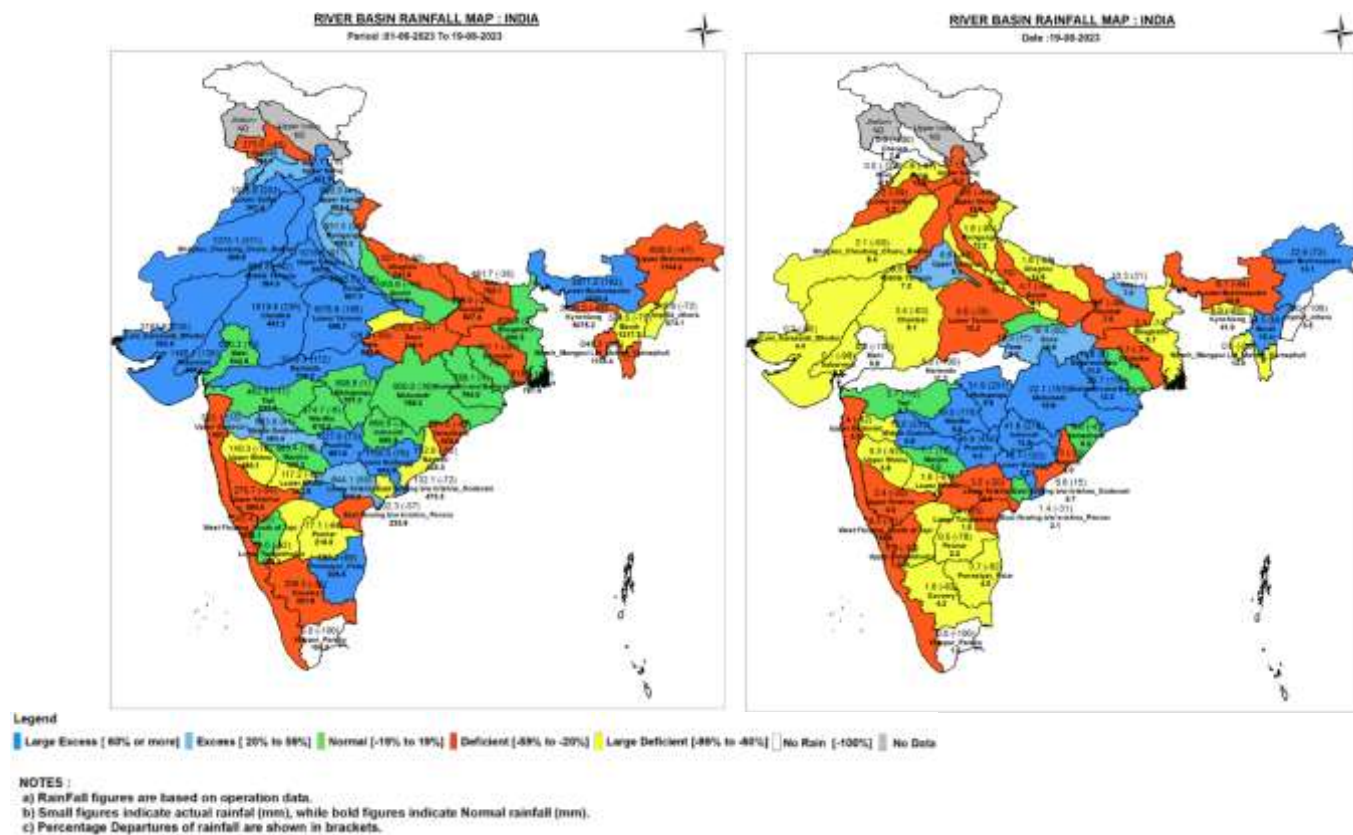




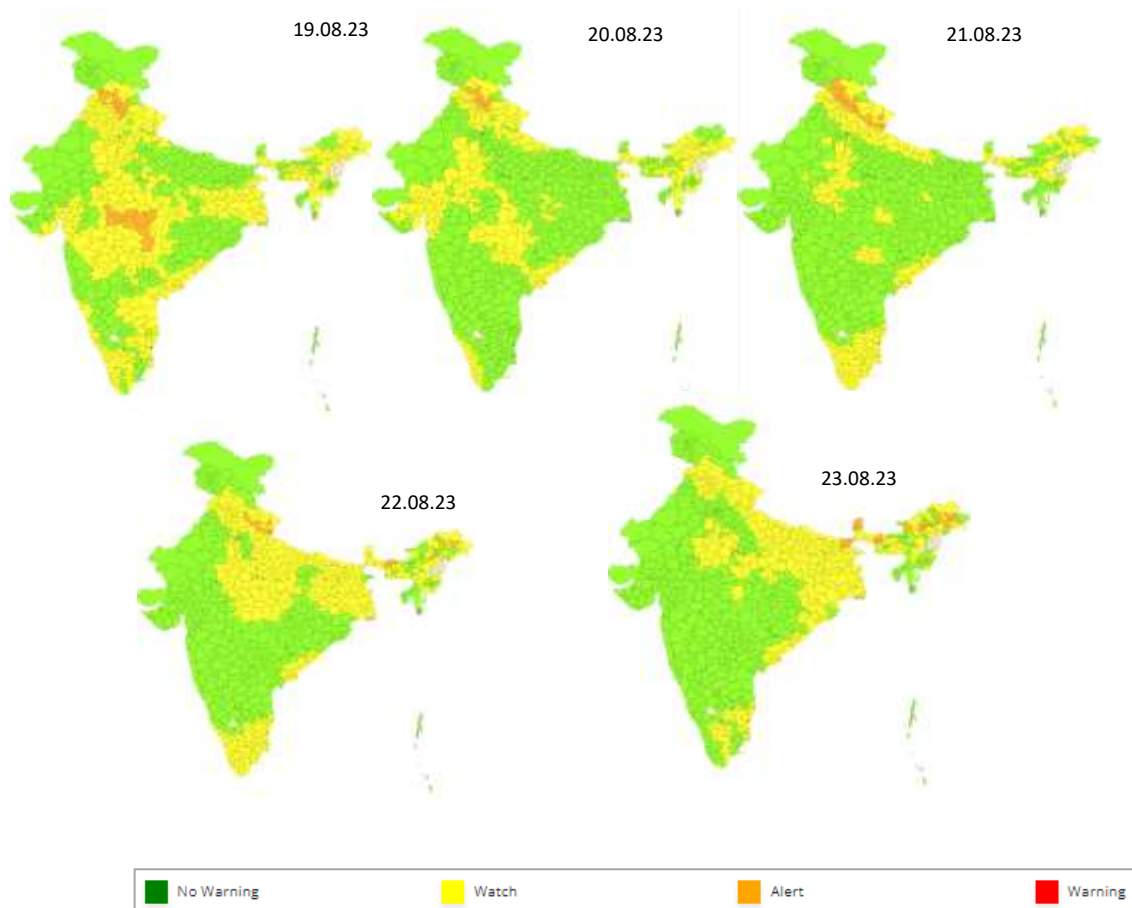
Central Water Commission
Daily Flood Situation Report cum Advisories
19-08-2023

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 19th August 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

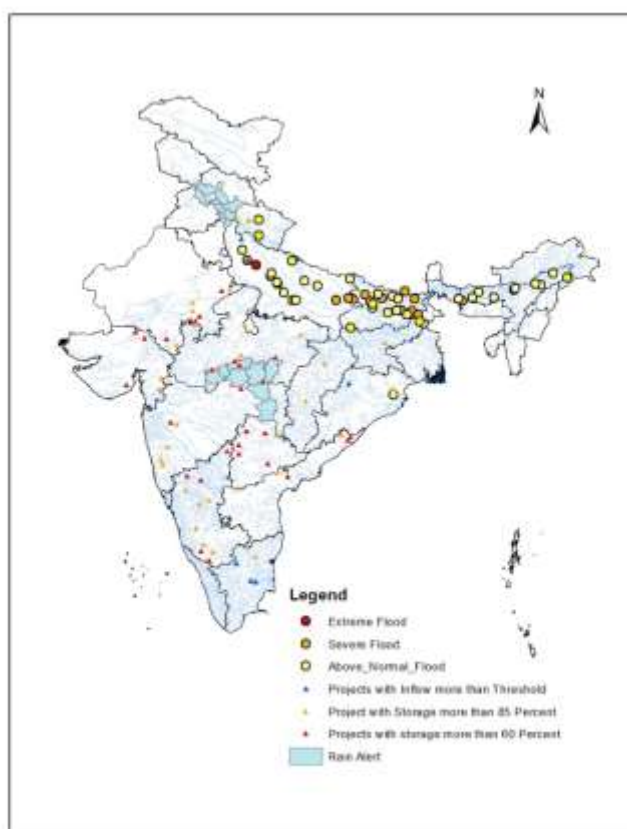
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 19th August 2023, 1 station in Uttar Pradesh is flowing in Extreme Flood Situation. 12 stations (7 in Bihar, 3 in Uttar Pradesh, 1 each in Assam and Jharkhand) are flowing in Severe Flood Situation, 28 stations (9 each in Assam and Bihar, 8 in Uttar Pradesh and 1 each in Odisha and West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 12 Dams and Barrages (4 in Telangana, 3 each in Uttar Pradesh & Tamil Nadu and 1 each in Odisha & 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))	Assam(1), Bihar(7), Jharkhand(1), Uttar Pradesh(3)	12
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(9), Bihar(9), Odisha(1), Uttar Pradesh(8), West Bengal(1)	28
Total number of sites above Warning Level (A+B+C)			41
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)		Odisha(1), Tamil Nadu(3), Telangana(4), Uttar Pradesh(3), Uttarakhand(1)	12

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb19.08.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Madhya Pradesh

Due to the presence of LPA over north Chhattisgarh and neighbourhood rainfall is expected to very heavy in M.P, so keep alert for water level rise in river Narmada in **Hoshangabad, Betul, Khandwa, Chhindwara** dists.; river Tapi in **Betul** dist.; Waingana in **Seoni, Chhindwara** dists.

Himachal Pradesh

As per IMD very heavy rainfall are expected in districts **Kangra, Mandi, Bilaaspur, Solan, Shimla, Sirmaur for next 24 hours**. Hence rivers such as Tons, rivers of upper Yamuna, Beas, Satluj, Ravi and their tributaries are expected to get increased runoff.

Maharashtra

Due to existence of Low pressure Area over north Chhattisgarh and neighbourhood, IMD has predicted increased rainfall over districts such as **Chandrapur, Nagpur** hence keep alert for water level rise in rivers such as Wardha, Wainganga and their tributaries in the said regions. Releases from projects may be done as per SOP after informing lower riparian regions.

List of Major Projects with more than 80% storages in above said districts are as follows:

Sl. No.	Project	District
1	Asolamendha	Chandrapur
2	Totladoh	Nagpur
3	Kamthi Khairy	Nagpur
4	Wadgaon	Nagpur

Uttarakhand and Uttar Pradesh

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	Rising
Betalghat	Kosi	Nanital	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
Narora downstream	Ganga	Bulandshahar	Severe	Steady
Turtipar	Ganga	Ballia	Severe	Falling
Elginbridge	Ghagra	Barabanki	Above Normal	Steady
Dalmau	Ganga	Raebareilly	Above Normal	Steady
Dabri	Ram Ganga	Shahjahanapur	Above Normal	Steady
Garmukteshwar	Ganga	Hapur	Above Normal	Steady
Kanpur	Ganga	Kanpur nagar	Above Normal	Steady

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	Steady
Baltara	Kosi	Khagaria	Severe	Steady
Darauli	Ghagra	Siwan	Severe	Steady
Kahalgaon	Ganga	Bhagalpur	Severe	Steady
Azmabad	Ganga	Bhagalpur	Severe	Steady
Sultanganj	Ganga	Bhagalpur	Severe	Steady
Benibad	Bagmati	Muzaffarpur	Severe	Falling
Kursela	Kosi	Katihar	Severe	Falling
Araria	Parman	Araria	Severe	Falling
Gangpur Siswan	Ghagra	Siswan	Above Normal	Rising
Bhagalpur	Ganga	Bhagalpur	Above Normal	Steady
Jhajharpur	Kamalabalan	Madhubani	Above Normal	Steady
Gandhighat	Ganga	Patna	Above Normal	Steady
Hathidah	Ganga	Patna	Above Normal	Steady

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	Rising
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Rising
Margerita	Buridehing	Tinsukia	Above Normal	Rising
Tezpur	Brahmaputra	Sonitpur	Above Normal	Steady

Jharkhand

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

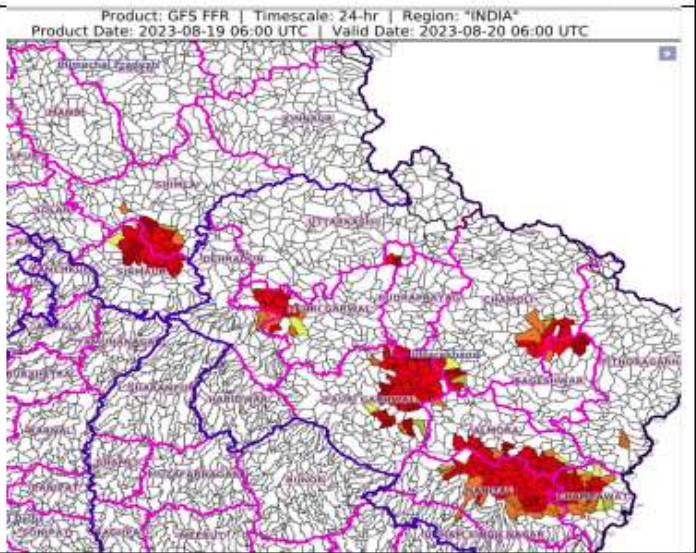
CWC Site	River	District	Flood Type	Trend in Water Level
Sahibganj	Ganga	Sahibganj	Severe	Steady
Japla	Some	Palmau	Above Normal	Steady

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 20-08-2023 :

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

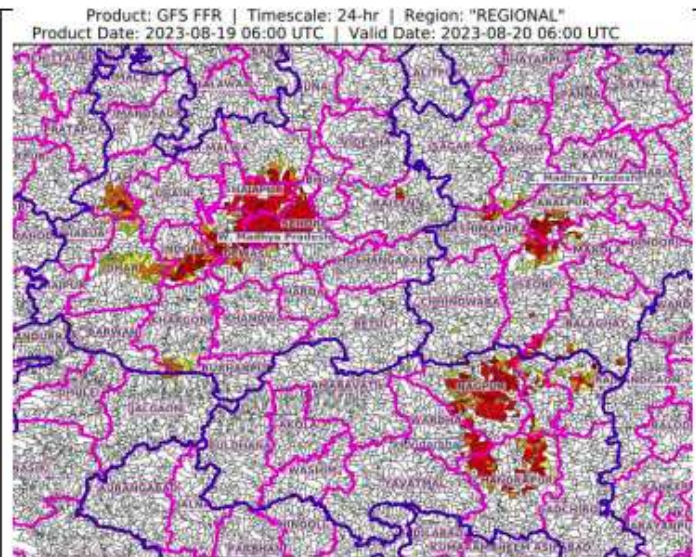
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 20-08-2023 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **East Madhya Pradesh**, **Vidarbha** and **West Madhya 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.



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	20-08- 2023	21-08- 2023	22-08- 2023	23-08- 2023	24-08- 2023	25-08- 2023	26-08- 2023
1	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	S	S	S	S	S	S	S
2	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	S	S	S	S	S	S	S
3	NT ROAD CROSSING JIA-BHARALI	JIBHARALI	SONITPUR	Assam	AN	AN	AN	AN	S	S	S
5	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	S	AN	AN	S	S	S	S
6	BALTARA	KOSI	KHAGARIA	Bihar	S	S	S	S	S	S	S
7	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	AN	AN	AN	AN	S	S	S
8	DARAULI	GHAGRA	SIWAN	Bihar	S	S	S	S	S	S	S
9	FATEHGARH	GANGA	FARRUKHABAD	Uttar Pradesh	S	S	S	S	S	S	S
11	KAHALGAON	GANGA	BHAGALPUR	Bihar	S	AN	AN	AN	AN	AN	AN
13	KURSELA	KOSI	KATI HAR	Bihar	S	S	S	AN	AN	AN	AN
14	SAHIBGANJ	GANGA	SAHIBGANJ	Jharkhand	S	S	S	AN	AN	AN	AN
15	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	S	S	S	S	S	S	S
16	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	S	S	AN	S	S	S	S
18	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	AN	AN	AN	S	S	S	S
19	ARARIA	PARMAN	ARARIA	Bihar	AN	AN	S	S	S	S	S
20	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	S	S	S	S	S	S
21	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	AN	AN	S	S	S
23	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	S	S	S
24	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	S	S	S	S	S	S
25	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	AN	S	S	AN	AN	S
26	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	AN	S	S	AN	AN	AN	AN
27	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	AN	AN	S	S	S	S	S
28	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	S	S	S
30	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN

33	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
35	DALMAU	GANGA	RAIBARELI	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
38	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
39	GANGPUR SISWAN	GHAGRA	SIWAN	Bihar	AN	AN	AN	AN	AN	AN	AN
40	GARHMUKTESHWAR	GANGA	HAPUR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
41	HATHIDAH	GANGA	PATNA	Bihar	AN	AN	AN	AN	AN	AN	AN
44	KANNAUJ	GANGA	KANNAUJ	Uttar Pradesh	AN	AN	AN	AN	AN	S	S
45	KANPUR	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
46	KHAGARIA	BURHI GANDAK	KHAGARIA	Bihar	AN	AN	AN	AN	AN	AN	AN
47	GANDHIGHAT	GANGA	PATNA	Bihar	AN	AN	AN	AN	AN	AN	AN
51	FARAKKA(FF)	GANGA	MURSHIDABAD	West Bengal	AN	AN	AN	AN	AN	AN	AN
53	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN	AN	AN
60	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 19th 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					
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)/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	Chikmagaluru/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	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
33	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
34	N M D Weir	Godavari/Upper Godavari/Godavari	Mah	Nasik ,Ahmadnagar					

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

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

