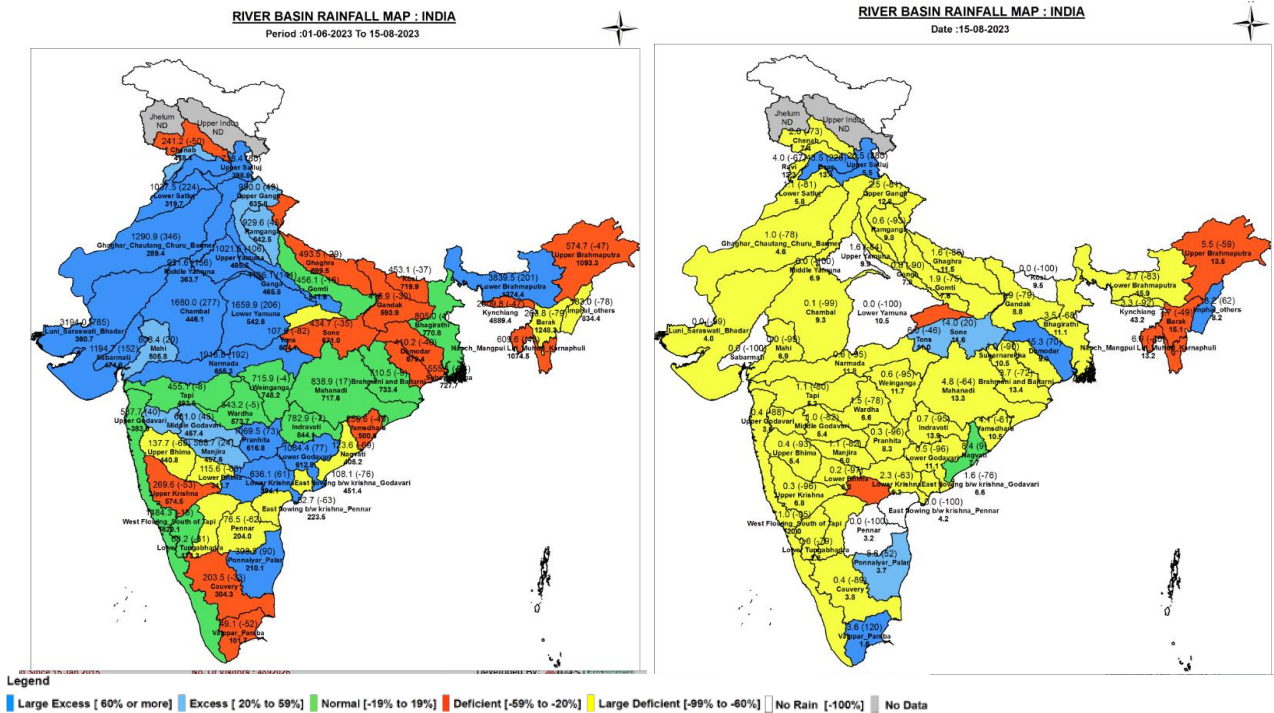




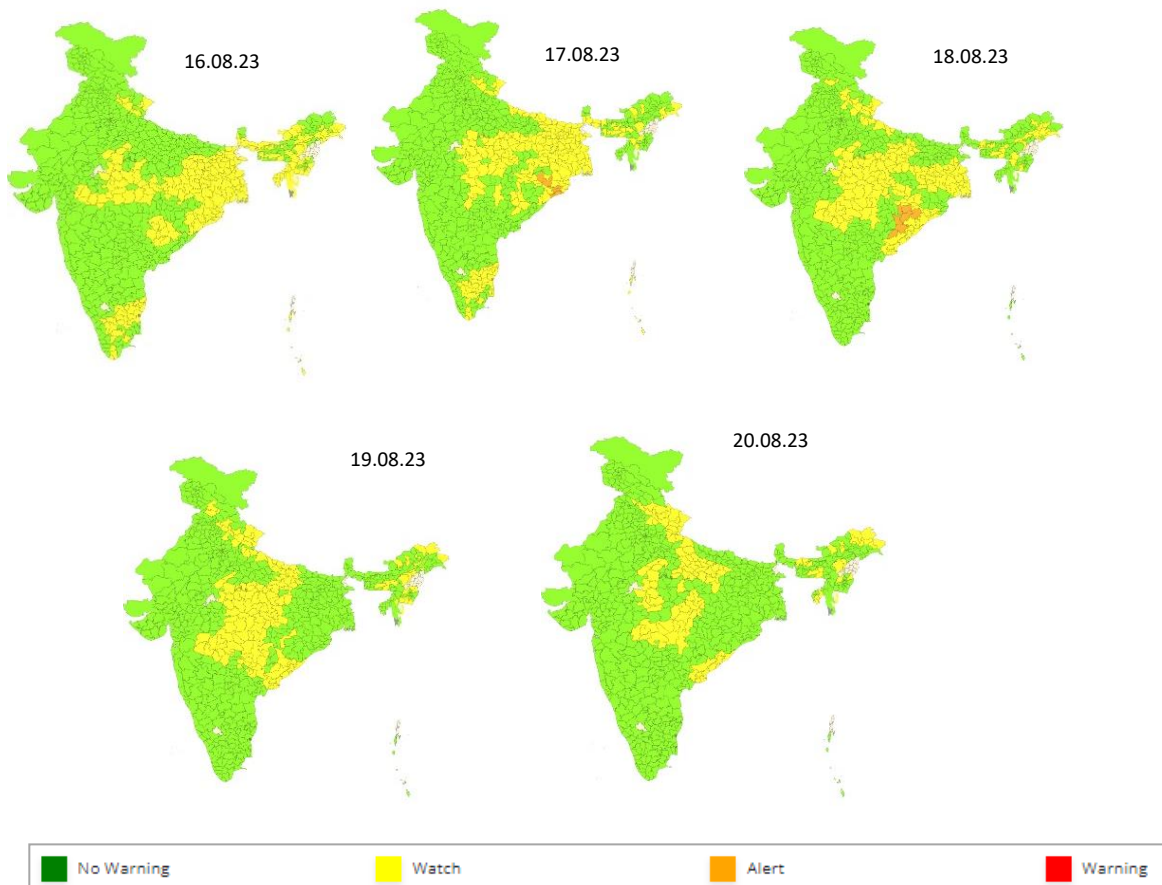
Central Water Commission
Daily Flood Situation Report cum Advisories
16-08-2023

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 16th August 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

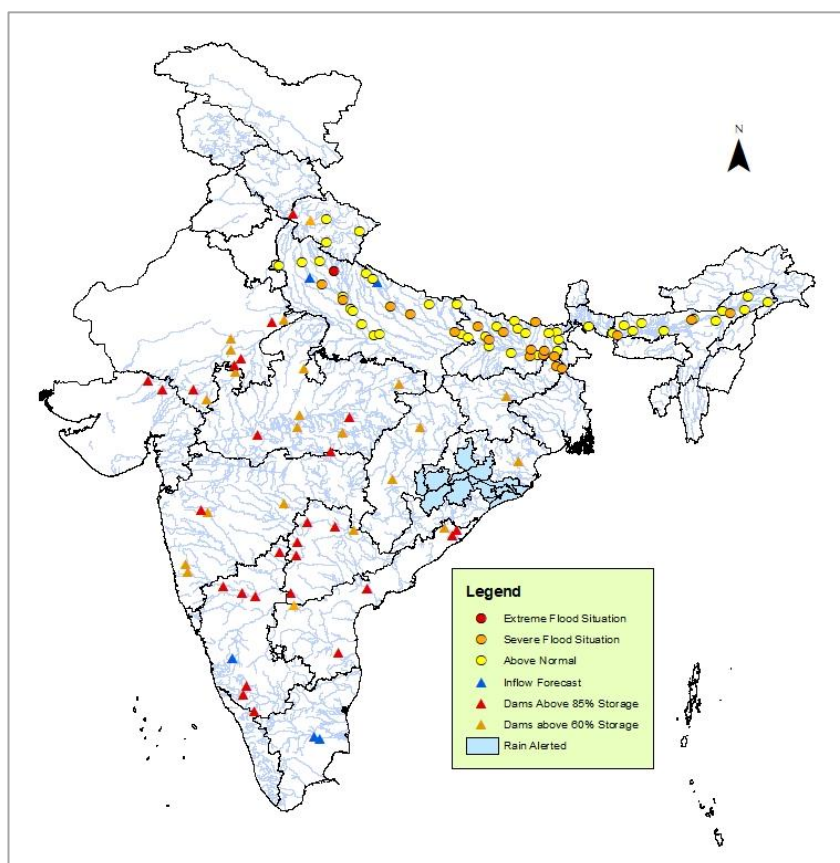
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 16th August 2023, 15 stations (5 each in Bihar and Uttar Pradesh, 3 in Assam and 1 each in West Bengal and Jharkhand) are flowing in Severe Flood Situation, 35 stations (14 in Bihar, 10 in Assam, 9 in Uttar Pradesh, 1 each in Delhi and West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 7 Dams and Barrages (3 in Uttar Pradesh and 2 each in Tamil Nadu 1 each in Karnataka and Uttarakhand).

FLOOD SITUATION SUMMARY			
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)		0
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	Assam(3), Bihar(5), Jharkhand(1), Uttar Pradesh(5), West Bengal(1)	15
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(10), Bihar(14), Delhi(1), Uttar Pradesh(9), West Bengal(1)	35
Total number of sites above Warning Level (A+B+C)			50
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)		Karnataka(1), Tamil Nadu(2), Uttar Pradesh(3), Uttarakhand(1)	7

Details are given at link: https://cwc.gov.in/sites/default/files/cfcrwcdfb16.08.2023_11.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Odisha

Due to formation of Upper Cyclonic Circulation over NE and Adjoining East Central Bay of Bengal, the rainfall has increased over Odisha. As per IMD increased rainfall is expected in districts **Sambalpur, Anugul, Cuttack, Khordha and Puri**. Alert for water level rise may be kept in Mahanadi, Brahmani and other small rivers over the region.

Uttarakhand and Uttar Pradesh

As per CWC network sites Chhinka (Chamoli, Alaknanda), Rishikesh (Dehradun, Ganga stem river) are in Above normal flood situation. Projects such as Tehri dam (Tehri Garhwal dist) and projects of adjoining Uttar Pradesh such as Ch. Charan Singh Madhya Ganga barrage are getting increased inflow. Past day's flood wave created in Uttarakhand regions of Ganga is travelling downstream and water level in main Ganga in districts Hapur, Buland Shahar, Budaun, Farrukhabad, Kanpur nagar, Kannauj, Raibareli districts are in rising stage and severe to above normal flood situation is observed in these districts. The water levels at CWC site Kachhlabridge is expected to cross extreme flood situations in Budaund district 17.08.2023 morning.

Current flood situation in the state as per CWC network is as follows:

Uttarakhand

CWC Site	River	District	Flood Type	Trend in Water Level
Betalghat	Kosi	Nainital	Above Normal	Steady

Uttar Pradesh

CWC Site	River	District	Flood Type	Trend in Water Level
Basantpur	Ganga	Bijnor	Extreme	Rising
Fatehgarh	Ganga	Farukhabad	Severe	Steady
Narora	Ganga	Bulandsahar	Severe	Steady
Ayodhya	Ghaghra	Faizabad	Severe	Steady
Kachhlabridge	Ganga	Badaun	Severe	Steady
Turtipar	Ghaghra	Ballia	Severe	Rising
Elginbridge	Ghaghra	Barabanki	Severe	Falling
Dalmou	Ganga	Raibareli	Above Normal	Steady
Khadda	Gandak	Kushi Nagar	Above Normal	Steady
Ankinghat	Ganga	Kanpur	Above Normal	Rising
Bhitauna	Ganga	Fatehpur	Above Normal	Steady
Garhmukteshwar	Ganga	Ghaziabad	Above Normal	Rising
Gumtia/Kannauj	Ganga	Kannauj	Above Normal	Rising
Kanpur	Ganga	Kanpur	Above Normal	Steady
Moradabad	Ramganga	Moradabad	Above Normal	Rising
Dabri	Ramganga	Shahjhanpur	Above Normal	Steady
Sharadanagar	Sarda	Kheri	Above Normal	Rising

Bihar

Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Sultanganj	Ganga	Bhagalpur	Severe	Steady
Kahalgaon	Ganga	Bhagalpur	Severe	Falling
Azmadabad	Ganga	Bhagalpur	Severe	Steady
Kursela	Kosi	Katihar	Severe	Steady
Baltara	Kosi	Khagaria	Severe	Falling
Benibad	Ganga	Muzaffarpur	Severe	Falling

Birpur	Kosi	Saharsa	Severe	Steady
Dumariaghat	Gandak	Gopalganj	Severe	Falling
Lalganj	Gandak	Vaishali	Severe	Steady
Labha	Mahananda	Kathiar	Severe	Falling
Bhagalpur	Ganga	Bhagalpur	Above Normal	Steady
Darauli	Ghaghra	Siwan	Above Normal	Steady
Dhengraghat	Mahananda	Purnea	Above Normal	Steady
Gandhighat	Ganga	Patna	Above Normal	Steady
Khagaria	Burhi Gandak	Khagaria	Above Normal	Steady
Rewaghat	Gandak	Vaishali	Above Normal	Rising
Jhanjharpur	Kamla Balan	Madhubani	Above Normal	Rising

Assam

Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Bhomoraguri (Tezpur)	Brahmaputra	Sonitpur	Severe	Steady
Dhubri	Brahmaputra	Dhubri	Severe	Steady
Neamatighat	Brahmaputra	Jorhat	Severe	Falling
Bogibil/Badatighat	Subansiri	Lakhimpur	Above Normal	Steady
DC Court Guwahati	Brahmaputra	Kamrup	Above Normal	Steady
Beki Road Bridge	Beki	Barpeta	Above Normal	Steady
Numaligarh	Dhansiri	Golaghat	Above Normal	Steady
Kokrajhar	Gaurang	Kokrajhar	Above Normal	Rising
Margherita	Buridehing	Tinsukia	Above Normal	Rising
Golokganj	Sankosh	Dhubri	Above Normal	Steady

West Bengal

Current flood situation in the state as per CWC network is as follows

Station_Name	RiverName	District	Flood Type	Trend in WL
Farakka	Ganga	Murshidabad	Severe	Steady
Mekhliganj	Teesta	Coochbehar	Above Normal	Rising

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 17-08-2023 :

No Flash Flood Risk likely in next 24 hours.



3.0 Advisory Flood Forecast for next 7-days in Table form

The flood situational Flood Forecasting Stations likely to be above warning level for next 7 days

S.No	Station	River	District	State	17-08-2023	18-08-2023	19-08-2023	20-08-2023	21-08-2023	22-08-2023	23-08-2023
1	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	S	S	S	S	S	S	S
2	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	AN	S	S	S	S	S
3	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	S	S	S	S	S	S	S
4	BALTARA	KOSI	KHAGARIA	Bihar	S	S	S	S	S	S	S
5	DARAUJI	GHAGRA	SIWAN	Bihar	S	S	S	S	S	S	S
6	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	S	S	S	AN	AN	AN	AN
7	FATEHGARH	GANGA	FARRUKHABAD	Uttar Pradesh	S	S	S	S	S	S	S
8	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	S	S	S	S	S	S	S
9	KAHALGAON	GANGA	BHAGALPUR	Bihar	S	S	S	S	AN	AN	AN
10	KURSELA	KOSI	KATIHAR	Bihar	S	S	S	S	S	AN	AN
11	SAHIBGANJ	GANGA	SAHIBGANJ	Jharkhand	S	S	S	S	S	AN	AN
12	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	S	S	S	S	S	S	S
13	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	S	S	S	AN	AN	AN	AN
14	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	S	S	S	S	S	S	S
15	FARAKKA (FF)	GANGA	MURSHIDABAD	West Bengal	S	S	S	S	S	S	S
16	ARARIA	PARMAN	ARARIA	Bihar	AN	S	S	AN	AN	AN	AN
17	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	AN	AN	AN	S	S	S
18	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	AN	S	S	S	S	S	S
21	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	S	S	S
22	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	AN	S	S	S	S	S	S
23	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	S	S	S	S	S	S	S
24	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	AN	AN	S	S	S	S	S
25	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	S	S	AN	S	S	S	S
26	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	S	S	S
29	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
32	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN

34	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
37	DHENGRAGHAT	MAHANANDA	PURNIA	Bihar	AN	AN	AN	AN	AN	AN	AN
39	GANGPUR SISWAN	GHAGRA	SIWAN	Bihar	AN	AN	AN	AN	AN	AN	AN
41	HATHIDAH	GANGA	PATNA	Bihar	AN	AN	AN	AN	AN	AN	AN
44	JHAWA	MAHANANDA	KATIHAR	Bihar	AN	AN	AN	AN	AN	AN	AN
45	KAMTAUL	ADHWARA	DARBHANGA	Bihar	AN	AN	AN	AN	AN	AN	AN
46	KANNAUJ	GANGA	KANNAUJ	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
47	KANPUR	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
48	KHADDA	GANDAK	KUSHINAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
49	KHAGARIA	BURHI GANDAK	KHAGARIA	Bihar	AN	AN	AN	AN	AN	AN	AN
50	GANDHIGHAT	GANGA	PATNA	Bihar	AN	AN	AN	AN	AN	AN	AN
51	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	AN	AN	AN	AN	AN	AN	AN
54	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	AN	AN	AN	AN	AN	S	AN
55	JAINAGAR	KAMLA	MADHUBANI	Bihar	AN	AN	AN	AN	AN	AN	AN
56	MORADABAD	RAMGANGA	MORADABAD	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
57	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	AN	AN	AN	AN	S
58	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN	S	S
59	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN	AN	AN
60	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	AN	AN	AN	AN
61	KOKRAJHAR	GAURANG	KOKRAJHAR	Assam	AN	AN	AN	AN	AN	AN	AN
67	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	AN	AN	AN	AN	AN	AN
68	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	AN	AN	AN	S	S

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 16th August 2023

Reservoir Position

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	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					
2	Sripada Yellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/Jaishankar Bhupalpally					
3	Singur Dam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
4	Laxmi Barrage	Godavari/Lower Godavari/Godavari Basin	Tel	Jaishankar Bhupalpally/Peddapalli/Mulugu					
5	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/Jogalamba Gadwal(Telangana)					
6	Sriramasagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherial(Telangana)					
7	Nizamsagar Dam	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
8	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
9	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
10	Prakasam Barrage	Krishna/Krishna	AP	Krishna /Guntur					
11	Pulichintala Dam	Krishna/Lower Krishna/Krishna	AP	Nalgonda(Tel)/Guntoor, Krishna(AP)					
12	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/Jogalamba Gadwal(Telangana)					
13	Narayanapuram Anicut	Nagavali/East flowing rivers between Mahanadi and Pennar	AP	Srikakulam					
14	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar) Bidar					
15	Kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Kar)/Mysuru(Kar)					
16	Harangi Dam	Harangi/Harangi/Cauvery	Kar	Kodagu/Mysuru, Hassan					
17	Hemavathy Dam	Hemavathy/Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
18	Krishnarajasagar	Cauvery/Upper Cauvery	Kar	Mandya					
19	Bhadra Dam	Bhadra/Upper Tungabhadra/Krishna	Kar	Chikmagalur/Shimoga					
20	Almatti Dam	Krishna/Upper Krishna/Krishna	Kar	"Kolhapur(Maharashtra)/ Bagalkote(Karnataka)"					
21	Narayanpur Dam	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/Raichur, Yadgir					
22	Tungabhadra Dam	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
23	Hipparagi Barrage	Krishna/ Krishna	Kar	Bagalkot, Koppal, Raichur					
24	Singatalur Barrage	Tungabhadra/ Krishna /Krishna	Kar	Gadag, Vijayanagara, Dharwad					
25	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
26	Dantiwada Dam	Banas/Western Flowing River (Kutch & Saurashtra)	Guj	Banaskantha					
27	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					

28	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
29	Sardar Sarovar Dam	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Nrmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
30	Ukai Dam	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
31	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
32	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
33	N M D Weir	Godavari/Upper Godavari/Godavari	Mah	Nasik ,Ahmadnagar					
34	Totladoh Project	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
35	Warana Dam	Warna river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
36	Issapur/Upper Penganga Project	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
37	Mula Dam	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
38	Koyna Dam	Koyna/Upper Krishna/Krishna	Mah	Satara					
39	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
40	Kota Barrage	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
41	Bisalpur Dam	Banas/Upper Chambal/Ganga	Raj	Bhilwara/Tonk					
42	Gudha Dam	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
43	SomKamlaAmba Dam	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
44	Mahi Bajajsagar Dam	Mahi/Mahi B/Mahi	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					
45	Panchana Dam	Gambhiri/Upper Chambal/Ganga	Raj	Karauli,Bharatpur					
46	Parwati Weir	Parbati/Upper Chambal/Ganga	Raj	Dholpur					
47	Bargi Dam	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
48	Pench Reservoir	Pench/Godavari	MP	Chhindwara/Seoni					
49	Barna Dam	Barna/Middle Narmada/Narmada	MP	Raisen					
50	Sanjay Sarovar Project(U wen Pro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
51	Gandhisagar Dam	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
52	Indira Sagar Dam	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
53	Tawa Dam	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
54	Bansagar	Sone/ Upper Sone/Ganga	MP	Shahdol					
55	Rajghat Dam	Betwa/Betwa/Ganga	MP	Ashok Nagar					
56	Tehri Dam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/Tehri Garhwal/PauriGarhwal					
57	Ichari Dam	Tons/Yamuna/Ganga	UK	Dehradun/Nahan(HP)					
58	Ravishankar Dam	Mahanadi/Upper Mahanadi/Mahanadi	Chhatisgarh	Kanker/Dhamtari,Raipur					
59	Bango Dam	Hasdeo/Upper Mahanadi/Mahanadi	Chhatisgarh	Koriya,Korba/JanjgirChampa					
60	Salandi Dam	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
61	Tenughat Dam	Damodar/Damodar/Ganga	Jharkhand	Bokaro					

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

