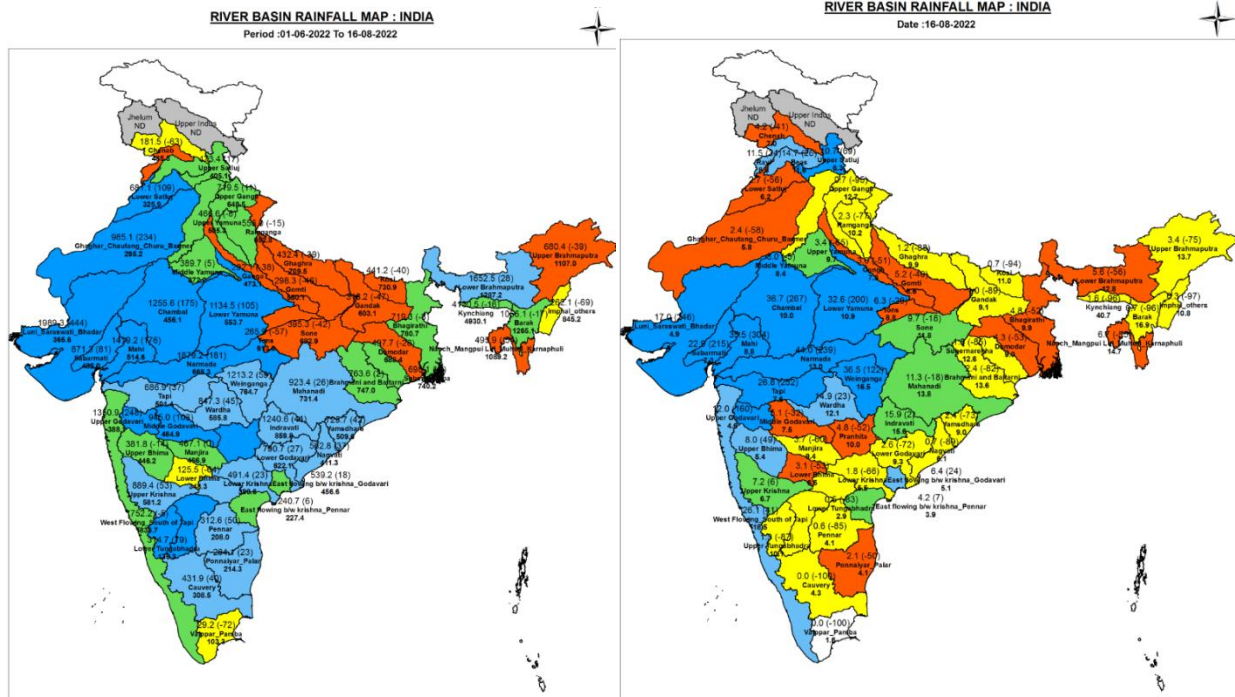




**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**16-08-2022**

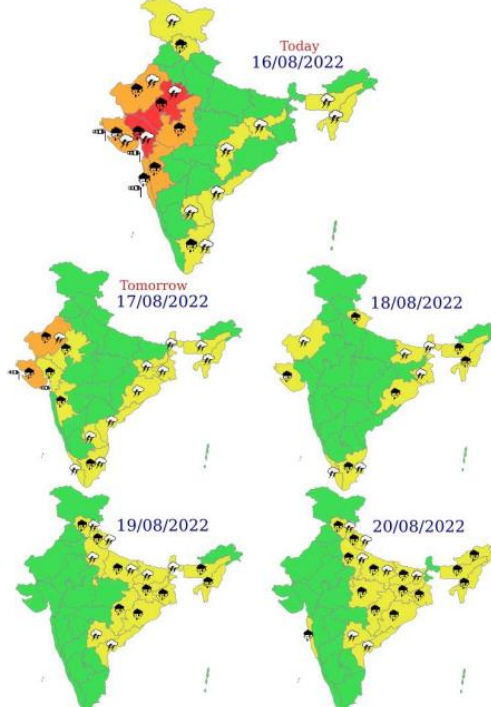
**1.0 Rainfall Situation**

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



Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)  
 b) Percentage departures of rainfall are shown in brackets.

**1.2 Rainfall forecast for next 5 days issued on 16<sup>th</sup> August 2022 (Midday) by IMD**



- Isolated very heavy rainfall over Konkan & Goa, ghat areas of Madhya Maharashtra and West Madhya Pradesh on 16th; southwest Rajasthan on 17th and over Saurashtra & Kutch on 16th & 17th August, 2022.
- Isolated extremely heavy rainfall over south Rajasthan and Gujarat Region on 16th August, 2022.

## 2.0 Flood Situation and Advisories

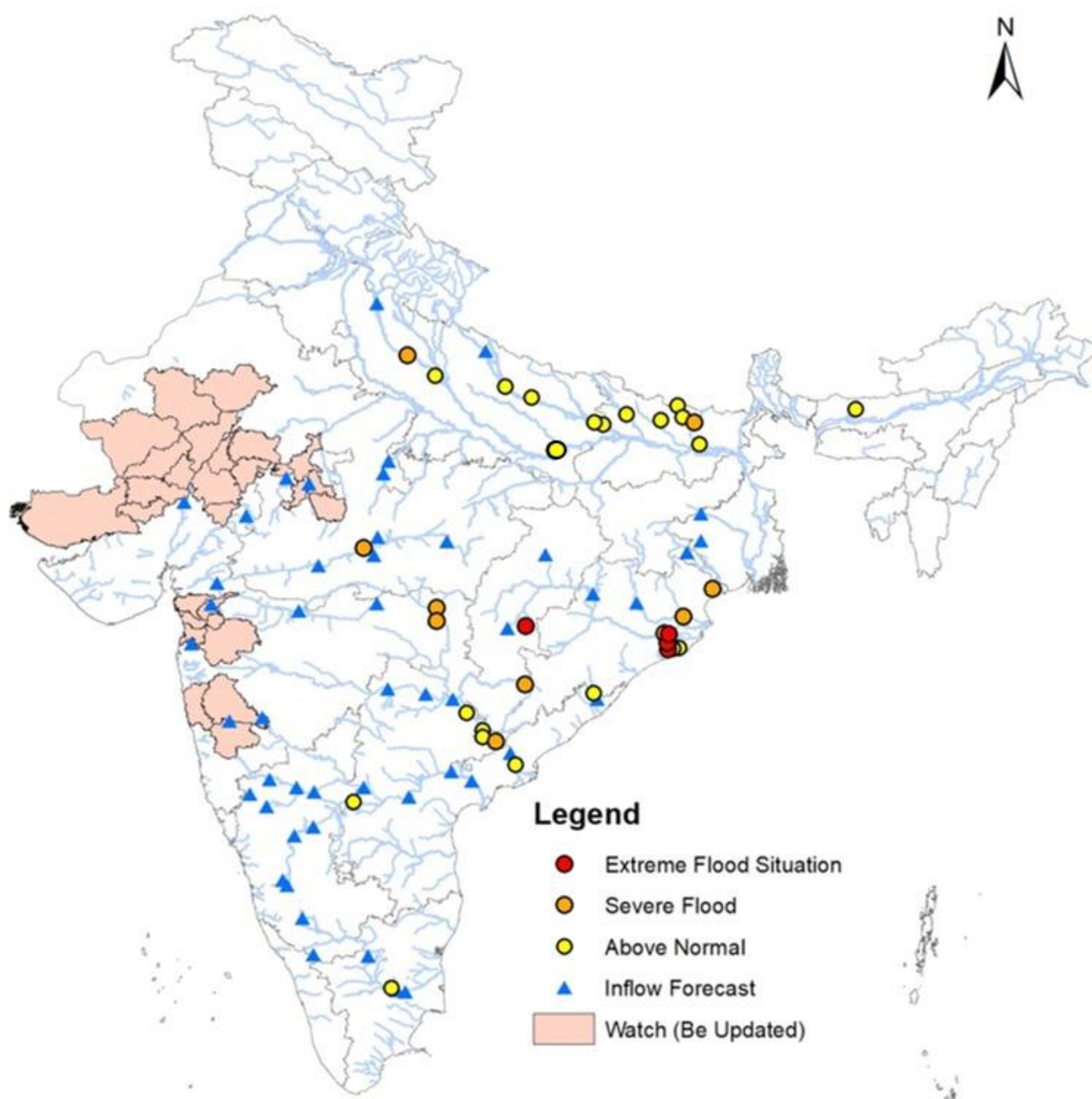
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 16<sup>th</sup> August 2022, 10 stations (3 in Odisha, 2 in Maharashtra and 1 each in Uttar Pradesh, Bihar, Chhattisgarh & Andhra Pradesh) are flowing in Severe Flood Situation, 23 stations (6 in Bihar, 4 in Uttar Pradesh, 3 each in Odisha & Telangana, 2 in Andhra Pradesh and 1 each in Assam & Tamilnadu) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 53 Barrage & Dams (11 in Karnataka, 6 each in Madhya Pradesh & Maharashtra, 5 in Telangana, 4 in Gujarat, 3 each in Uttar Pradesh & Tamilnadu, 2 each in Chhattisgarh, Rajasthan & Odisha, 1 in West Bengal).

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)	<b>0</b>
<b>B</b>	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	<b>10</b>
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	<b>20</b>
Total number of sites above Warning Level (A+B+C)		<b>30</b>
<b>PART - II: INFLOW FORECAST</b>		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		<b>53</b>

Details are given at link: <http://cwc.gov.in/sites/default/files/cfrcwcdfb16-08-2022.pdf>

#### 2.1.1 Flood Situation Map



**Madhya Pradesh**

Alert for water level rise may be kept in river Narmada in **Alirajpur** dist., river Chambal in **Rajgarh, Mandsaur and Neemuch** districts. The flood situation and the water level trend as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Raisen	Tenduni at Maheshwar	Tenduni (Narmada Basin)	Extreme	Steady
Hoshangabad	Hoshangabad	Narmada	Severe	Steady
Burhanpur	Burhanpur	Tapi	Above Normal	Rising

**Maharashtra**

As very heavy rains are expected in the state for next 2 days, alert for water level rise may be kept in rivers of Konkan namely Vaitarna, Ulhas, Savitri, Vashisti, Gad, Kali, Damanganaga and other small rivers in districts **Palghar, Raigad, Nashik & Ratnagiri**. Alert for water level rise may be kept in rivers upper Krishna in **Satara** district, river of upper Bhima basins in **Pune** district.

**Rajasthan**

Alert for water level rise may be kept in river Chambal in districts **Jhalawar, Chittorgarh, Kota, Bundi**, river west Banas in **Sirohi** district, river Banas in **Bhilwara, Rajsamund, Chittorgarh** districts, river Mahi in **Pratapgarh, Banswara, Dungarpur and Udaipur** dists., and river Sabarmati in **Udaipur** district. Heavy inflows are expected into Mahi Bajaj Sagar dam.

**Gujarat, Dadra and Nagar Haveli, Daman**

Alert for water level rise may be kept in rivers Mahi, Sabarmati and their tributaries due to rain in upper catchments of these rivers in Rajasthan area. Alert may be kept for water level rise in river Rel and Banas in **Banaskantha** and **Patan** districts, river Tapi and Damanganaga in **Tapi, Navsari, Dangs, Valsad, Surat** districts, also in **Dadra and Nagar Haveli and Daman**. Alert may be kept for water level rise in rivers Rukmawati, Khari-Mitti, Sani, Limdino and other small rivers in **Kutch, Surendranagar and Devbhoomi Dwarka** districts. Since there is heavy outflow from Sardar Sarovar Dam alert for water level rise may be kept in **Vadodhara and Bharuch** districts.

**Odisha**

Due to the passage of depression through Orissa during past 2 to 3 days very heavy to extremely heavy rainfall scenario existed in the state. Many rivers in the state are flowing in swelled conditions. The flood situation and the water level trend as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Cuttack	Kathajori Rd Bridge	Mahanadi	Extreme	Steady
Khordha	Daya Rd Bridge	Daya (Mahanadi Basin)	Extreme	Rising
Puri	Balakati	Bhargavi (Mahanadi Basin)	Extreme	Rising
Cuttack	Naraj	Mahanadi	Severe	Rising
Baleshwar	Mathani Rd Bridge	Jalka (Subarnarekha basin)	Severe	Falling
Bhadrak	Akhuapada	Baitarni	Severe	Falling
Gajapati	Kashinagar	Vamsadhara	Above Normal	Falling
Jagatsinghapur	Alipingal	Mahanadi	Above Normal	Rising

Puri	Nimapara	Kusavadra (Mahanadi)	Above Normal	Rising
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## Chhattisgarh

Due to the passage of depression through Chhattisgarh during past 2 to 3 days very heavy to extremely heavy rainfall scenario existed in the state. Many rivers in the state are flowing in swelled conditions. The flood situation and the water level trend as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Gariaband	Malgaon	Pairi (Mahanadi basin)	Extreme	Falling
Bastar	Jagdapur	Indravathi (Godavari basin)	Severe	Falling
Bijapur	Pathagudem	Indravathi (Godavari basin)	Above Normal	Falling

## Telangana

The flood situation as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Mulugu	Perur	Godavari	Severe	Steady
Mulugu	Etrunagaram	Godavari	Above Normal	Rising
Bhadradi	Bhadrachalam, Dummagudem	Godavari	Above Normal	Rising

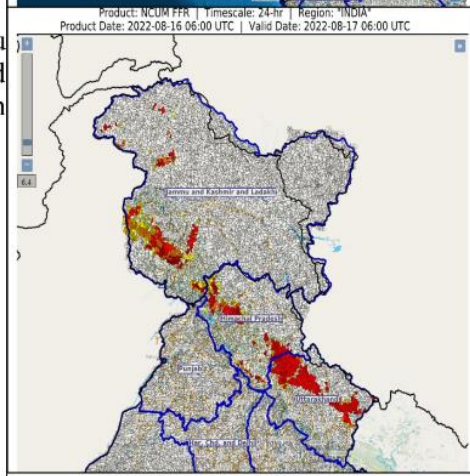
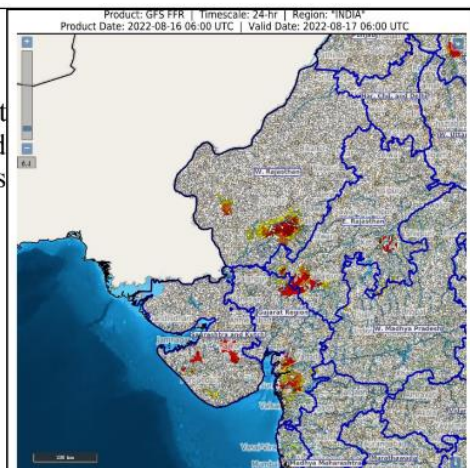
## 2.3. Flash Flood Guidance

### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 17.08.2022:**

**Moderate** Flash Flood Risk over East Rajasthan, West Rajasthan, Gujarat and Saurashtra & Kutch Met Sub-divisions likely in next 24 hours.

**Moderate** Flash Flood Risk over Jammu & Kashmir, Himachal Pradesh and Uttarakhand Met Sub-divisions likely in next 24 hours.

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





### 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	17-08-2022	18-08-2022	19-08-2022	20-08-2022	21-08-2022
1	BHANDARA	WAINGANGA	BHANDARA	Maharashtra	S	S	S	S	S
2	NARAJ	MAHANADI	Cuttack	Odisha	S	S	S	S	S
3	BHADRACHALAM	GODAVARI	BHADRADRI KOTHAGUDEM	TELANGANA	S	AN	N	N	N
4	JAGDALPUR	INDRAVATHI	BASTAR	CHHATTISGARH	S	N	AN	AN	AN
5	KUNAVARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	S	S	AN	N	N
6	PAUNI	WAINGANGA	BHANDARA	MAHARASHTRA	S	S	S	S	S
7	CHINTURU	SABARI	EAST GODAVARI	ANDHRA PRADESH	S	AN	N	N	N
8	RAJAHMUNDRY	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	S	AN	N	N	N
9	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	S	S	AN	AN	N
10	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
11	BENIBAD	BAGMATI	Muzaffarpur	Bihar	AN	AN	AN	AN	S
12	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	S	S	S
13	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	AN	AN	AN	S	S
14	DHOLPUR	CHAMBAL	Dholpur	Rajasthan	AN	S	AN	N	N
15	ANANDPUR	BAITRANI	Kendujhar	Odisha	N	N	AN	S	S
16	AKHUAPADA	BAITRANI	Jajapur	Odisha	S	AN	S	S	S
17	BHARUCH	NARMADA	Bharuch	Gujarat	S	S	S	N	N
18	GUNUPUR	VAMSADHARA	Rayagada	Odisha	AN	AN	AN	S	S
19	KASHINAGAR	VAMSADHARA	Srikakulam	Andhra Pradesh	S	S	S	S	S
20	SRIKAKULAM	NAGAVALLI	Srikakulam	Andhra Pradesh	AN	N	N	S	S
21	MATHANIRB	JAMIRA	Baleshwar	Odisha	S	S	S	S	S
22	DUMMUGUDEM	GODAVARI	BHADRADRI KOTHAGUDEM	TELANGANA	AN	N	N	N	N
23	ETURUNAGARAM	GODAVARI	MULUGU	TELANGANA	AN	N	N	N	N
24	ATREYAPURAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	AN	N	N	N	N
25	AYODHYA	GHAGRA	Faizabad	Uttar Pradesh	AN	AN	AN	AN	AN
26	BALTARA	KOSI	Khagaria	Bihar	AN	AN	AN	AN	AN
27	DARAULI	GHAGRA	Siwan	Bihar	AN	AN	N	N	N
28	DELHI_RLY_BRG	YAMUNA	North	NCT of Delhi	AN	AN	N	N	N
29	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	AN	AN	AN	AN	AN
30	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	AN	AN	AN	AN
31	JHANJHARPUR	KAMLA	Madhubani	Bihar	N	N	AN	AN	AN

32	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	N	AN	AN	AN
33	KURSELA	KOSI	Katihar	Bihar	N	N	AN	AN	AN
34	MATHURA_PG	YAMUNA	Mathura	Uttar Pradesh	N	N	AN	AN	N
35	PATNAGANDHIGHAT	GANGA	Patna	Bihar	N	N	N	N	AN
36	TURTIPAR	GHAGARA	Ballia	Uttar Pradesh	AN	AN	AN	AN	AN
37	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
38	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	AN	AN	AN
39	JAINAGAR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
40	BEKI_NH_CROSSING	BEKI	Barpeta	Assam	AN	AN	AN	AN	AN
41	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	N	AN	AN	AN	AN
42	NUMALIGARH	DHANSARI	Golaghat	Assam	N	N	N	AN	AN
43	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	N	N	N	N	AN
44	KODUMUDI	CAUVERY	Erode	Tamil Nadu	AN	AN	AN	AN	AN
45	MUSIRI	CAUVERY	Tiruchirappalli	Tamil Nadu	AN	AN	AN	AN	AN
46	SUBASH_BRIDGE	SABARMATI	Ahmadabad	Gujarat	N	AN	N	N	N
47	MANTRALAYAM	TUNGABHADRA	Kurnool,Ã,Â	Andhra Pradesh	AN	AN	AN	N	N
48	ARARIA	PARMAN	Araria	Bihar	N	N	AN	AN	AN
49	DOMOHANI	TEESTA	Jalpaiguri	West Bengal	AN	N	N	N	N

**Abbreviation:** N: Normal Flood Situation, AN: 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 16<sup>th</sup>August2022

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	Srisaillam	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, Mancherial(Telangana)					
7	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/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	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yaadgir					
13	Harangi	Cauvery/Upper Cauvery/Cauvery	Kar	Kodagu/Mandya					
14	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
15	Karanja	Karanja/Manjira/Godavari	Kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)					
16	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
17	Kabini	Kabini/Kabini/Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
18	Bhadra	Bhadra/UpperTungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
19	KRS	Cauvery/Middle Cauvery/Cauvery	Kar	Mandya, Mysore					
20	Malaprabha	Malaprabha/Malaprabha/Krishna	Kar	Belgaum					
21	Hidkal	Ghataprabha/Ghataprabha/Krishna	Kar	Kolhapur (Mah)/ Belgaum (Kar)					
22	Almatti	Krishna/Upper Krishna/Krishna	Kar	Kolhapur(Maharashtra)/ Bagalkote(Karnataka)					
23	Idukki	Periyar/Upper Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Theni (Tamil Nadu), Ernakulam					
24	Edamalayar	Edamalayar/Middle Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Coimbatore (Tamil Nadu)					
25	Koyna	Koyna/Upper Krishna/Krishna	Mah	Satara/Kolhapur, Sangli					
26	Warana	Warna 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	Ravi Shankar	Mahanadhi/Upper Mahanadi/Mahanadi	Chhatt	Kanker/Gariaband					
37	Bhavanisagar	Bhavanisagar/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri(TN), Coimbatore (TN)/ Erode (TN)					
38	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
39	Vaigai	Vaigai/Upper Vaigai/East flowing rivers South of Cauvery Basin	TN	Theni/Madurai					

40	36	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Dharmapuri, Tiruvannamalai/Villupuram, Cuddalore					
41	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
42	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
43	Gudha	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
44	Parwati	Parbati/ Kalisindh/Upper Chambal	Raj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)					
45	Gandhisagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
46	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
47	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
48	Barna	Barna/Middle Narmada/Narmada	MP	Raisen/Hoshangabad,Narsinghpur					
49	Indira Sagar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
50	Upper Wainganga	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
51	Sardar Sarovar	Narmada/Narmada b/w Hosangabad 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.