



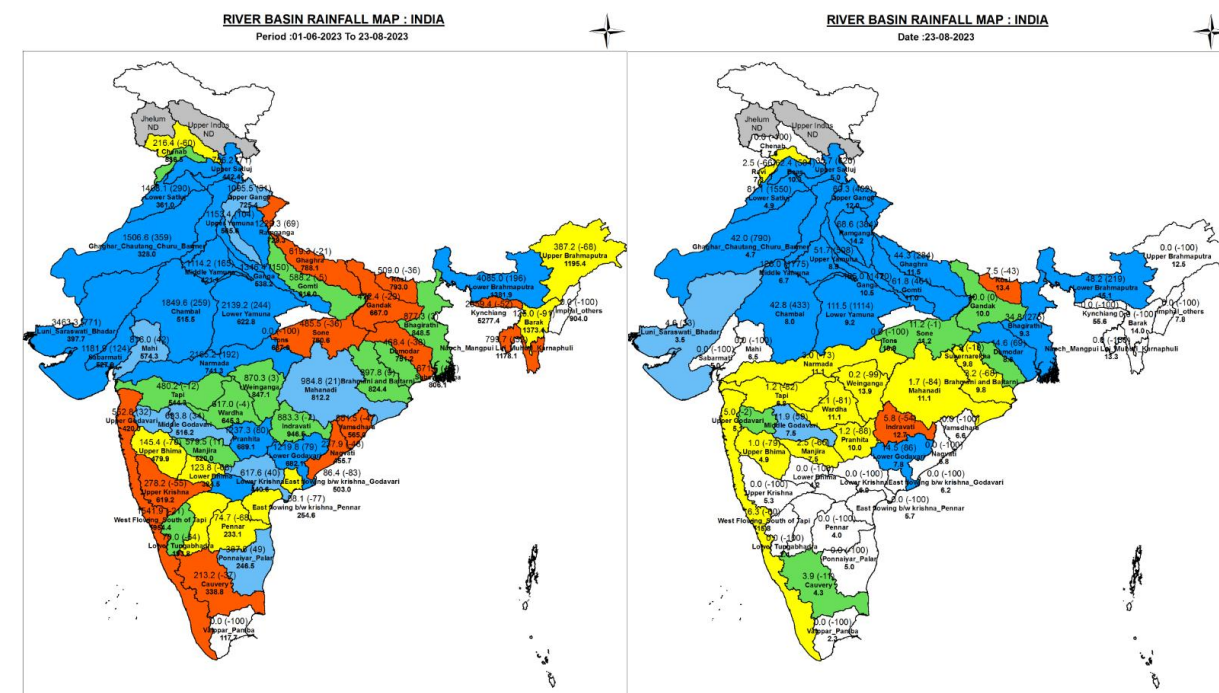
Central Water Commission

Daily Flood Situation Report cum Advisories

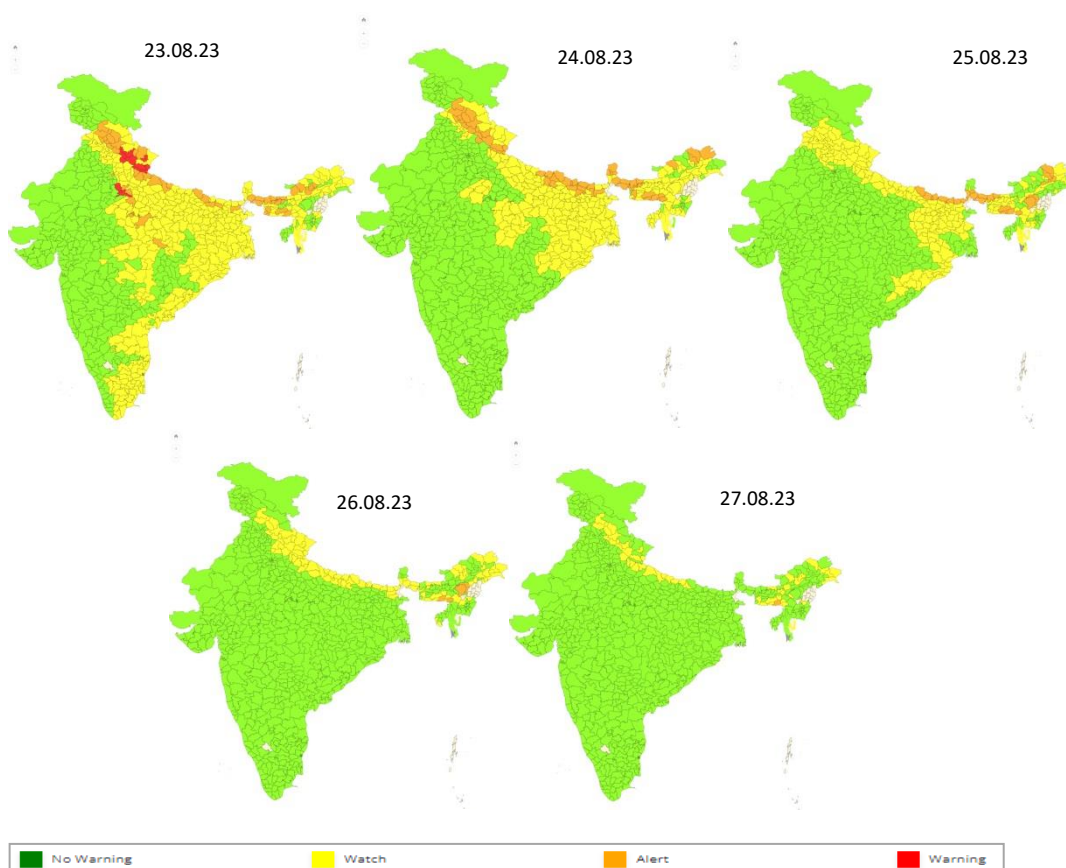
23-08-2023

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 23rd August 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

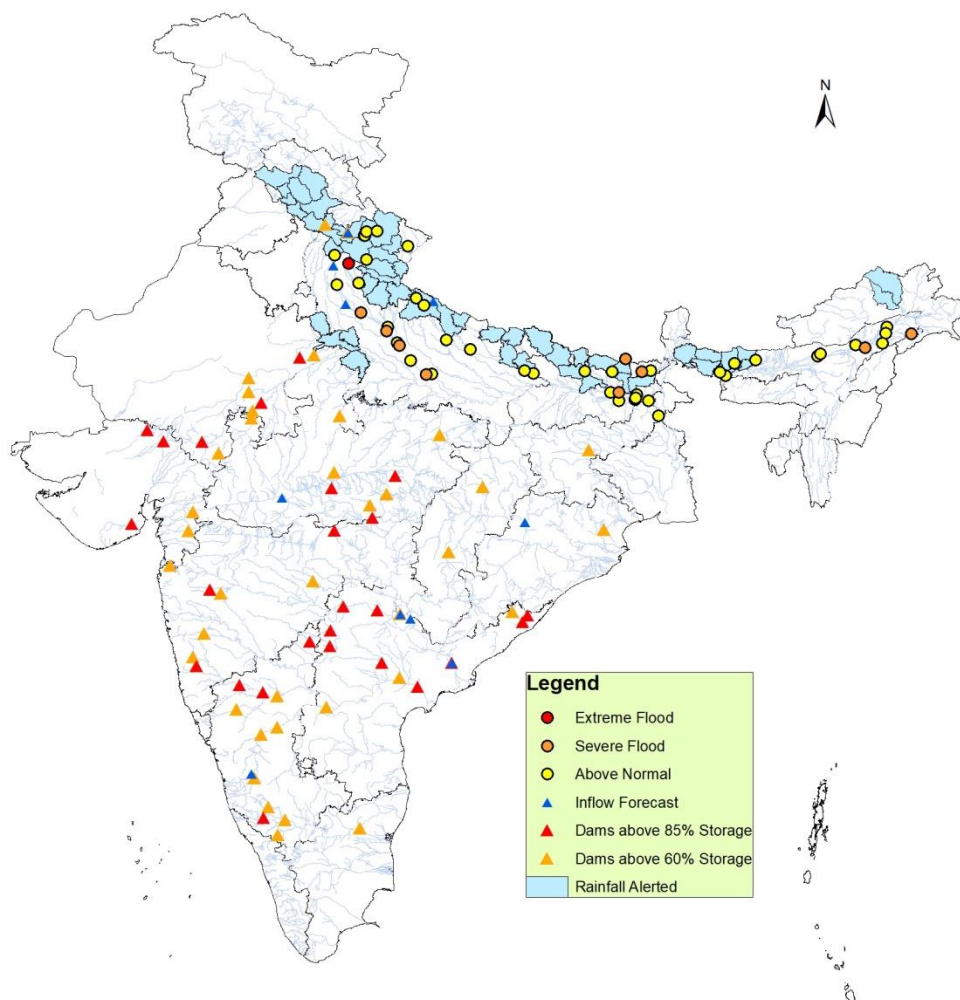
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 23rd August 2023, 7 stations (3 each in Uttar Pradesh & Bihar & 1 in Assam) are flowing in Severe Flood Situation, 27 stations (10 in Assam, 9 in Uttar Pradesh, 6 in Bihar and 1 each in West Bengal & Jharkhand) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 10 Dams and Barrages (3 in Uttar Pradesh, 2 in Telangana & 1 each in Karnataka, Madhya Pradesh, Andhra Pradesh, Odisha & Uttarakhand).

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(1), Bihar(3), Uttar Pradesh(3)	7
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(10), Bihar(6), Jharkhand(1), Uttar Pradesh(9), West Bengal(1)	27
Total number of sites above Warning Level (A+B+C)			34
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)		Andhra Pradesh(1), Karnataka(1), Madhya Pradesh(1), Odisha(1), Telangana(2), Uttar Pradesh(3), Uttarakhand(1)	10

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb23.08.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

As per IMD, due to shifting of Monsoon trough to north of its normal position and persistence of western disturbance over Long. 65°E to the north of Lat. 28°N, increased rainfall is expected over Himachal Pradesh, Uttarakhand, Most of the northern parts of U.P and Bihar, Sikkim, Sub-Himalayan West Bengal, Assam, Meghalaya and Arunachal Pradesh for next 2 to 3 days.

Himachal Pradesh

IMD has predicted very heavy to extremely heavy rainfall in the state. Hence alert for water level rise may be kept in rivers Yamuna (**Sirmaur, Shimla** dists.), Ghaggar (**Sirmaur, Solan** dists.), Sutlej (**Una, Bilaspur, Mandi, Kullu, Shimla, Solan** dists.), Beas (**Kangra, Mandi, Hamirpur, Kullu** dists.), Ravi (**Chamba** dist.).

Uttarakhand

As per IMD very heavy to extremely heavy rainfall are expected in districts of **Dehradun, Tehri Grahwal, Haridwar, Pauri Grahwal, Bageshwar, Rudraprayag, Chamoli, Bageshwar, Nainital, Champawat and Udham Singh Nagar** for next 2 to 3 days. Alert for water level rise may be kept in rivers Sharda, Ramganga, Tons, Alaknanda and rivers of upper Yamuna, Upper Ganga, and other small rivers over the region. Current flood situation in the state as per CWC network is as follows (In Above normal flood type only trend rising cases are included):

CWC Site	River	District	Flood Type	Trend in Water Level
Srinagar	Alaknanda	Pauri Garhwal	Above Normal	Rising
Kanjyoti	Dhuli Ganga	Pithoragarh	Above Normal	Rising
Raysi	Solani	Haridwar	Above Normal	Steady
Bangapani (Munsyari)	Gauri Ganga	Pithoragarh	Above Normal	Falling
Betalghat	Kosi	Nainital	Above Normal	Steady
Rudraprayag	Alaknanda	Rudraprayag	Above Normal	Falling
Birahi	Alaknanda	Chamoli	Above Normal	Falling

Sub Himalayan West Bengal

Very heavy rains are expected in **Jalpaiguri, Alipurduar, Coochbehar** districts and in Sikkim hence keep alert for water level rise in Torsa, Jaldhaka, Raidak rivers and their tributaries in above said districts.

Uttar Pradesh

As per IMD provided synoptic situation, model outputs and forecast, rainfall is expected to rise over Nepal, adjoining U.P and Bihar, moreover increased rainfall activity is predicted over Uttarakhand and Himachal Pradesh. Hence keep alert for water level rise in river Sharda (**Kheri** dist.), Ramganga (**Rampur, Bareilly, Pilhibhit, Pilhibhit** dists.), Ghaghra (**Bahraich** dists.), Gomti (**Pilhibhit** dists.), Rapti (**Shrawasti, Siddharth Nagar, Gorakhpur** dists.), Yamuna (**Mathura, Agra, Firozabad, Mahamayanagar** dists.), Rohin (**Maharajganj, Deoria** dist.), Gandak (**Kushinagar, Deoria** dist.). Current flood situation in the state as per CWC network is as follows (In Above normal flood type only trend rising cases are included):

CWC Site	River	District	Flood Type	Trend in Water Level
Nagina	Khoh	Bijnor	Extreme	Rising
Kachhla Bridge	Ganga	Badaun	Severe	Rising
Fatehgarh	Ganga	Farrukhabad	Severe	Falling
Bhitauna	Ganga	Fatehpur	Severe	Steady
Ankinghat	Ganga	Kanpur Nagar	Severe	Steady
Moradabad	Ramganga	Moradabad	Above Normal	Rising
Turtipar	Ghagra	Ballia	Above Normal	Rising

Dalmou	Ganga	Raebareilly	Above Normal	Rising
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Bihar

As per IMD provided synoptic situation, model outputs and forecast, rainfall is expected to rise over Nepal, adjoining U.P and Bihar. Very heavy rainfall is expected in district **East & West Champaran, Sitamarhi, Supaul, Purnea, Muzaffarpur, Darbhanga, Madhubani, Madhepura, Sheohar, Samastipur**. Keep alert for water level rise in northern tributaries of Ganga such as Gandak, Burhi Gandak, Bagmati, Adhwara, Kamalabalan and other small rivers in above said districts. Current flood situation in the state as per CWC network is as follows (In Above normal flood type only trend rising cases are included):

CWC Site	River	District	Flood Type	Trend in Water Level
Araria	Parman	Araria	Severe	Rising
Birpur	Kosi	Supaul	Severe	Steady
Baltara	Kosi	Khagaria	Severe	Steady
Chargharia	Mahananda	Kishanganj	Above Normal	Rising

Assam

Due to increased rainfall in Arunachal Pradesh and in districts **Kokrajhar, Chirang, Bongaigaon, Barpeta, Baksa, Bongaigaon, Nalbari** water level rise is expected in northern tributaries of Brahmaputra in above said districts and in main Brahmaputra in Middle and lower regions. Current flood situation in the state as per CWC network is as follows (In Above normal flood type only trend rising cases are included):

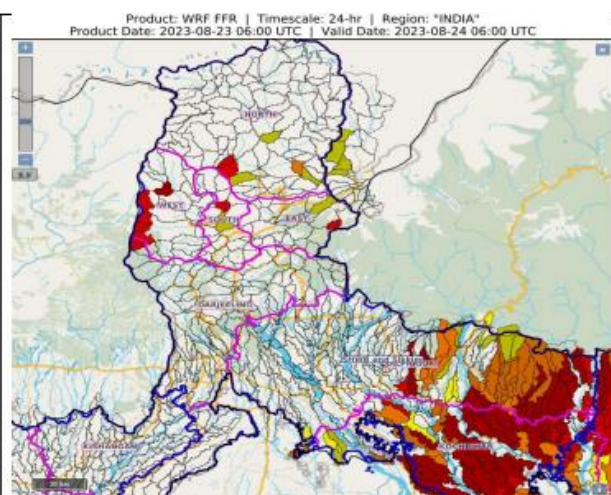
CWC Site	River	District	Flood Type	Trend in Water Level
Neamatighat	Brahmaputra	Jorhat	Severe	Rising
Margherita	Buridehing	Tinsukia	Severe	Falling
Badatighat	Subansiri	Lakhimpur	Above Normal	Rising
Nanglamoraghat	Desang	Sivasagar	Above Normal	Rising
Golokganj	Sankosh	Golokganj	Above Normal	Rising
Khowang	Buridehing	Dibrugarh	Above Normal	Rising

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 24-08-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **SHWB & Sikkim** Met Sub-divisions during next 24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence 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	24-08-2023	25-08-2023	26-08-2023	27-08-2023	28-08-2023	29-08-2023	30-08-2023
1	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	S	S	S	S	S	S	S
2	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	S	S	S	S	S	S	S
3	DALMAU	GANGA	RAIBARELI	Uttar Pradesh	AN	S	S	S	S	S	S
4	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	S	S	S	S	S	S	S
5	FATEHGARH	GANGA	FARRUKHABAD	Uttar Pradesh	S	S	S	S	S	S	S
6	KANNAUJ	GANGA	KANNAUJ	Uttar Pradesh	S	S	S	S	S	S	S
7	KANPUR	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	S	S	S	S	S	S
8	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	S	S	S	S	S
9	BALTARA	KOSI	KHAGARIA	Bihar	S	S	S	S	S	S	S
10	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
11	DHENGRAGHAT	MAHANANDA	PURNIA	Bihar	AN	S	S	S	S	S	AN
12	JHAWA	MAHANANDA	KATI HAR	Bihar	AN	S	S	S	S	S	AN
13	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	S	S	S	S	S	S	S
14	KAHALGAON	GANGA	BHAGALPUR	Bihar	AN	AN	AN	S	S	S	S
15	KHAGARIA	BURHI GANDAK	KHAGARIA	Bihar	AN	AN	AN	AN	S	S	S
16	KURSELA	KOSI	KATI HAR	Bihar	AN	AN	AN	S	S	S	S
17	SAHIBGANJ	GANGA	SAHIBGANJ	Jharkhand	AN	AN	AN	AN	S	S	S
18	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	AN	AN	AN	AN	AN	S	S
19	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	S	S	S	S	S	S	S
20	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	S	S	S	S	AN	AN	AN
21	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	AN	S	S	S	S	AN	AN

22	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	S	S	S	AN
23	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	S	S	S	S	S	AN	AN
24	DIBRUGARH	BRAHMAPUTR A	DIBRUGARH	Assam	AN	AN	S	AN	AN	AN	AN
25	GUWAHATI(D.C.COURT)	BRAHMAPUTR A	KAMRUP	Assam	AN	AN	S	S	S	S	S
26	NT ROAD CROSSING JIA- BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	S	S	AN	AN	AN
27	NEAMATIGHAT	BRAHMAPUTR A	JORHAT	Assam	S	S	S	S	S	S	S
28	TEZPUR	BRAHMAPUTR A	SONITPUR	Assam	S	S	S	S	S	S	S
29	DHUBRI	BRAHMAPUTR A	DHUBRI	Assam	AN	AN	AN	S	S	S	S
30	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
31	DARAULI	GHAGRA	SIWAN	Bihar	AN	AN	AN	AN	AN	AN	AN
32	GARHMUKTESHWAR	GANGA	HAPUR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
33	JHANJHARPUR	KAMALABALA N	MADHUBANI	Bihar	AN	AN	AN	AN	AN	AN	AN
34	REWAGHAT	GANDAK	MUZAFFARPU R	Bihar	AN	AN	AN	AN	AN	AN	AN
35	FARAKKA(FF)	GANGA	MURSHIDABA D	West Bengal	AN	AN	AN	AN	AN	AN	AN
36	GOALPARA	BRAHMAPUTR A	GOALPARA	Assam	AN	AN	AN	AN	AN	AN	AN
37	PAGLADIYA N T ROAD CROSSING	PAGLADIYA	NALBARI	Assam	AN	AN	AN	AN	AN	AN	AN

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 23rd 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	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
3	Singur Dam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
4	Laxmi Barrage	Godavari/LowerGodavari/Godavari Basin	Tel	JaishankarBhupalpally/Peddapalli/Mulugu					
5	Sriramasagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherial(Telangana)					
6	Nizamsagar Dam	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
7	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
8	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
9	Prakasam Barrage	Krishna//Lower Krishna/Krishna	AP	Krishna /Guntur					
10	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Tel)					
11	NarayanapuramAnicut	Nagavali/East flowing rivers between Mahanadi and Pennar	AP	Srikakulam					
12	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Tel)/Bidar(Kar)Bidar					

13	kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
14	Harangi Dam	Harangi/Harangi/Cauvery	Kar	Kodagu/Mysuru,Hassan					
15	Hemavathy Dam	Hemavathy/Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
16	Krishnarajasagar	Cauvery/Upper Cauvery	Kar	Mandya					
17	Bhadra Dam	Bhadra/Upper Tungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
18	Almatti Dam	Krishna/Upper Krishna/Krishna	Kar	"Kolhapur(Maharashtra)/ Bagalkote(Kar)"					
19	Tungabhadra Dam	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
20	Hipparagi Barrage	Krishna/ Krishna	Kar	Bagalkot,Koppal, Raichur					
21	Singatalur Barrage	Tungabhadra/ Krishna /Krishna	Kar	Gadag, Vijayanagara, Dharwad					
22	Malaprabha Dam	Malaprabha/Malaprabha/Krishna	Kar	Belgaum					
23	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
24	Dantiwada Dam	Banas/Western Flowing River (Kutch &Saurashtra)	Guj	Banaskantha					
25	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
26	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
27	Sardar Sarovar Dam	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Nrmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
28	Ukai Dam	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
29	Madhuban Dam	Damanganga/ Damanganga	Guj	Valsad (Guj)/Selvasa (UT of DNH)					
30	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
31	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					

32	N M D Weir	Godavari/Upper Godavari/Godavari	Mah	Nasik ,Ahmadnagar					
33	Totladoh Project	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
34	Warana Dam	Warna river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
35	Issapur/Upper Penganga Project	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
36	Mula Dam	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
37	Koyna Dam	Koyna/Upper Krishna/Krishna	Mah	Satara					
38	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
39	Kota Barrage	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
40	Bisalpur Dam	Banas/Upper Chambal/Ganga	Raj	Bhilwara/Tonk					
41	Gudha Dam	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
42	SomKamlaAmba Dam	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
43	Mahi Bajajsagar Dam	Mahi/Mahi B/Mahi	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					
44	Panchana Dam	Gambhiri/Upper Chambal/Ganga	Raj	Karauli,Bharatpur					
45	Parwati Weir	Parbati/Upper Chambal/Ganga	Raj	Dholpur					
46	Bargi Dam	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
47	Pench Reservoir	Pench/Godavari	MP	Chhindwara/Seoni					
48	Barna Dam	Barna/Middle Narmada/Narmada	MP	Raisen					
49	Sanjay Sarovar Project(U wen Pro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
50	Gandhisagar Dam	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
51	Indira Sagar Dam	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
52	Tawa Dam	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					

53	Bansagar	Sone/ Upper Sone/Ganga	MP	Shahdol					
54	Rajghat Dam	Betwa/Betwa/Ganga	MP	Ashok Nagar					
55	Tehri Dam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/Tehri Garhwal/PauriGarhwal					
56	Ichari Dam	Tons/Yamuna/Ganga	UK	Dehradun/Nahan(HP)					
57	Ravishankar Dam	Mahanadi/Upper Mahanadi/Mahanadi	Chhatisgarh	Kanker/Dhamtari,Raipur					
58	Bango	Hasdeo/Upper Mahanadi/Mahanadi	Chhatisgarh	Koriya,Korba/JanjgirChampa					
59	Salandi Dam	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
60	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

