



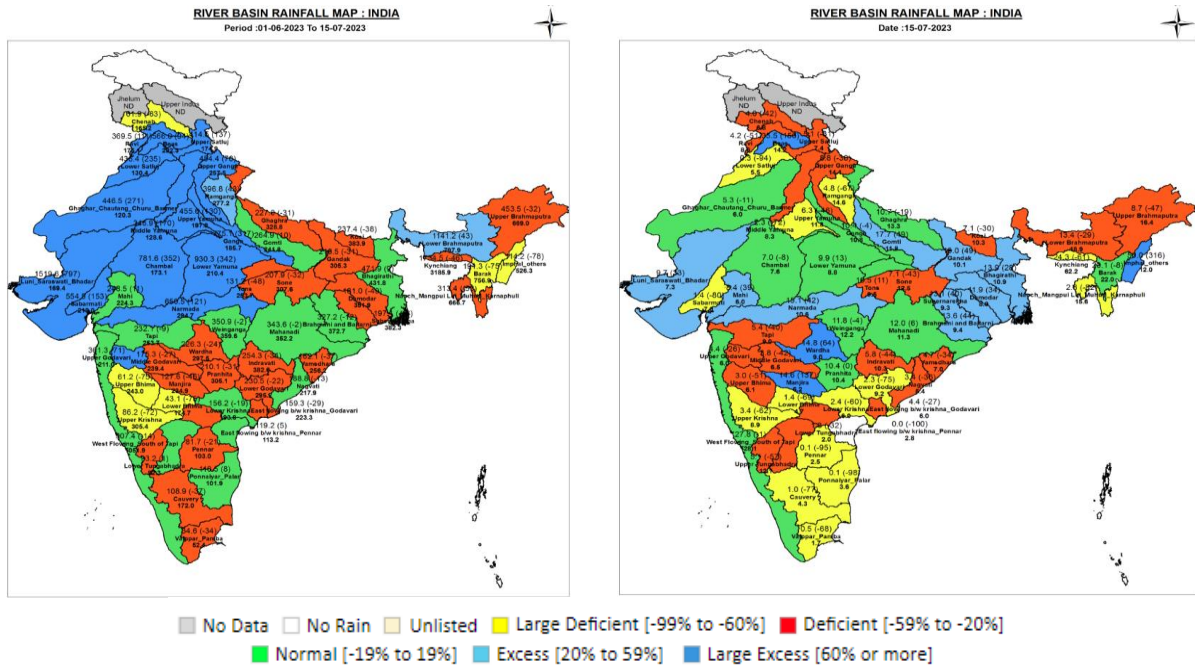
Central Water Commission

Daily Flood Situation Report cum Advisories

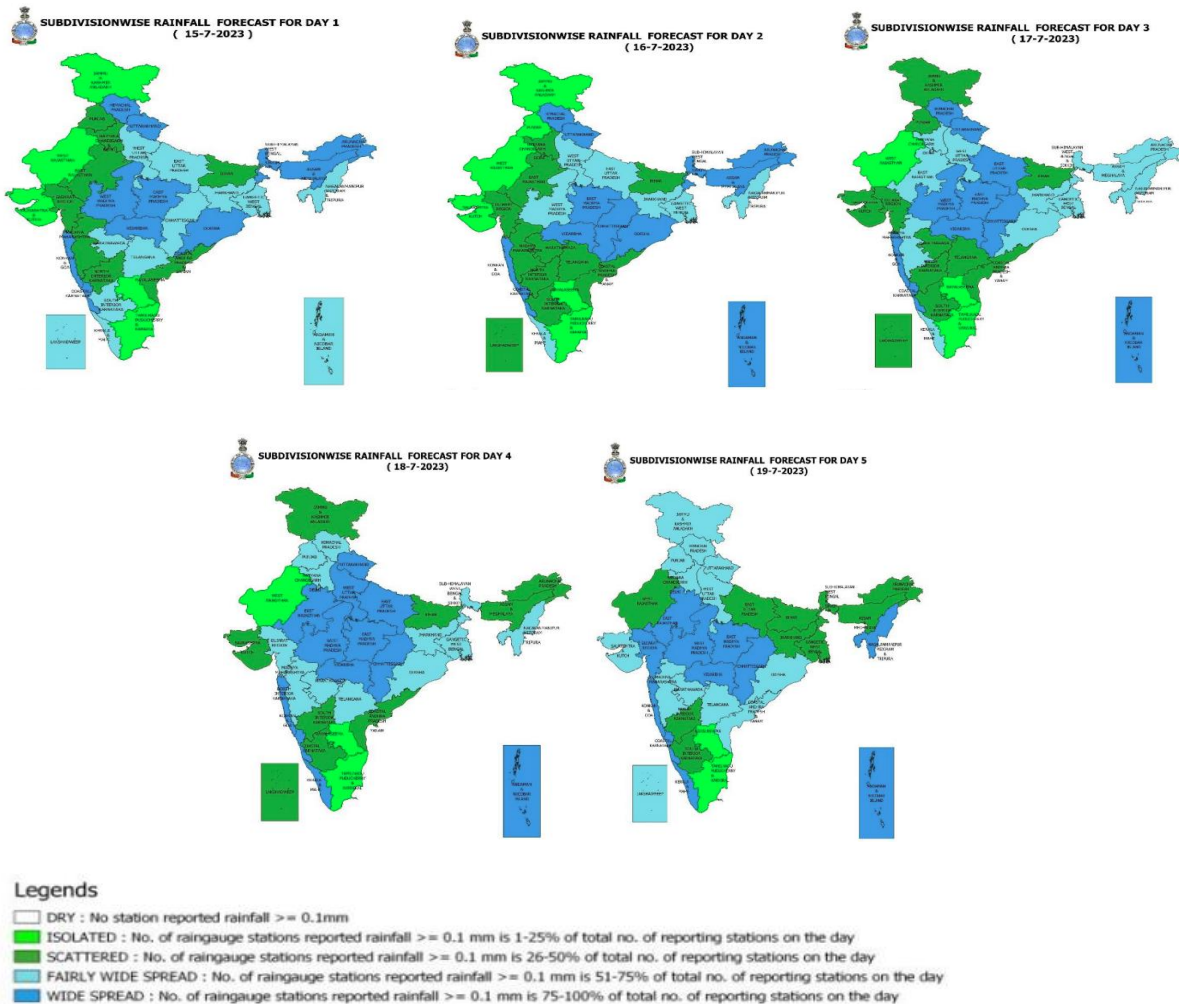
15-07-2023

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 15th July 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

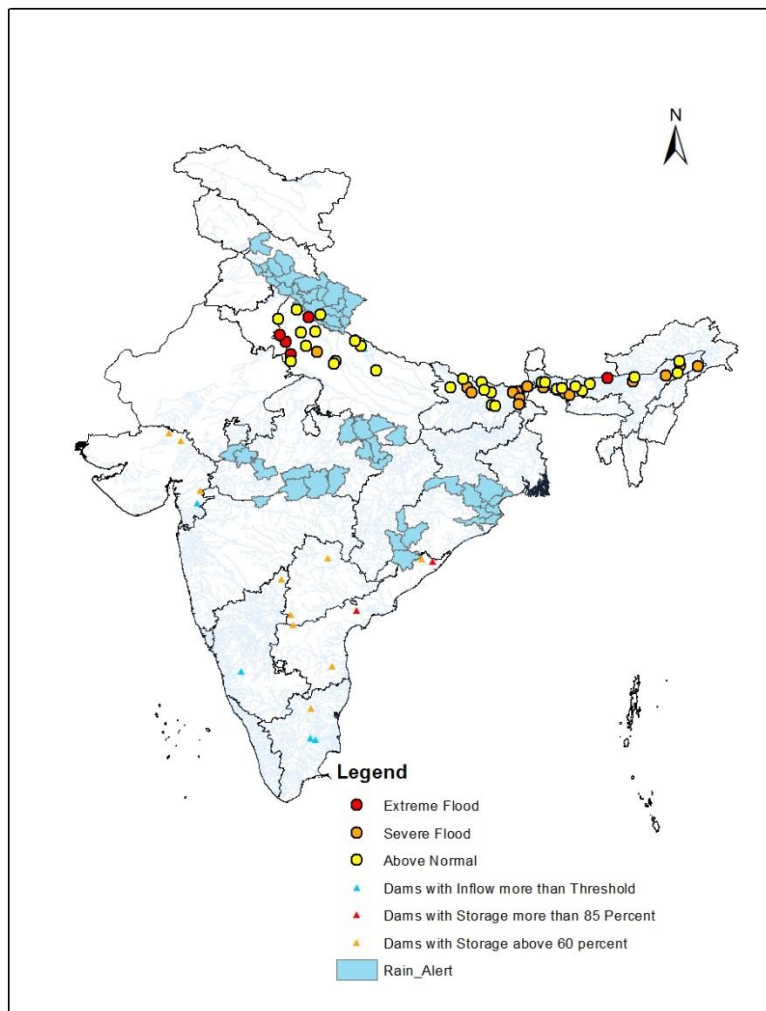
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 15th July 2023, 1 station in Uttar Pradesh is flowing in Extreme Flood Situation, 11 stations (4 in Assam, 5 in Bihar, 1 each in Delhi & Uttar Pradesh) are flowing in Severe Flood Situation, 23 stations (8 in Assam, 6 each in Bihar & Uttar Pradesh & 3 in West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 7 Dams and Barrages (1 each in Gujarat & Karnataka, 2 in Tamil Nadu & 3 in 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)	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(4), Bihar(5), Delhi(1), Uttar Pradesh(1)	11	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(8), Bihar(6), Uttar Pradesh(6), West Bengal(3)	23	
Total number of sites above Warning Level (A+B+C)			35	
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(1), Tamil Nadu(2), Uttar Pradesh(3)	7	

Details are given at link:- https://cwc.gov.in/sites/default/files/cfcrcwcdfb15.07.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Uttarakhand

IMD has predicted very heavy rains in **all districts** for next two days and extremely heavy rainfall in Pauri Garhwal, Tehri Garhwal, Haridwar and Dehradun. Keep watch for water level rise in rivers such as Upper Yamuna, Gola, Ramganga, Kosi, Fica, Sarda, Sarju, Deoha and other tributaries of rivers in upper Ganga. It is informed that upper Yamuna basin is already saturated due to extremely heavy rainfall of immediate past so any further very heavy rains can lead to a flood like situation in Uttarakhand as well as lower riparian states.

Runoff happened due to past days extremely heavy rainfall over the region has resulted in extreme flood situation in Solani river in Haridwar. Water levels at most of the CWC sites are in steady to falling state. Current flood situation as per CWC network is given below:

CWC Site	Trib./River	District	Flood Type	Trend in Water Level
Raysi	Solani/ Ganga	Haridwar	Extreme	Falling

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 falling state and the level is expected decrease further to 206.72 m by 22:00 hrs of 15.07.2023.

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

Uttar Pradesh

Due to downward propagation of floods in Yamuna water level is expected to rise in lower riparian regions. Due to heavy rainfall happened in immediate past in Uttarakhand and propagation of flood wave downstream flood situation exist Ganga river in district **Hapur, Budaun, Farrukhabad**, in Ramganaga in districts **Moradabad, Shahjahanpur** and in Sarda in district **Kheri** and Ghaghra in district **Barabanki**. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Ratanpuri	Kali	Muzaffarnagar	Extreme	Steady
Shergarh	Yamuna	Mathura	Extreme	Rising
Kachlabridge	Ganga	Budaun	Extreme	Steady
Pragyaghat	Yamuna	Mathura	Severe	Rising
Khadda	Gandak	Kushinagar	Above Normal	Rising
Elginbridge	Ghagra	Barabanki	Above Normal	Rising

Bihar

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Chargharia	Mahananda	Kishanganj	Severe	Steady
Araria	Parman	Araria	Severe	Rising
Benibad	Bagmati	Muzaffarpur	Severe	Falling
Dhengraghat	Mahananda	Purnia	Severe	Rising

Jhawa	Mahananda	Katihar	Severe	Rising
Runisaidpur	Bagmati	Muzaffarpur	Severe	Steady
Birpur	Kosi	Supaul	Severe	Falling
Baltara	Kosi	Khagaria	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	Steady
Tezpur	Brahmaputra	Sonitpur	Severe	Steady
Chenimari (Khowang)	Buridehing	Dibrugarh	Severe	Falling
Neamatighat	Brahmaputra	Jorhat	Severe	Falling
Guwahati	Brahmaputra	Kamrup	Above Normal	Rising
Sivasagar	Dikhow	Sivasagar	Above Normal	Rising

Odisha

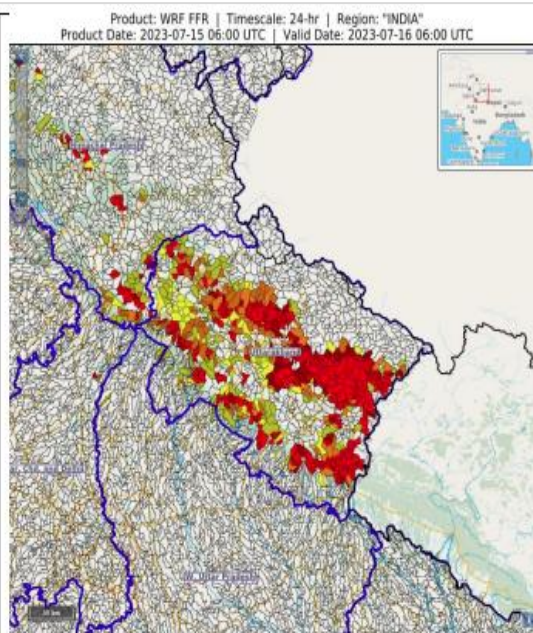
Due to existence of upper cyclonic circulation over Odisha northern Odisha districts such as **Sundargarh, Kendujhar, Mayurbhanj, Baleshwar, Jajpur, Bhadrak, Kendrapara, Cuttack, Jagatsinghpur, Sundargarh, Baragarh, Nuaparha, Kalahandi, Nabaranghpur and Koraput** are expected to receive very heavy rains. Hence alert for water level rise may be kept in rivers such as Burhabalanga, Brahmani & Baitarni, Mahanadi and other small rivers in the region.

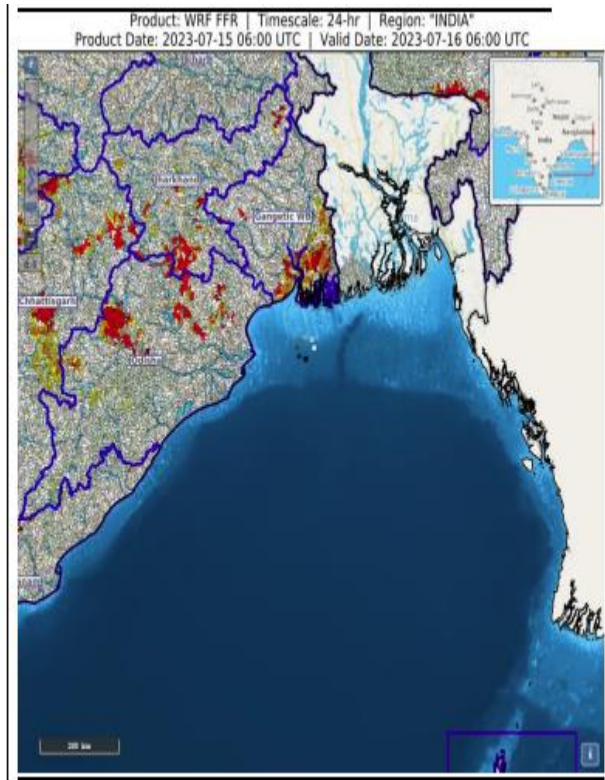
2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 16-07-2023 :

Light to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Uttarakhand** and **Odisha** 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	16-07-2023	17-07-2023	18-07-2023	19-07-2023	20-07-2023
1	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	E	S	S	S	S
2	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	ASSam	S	S	S	S	S
3	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	ASSam	AN	S	S	S	S
4	BENIBAD	BAGMATI	Muzaffarpur	Bihar	S	S	S	S	S
5	DELHI RAILWAY BRIDGE	YAMUNA	North	NCT of Delhi	S	S	S	S	S
6	DHENGGRAGHAT	MAHANANDA	Purnia	Bihar	S	S	AN	AN	N
7	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	AN	S	S	S
8	JHAWA	MAHANANDA	Katihar	Bihar	S	AN	AN	N	N
9	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	S	S	AN	AN	AN
10	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	S	S	S	S	S
11	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	S	S	S	S	S
12	BADATIGHAT	SUBANSIRI	LAKHIMPUR	ASSam	S	S	S	S	S
13	BEKI ROAD BRIDGE	BEKI	BARPETA	ASSam	S	S	S	S	S
14	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	ASSam	AN	S	S	S	AN
15	NANGLAMORAGHAT	DESANG	SIVSAGAR	ASSam	AN	S	S	S	S
16	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	ASSam	S	S	S	S	S
17	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	ASSam	AN	AN	S	S	S
18	SIVASAGAR	DIKHOW	SIVSAGAR	ASSam	AN	S	S	S	S
19	TEZPUR	BRAHMAPUTRA	SONITPUR	ASSam	S	S	S	S	S
20	DHUBRI	BRAHMAPUTRA	DHUBRI	ASSam	S	S	S	S	S
21	AKHUAPADA	BAITARANI	BHADRAK	Odisha	N	AN	S	S	S
22	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN
23	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	AN
24	BALTARA	KOSI	Khagaria	Bihar	AN	AN	AN	AN	AN
25	BASUA	KOSI	Supaul	Bihar	AN	AN	AN	AN	AN
26	DABRI	RAMGANGA	Shahjahanpur	Uttar Pradesh	AN	AN	AN	AN	AN
27	DARAUJI	GHAGRA	Siwan	Bihar	N	N	N	N	AN
28	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN
29	GARHMUKTESHWAR	GANGA	Hapur	Uttar Pradesh	AN	AN	AN	AN	AN
30	JHANJHARPUR	KAMALABALAN	Madhubani	Bihar	AN	N	N	N	N

31	KANNAUJ	GANGA	KANnauj	Uttar Pradesh	N	AN	AN	AN	AN
32	MATHURA (PRAYAG GHAT)	YAMUNA	Mathura	Uttar Pradesh	AN	AN	AN	AN	AN
33	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	N	AN	AN	AN	AN
34	TURTIPAR	GHAGRA	Ballia	Uttar Pradesh	N	N	AN	AN	AN
35	DHENG BRIDGE	BAGMATI	Sitamarhi	Bihar	AN	AN	AN	AN	AN
36	JAINAGAR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
37	TAIBPUR	MAHANANDA	KISHANGANJ	Bihar	AN	AN	AN	AN	AN
38	MORADABAD	RAMGANGA	Moradabad	Uttar Pradesh	AN	AN	N	N	N
39	DHARAMTUL	KOILI	MARIGAON	Assam	N	N	N	N	AN
40	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN
41	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	AN	AN
42	PUTHIMARI NH RD XING	PUTHIMARI	KAMRUP	Assam	AN	AN	AN	AN	AN
43	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	N	AN	AN	AN	AN
44	ANNAPURNA GHAT	BARAK	CACHAR	Assam	N	N	N	AN	AN
45	ARARIA	PARMAN	ARARIA	Bihar	AN	N	N	N	N
46	DOMOHANI	TEESTA	JALPAIGURI	West Bengal	AN	N	N	N	N
47	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	AN	AN	AN	AN
48	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	AN	AN	AN
49	TUFANGANJ	RAIDAK-I	KOCHBIHAR	West Bengal	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 15th July2023

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	Srikakulum					
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)					

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.