA	NARMADA	MANDLA	Madhya Pradesh	N	N	AN	S	S
18	ARARIA	PARMAN	ARARIA	Bihar	AN	S	S	S	S
19	BHADRACHALAM	GODAVARI	BHADRADRI	Telangana	AN	AN	AN	AN	AN
20	DUMMAGUDEM	GODAVARI	BHADRADRI	Telangana	N	AN	AN	AN	N
21	DOWLAISWARAM (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	Andhra Pradesh	AN	AN	AN	AN	AN
22	AGRA (J.B.)	YAMUNA	Agra	Uttar Pradesh	N	N	N	N	AN
23	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN
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	N	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	GARHMUKTESHWAR	GANGA	Hapur	Uttar Pradesh	AN	AN	AN	AN	AN
31	KANNAUJ	GANGA	Kannauj	Uttar Pradesh	AN	AN	N	N	AN
32	SRINAGAR	ALAKNANDA	PAURI GARHWAL	Uttarakhand	AN	AN	N	N	N
33	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	N
34	DHENG BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	N	N	AN
35	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	N	N	N	N	AN
36	MORADABAD	RAMGANGA	Moradabad	Uttar Pradesh	AN	AN	AN	AN	AN
37	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	N	N	N	AN	AN
38	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN
39	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN
40	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	AN	AN
41	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN
42	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	N	N	N	AN	AN
43	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	AN	AN	AN	AN	AN
44	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	N	N	N	N	AN
45	ANNAPURNA GHAT	BARAK	CACHAR	Assam	N	N	N	N	AN
46	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	N	N	N	N	AN
47	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	N	N	N	N	AN
48	MUTHENKERA	KABINI	Wyanad	Kerala	N	N	N	N	AN
49	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	N	N	AN	AN	AN
50	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 21<sup>st</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
---------------------	---	--------	-------	-------	-------	-------	--------	------

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	Mancherial/JaishankarBhupalpally					
3	Singur Dam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
4	Laxmi Barrage	Godavari/LowerGodavari/Godavari Basin	Tel						
5	Sriramsagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherial(Telangana)					
6	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Telangana)					
7	Pulichinthala	Krishna/Lower Krishna/Krishna	AP	Nalgonda/Guntoor , Krishna (A P)					
8	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
9	Prakasam Barrage	Krishna/Lower Krishna/Krishna	AP	Eluru / Guntoor/ West Godavari					
10	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulum					
11	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)Bidar					
12	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
13	Dantiwada Dam	Banas/Western Flowing River (Kutch & Saurashtra)	Guj	Banaskantha					
14	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
15	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
16	Sardar Sarovar Dam	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Nrmada( Guj), Nadurbar( MP)/Narmada, Vadodra, Bharuch (Guj)					
17	kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
18	Mula Dam	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
19	Jaikwadi Dam	Godavari/Upper Godavari/Godavari	Mah	Aurangabad, Ahmadnagar/Bid, Jalna					
20	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
21	Kota Barrage	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
22	Bisalpur Dam	Banas/Upper Chambal/Ganga	Raj	Bhilwara/Tonk					
23	Gudha Dam	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					



24	Som Kamla Amba Dam	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
25	Panchana Dam	Gambhiri/Upper Chambal/Ganga	Raj	Karauli/Sawaimadhopur/Bharatpur					
26	Gandhisagar Dam	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					

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

