



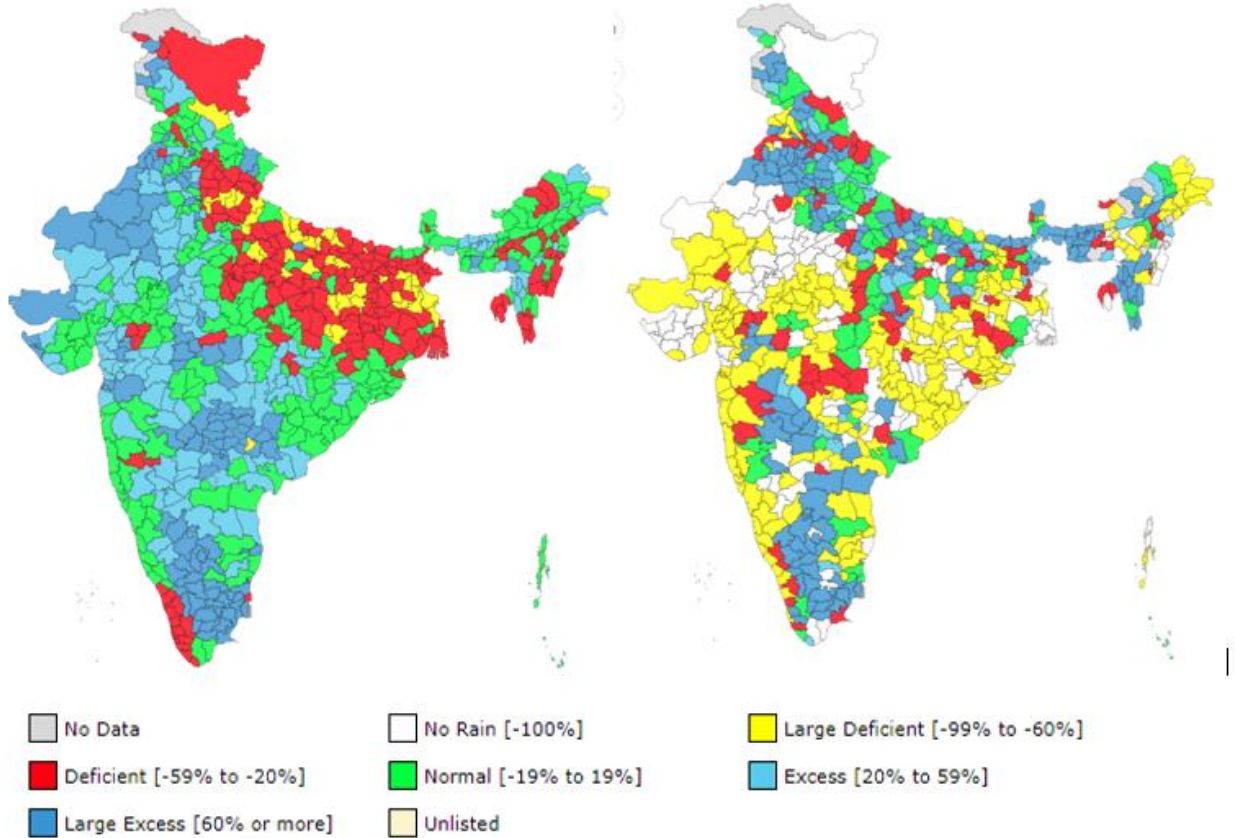
Central Water Commission  
Daily Flood Situation Report cum Advisories  
31-07-2022

1.0 Rainfall Situation

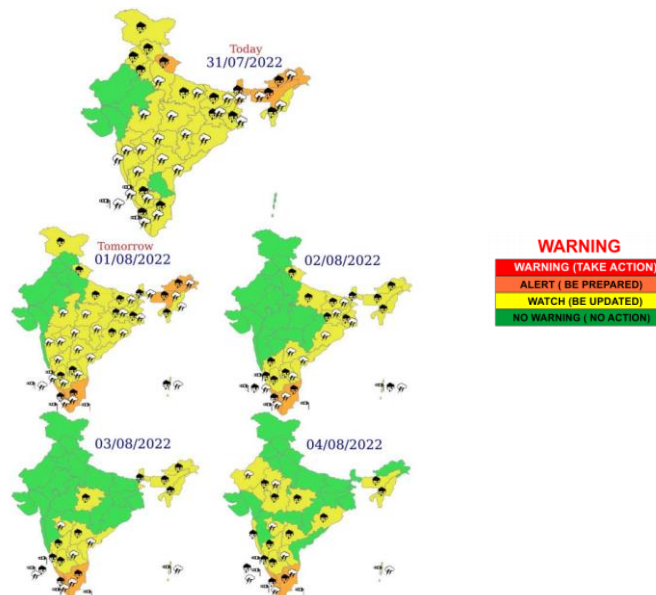
1.1 Basin wise departure from normal of cumulative and daily rainfall

Rainfall Cumulative from 01.06.2022

Daily Rainfall Recorded on 31.07.2022



1.2 Rainfall forecast for next 5 days issued on 31<sup>st</sup> July 2022 (Midday) by IMD



- Isolated very heavy rainfall over Uttarakhand and Sub-Himalayan West Bengal & Sikkim on 31st July; Assam & Meghalaya and Arunachal Pradesh on 31st July & 01st August; Coastal Karnataka on 03rd & 04th August; South Interior Karnataka on 04th August; North Interior Karnataka during 02nd -04th August and Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal during 01st -04th August, 2022

## 2.0 Flood Situation and Advisories

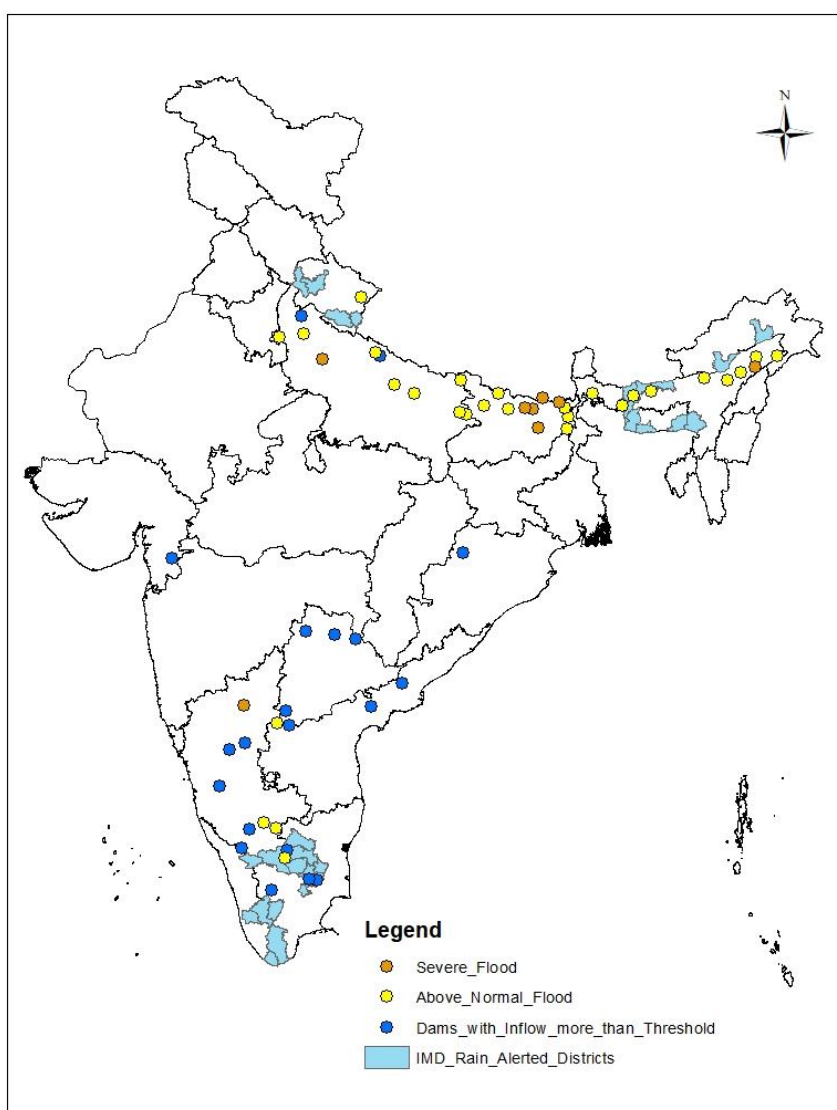
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 31<sup>st</sup> July 2022, 7 stations (5 in Bihar and 1 each in Assam, Uttar Pradesh) are flowing in Severe Flood Situation, 21 stations (8 in Bihar, 6 in Assam, 5 in Uttar Pradesh and 1 each in Andhra Pradesh & West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 22 Barrages & Dams (5 each in Karnataka & Telangana, 4 each in Andhra Pradesh & Tamilnadu, 2 in Uttar Pradesh and 1 each in Gujarat & Odisha).

FLOOD SITUATION SUMMARY		
PART - I: LEVEL FORECAST		
S.No.	Flood Situations	Numbers of Forecasting Sites
<b>A</b>	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	0
<b>B</b>	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	7
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	21
Total number of sites above Warning Level ( A+B+C)		28
PART - II: INFLOW FORECAST		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		22

Details are given at link: [http://cwc.gov.in/sites/default/files/cfcrwcdfb31.07.2022\\_3.pdf](http://cwc.gov.in/sites/default/files/cfcrwcdfb31.07.2022_3.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

### Uttarakhand

IMD has predicted very heavy rainfall in districts **Dehradun, Tehri Garhwal, Nainital & Champawat**, hence alert for water level rise may be kept in rivers upper Ganga, Yamuna, Ramganga, Tons and other small rivers in the above said districts.

### Assam

IMD has predicted very heavy rainfall in districts **Dubri, Kokrajhar, Chirang and Baska**, hence alert for water level rise may be kept in rivers of lower Brahmaputra in above said districts. Current Flood situation in Assam as per CWC network is as follows:

District	River	Flood Situation	Trend of water level
<b>Sivasagar</b>	Desang	Severe	Falling
<b>Barpeta</b>	Beki	Above Normal	Rising
<b>Dhubri</b>	Sankosh	Above Normal	Rising
<b>Kokrajhar</b>	Gaurang	Above Normal	Rising
<b>Jorhat</b>	Brahmaputra	Above Normal	Rising
<b>Golaghat</b>	Dhansiri	Above Normal	Falling
<b>Sonitpur</b>	JiaBharali	Above Normal	Falling

### Tamilnadu

IMD has predicted very heavy rains in **Salem, Namakkal, Perambalur, Dharmapuri, Theni, Tenkashi, Kanyakumari, Nilgris, Erode and Thiruchirapalli** for next two days, hence alert for water level rise may be kept in Cauvery, Vellar, Kodaiyar, Pollachi, Vaigai, Ponnaiyar, Nabiar, Tambraparni and in the tributaries of said rivers in above said districts. Sarabenga river of Cauvery basin in **Salem** district is flowing in above normal flood situation with steady trends. Major dams with high storages are as follows:

Project	Storage	Project	Storage
Mettur	99.8	Bhavanisagar	89.2
Vaigai	83.6	Krishnagiri	83.3
Sathanur	71.4	Sholayar	101.1
Parambikulam	94.3	Aliyar	87.3

The dams may be operated as per SOP and releases from the said dams may be done as per SOP after informing lower riparian areas.

### Kerala

IMD has predicted very heavy rains in **Kottayam and Idukki** districts in 2 to 3 days. Alert for water level rise may be kept in Meenachil, Manimala, Pamba, Thodupuzha, Periyar and other small rivers in above said districts. Increased inflow is expected into Idukki and Edamalayar dams. Dams such as Ponmudi, Kallarkutty, Lower Periyar of Idukki district are having high storages. The dams may be operated as per SOP and releases from the said dams may be done as per SOP after informing lower riparian areas.

2.3 Flash Flood Guidance

<p><b><u>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 01.08.2022:</u></b></p> <p><b>Moderate Risk</b> over some watersheds and neighborhoods of Jammu &amp; Kashmir Himachal Pradesh, Uttarakhand and Sub-Himalayan West Bengal &amp; Sikkim 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>	<div><div><div>Product: NCIM FFR   Timescale: 24 hr   Region: INDIA Product Date: 2022-07-31 06:00 UTC   Valid Date: 2022-08-01 06:00 UTC</div></div><div><div>Product: NCIM FFR   Timescale: 24 hr   Region: INDIA Product Date: 2022-07-31 06:00 UTC   Valid Date: 2022-08-01 06:00 UTC</div></div></div>
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### 3.0 Advisory Flood Forecast for next 5-days

The flood situation at Flood Forecasting Stations likely to be above warning level for next 5 days:

S.No.	Station	River	District	State	01-08-2022	02-08-2022	03-08-2022	04-08-2022	05-08-2022
1	BENIBAD	BAGMATI	Muzaffarpur	Bihar	S	S	S	S	S
2	AYODHYA	GHAGRA	Faizabad	Uttar Pradesh	AN	AN	AN	AN	S
3	BALTARA	KOSI	Khagaria	Bihar	S	AN	AN	AN	S
4	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
5	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	AN	AN	S	S	S
6	HARIDWAR	GANGA	Hardwar	Uttarakhand	N	N	N	AN	S
7	JHANJHARPUR	KAMLA	Madhubani	Bihar	S	S	S	S	S
8	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	S	S	S
9	LALBEGIAGHAT	BURHI GANDAK	Purba Champaran	Bihar	N	N	N	AN	S
10	SIKANDARPUR	BURHI GANDAK	Muzaffarpur	Bihar	N	N	N	N	S
11	TURTIPAR	GHAGARA	Ballia	Uttar Pradesh	AN	AN	AN	AN	S
12	JAINAGAR	KAMLA	Madhubani	Bihar	S	S	S	S	S
13	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	AN	S	S	S	S
14	KHOWANG	BURIDEHING	Dibrugarh	Assam	AN	AN	AN	S	S
15	NANGLAMORAGHAT	DESANG	Sivasagar	Assam	S	S	S	S	S
16	ANNA_PURNA_GHAT	BARAK	Cachar	Assam	N	N	N	AN	S
17	MATIZURI	KATAKHAL	Hailakandi	Assam	N	N	N	N	S
18	BADARPGHAT	BARAK	Karimganj	Assam	N	N	N	N	S
19	KARIMGANJ	BARAK	Karimganj	Assam	N	N	N	AN	S
20	NELLORE	PENNNAR	Sri Potti Sriramulu Nellore	Andhra Pradesh	N	N	AN	AN	S
21	AKHUAPADA	BAITRANI	Jajapur	Odisha	AN	AN	S	S	N
22	ARARIA	PARMAN	Araria	Bihar	S	AN	AN	AN	AN
23	NEELEESWARAM	PERIYAR	Ernakulam	Kerala	N	N	N	S	N
24	MALAKKARA	PAMBA	Pathanamthitta	Kerala	N	N	N	S	AN
25	AHIRWALIA	BURHI GANDAK	Purba Champaran	Bihar	N	N	N	N	AN
26	ANKINGHAT	GANGA	Hardoi	Uttar Pradesh	N	N	N	N	AN
27	GORAKHPUR BIRGHAT	RAPTI	Gorakhpur	Uttar Pradesh	N	N	N	N	AN
28	DARAULI	GHAGRA	Siwan	Bihar	AN	AN	AN	AN	AN
29	DELHI_RLY_BRG	YAMUNA	North	NCT of Delhi	AN	AN	AN	AN	N
30	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	AN	AN	AN	AN	AN
31	EKMIGHAT	ADHWARA	Darbhanga	Bihar	N	N	N	N	AN

32	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	N	N	N	N	AN
33	GARHMUKTESHWAR	GANGA	Jyotiba Phule Nagar	Uttar Pradesh	AN	AN	AN	AN	AN
34	HAYAGHAT	BAGMATI	Darbhanga	Bihar	N	N	N	N	AN
35	JHAWA	MAHANANDA	Katihar	Bihar	AN	AN	AN	AN	AN
36	KAHALGAON	GANGA	Bhagalpur	Bihar	N	N	N	N	AN
37	KAMTAUL	ADHWARA	Darbhanga	Bihar	N	N	N	N	AN
38	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	AN	AN	N	AN
39	KHAGARIA	BURHI GANDAK	Khagaria	Bihar	N	N	N	N	AN
40	KURSELA	KOSI	Katihar	Bihar	N	N	N	N	AN
41	PATNAGANDHIGHAT	GANGA	Patna	Bihar	N	AN	AN	AN	AN
42	RISHIKESH	GANGA	Dehradun	Uttarakhand	N	N	N	N	AN
43	ROSELA	BURHI GANDAK	Samastipur	Bihar	N	N	N	N	AN
44	SRINAGAR	ALAKNANDA	Garhwal	Uttarakhand	N	N	N	N	AN
45	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
46	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	AN	AN	AN	AN	AN
47	BEKI NH CROSSING	BEKI	Barpeta	Assam	AN	AN	AN	AN	AN
48	DIBRUGARH	BHRAMPUTRA	Dhemaji	Assam	N	N	N	N	AN
49	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	AN	AN	AN	AN	AN
50	NEAMATIGHAT	BHRAMPUTRA	Jorhat	Assam	AN	AN	AN	AN	AN
51	NUMALIGARH	DHANSARI	Golaghat	Assam	AN	AN	AN	AN	N
52	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	AN	AN	AN	AN	AN
53	KOKRAJHAR	GAURANG	Kokrajhar	Assam	AN	AN	AN	N	AN
54	NH_X_RANGANADI	RANGANADI	Lakhimpur	Assam	N	N	AN	AN	N
55	MUSIRI	CAUVERY	Tiruchirappalli	Tamil Nadu	N	N	N	AN	AN
56	KASHINAGAR	VAMSADHARA	Srikakulam	Andhra Pradesh	N	N	AN	N	N
57	MANTRALAYAM	TUNGABHADRA	Kurnool	Andhra Pradesh	AN	AN	AN	AN	AN
58	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	AN	AN	AN
59	GHUGUMARI	TORSA	Coochbehar	West Bengal	N	N	N	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).



#### 4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 31<sup>st</sup> July 2022

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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#	Reservoir/Dams	River/Sub-Basin /Basin	State	US/ DS District	Rainfall situation				
					Day 1	Day 2	Day 3	Day 4	Day 5
1	Pulichinthala	Krishna/Lower Krishna/ Krishna	AP	Nalgonda(Tel)/Guntoor,Krishna (AP)					
2	Srisailem	Krishna/Lower Krishna/Krishna	AP	JogulambaGadwal(Telangana), Kurnool(AP)/ Nalgonda(Telangana), Guntoor (AP)					
3	Somasila	Pennar/Lower Pennar/Pennar	AP	Kadapa(AP)/Nellore(AP)					
4	Madduvalasa	Nagavalli/Nagavalli/EFR Mahanadi & Godavari	AP	Vizianagaram(AP)/Srikakulam(AP)					
5	Musi	Musi/Lower Krishna/ Krishna	Tel	Nalgonda					
6	Sriramasagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherla(Telangana)					
7	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherla/JaishankarBhupalpally					
8	Singur	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
9	Nizamsagar	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
10	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
11	Ukai	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
12	SardarSarovar	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Narmada( Guj), Nadurbar( MP)/Narmada, Vadodra, Bharuch (Guj)					
13	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yadgir					
14	Harangi	Cauvery/Upper Cauvery/Cauvery	Kar	Kodagu/Mandya					
15	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
16	Karanja	Karanja/Manjira/Godavari	Kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)					
17	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
18	Kabini	Kabini/Kabini/Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
19	Bhadra	Bhadra/UpperTungabhadra/Krishna	Kar	Chikmagalur/Shimoga					
20	KRS	Cauvery/Middle Cauvery/Cauvery	Kar	Mandya, Mysore					
21	Malaprabha	Malaprabha/Malaprabha/Krishna	Kar	Belgaum					
22	Hidkal	Ghataprabha/Ghataprabha/Krishna	Kar	Kolhapur (Mah)/ Belgaum (Kar)					
23	Almatti	Krishna/Upper Krishna/Krishna	Kar	Kolhapur(Maharashtra)/ Bagalkote(Karnataka)					
24	Idukki	Periyar/Upper Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Theni (Tamil Nadu), Ernakulam					
25	Edamalayar	Edamalayar/Middle Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Coimbatore (Tamil Nadu)					
26	Warana	Warana river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
27	Veer	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
28	Ujjani	Bhima/Upper Bhima/Krishna	Mah	Pune, Solapur					
29	Yeldari	Purna/Purna/Godavari	Mah	Hingoli, Parbhani/Nanded					
30	Upper Wardha	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
31	Issapur	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
32	Totladoh	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
33	Jaikwadi	Godavari/Upper Godavari/Godavari	Mah	Aurangabad, Ahmadnagar/Bid, Jalna					
34	Mula	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
35	Salandi	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
36	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakkad (Kerala), Nilgiri(TN), Coimbatore (TN)/ Erode (TN)					
37	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
38	Vaigai	Vaigai/Upper Vaigai/East flowing rivers South of Cauvery Basin	TN	Theni/Madurai					

39	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
40	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
41	Gudha	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
42	Parwati	Parbati/ Kalisindh/Upper Chambal	Raj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)					
43	Gandhisagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
44	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
45	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
46	Barna	Barna/Middle Narmada/Narmada	MP	Raisen/Hoshangabad,Narsinghpur					
47	Indira Sagar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
48	Upper Wainganga	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					

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.