



# Central Water Commission

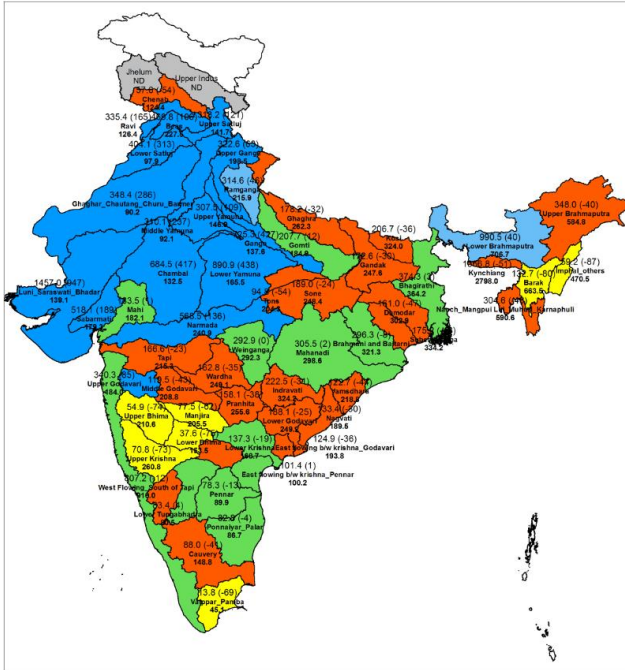
## Daily Flood Situation Report cum Advisories

10-07-2023

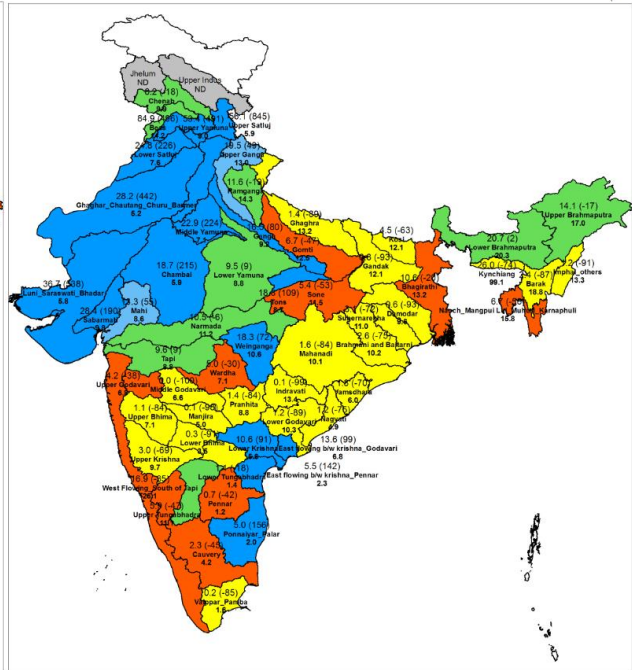
### 1.0 Rainfall Situation

#### 1.1 Basin wise departure from normal of cumulative and daily rainfall

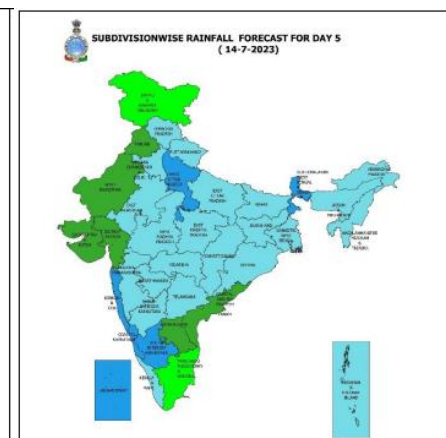
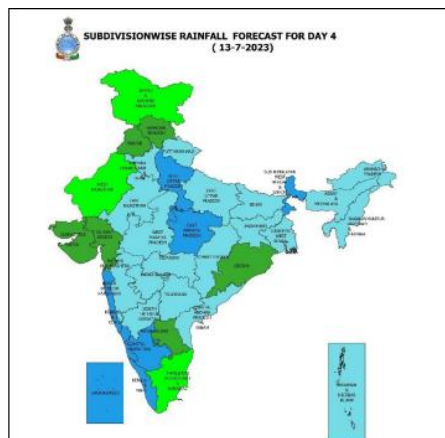
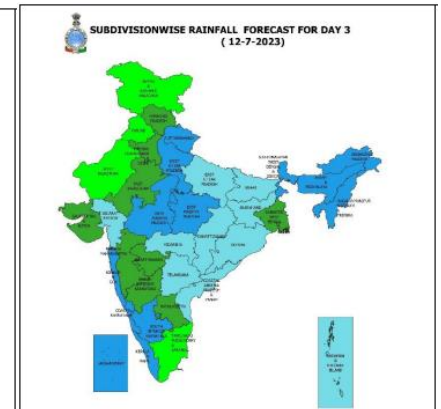
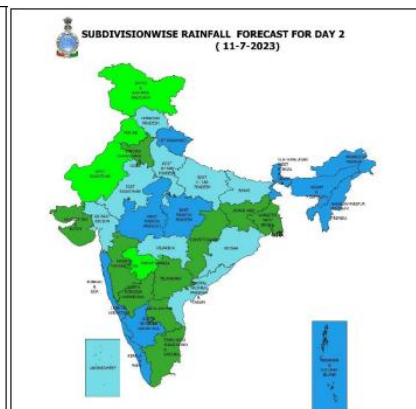
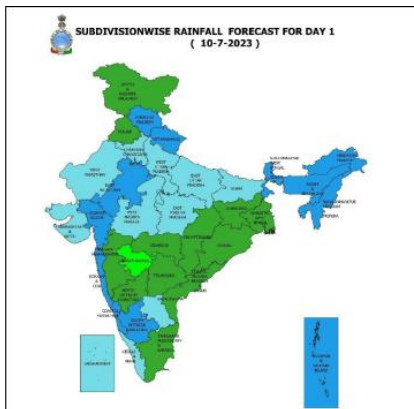
**RIVER BASIN RAINFALL MAP : INDIA**  
Period :01-06-2023 To 10-07-2023



**RIVER BASIN RAINFALL MAP : INDIA**  
Date :10-07-2023



#### 1.2 Rainfall forecast for next 5 days issued on 10<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

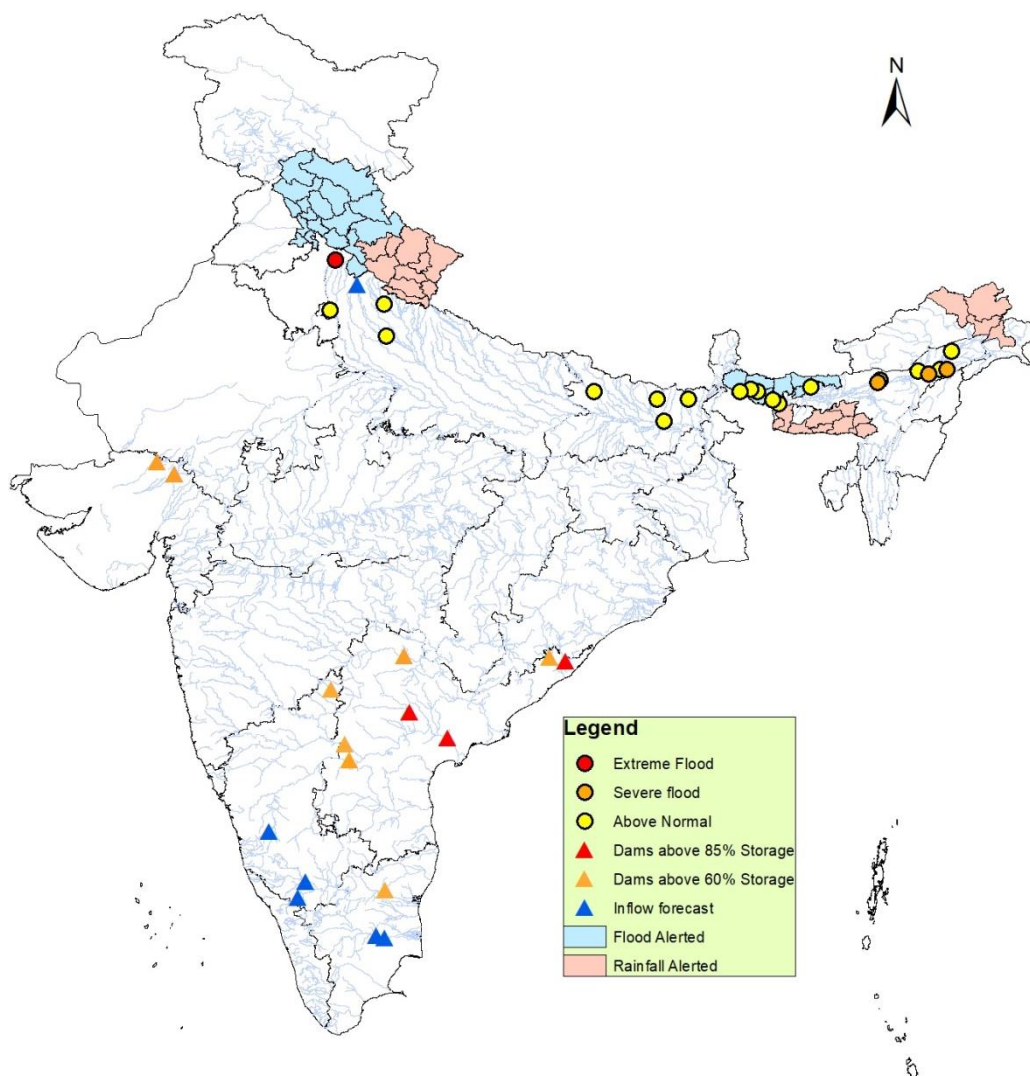
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 10<sup>th</sup> July 2023, 3 stations in Assam are flowing in Severe Flood Situation, 17 stations (7 in Assam, 4 in Bihar, 3 in West Bengal & 2 in Uttar Pradesh & 1 in Delhi) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 7 Dams and Barrages in (3 in Karnataka & 2 in Tamil Nadu & 1 each in Gujarat & Uttar Pradesh)

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)		0	
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	Assam(3)	3	
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(2), West Bengal(3)	17	
Total number of sites above Warning Level (A+B+C)			20	
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)		Gujarat(1), Karnataka(3), Tamil Nadu(2), Uttar Pradesh(1)	7	

Details are given at link:- [https://cwc.gov.in/sites/default/files/cfrcwcdfb10.07.2023\\_5.pdf](https://cwc.gov.in/sites/default/files/cfrcwcdfb10.07.2023_5.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

### Himachal Pradesh

IMD has predicted very heavy to extremely heavy rains in **almost all districts** hence alert for water level rise may be kept in rivers such as Ravi, Beas, Sutlej, Yamuna and its tributaries in above said districts for next 2 days. Localized Landslides/Mudslides are expected.

### Uttarakhand

IMD has predicted very heavy rains in **almost all districts of Uttarakhand** for next two days. Keep watch for water level rise in rivers such as Gola, Ramganga, Pindar, Goriganga, Kalinadi, Bhagirathi, Alaknanda and other tributaries of rivers in upper Ganga. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Raysi	Solani	Haridwar	Severe	Steady
Dosni	Solani	Haridwar	Above Normal	Rising

### Punjab

IMD has predicted very heavy rains in the districts **Sas Nagar, Fatehgarh Sahib, Rupnagar, Patiala**, hence alert for water level rise may be kept in rivers such as Sutlej and its tributaries for next 2 days.

### New Delhi

IMD has predicted very heavy in New Delhi, hence alert may be kept for localized flooding of roads, water logging in low lying areas. Current flood situation as per CWC network is given below:

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

### Rajasthan

Under the influence of low pressure area, heavy rains are expected in districts such as **Pali, Jalore and Sirohi** for next 2 days, hence runoff is expected in river basins of Luni and West Banas. Alert for water level rise may be kept in West Banas river.

### Gujarat

IMD has predicted very heavy rains for next two days in districts such as **Banaskantha, Mahesana, Sabarkantha, Aravalli and Mahisagar districts** hence **keep** alert for water level rise in rivers such as Rel, Banas, Sabarmati and Mahi and other small rivers in the region.

### Uttar Pradesh

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

CWC Site	River	District	Flood Type	Trend in Water Level
Shardanagar	Sarda	Kheri	Above Normal	Rising
Kachlabridge	Ganga	Budaon	Above Normal	Rising
Moradabad	Ramganga	Moradabad	Above Normal	Rising



## Sub Himalayan West Bengal

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

## 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:

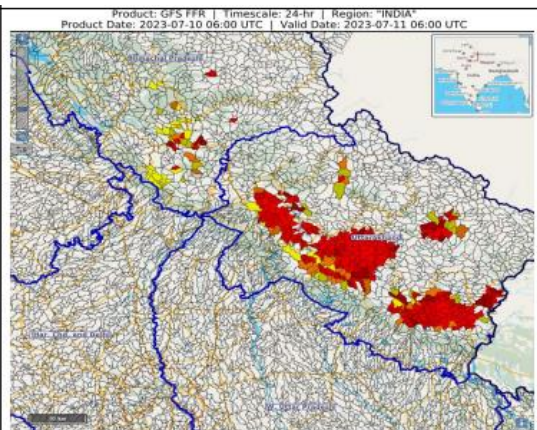
CWC Site	River	District	Flood Type	Trend in Water Level
Nanglamoraghat	Desang	Sivsagar	Severe	Rising
Tezpur	Brahmaputra	Sonitpur	Severe	Steady
Neamatighat	Brahmaputra	Jorhat	Severe	Falling
Golokganj	Sankosh	Dhubri	Above Normal	Rising

## 2.3 Flash Flood Guidance

### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 11-07-2023 :**

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

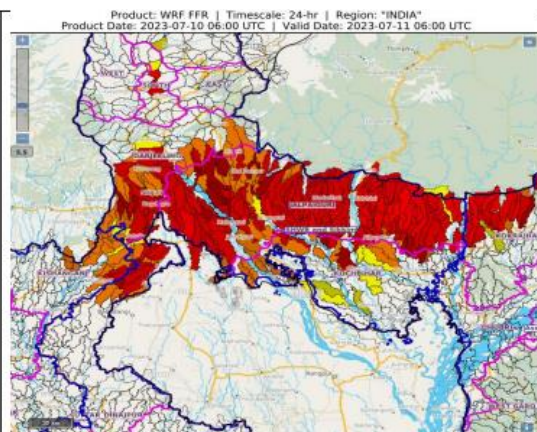
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 11-07-2023 :**

**Moderate flash flood risk** likely over few watersheds & neighbourhoods of **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	11-07-2023	12-07-2023	13-07-2023	14-07-2023	15-07-2023
1	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	S	S	S	S	S
2	MANDLA	NARMADA	MANDLA	Madhya Pradesh	N	N	S	S	S
3	ARARIA	PARMAN	ARARIA	Bihar	AN	S	S	S	S
4	RAMMUNSHIBAGH (NEAR SRINAGAR)	JHELUM	SRINAGAR	Jammu & Kashmir	S	S	S	S	S
5	SAFAPORA	JHELUM	BARAMULA	Jammu & Kashmir	S	S	S	S	S
6	DELHI RAILWAY BRIDGE	YAMUNA	North	NCT of Delhi	N	S	AN	AN	S
7	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	AN	S	S	S	S
8	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	N	N	N	AN	S
9	JHAWA	MAHANANDA	Katihar	Bihar	N	AN	S	S	S
10	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	AN	AN	S	S	S
11	KARNAL	YAMUNA	Karnal	Haryana	S	S	AN	S	S
12	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	N	AN	AN	S	S
13	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	S	S	S
14	TAIBPUR	MAHANANDA	KISHANGANJ	Bihar	N	AN	AN	S	AN
15	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	S	S	S	S	S
16	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	S	S	AN
17	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	AN	S	S	S	S
18	DHARAMTUL	KOPILI	MARIGAON	Assam	N	AN	AN	S	S

19	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	S	S	S	S
20	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	S	S	S	S	S
21	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	S	S	S	S	S
22	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	AN	S	S	S
23	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	S	S	S	S	S
24	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	S	S	S	S	S
25	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	AN	S	S	S	S
26	DOMOHANI	TEESTA	JALPAIGURI	West Bengal	AN	AN	S	S	S
27	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	S	S	S	S
28	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	S	S	S
29	GHUGUMARI	TORSA	KOCHBIHAR	West Bengal	N	AN	S	S	S
30	JALDHAKA NH-31	JALDHAKA	JALPAIGURI	West Bengal	AN	AN	S	AN	AN
31	SANGAM	JHELUM	ANANTNAG	Jammu & Kashmir	AN	AN	AN	AN	AN
32	BALTARA	KOSI	Khagaria	Bihar	AN	N	AN	AN	AN
33	BASUA	KOSI	Supaul	Bihar	AN	AN	AN	AN	AN
34	BENIBAD	BAGMATI	Muzaffarpur	Bihar	N	N	N	AN	AN
35	DABRI	RAMGANGA	Shahjahanpur	Uttar Pradesh	N	N	N	N	AN
36	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	N	N	N	N	AN
37	GARHMUKTESHWAR	GANGA	Hapur	Uttar Pradesh	N	AN	AN	AN	AN
38	PAONTA	YAMUNA	Sirmaur	Himachal Pradesh	AN	N	AN	AN	N
39	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	N	N	N	N	AN

40	SRINAGAR	ALAKNANDA	PAURI GARHWAL	Uttarakhand	N	N	AN	N	N
41	MORADABAD	RAMGANGA	Moradabad	Uttar Pradesh	AN	AN	AN	AN	AN
42	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	N	N	AN	AN	AN
43	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	N	AN	AN	AN	AN
44	NAMSAI	NAO DEHING	LOHIT	Arunachal Pradesh	N	N	AN	AN	AN
45	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	AN	AN	AN
46	PUTHIMARI NH RD XING	PUTHIMARI	KAMRUP	Assam	N	N	N	N	AN
47	KOKRAJHAR	GAURANG	KOKRAJHAR	Assam	N	AN	AN	AN	N
48	HASIMARA	TORSA	ALIPURDUAR	West Bengal	N	N	AN	N	N
49	MATHABHANGA	JALDHAKA	KOCHBIHAR	West Bengal	N	N	AN	AN	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.

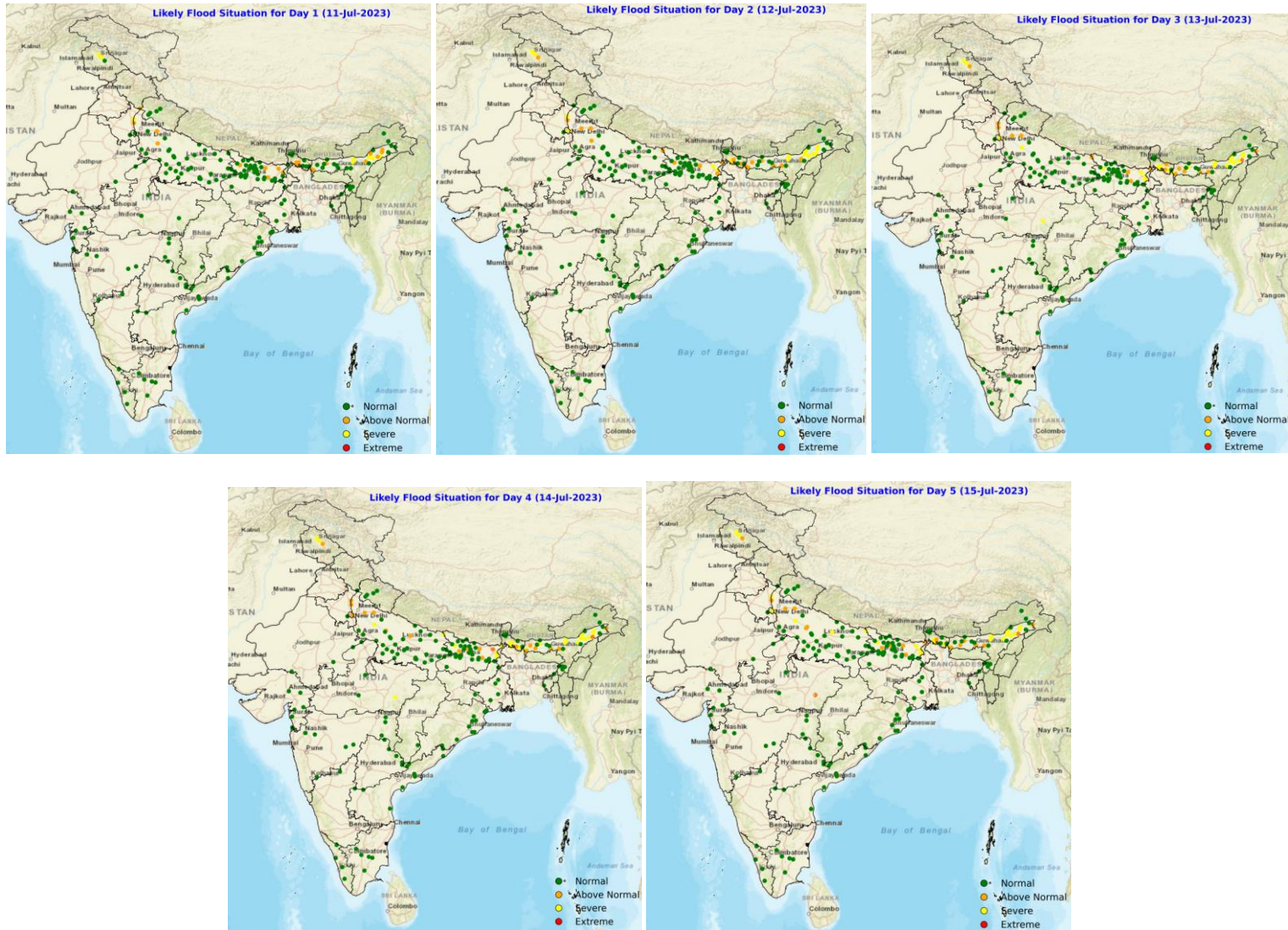
Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled).

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).



## B. Advisory Flood Forecast for next 5-days in Map form





### 3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 10<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					
5	Prakasham Barrage	Krishna/ Lower Krishna /Krishna	AP	krishna					
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					

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.

