



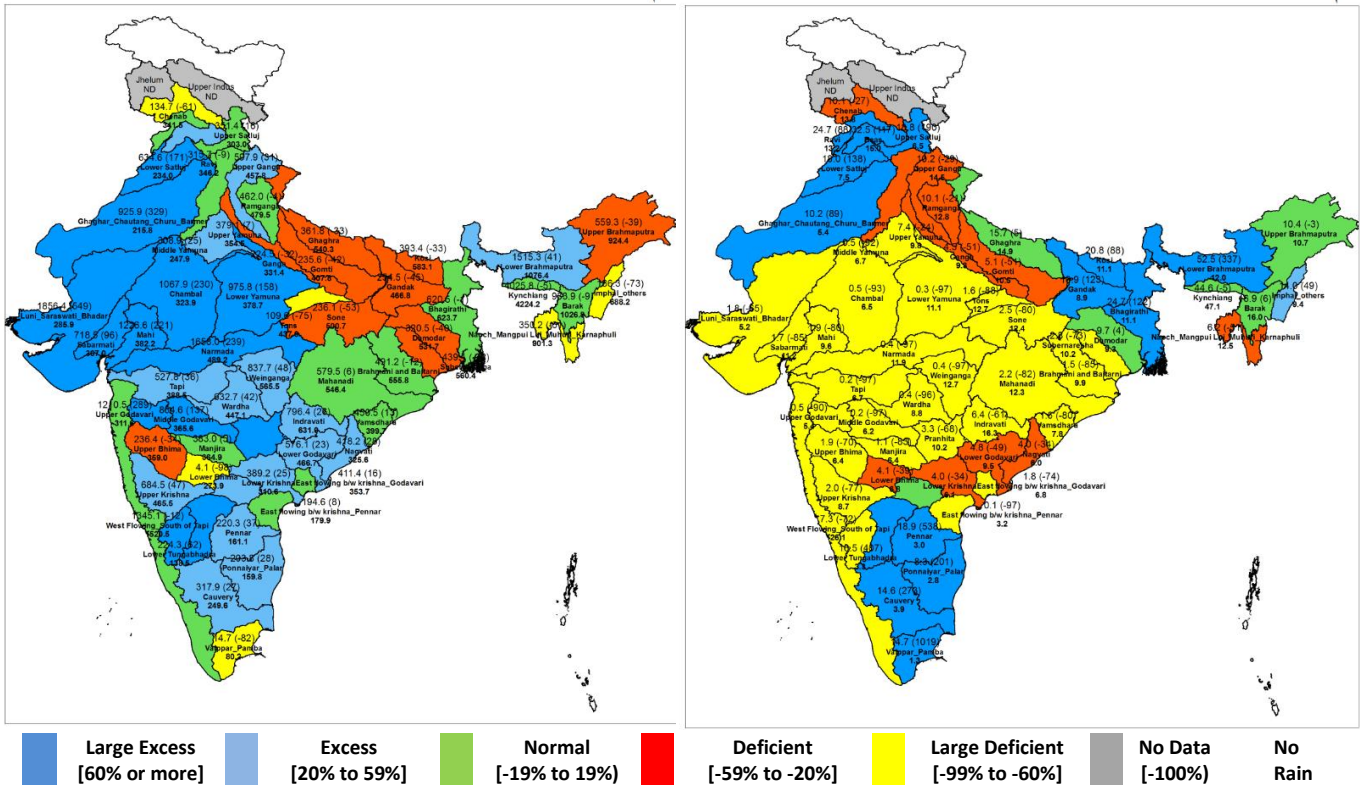
Central Water Commission
Daily Flood Situation Report cum Advisories
01-08-2022

1.0 Rainfall Situation

1.1 Basin wise departure from normal of cumulative and daily rainfall

RIVER BASIN RAINFALL MAP : INDIA
 Period :01-06-2022 To 01-08-2022

RIVER BASIN RAINFALL MAP : INDIA
 Date :01-08-2022

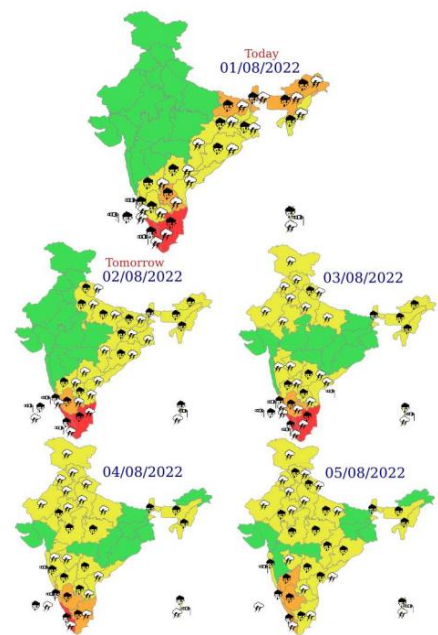


Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)
 b) Percentage departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 01st August 2022 (Midday) by IMD



- i) Isolated extremely heavy rainfall over Tamil Nadu, Puducherry & Karaikal during 01st-03rd; Kerala & Mahe during 01st-04th; South Interior Karnataka on 03rd & 04th; Coastal Karnataka on 04th & 05th August, 2022.
- ii) Isolated very heavy rainfall over Bihar, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya and Rayalaseema on 01st; Coastal & South Karnataka during 02nd-05th; North Interior Karnataka on 05th and over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 01st-04th August, 2022.



2.0 Flood Situation and Advisories

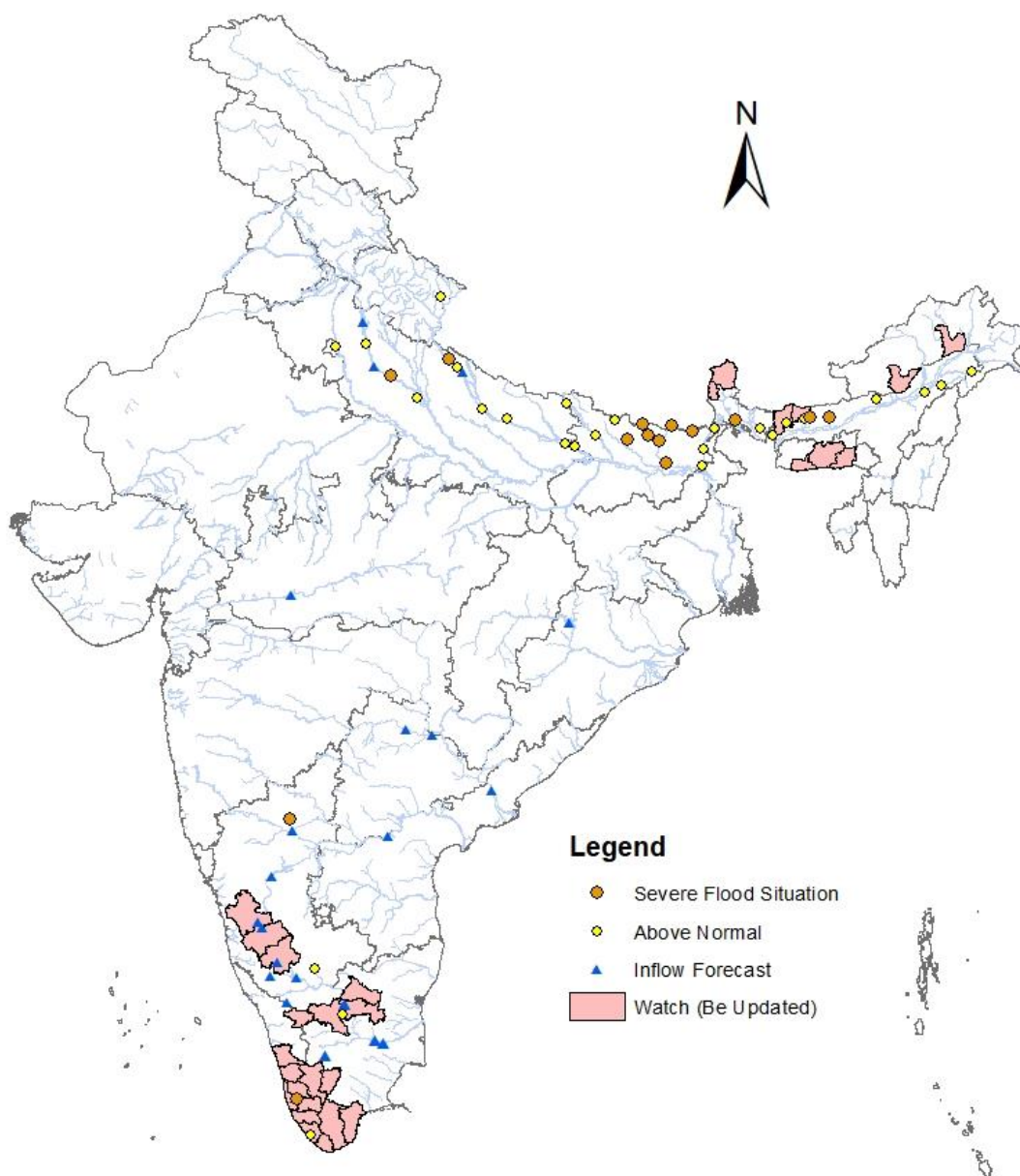
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 01st August 2022, 11 stations (7 in Bihar, 2 in Assam and 1 each in Uttar Pradesh & West Bengal) are flowing in Severe Flood Situation, 20 stations (6 each in Bihar, Uttar Pradesh & Assam, 1 in West Bengal and Delhi) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 19 Barrages & Dams (5 in Karnataka, 4 in Tamilnadu, 3 each in Andhra Pradesh, Uttar Pradesh & Telangana and 1 in Odisha).

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)	20
Total number of sites above Warning Level (A+B+C)		31
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)		19

Details are given at link: http://www.cwc.gov.in/sites/default/files/cfrcwcdfb01.08.2022_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Kerala

IMD has predicted extremely heavy rains in **Ernakulam, Kottayam, Idukki, Alappuzha, Kottayam, Pathanamthitta, Kollam and Trivandrum** and very heavy rains in **Kannur, Kozhikode, Malappuram, Palakkad and Thrissur** districts for next 3 to 4 days. Alert for water level rise may be kept in Meenachil, Manimala, Pamba, Thodupuzha, Muvattupuzha, Periyar, Achankovil, Kallada, Vamanapuram, their tributaries and other small rivers of above said districts. Increased inflow is expected into Idukki and Edamalaray dams. Dams with high storages are listed below.

Project (District)	Storage (%)	Project (District)	Storage (%)
Ponmudi (Idukki)	94.9	Kallarkutty (Idukki)	93.6
Lower Periyar (Idukki)	100	Sholayar (Thrissur)	83.0
Kundala (Idukki)	87.9	Neyyar (Thiruvananthapuram)	82
Chimoni (Thrissur)	81	Siruvani (Palakkad)	80
Mangalam (Palakkad)	80	Meenkara (Palakkad)	79
Banasura (Wyanad)	78.7	Poringalkuttu (Thrissur)	79.2
Malamkkara (Idukki)	75	Kanjirapuzha (Palakkad)	71

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.

Tamilnadu

IMD has predicted very heavy rains in districts **Nilgris, Coimbatore, Thiruppur, Dindigul, Madurai and Virudhunagar**, IMD has predicted extremely heavy rains over **Theni, Thenkasi, Thirunelveli and Kanyakumari** for next 2 to 3 days hence alert for water level rise may be kept in rivers Cauvery, Parambikulam, Aliyar, Vaigai, Vaippar, Thamirabharani and the tributaries of said rivers in above said districts. Major dams with high storages are as follows:

Project	Storage	Project	Storage
Mettur	100.1	Bhavanisagar	89.7
Vaigai	87.9	Krishnagiri	83.9
Sathanur	71.9	Sholayar	101.68
Parambikulam	94.06	Aliyar	87.2

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.

Karnataka

IMD has predicted very heavy rains in districts Uttara Kannada, Shimoga, Udupi, Chikmangalur, Hassan, Dakshin Kannada, Kodagu. Alert for water level rise may be kept in rivers Kalinadi, Sharavati, Kumaradhara, Netravathi, Bedthi, Aghanashini, Cauvery, Krishna and other small rivers in above said districts. Projects such as Harangi, KRS, Kabini, Hemavathy are having high storages hence dams may be operated as per SOP and releases from the said dams may be done as per SOP after informing lower riparian areas.

Bihar

Since very heavy rains have been recorded in Nepal portion of Gandak river hence, alert for water level rise may be kept in Gandak and its tributaries in districts **West and East Champaran, Gopalganj and Siwan**.

3.0 Advisory Flood Forecast for next 5-days

S.No.	Station	River	District	State	02-08-2022	03-08-2022	04-08-2022	05-08-2022	06-08-2022
1	BENIBAD	BAGMATI	Muzaffarpur	Bihar	S	S	S	S	S
2	KARIMGANJ	BARAK	Karimganj	Assam	AN	AN	AN	S	S
3	AYODHYA	GHAGRA	Faizabad	Uttar Pradesh	AN	AN	AN	S	S
4	BALTARA	KOSI	Khagaria	Bihar	S	S	S	S	S
5	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
6	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	S	S	S	S	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	S	S
10	SIKANDARPUR	BURHI GANDAK	Muzaffarpur	Bihar	N	N	N	S	S
11	TURTIPAR	GHAGARA	Ballia	Uttar Pradesh	AN	AN	AN	S	S
12	JAINAGAR	KAMLA	Madhubani	Bihar	S	S	S	S	S
13	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	S	S	S	S	S
14	NANGLAMORAGHAT	DESANG	Sivasagar	Assam	AN	S	S	S	AN
15	ANNA_PURNA_GHAT	BARAK	Cachar	Assam	N	N	AN	S	S
16	MATIZURI	KATAKHAL	Hailakandi	Assam	N	N	N	S	AN
17	BADARPGHAT	BARAK	Karimganj	Assam	N	N	N	S	S
18	NELLORE	PENNAR	Sri Potti Sriramulu Nellore	Andhra Pradesh	N	N	AN	S	S
19	AKHUAPADA	BAITRANI	Jajapur	Odisha	AN	S	S	N	AN
20	ARARIA	PARMAN	Araria	Bihar	S	S	AN	AN	AN
21	NEELEESWARAM	PERIYAR	Ernakulam	Kerala	N	N	S	N	N
22	MALAKKARA	PAMBA	Pathanamthitta	Kerala	N	N	S	AN	N
23	AHIRWALIA	BURHI GANDAK	Purba Champaran	Bihar	N	N	N	AN	AN
24	GORAKHPUR BIRDPGHAT	RAPTI	Gorakhpur	Uttar Pradesh	N	N	N	AN	AN
25	DARAULI	GHAGRA	Siwan	Bihar	AN	AN	AN	AN	AN
26	DELHI_RLY_BRG	YAMUNA	North	NCT of Delhi	AN	AN	AN	N	AN
27	DHENGGRAGHAT	MAHANANDA	Purnia	Bihar	AN	AN	AN	AN	AN
28	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	AN	AN	AN	AN
29	GARHMUKTESHWAR	GANGA	Jyotiba Phule Nagar	Uttar Pradesh	AN	AN	AN	AN	AN
30	HARIDWAR	GANGA	Hardwar	Uttarakhand	N	N	N	AN	AN
31	HATHIDAH	GANGA	Patna	Bihar	N	N	AN	AN	AN
32	HAYAGHAT	BAGMATI	Darbhanga	Bihar	N	N	N	AN	AN
33	JHAWA	MAHANANDA	Katihar	Bihar	AN	N	N	AN	N

34	KAHALGAON	GANGA	Bhagalpur	Bihar	N	N	N	AN	AN
35	KAMTAUL	ADHWARA	Darbhangha	Bihar	N	N	N	AN	N
36	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	AN	N	AN	N
37	KHAGARIA	BURHI GANDAK	Khagaria	Bihar	N	N	N	AN	AN
38	KURSELA	KOSI	Katihar	Bihar	N	N	N	AN	AN
39	PATNAGANDHIGHAT	GANGA	Patna	Bihar	N	AN	AN	AN	AN
40	RISHIKESH	GANGA	Dehradun	Uttarakhand	N	N	N	AN	AN
41	ROSERA	BURHI GANDAK	Samastipur	Bihar	N	N	N	AN	AN
42	SAMASTIPUR	BURHI GANDAK	Samastipur	Bihar	N	N	N	AN	N
43	SRINAGAR	ALAKNANDA	Garhwal	Uttarakhand	N	N	N	AN	AN
44	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
45	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	AN	AN	AN	AN	AN
46	TAIBPUR	MAHANANDA	Darbhangha	Bihar	AN	AN	AN	AN	N
47	BEKI NH CROSSING	BEKI	Barpeta	Assam	AN	AN	AN	AN	AN
48	KHOWANG	BURIDEHING	Dibrugarh	Assam	N	AN	AN	AN	N
49	DIBRUGARH	BHRAMPUTRA	Dhemaji	Assam	N	N	N	AN	AN
50	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	AN	AN	AN	AN	AN
51	NEAMATIGHAT	BHRAMPUTRA	Jorhat	Assam	AN	AN	AN	AN	AN
52	NUMALIGARH	DHANSARI	Golaghat	Assam	AN	N	N	N	AN
53	SHIVSAGAR	DIKHOW	Shivsagar	Assam	N	N	AN	N	N
54	TEZPUR	BHRAMPUTRA	Sonitpur	Assam	N	N	N	AN	N
55	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	AN	AN	AN	N	N
56	KOKRAJHAR	GAURANG	Kokrajhar	Assam	AN	AN	N	AN	N
57	NH_X_RANGANADI	RANGANADI	Lakhimpur	Assam	AN	AN	AN	AN	N
58	MUSIRI	CAUVERY	Tiruchirappalli	Tamil Nadu	N	N	AN	AN	N
59	KASHINAGAR	VAMSADHARA	Srikakulam	Andhra Pradesh	N	AN	AN	N	N
60	MANTRALAYAM	TUNGABHADRA	Kurnool	Andhra Pradesh	AN	AN	AN	N	N
61	DOMOHANI	TEESTA	Jalpaiguri	West Bengal	AN	N	AN	AN	AN
62	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	AN	AN	AN
63	GHUGUMARI	TORSA	Coochbehar	West Bengal	N	N	AN	N	N

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

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 01st August 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	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	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, Yaadgir					
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	Chikmagaluru/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	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	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (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.