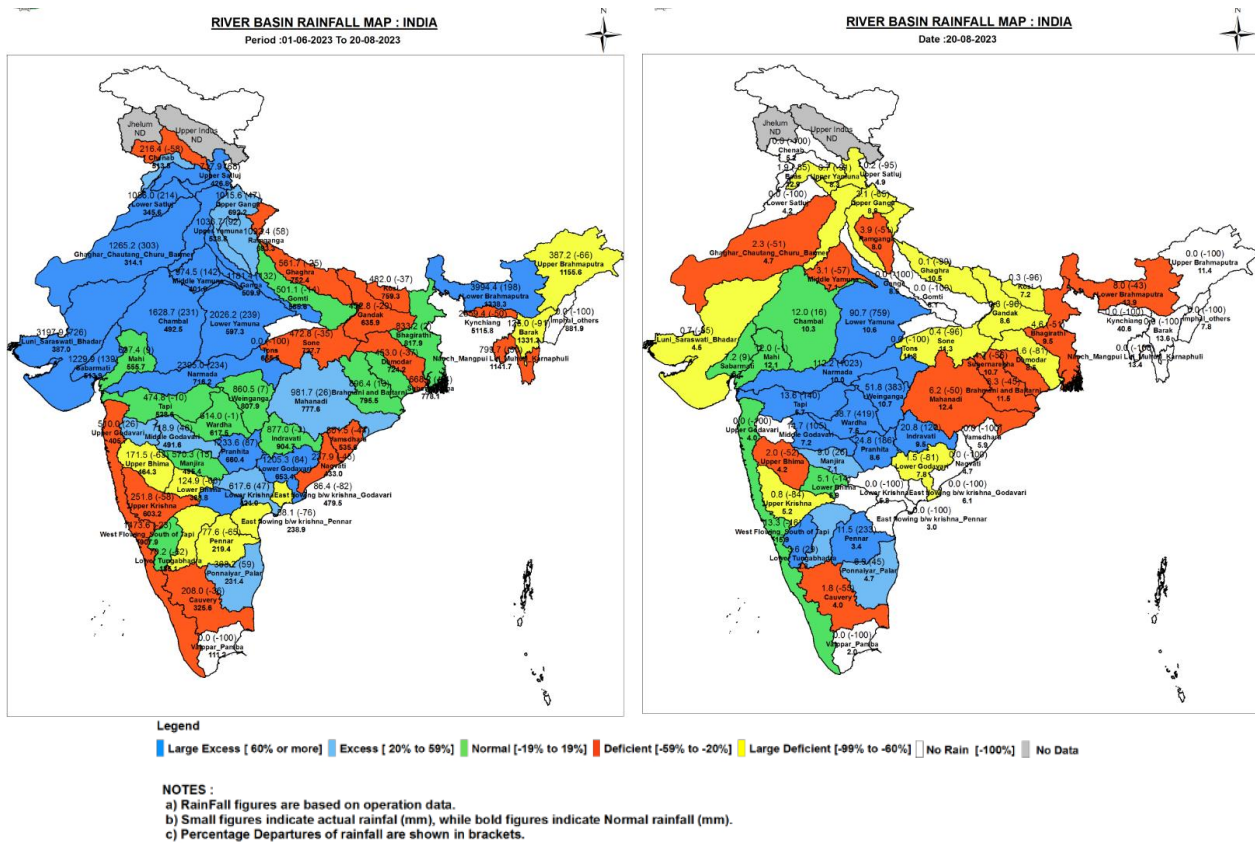




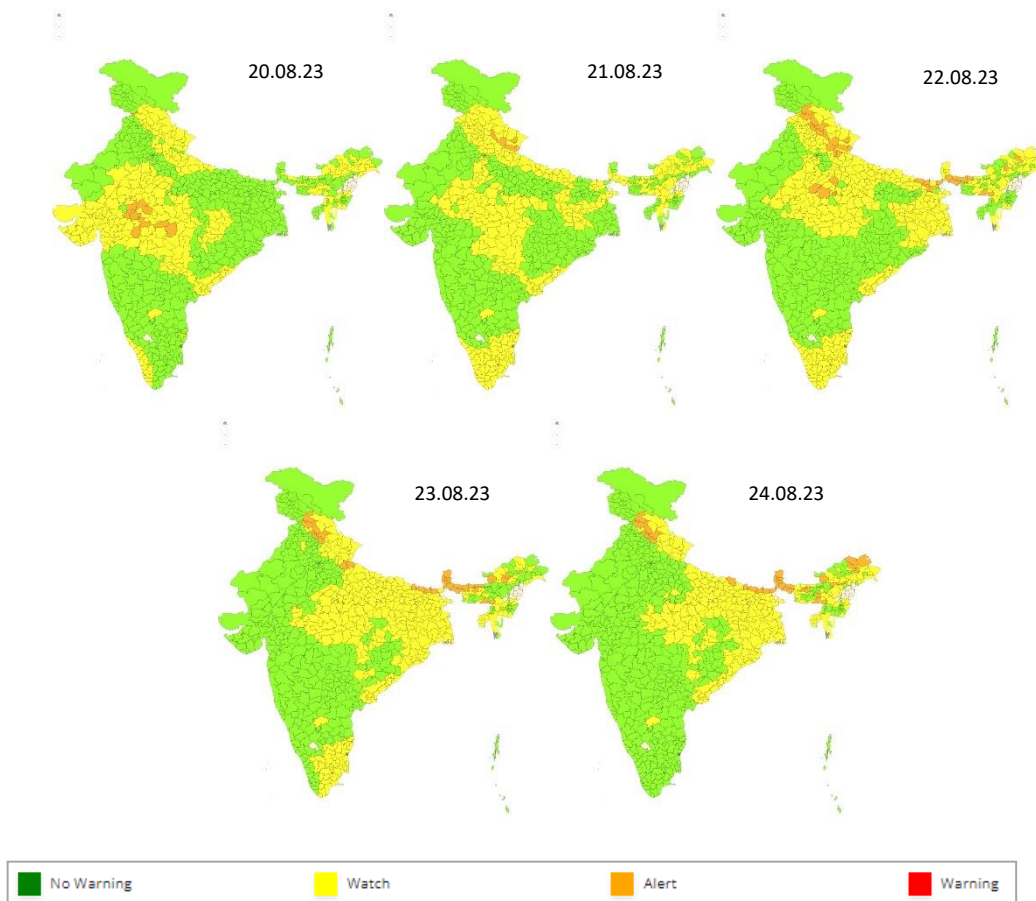
Central Water Commission
Daily Flood Situation Report cum Advisories
20-08-2023

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 20th August 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

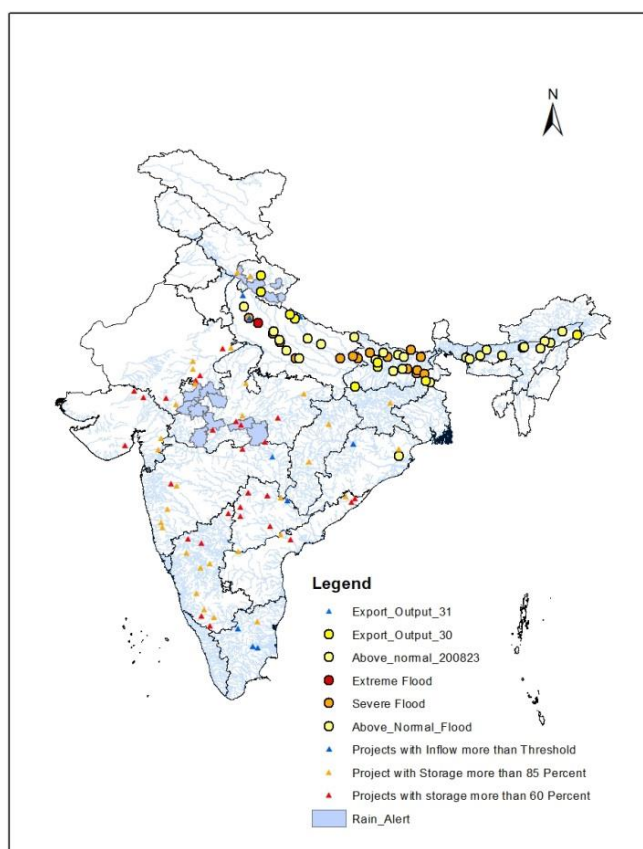
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 20th August 2023, 1 station in Uttar Pradesh is flowing in Extreme Flood Situation. 11 stations (7 in Bihar, 3 in Uttar Pradesh, 1 in Jharkhand) are flowing in Severe Flood Situation, 24 stations (9 Assam, 7 each in Bihar and Uttar Pradesh, and 1 in West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 13 Dams and Barrages (3 each in Telangana and Uttar Pradesh, 2 each in Odisha & Tamil Nadu and 1 each in Madhya Pradesh, Maharashtra & 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)	Uttar Pradesh(1)	1
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	Bihar(7), Jharkhand(1), Uttar Pradesh(3)	11
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(9), Bihar(7), Uttar Pradesh(7), West Bengal(1)	24
Total number of sites above Warning Level (A+B+C)			36
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)		Madhya Pradesh(1), Maharashtra(1), Odisha(2), Tamil Nadu(2), Telangana(3), Uttar Pradesh(3), Uttarakhand(1)	13

Details are given at link https://cwc.gov.in/sites/default/files/cfrcwcdfb20.08.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Uttarakhand and Uttar Pradesh

As per IMD very heavy rainfall are expected in districts of **Dehradun, PauriGrahwal, Nainital, Champawat and Bageshwar** for next 24 hours. Alert for water level rise may be kept in rivers Sharda, Ramganga, Alaknanda, Tons and rivers of upper Yamuna and other small rivers over the region. Current flood situation in the state as per CWC network is as follows:

Uttarakhand

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

Uttar Pradesh

CWC Site	River	District	Flood Type	Trend in Water Level
Kachhla Bridge	Ganga	Badaun	Extreme	Steady
Fatehgarh	Ganga	Farrukhabad	Severe	Steady
Bhithaura	Ganga	Fatehpur	Severe	Steady
Ankinghat	Ganga	Kanpur Nagar	Severe	Steady
Turtipar	Ganga	Ballia	Severe	Falling
Narora Down Stream	Ganga	Buland Shahar	Severe	Steady
Elginbridge	Ghagra	Barabanki	Above Normal	Steady
Dalmou	Ganga	Rai Bareilly	Above Normal	Steady
Dabri	Ram Ganga	Shahjahanapur	Above Normal	Steady

Madhya Pradesh

Due to the presence of LPA over north Madhya Pradesh and neighbourhood rainfall is expected to very heavy in M.P, so keep alert for water level rise in river Narmada in **Hoshangabad, Chhindwara, Khargone, Dewas** dists.; river Mahi in **Ratlam** dist.; river Chambal in **Mandsaur, Rajgarh, Ratlam, Ujjain** dists.; river Wainganga in **Chhindwara** dists.

Bihar

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

CWC Site	River	District	Flood Type	Trend in Water Level
Birpur	Kosi	Supaul	Severe	Rising
Dumriaghat	Gandak	Gopalganj	Severe	Falling
Baltara	Kosi	Khagaria	Severe	Steady
Darauli	Ghagra	Siwan	Severe	Falling
Kahalgaon	Ganga	Bhagalpur	Severe	Steady
Azmabad	Ganga	Bhagalpur	Severe	Steady
Sultanganj	Ganga	Bhagalpur	Severe	Steady
Benibad	Bagmati	Muzaffarpur	Severe	Rising
Kursela	Kosi	Katihar	Severe	Steady
Araria	Parman	Araria	Severe	Steady
Gangpur Siswan	Ghagra	Siswan	Above Normal	Steady
Bhagalpur	Ganga	Bhagalpur	Above Normal	Steady
Jhajharpur	Kamalabalan	Madhubani	Above Normal	Steady
Gandhighat	Ganga	Patna	Above Normal	Steady
Hathidah	Ganga	Patna	Above Normal	Steady

Basua	Ganga	Patna	Above Normal	Rising
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Assam

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

CWC Site	River	District	Flood Type	Trend in Water Level
Dhubri	Brahmaputra	Dhubri	Severe	Falling
Beki Road Bridge	Beki	Barpeta	Above Normal	Steady
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Steady
Margerita	Buridehing	Tinsukia	Above Normal	Rising
Tezpur	Brahmaputra	Sonitpur	Above Normal	Steady
Neamatighat	Brahmaputra	Jorhat	Above Normal	Rising
NT Road crossing Jia Barali	Jiabharali	Sonitpur	Above Normal	Rising

Jharkhand

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

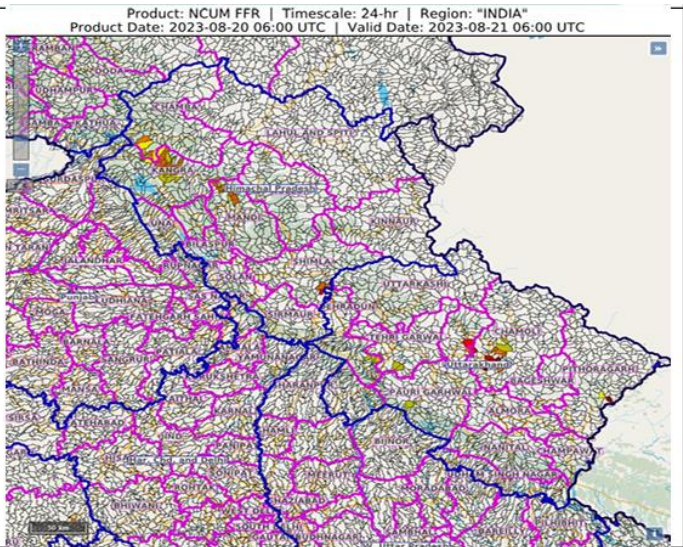
CWC Site	River	District	Flood Type	Trend in Water Level
Sahibganj	Ganga	Sahibganj	Severe	Falling
Japla	Sone	Palamu	Above Normal	Steady

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 21-08-2023 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Uttarakhand adjoining Himachal Pradesh** Met Sub-divisions during next 24 hours.

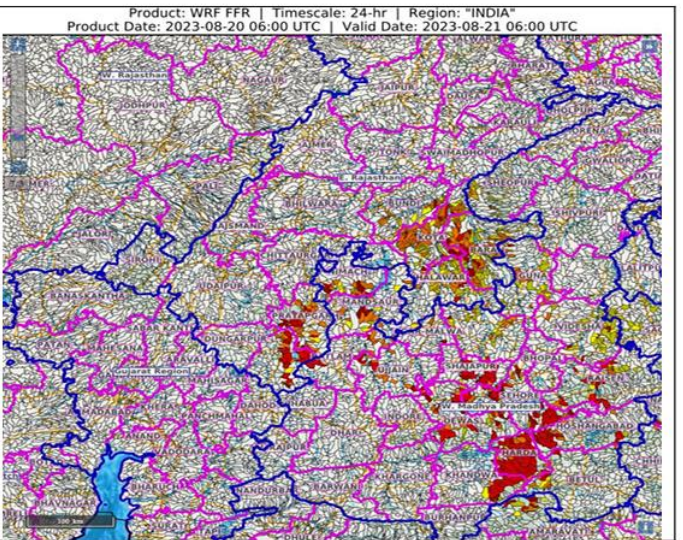
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 21-08-2023 :

Low flash flood risk likely over few watersheds & neighbourhoods of **West Madhya Pradesh adjoining East Rajasthan** 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	21-08- 2023	22-08- 2023	23-08- 2023	24-08- 2023	25-08- 2023	26-08- 2023	27-08- 2023
1	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	S	AN	S	S	S	S	S
2	BENIBAD	BAGMATI	MUZAFFARPU R	Bihar	S	S	S	S	S	S	S
3	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	E	S	S	S	S	S	S
4	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	AN	S	S	S	S
5	NT ROAD CROSSING JIA- BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	S	S	S	S
7	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	AN	S	S	S	S	S	S
8	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	AN	AN	AN	S	S	S
9	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	AN	AN	S	S	S
10	BALTARA	KOSI	KHAGARIA	Bihar	S	S	S	S	S	S	S
11	DABRI	RAMGANGA	SHAHJAHANP UR	Uttar Pradesh	AN	AN	AN	S	S	S	S
12	DARAULI	GHAGRA	SIWAN	Bihar	S	S	S	S	S	S	AN
13	DHENGRAGHAT	MAHANANDA	PURNIA	Bihar	AN	AN	AN	AN	S	S	S
15	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN	AN	S
16	FATEHGARH	GANGA	FARRUKHABA D	Uttar Pradesh	S	S	S	S	S	S	S
19	KAHALGAON	GANGA	BHAGALPUR	Bihar	S	AN	AN	AN	AN	AN	AN
20	KANNAUJ	GANGA	KANNAUJ	Uttar Pradesh	AN	AN	AN	AN	S	S	S
22	KURSELA	KOSI	KATIHAR	Bihar	S	S	AN	AN	AN	AN	AN
23	SAHIBGANJ	GANGA	SAHIBGANJ	Jharkhand	S	AN	AN	AN	AN	AN	AN
24	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	S	S	S	S	S	AN	AN
25	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	S	AN	S	S	S	S	S
26	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	AN	AN	AN	AN	AN	S	AN
27	RUNISAIDPUR	BAGMATI	MUZAFFARPU R	Bihar	AN	AN	S	S	S	S	S
28	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	S	S	S	S

29	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	S	S	S	S	S	S
32	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	S	S	S	S
35	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	S	S	S	S	S	S
36	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	AN	AN	AN	AN	S	S
37	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	AN	AN	AN	S	S	S	S
38	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	AN	AN	AN	S	S	S
45	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
48	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
52	DALMAU	GANGA	RAIBARELI	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
53	GANGPUR SISWAN	GHAGRA	SIWAN	Bihar	AN	AN	AN	AN	AN	AN	AN
55	HATHIDAH	GANGA	PATNA	Bihar	AN	AN	AN	AN	AN	AN	AN
57	KANPUR	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
58	KHAGARIA	BURHI GANDAK	KHAGARIA	Bihar	AN	AN	AN	AN	AN	AN	AN
60	GANDHIGHAT	GANGA	PATNA	Bihar	AN	AN	AN	AN	AN	AN	AN
65	FARAKKA(FF)	GANGA	MURSHIDABA D	West Bengal	AN	AN	AN	AN	AN	AN	AN
66	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN	AN	AN
68	SIVASAGAR	DIKHOW	SIVSAGAR	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 20th 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	Mancheria/JaishankarBhupalpally					
3	Singur Dam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
4	Laxmi Barrage	Godavari/LowerGodavari/Godavari Basin	Tel	JaishankarBhupalpally/Peddapalli/Mulugu					
6	Sriramasagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancheria(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//Lower 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)/JogalambaGadwal(Tel)					
13	NarayanapuramAnicut	Nagavali/East flowing rivers between Mahanadi and Pennar	AP	Srikakulam					
14	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Tel)/Bidar(Kar)Bidar					
15	kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Ker)/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(Kar)"					
21	Narayanpur Dam	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/Raichur,Yaadgir					
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	Malaprabha Dam	Malaprabha/Malaprabha/Krishna	Kar	Belgaum					
26	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
27	Dantiwada Dam	Banas/Western Flowing River (Kutch &Saurashtra)	Guj	Banaskantha					
28	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
29	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
30	Sardar Sarovar Dam	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Nrmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
31	Ukai Dam	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
32	Madhuban Dam	Damanganga/ Damanganga	Guj	Valsad (Guj)/Selvasa (UT of DNH)					
33	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
34	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					

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

56	Bansagar	Sone/ Upper Sone/Ganga	MP	Shahdol					
57	Rajghat Dam	Betwa/Betwa/Ganga	MP	Ashok Nagar					
58	Tehri Dam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/Tehri Garhwal/PauriGarhwal					
59	Ichari Dam	Tons/Yamuna/Ganga	UK	Dehradun/Nahan(HP)					
60	Ravishankar Dam	Mahanadi/Upper Mahanadi/Mahanadi	Chhatisgarh	Kanker/Dhamtari,Raipur					
61	Bango Dam	Hasdeo/Upper Mahanadi/Mahanadi	Chhatisgarh	Koriya,Korba/JanjgirChampa					
62	Salandi Dam	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
63	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

