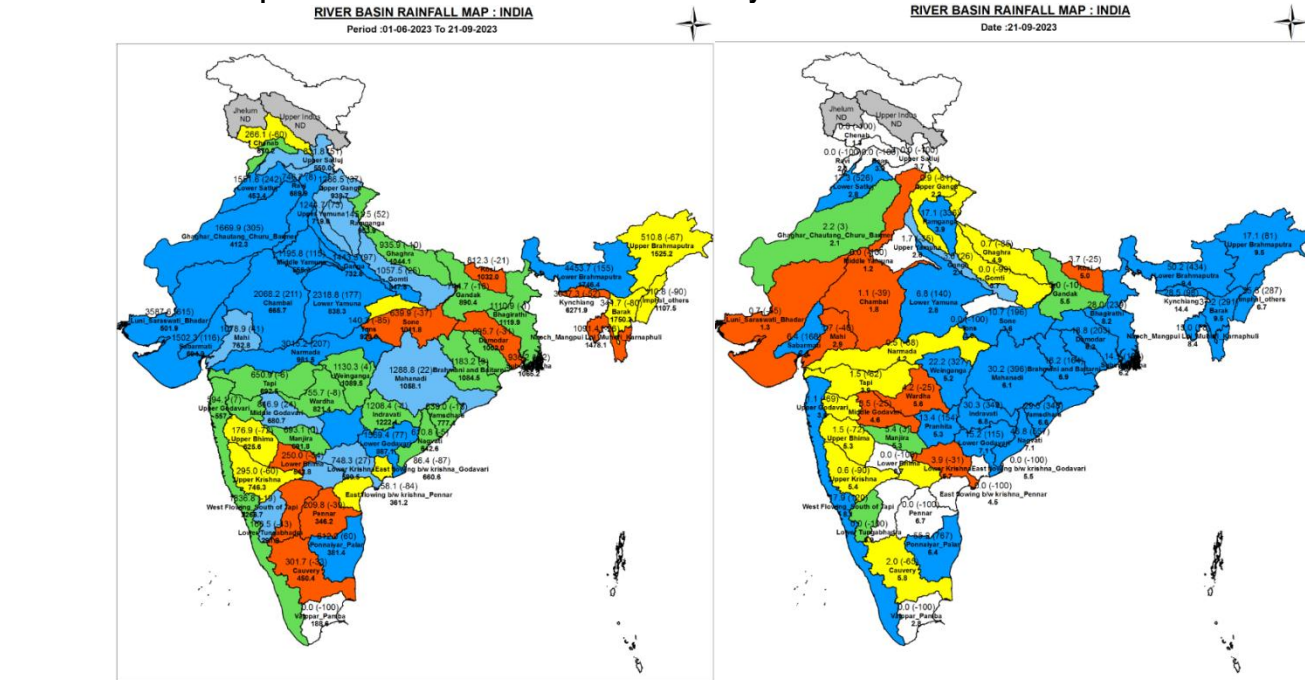




Central Water Commission
Daily Flood Situation Report cum Advisories
21-09-2023

1.0 Rainfall Situation

1.1 District wise departure from normal of cumulative and daily rainfall

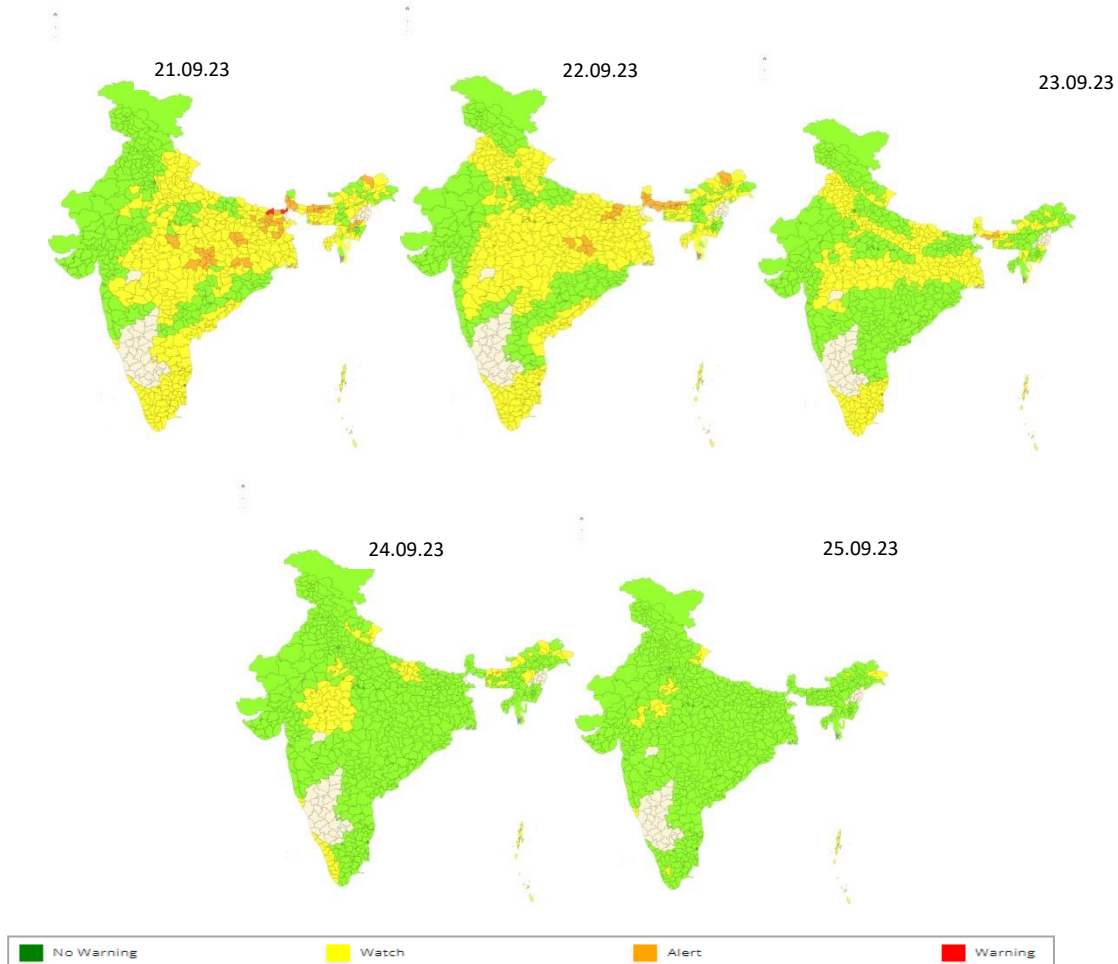


Legend
■ Large Excess [60% or more] ■ Excess [20% to 59%] ■ Normal [-19% to 19%] ■ Deficient [-59% to -20%] ■ Large Deficient [-99% to -60%] ■ No Rain [-100%] ■ No Data

NOTES :

- a) Rainfall figures are based on operation data.
- b) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm).
- c) Percentage Departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 21st September 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

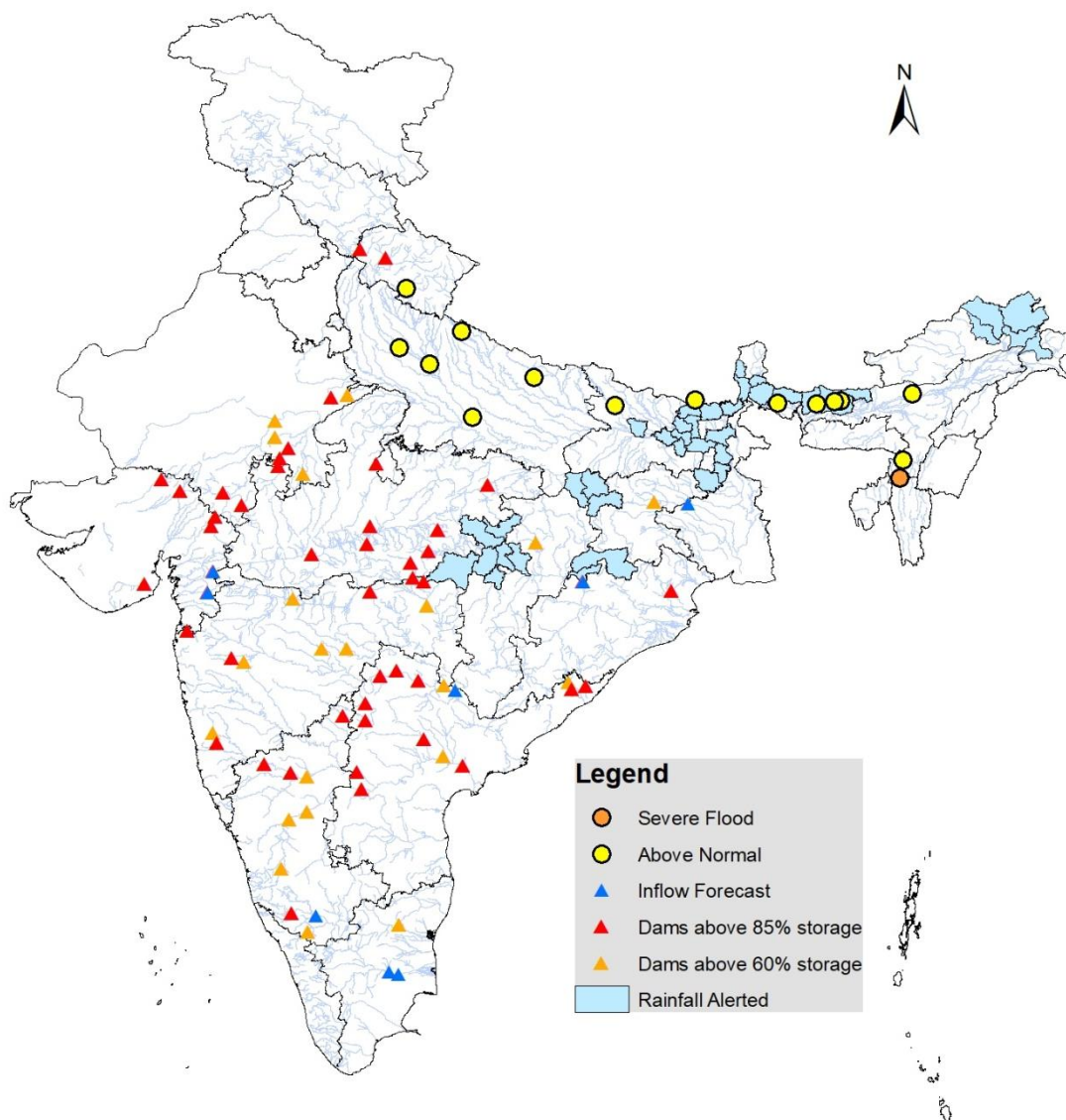
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 21st September, 2023, no station is flowing in Severe Flood Situation. 8 stations (5 in Assam, 2 in Uttar Pradesh and 1 in Bihar) are flowing in Above Normal Flood situation. Inflow Forecast has been issued for 8 Dams and Barrages (2 each in Gujarat & Tamilnadu and 1 each in Karnataka, Jharkhand, Telangana & Odisha).

PART - I: LEVEL FORECAST		(Total Sites - 200)	
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))		0
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(5), Bihar(1), Uttar Pradesh(2)	8
Total number of sites above Warning Level (A+B+C)			8
PART - II: INFLOW FORECAST		(Total Sites - 138)	
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		Gujarat(2), Jharkhand(1), Karnataka(1), Odisha(1), Tamil Nadu(2), Telangana(1)	8

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb-21.09.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Bihar

IMD has predicted increased rainfall activity in **Nepal, Sikkim** and in most of the eastern districts of Bihar for coming 2 to 3 days. Keep alert for water level rise in rivers Mahananda, Parman, Kosi, Kamalabalan, Adhwara and its tributaries in districts **Supaul, Araria, Kishanganj, Kathihar, Madhepura, Saharasa, Khagaria, Begusarai, Munger, Bhagalpur, Jamui, Madhubani, Dharbanga, Samastipur, Vaishali and Patna.**

Assam

IMD has predicted increased rainfall activity in districts of lower Assam such as **Kokrajhar, Chirang, Baksa, Bongaigaon, Barpeta.** Hence keep alert for water level rise rivers Gurang, Aie, Manas, Beki and other small tributaries of Brahmaputra over the said region for next 2 to 3 days. Due to yesterday's rainfall activity rivers such as Dhaleswari, Beki, Manas, Gaurang are in severe to above normal flood situations. Current flood situation in the state as per CWC network is as follows

CWC Site	River	District	Flood Type	Trend in Water Level
Gharmura	Dhaleswari	Hailakandi	Severe	Falling
Beki Rd Bridge	Beki	Barpeta	Above Normal	Rising
Manas NH Xing	Manas	Bongaigaon	Above Normal	Rising
Kokrajhar	Gaurang	Kokrajhar	Above Normal	Rising

Sub Himalayan West Bengal

IMD has predicted very heavy rains in **Sikkim and in all districts of Sub-Himalayan West Bengal,** hence keep alert for water level rise in Jaldhaka, Teesta, Sankosh, Torsa, Raidak and its tributaries over the region for next 2 to 3 days. Current flood situation in the state as per CWC network is as follows

CWC Site	River	District	Flood Type	Trend in Water Level
Jaldhaka NH 31	Jaldhaka	Jalpaiguri	Above Normal	Steady

Chattisgarh

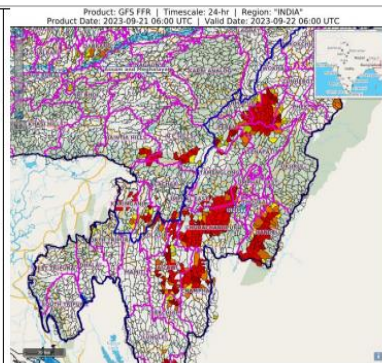
Due to advent of Low Pressure Area, IMD has predicted very heavy rains in districts **Bilaspur, Gaurela Pendra Marwahi, Mungeli, Kabirdham, Bemetara, Jashpur, Surguja, Balrampur, Korea.** Hence keep alert for water level rise in Mahanadi and tributaries of Ganga over the region.

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 22-09-2023 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of NMMT 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 22-09-2023 :

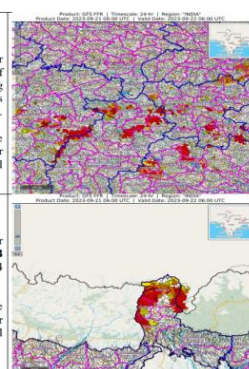
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of Jharkhand, North Chhattisgarh & adjoining East Madhya Pradesh Met Sub-divisions during next 24 hours.

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.

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 22-09-2023 :

Low to 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	22-09-2023	23-09-2023	24-09-2023	25-09-2023	26-09-2023	27-09-2023	28-09-2023
1	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	AN	AN	AN	AN	AN	S	S
2	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	AN	AN	AN	S	S	S	AN
3	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	S	S	S	S	AN
4	MATIJURI	KATAKHAL	HAILAKANDI	Assam	AN	AN	AN	S	S	S	S
5	KACHHLA BRIDGE	GANGA	BUDAUN	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
6	NT ROAD CROSSING JIABHARALI	JIABHARALI	SONITPUR	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 21stSeptember 2023

Storageabove85%	
Storageabove60%	

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/DSDistrict	Rainfall situation				
					Day1	Day2	Day3	Day4	Day 5
1.	Musi	Musi/LowerKrishna/Krishna	Tel	Nalgonda					
2.	SripadaYellampally	Godavari/MiddGodavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
3.	SingurDam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
4.	LaxmiBarrage	Godavari/Lower Godavari/Godavari	Tel	JaishankarBhupalpally/Peddapalli/Mulugu					
5.	Sriramasagar	Godavari/MiddleGodavari/Godavari	Tel	Nanded(Mah),Nirmal,Metpally,Mancherial(Tel)					
6.	NizamsagarDam	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
7.	KaddamDam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad,Nirmal/Mancherial					
8.	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Tel)					
9.	Thottapalli Reservoir	Vaigai/UpperVaigai/Eastflowing riverssouthofCauveryBasin	AP	Vizianagaram					
10.	MadduvalasaReser.	Nagavali/EFR(Mahanadi to Pennar)	AP	Vizianagaram					
11.	GottaBarrage	Vamsadhara/Vamsadhara/EFR (MahanaditoPennar)	AP	Srikakulam					
12.	PrakasamBarrage	Krishna//LowerKrishna/Krishna	AP	Krishna/Guntur					
13.	Pulichintala Dam	Krishna/Lower Krishna/Krishna	AP	Nalgonda(Tel)/Guntoor, Krishna(AP)					
14.	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Tel)					
15.	KaranjaDam	Karanja/Manjira/Godavari	kar	Bidar(Kar),Vikarabad(Tel)/Bidar(Kar)Bidar					
16.	kabini	Kabini/Kabini/Cauvery	Kar	Wayanad(Ker)/Mysuru(Kar)					
17.	HarangiDam	Harangi/Harangi/Cauvery	Kar	Kodagu/Mysuru,Hassan					
18.	BhadraDam	Bhadra/UppTungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
19.	AlmattiDam	Krishna/UpperKrishna/Krishna	Kar	"Kolhapur(Maharashtra)/Bagalkote(Kar)"					
20.	TungabhadraDam	Tungabhadra/MidTung/Krishna	Kar	Gadag/Bellary,Koppal,Raichur					
21.	HipparagiBarrage	Krishna/UpperKrishna/Krishna	Kar	Bagalkot,Koppal,Raichur					
22.	NarayanpurDam	Krishna/UpperKrishna/Krishna	Kar	Bagalkot,Raichur					
23.	SingatalurBarrage	Tungabhadra/Krishna/Krishna	Kar	Gadag,Vijayanagara,Dharwad					
24.	Sathnur	Ponnaiar/Middle SouthPennar/EastFlowriversbetweenPe nn&Cauvery B	TN	Vizianagaram					
25.	DantiwadaDam	Banas/WesternFlowingRiver (Kutch&Saurashtra)	Guj	Banaskantha					

26.	DharoiDam	Sabarmati/SabarmatiBasin	Guj	Mehsana					
27.	ShetrunjiDam	Shetrunji/WFR(Kutch&Saurashtra)	Guj	Bhavnagar					
28.	SardarSarovarDam	Narmada/Narmadab/w HosangabaadtoSSP/Narmada	Guj	Nrmada(Guj),Nadurbar(MP)/Narmada, Vadodra,Bharuch(Guj)					
29.	UkaiDam	Tapi/LowTapi/Tapi	Guj	Nadurbar(Mah),Tapi(Guj)/Surat(Guj)					
30.	MadhubanDam	Damanganga/Damanganga	Guj	Valsad(Guj)/Selvasa(UTofDNH)					
31.	Panam Dam	Panam/Lower Mahi/ Mahi	Guj	Panchmahal					
32.	Kadana	Mahi/ Lower Mahi/ Mahi	Guj	Mahisagar					
33.	UpperWardha Project	Wardha/Wardha/Godavari	Mah	Wardha,Amravati					
34.	NMDWeir	Godavari/UpGodavari/Godavari	Mah	Nasik,Ahmadnagar					
35.	TotladohProject	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
36.	Gosikhurd Dam	Wainganga/Wainganga/Godavari	Mah	Nagpur, Bhandara/Chandrapur, Gadchiroli					
37.	Yeldari Dam	Purna/Purna/Godavari	Mah	Hingoli, Parbhani/Nanded					
38.	WaranaDam	Warnariver/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
39.	Issapur/Upper PengangaProject	Kayadhu/Penganga/Godavari	Mah	Hingoli,Yavatmal					
40.	HathnurDam	Hatnur/UpperTapi/Tapi	Mah	Burhanpur(MP)/Jalgaon(Mah)					
41.	MulaDam	Mula/UpperGodavari/Godavari	Mah	Ahmadnagar					
42.	KoynaDam	Koyna/UpperKrishna/Krishna	Mah	Satara					
43.	RanaPratapSagar	Chambal/UpperChambal/Ganga	Raj	Neemuch(MP)/Dholpur,Kota,Bundi(Raj)					
44.	Kota Barrage	Chambal/UpperChambal/Ganga	Raj	Neemuch(MP)/Dholpur,Kota,Bundi(Raj)					
45.	Kalisindh Dam	Kalisindh/Upper Chambal/Ganga	Raj	Shajapur, Rajgarh(MP)/Jhalawar(Raj)					
46.	BisalpurDam	Banas/MiddleChambal/Ganga	Raj	Bhilwara/Tonk					
47.	GudhaDam	Mej/Middle Chambal/Ganga	Raj	Bhilwara/Bundi					
48.	SomKamlaAmbaDam	Som/MahiB/Mahi	Raj	Udaipur/Dungarpur					
49.	Mahi Bajaj sagar Dam	Mahi/MahiB/Mahi	Raj	Ratlam(MP)/Banswara,Pratapgarh,Dungapur(Raj)					
50.	PanchanaDam	Gambhiri/LowerChambal/Ganga	Raj	Karauli,Bharatpur					
51.	ParwatiWeir	Parbati/LowerChambal/Ganga	Raj	Dholpur					
52.	Bargi Dam	Narmada/UpperNarmada/Narmada	MP	Mandla,Seoni/Jabalpur,Narsimhapur					
53.	PenchReservoir	Pench/Godavari	MP	Chhindwara/Seoni					
54.	Barna Dam	Barna/MiddleNarmada/Narmada	MP	Raisen					
55.	SanjaySarovar Project(UwenPro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
56.	BawanthadiReser.	Bawanthri/Godavari/Godavari	MP	Seoni/Balaghat					
57.	GandhisagarDam	Chambal/UpperChambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
58.	IndiraSagarDam	Narmada/Narmadab/w HosangabadtoSSP/Narmada	MP	Harda,Dewas,Khandwa/Khargone					
59.	TawaDam	Tawa/MiddleNarmada/Narmada	MP	Betul,Hoshnabad/Sehore					

60.	Bansagar	Sone/UpperSone/Ganga	MP	Shahdol					
61.	Rajghat Dam	Betwa/Betwa/Ganga	MP	AshokNagar					
62.	TehriDam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/TehriGarhwal/PauriGarhwal					
63.	IchariDam	Tons/Yamuna/Ganga	UK	Dehradun/Nahan(HP)					
64.	Bango	Hasdeo/UpperMahanadi/Mahanadi	Chhatisgarh	Koriya,Korba/JanjgirChampa					
65.	HirakudDam	Mahanadi/UMahanadi/Mahanadi	Odisha	JanjgirChampa,Raigarh(Chh),Sambalpur(Odi)					
66.	SalandiDam	Salandi/Brahmaniand Baitarni/BrahmaniandBaitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
67.	TenughatDam	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