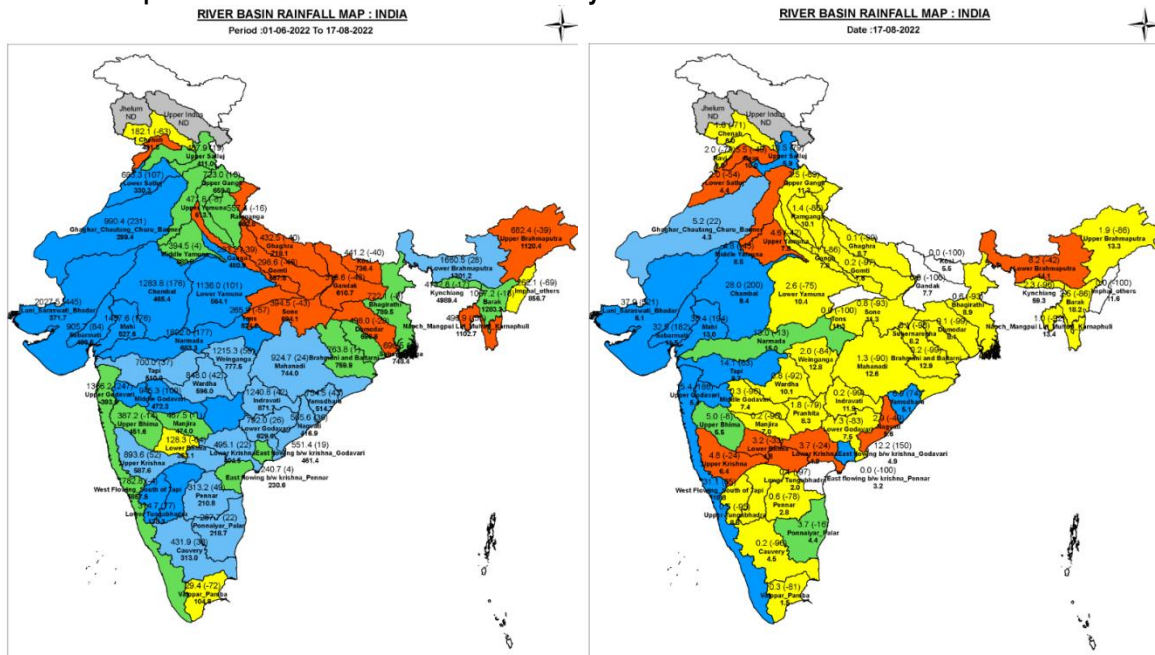




Central Water Commission
Daily Flood Situation Report cum Advisories
17-08-2022

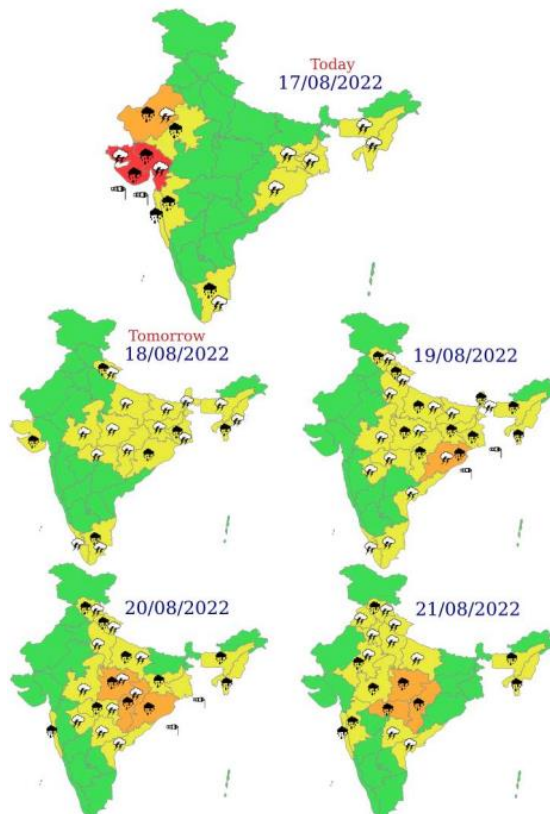
1.0 Rainfall Situation

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 17th August 2022 (Midday) by IMD



- Isolated very heavy rainfall over West Rajasthan on 17th; East Madhya Pradesh & Chhattisgarh on 20th & 21st; Vidarbha on 21st and over Odisha on 19th & 20th August, 2022.
- Isolated extremely heavy rainfall over Gujarat State on 17th August, 2022.

2.0 Flood Situation and Advisories

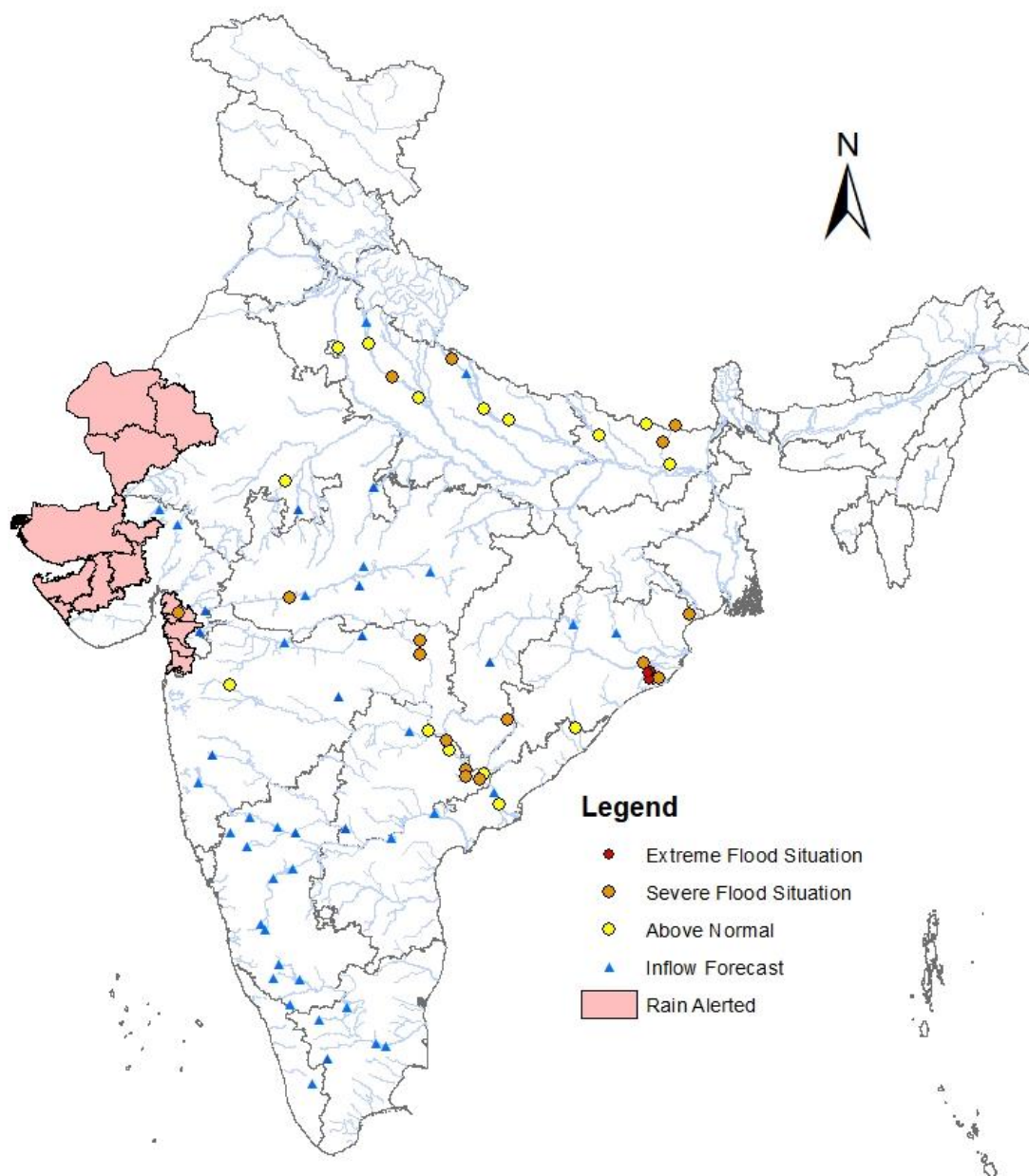
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 17th August 2022, 11 stations (2 each in Odisha & Maharashtra and 1 each in Uttar Pradesh, Bihar, Chhattisgarh, Gujarat, Rajasthan, Telangana & Andhra Pradesh) are flowing in Severe Flood Situation, 17 stations (4 in Uttar Pradesh, 3 each in Bihar & Telangana, 2 each in Andhra Pradesh & Odisha and 1 each in Maharashtra, Rajasthan & Delhi) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 46 Barrage & Dams (12 in Karnataka, 5 each in Andhra Pradesh, Madhya Pradesh & Telangana, 4 each in Maharashtra, Uttar Pradesh & Gujarat, 3 in Tamilnadu and 2 in Odisha & Rajasthan).

PART - I: LEVEL FORECAST		
S.No.	Flood Situations	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))	11
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	17
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)		46

Details are given at link: http://cwc.gov.in/sites/default/files/cfrcwcdfb17-08-2022_3.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Odisha

Due to the passage of depression through Orissa and Chattisgarh during past few days very heavy to extremely heavy rainfall scenario existed in the state. Many rivers in the state are flowing in swelled conditions specially in lower Mahanadi basin in districts **Khordha, Puri, Cuttack, Angul and Jagatsinghapur**. 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
Khordha	Daya Rd Bridge	Mahanadi	Extreme	Falling
Khordha	Bhingarpur	Kusavadra (Mahanadi Basin)	Extreme	Falling
Puri	Balanga	Bhargavi (Mahanadi Basin)	Extreme	Falling
Khordha	Balakati	Bhargavi (Mahanadi Basin)	Extreme	Falling
Anugul	Kishanagar	Mahanadi	Extreme	Rising
Cuttack	Naraj	Mahanadi	Severe	Falling
Jagatsinghapur	Alipingal	Mahanadi	Severe	Falling
Gajapati	Kashinagar	Vamsadhara	Above Normal	Steady
Puri	Nimapara	Kusavadra (Mahanadi)	Above Normal	Rising

Gujarat, Dadra and Nagar Haveli, Daman

Alert may be kept for water level rise in river Rel and Banas in **Banaskantha** and **Patan** districts, river Sabarmati in Mehsana district, river Tapi, Narmada and Damanganaga in **Tapi, Bharuch, Valsad, Surat** districts, also in **Dadra and Nagar Haveli and Daman**. Alert may be kept for water level rise in rivers Rukmawati, Khari-Mitti, Saraswati, Madhuwati, Ozat, Minsar, Sani, Limdino and other small rivers in **Kutch, Rajkot, Jamnagar, Morbi and Devbhoomi Dwarka** districts. Heavy inflows are expected into Dantiwada, Dharoi, Ukai, Damanganaga and Sardar Sarovar dams. Since there are heavy releases from Sardar Sarovar keep alert for water level rise in **Bharuch and Vadodhara** districts. Narmada river at CWC site Bharuch, in **Bharuch** district is flowing in severe flood situation with rising trend. Since river Banas (called as West Banas in Rajasthan) water levels are increasing in **Sirohi** district of Rajasthan it is expected that the river and its tributaries will over flow or will flow to its brim in **Banaskantha** district.

Rajasthan

Alert for water level rise may be kept in river west Banas in **Sirohi** district. 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
Dholpur	Dholpur	Chambal	Severe	Rising
Sirohi	Abu Road	West Banas	Above Normal	Rising
Kota	Kota City	Chambal	Above Normal	Steady

Madhya Pradesh

Narmada and its tributaries 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
Khandwa	Mortakka	Narmada	Severe	Steady
Rajgarh	Burhanpur	Tapi	Above Normal	Falling

Telangana

Due to water contribution from rivers Wardha and Wainganaga, the Godavari river in the state is still in severe to above normal flood situation specially in lower regions of Godavari in the state. The flood situation as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Mulugu	Perur	Godavari	Severe	Falling
Bhadradri	Bhadrachalam	Godavari	Severe	Falling
Mulugu	Etrunagaram	Godavari	Above Normal	Falling
Bhadradri	Dummagudem	Godavari	Above Normal	Falling
Bhupalpally	Kaleswaram	Godavari	Above Normal	Falling

Andhra Pradesh

Godavari river is flowing in Severe to above normal flood situation in **Alluri Sitarama Raju and East Godavari** districts.

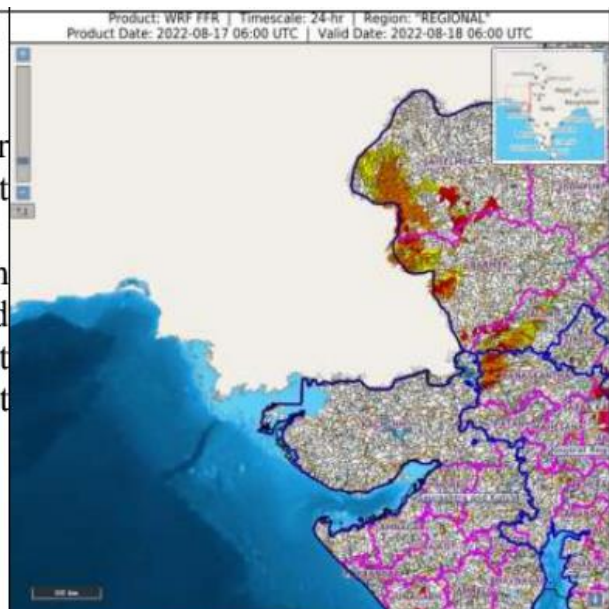
2.3. Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 18.08.2022:

Moderate to high Flash Flood Risk over Southwest part of West Rajasthan Met Sub-divisions likely in next 24 hours.

Moderate Flash Flood Risk over Kutch area of Saurashtra & Kutch, and adjoining northwest parts of Gujarat Region 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	18-08-2022	19-08-2022	20-08-2022	21-08-2022	22-08-2022
1	BHANDARA	WAINGANGA	BHANDARA	Maharashtra	S	S	S	N	N
2	NARAJ	MAHANADI	Cuttack	Odisha	S	S	S	S	S
3	JAGDALPUR	INDRAVATHI	BASTAR	CHHATTISGARH	S	S	S	S	S
4	KUNAVARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	S	N	N	N	N
5	PAUNI	WAINGANGA	BHANDARA	MAHARASHTRA	S	S	S	S	S
6	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
7	BENIBAD	BAGMATI	Muzaffarpur	Bihar	AN	AN	AN	AN	S
8	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	S	AN	AN
9	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	AN	AN	AN	AN	S
10	DHOLPUR	CHAMBAL	Dholpur	Rajasthan	S	AN	N	N	N
11	ANANDPUR	BAITRANI	Kendujhar	Odisha	AN	S	S	S	S
12	AKHUAPADA	BAITRANI	Jajapur	Odisha	S	S	S	S	S
13	MANDLA	NARMADA	Mandla	Madhya Pradesh	N	N	N	AN	S
14	GUNUPUR	VAMSADHARA	Rayagada	Odisha	AN	AN	S	S	S
15	KASHINAGAR	VAMSADHARA	Srikakulam	Andhra Pradesh	S	S	S	S	S
16	SRIKAKULAM	NAGAVALLI	Srikakulam	Andhra Pradesh	AN	AN	S	S	S
17	MATHANIRB	JAMIRA	Baleshwar	Odisha	S	S	S	S	S
18	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	AN	N	N	N	N
19	AYODHYA	GHAGRA	Faizabad	Uttar Pradesh	AN	AN	AN	AN	AN
20	BALTARA	KOSI	Khagaria	Bihar	AN	AN	AN	AN	AN
21	DARAUJI	GHAGRA	Siwan	Bihar	AN	AN	N	N	N
22	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	AN	AN	AN	AN	AN
23	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	AN	AN	AN	AN
24	JHANJHARPUR	KAMLA	Madhubani	Bihar	N	AN	AN	AN	AN
25	KAHALGAON	GANGA	Bhagalpur	Bihar	N	N	N	N	AN
26	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	AN	AN	AN	AN
27	KHAGARIA	BURHI GANDAK	Khagaria	Bihar	N	N	N	N	AN
28	KURSELA	KOSI	Katihar	Bihar	N	AN	AN	AN	AN
29	MATHURA_PG	YAMUNA	Mathura	Uttar Pradesh	AN	AN	AN	AN	N
30	PATNAGANDHIGHAT	GANGA	Patna	Bihar	N	N	N	N	AN
31	SRINAGAR	ALAKNANDA	Garhwal	Uttarakhand	N	N	AN	AN	AN

32	TURTIPAR	GHAGARA	Ballia	Uttar Pradesh	AN	AN	AN	AN	AN
33	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
34	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	AN	AN	AN
35	JAINAGAR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
36	BEKI_NH_CROSSING	BEKI	Barpeta	Assam	AN	AN	AN	AN	AN
37	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	N	N	N	AN	AN
38	NUMALIGARH	DHANSARI	Golaghat	Assam	N	N	N	AN	AN
39	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	N	N	N	N	AN
40	KODUMUDI	CAUVERY	Erode	Tamil Nadu	AN	AN	AN	AN	AN
41	MUSIRI	CAUVERY	Tiruchirappalli	Tamil Nadu	AN	AN	AN	AN	AN
42	BHARUCH	NARMADA	Bharuch	Gujarat	AN	N	N	N	N
43	SUBASH_BRIDGE	SABARMATI	Ahmadabad	Gujarat	AN	N	N	N	N
44	MANTRALAYAM	TUNGABHADRA	KurnoolÃ,Â	Andhra Pradesh	AN	AN	AN	AN	N
45	ARARIA	PARMAN	Araria	Bihar	N	N	AN	AN	AN
46	DOMOHANI	TEESTA	Jalpaiguri	West Bengal	AN	AN	N	N	N
47	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	AN	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 17thAugust2022

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 (Kar)/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	Bhavani/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	Sathanur Dam	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	Mahi Bajajsagar Dam	Mahi/ Mahi Basin	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					
46	Gandhisagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
47	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
48	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
49	Barna	Barna/Middle Narmada/Narmada	MP	Raisen/Hoshangabad,Narsinghpur					
50	Indira Sagar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
51	Upper Wainganga	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
52	Sardar Sarovar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	Guj	Narmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
53	Kadana Dam	Mahi/Middle Mahi/Mahi Basin	Guj	Banswara (Raj)/Mahisagar,Panchmahals(Guj)					
54	Dharoi Dam	Sabarmati /Middle Sabarmati/Sabarmati Basin	Guj	Sabarkantha/Mehsana (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.