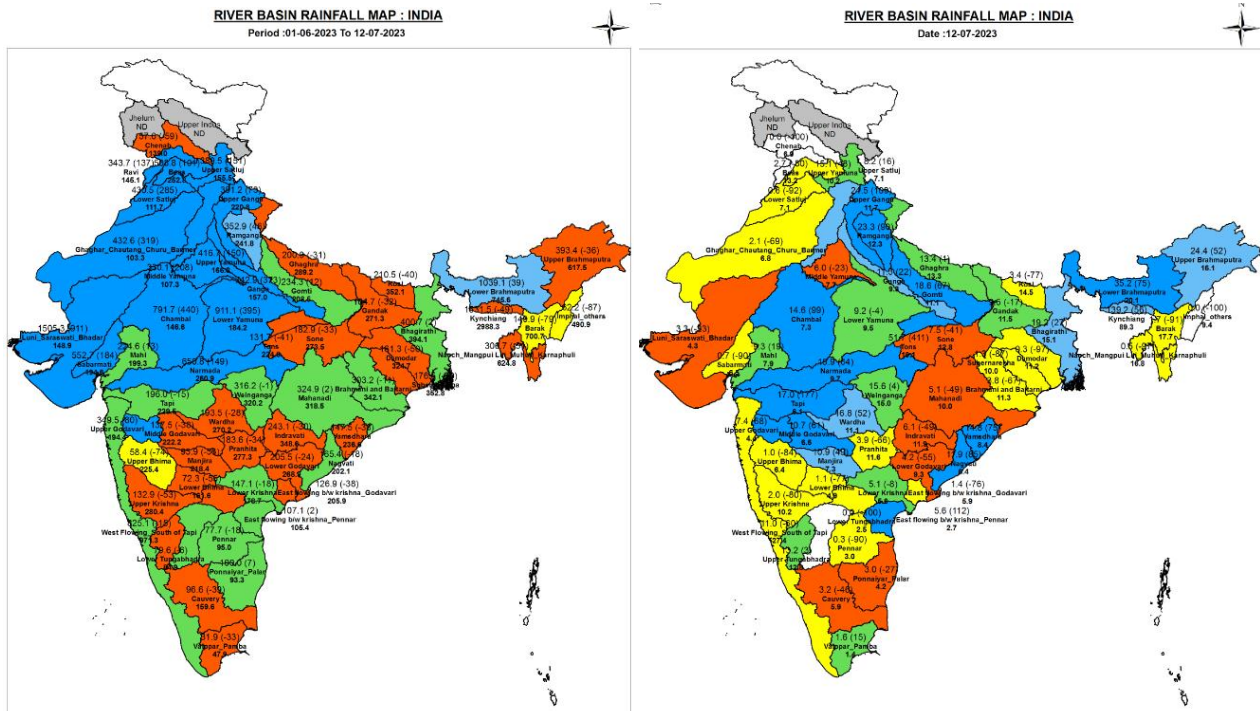




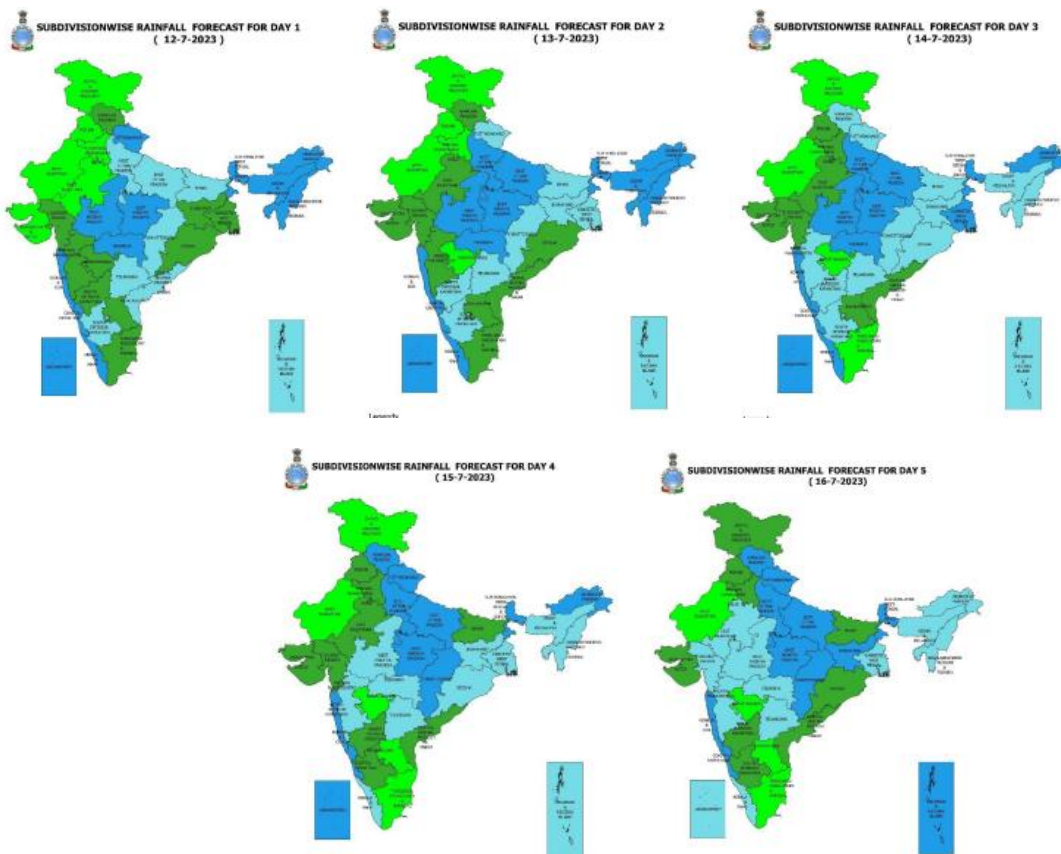
Central Water Commission  
Daily Flood Situation Report cum Advisories  
12-07-2023

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 12<sup>th</sup> July 2023 (Midday) by IMD



Legends

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

## 2.0 Flood Situation and Advisories

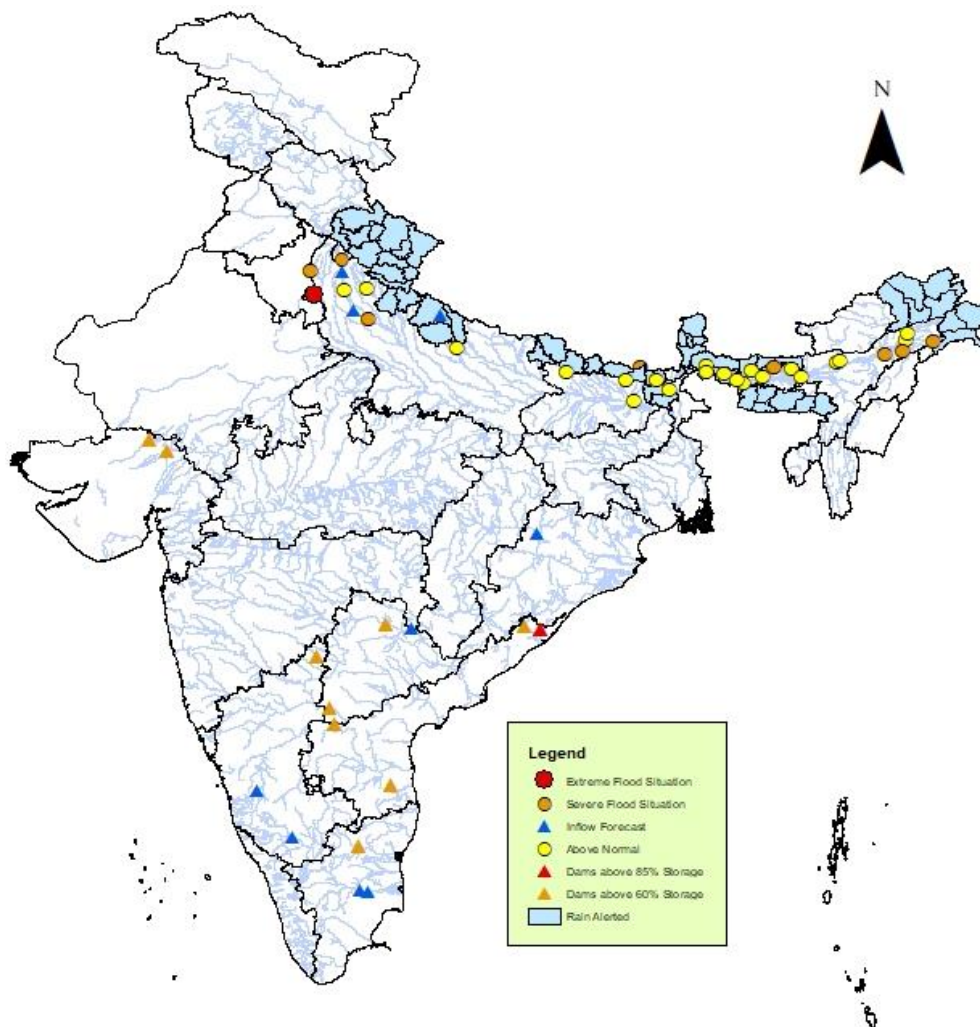
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 12<sup>th</sup> July 2023, 1 station in Delhi is flowing in Extreme Flood Situation, 5 stations (3 in Assam & 2 in Uttar Pradesh) are flowing in Severe Flood Situation, 21 stations (10 in Assam, 5 in Bihar, 3 each in Uttar Pradesh & West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 9 Dams and Barrages (3 in Uttar Pradesh, 2 each in TamilNadu & Karnataka and 1 in 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)	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(3), Uttar Pradesh(2)	5
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(10), Bihar(5), Uttar Pradesh(3), West Bengal(3)	21
Total number of sites above Warning Level ( A+B+C)			27
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), Odisha(1), Tamil Nadu(2), Telangana(1), Uttar Pradesh(3)	9

Details are given at link:- [https://cwc.gov.in/sites/default/files/cfrcwcdfb12.07.2023\\_23.pdf](https://cwc.gov.in/sites/default/files/cfrcwcdfb12.07.2023_23.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

### Uttarakhand

IMD has predicted very heavy rains in **Pauri Garhwal, Nainital, Champawat and Udham Singh Nagar districts** for next two days. Keep watch for water level rise in rivers such as Gola, Ramganga, Kosi, Fica, Sarda, Sarju, Deoha and other tributaries of rivers in upper Ganga. Since the rainfall has decreased over the region water level is expected to have steady to decreasing condition in coming hours. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Raysi	Solani	Haridwar	Extreme	Rising
Dosni	Solani	Haridwar	Above Normal	Rising
Betalghat	Kosi	Nainital	Above Normal	Steady
Kanjyoti	Dhuilganga	Pithogarh	Above Normal	Steady

### New Delhi

River Yamuna in Ganga basin at Delhi Railway Bridge in NORTH district of Delhi continues to flow in Extreme flood situation at 18:00 hrs today. At 18:00 hrs, it was flowing at a level of 207.81 m with Rising (39.99 mm/hr) trend which is 2.48 m above its Danger Level of 205.33 m and 0.32 m above its previous HFL of 207.49 m (06-09-1978).

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

### Uttar Pradesh

IMD has predicted very heavy rains for next two days in districts **Bareilly, Pilhibhit, Shahjahanpur, Kheri, Bahraich, Shrawasti, Sitapur**. Alert for water level rise may be kept in rivers Ramganga, Sai, Gaghra, Gomti, Mahakali 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
Mawi	Yamuna	Shamli	Severe	Rising
Kachlabridge	Ganga	Budaun	Severe	Rising
Moradabad	Ramganga	Moradabad	Above Normal	Rising
Garhmukteshwar	Ganga	Hapur	Above Normal	Rising

### Bihar

Due to heavy rains predicted in Nepal and in districts such as **West and East Champaran, Sheohar, Sitamarhi, Madhubani, Supaul, Sahara, Madhapura, Araria, Purnea, Kathihar and Kishanganj**, keep alert for water level rise in north tributaries of river Ganga such as Bagmati, Adhwara, Kamlabalan, Kosi, Mahananda 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
Birpur	Kosi	supaul	Severe	Steady
Dhengraghat	Mahananda	Purnia	Above Normal	Rising

## 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:

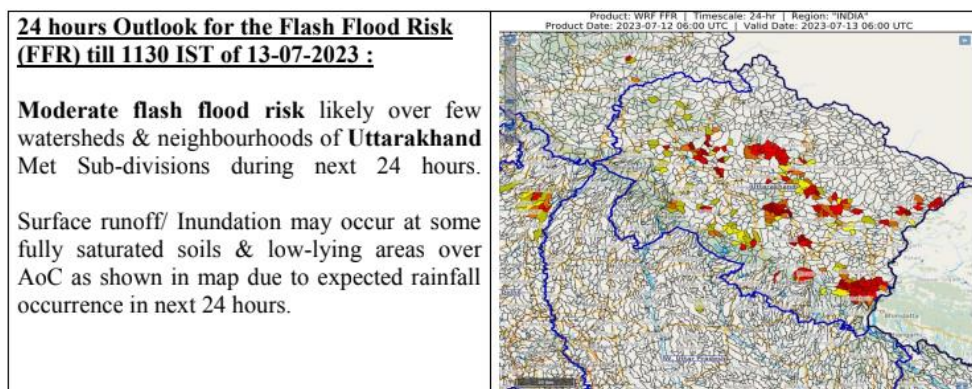
CWC Site	River	District	Flood Type	Trend in Water Level
Ghugumari	Torsa	Koochbihar	Above Normal	Rising
NH-31	Jaldhaka	Jalpaiguri	Above Normal	Rising

## Assam

IMD has predicted very heavy rainfall over Sikkim and districts such as **Kokrajhar, Chirang, Baksa, Barpeta, Bongaigaon**, for next 2 days, 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
Nanglamoraghat	Desang	Sivsagar	Severe	Steady
Beki Road Bridge	Beki	Barpeta	Severe	Rising
Neamatighat	Brahmaputra	Jorhat	Severe	Rising
Margherita	Buridehing	Tinsukia	Severe	Falling
Khowang	Buridehing	Dibrugarh	Above Normal	Rising
Dhubri	Brahmaputra	Dhubri	Above Normal	Rising
Goalpara	Brahmaputra	Goalpara	Above Normal	Rising
Dibrugarh	Brahmaputra	Dibrugarh	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

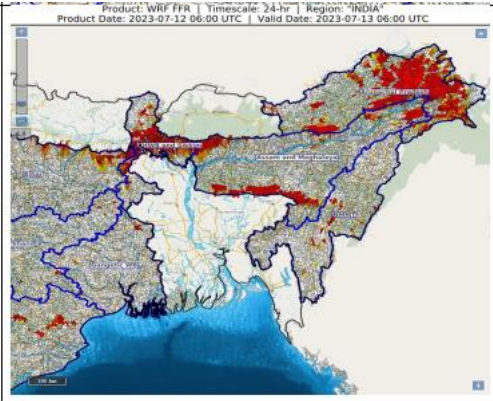




**24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 13-07-2023 :**

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

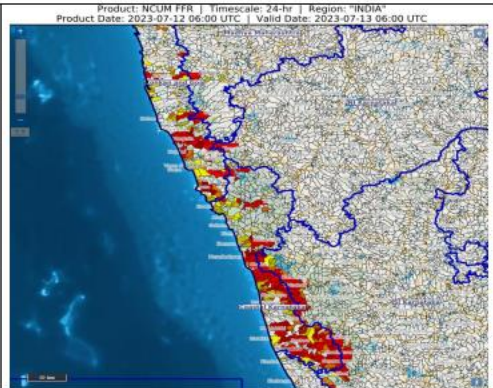
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



**24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 13-07-2023 :**

**Moderate flash flood risk** likely over few watersheds & neighbourhoods of **Coastal Karnataka** and **S Konkan & Goa** 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	13-07-2023	14-07-2023	15-07-2023	16-07-2023	17-07-2023
1	DELHI RAILWAY BRIDGE	YAMUNA	North	NCT of Delhi	E	S	S	S	S
2	KACHHLA BRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	S	S	S
3	KARNAL	YAMUNA	Karnal	Haryana	AN	AN	AN	AN	AN
4	MAWI	YAMUNA	SHAMLI	Uttar Pradesh	S	S	S	S	S
5	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	S	S	S	S	S
6	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	S	S	S	S	S
7	YINKIANG	SIANG	UPPER SIANG	Arunachal Pradesh	N	N	N	N	N
8	GHUGUMARI	TORSA	KOCHBIHAR	West Bengal	AN	S	S	S	S
9	JALDHAKA NH-31	JALDHAKA	JALPAIGURI	West Bengal	AN	AN	AN	AN	AN
10	DABRI	RAMGANGA	Shahjahanpur	Uttar Pradesh	N	AN	AN	AN	S
11	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	AN	S	S	S	S
12	ELGIN BRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	N	AN	AN	S
13	GARHMUKTESHWAR	GANGA	Hapur	Uttar Pradesh	AN	AN	AN	S	S
14	HARIDWAR (DUDHIA BAND)	GANGA	Haridwar	Uttarakhand	AN	AN	AN	AN	S
15	JHAWA	MAHANANDA	Katihar	Bihar	N	S	S	S	S
16	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	N	AN	S	S	S
17	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	S	S	S
18	MORADABAD	RAMGANGA	Moradabad	Uttar Pradesh	AN	AN	AN	S	S
19	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	S	S	S	S
20	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	S	S	S	S	S
21	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	AN	S	S	S	S
22	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	S	S	S	S	S
23	GUWAHATI (D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	AN	S
24	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	S	S	S	S	S
25	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	S	S	S	S	S
26	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	AN	AN	S
27	KOKRAJHAR	GAURANG	KOKRAJHAR	Assam	S	S	S	AN	AN
28	MANDLA	NARMADA	MANDLA	Madhya Pradesh	N	N	AN	S	S
29	ARARIA	PARMAN	ARARIA	Bihar	AN	S	S	S	S
30	DOMOHANI	TEESTA	JALPAIGURI	West Bengal	AN	S	S	S	S
31	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	S	S	S	S

32	HASIMARA	TORSA	ALIPURDUAR	West Bengal	N	AN	S	AN	AN
33	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	S	S	S	S
34	MATHABHANGA	JALDHAKA	KOCHBIHAR	West Bengal	N	S	S	S	AN
35	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	N	N	N	N	AN
36	BALRAMPUR	RAPTI	Balrampur	Uttar Pradesh	N	N	N	AN	AN
37	BALTARA	KOSI	Khagaria	Bihar	AN	AN	AN	AN	AN
38	BASUA	KOSI	Supaul	Bihar	AN	AN	AN	AN	AN
39	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	N	N	N	N	AN
40	PAONTA	YAMUNA	Sirmaur	Himachal Pradesh	N	N	N	N	AN
41	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	N	N	N	N	AN
42	RISHIKESH	GANGA	Dehradun	Uttarakhand	N	AN	AN	AN	AN
43	SRINAGAR	ALAKNANDA	PAURI GARHWAL	Uttarakhand	N	N	AN	AN	AN
44	TAIBPUR	MAHANANDA	KISHANGANJ	Bihar	AN	AN	AN	AN	AN
45	KAKARDHARI	RAPTI	BAHRAICH	Uttar Pradesh	N	N	AN	AN	AN
46	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN
47	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	N	N	AN	AN	AN
48	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	N	AN	AN	AN	AN
49	NAMSAI	NAO DEHING	LOHIT	Arunachal Pradesh	N	AN	AN	AN	AN
50	PASSIGHAT	SIANG	EAST SIANG	Arunachal Pradesh	AN	AN	AN	N	N
51	PAGLADIYA N T ROAD CROSSING	PAGLADIYA	NALBARI	Assam	N	AN	AN	AN	AN
52	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	N	AN	AN	AN	AN
53	TUFANGANJ	RAIDAK-I	KOCHBIHAR	West Bengal	N	AN	AN	N	N

**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 12<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	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					

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.