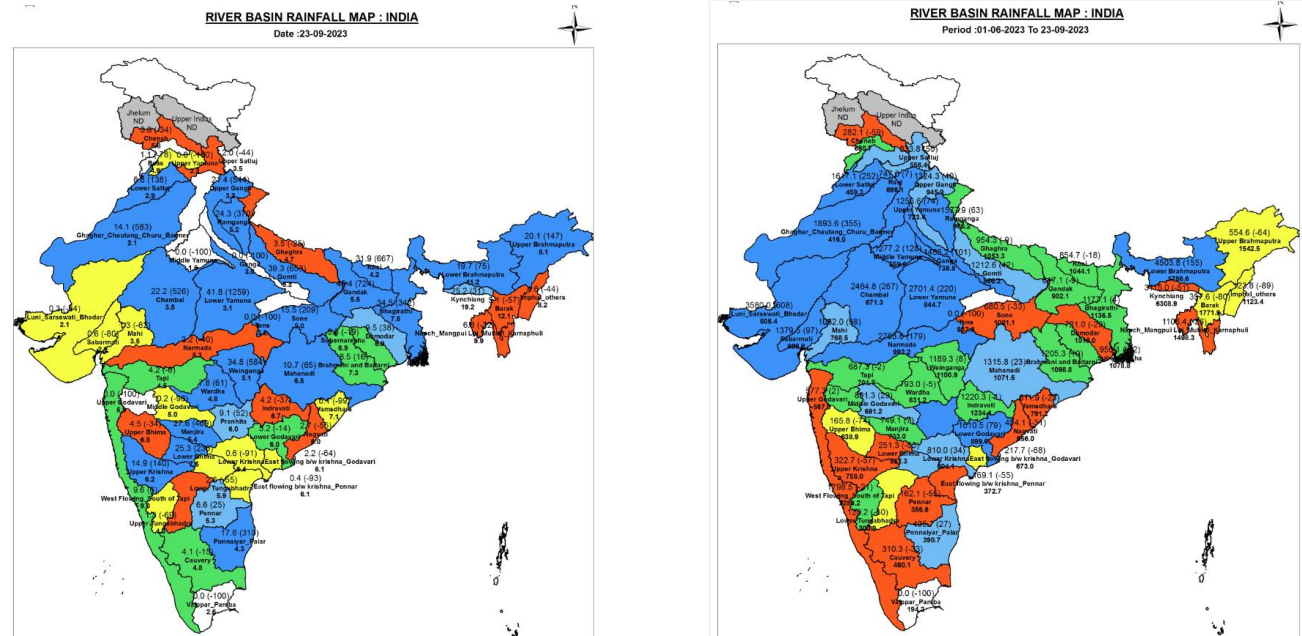




Central Water Commission
Daily Flood Situation Report cum Advisories
23-09-2023

1.0 Rainfall Situation

1.1 District wise departure from normal of cumulative and daily rainfall



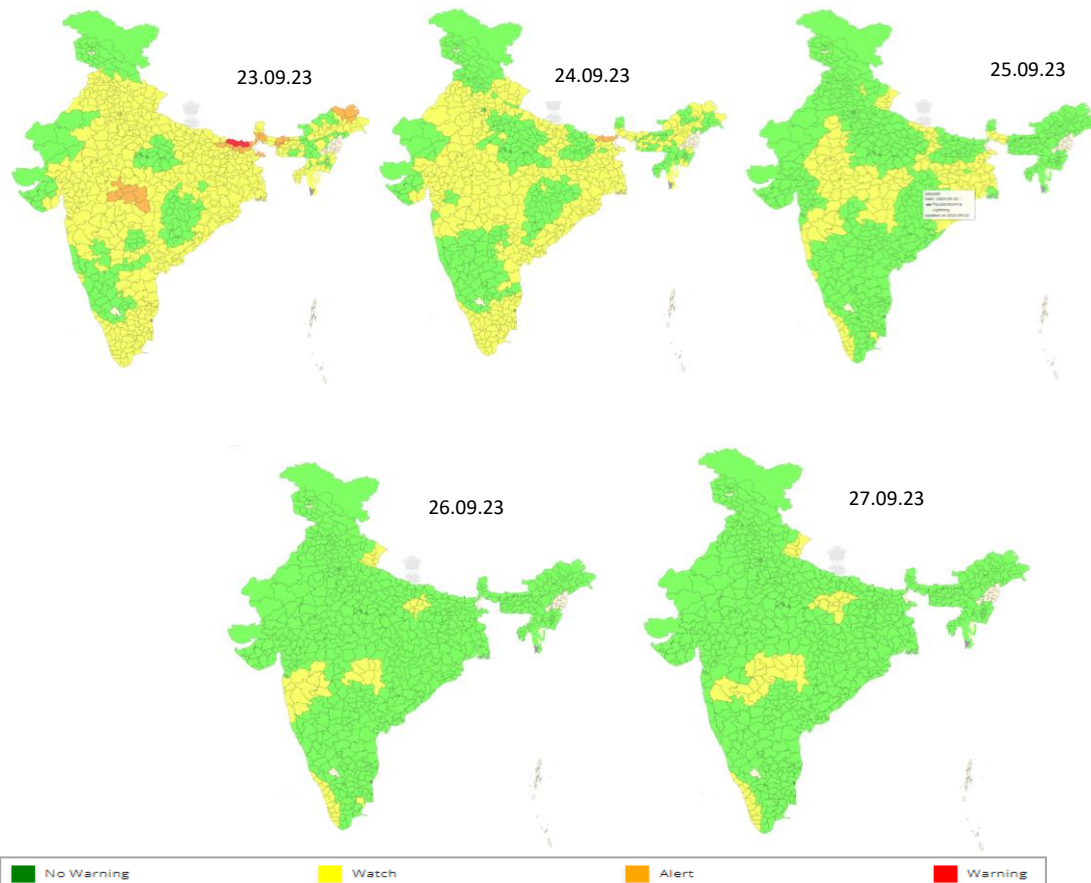
Legend

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 23thSeptember 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

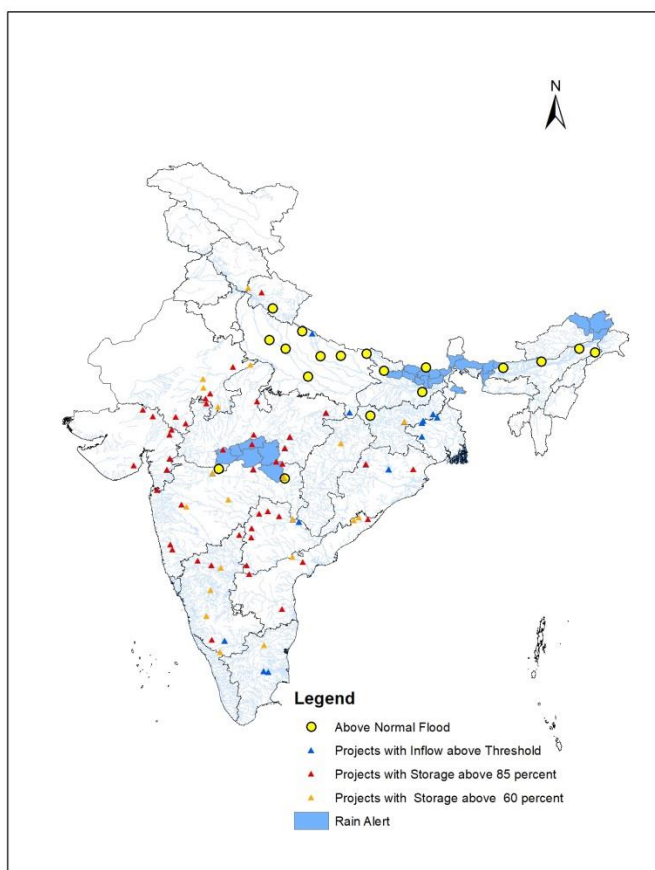
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 23rd September, 2023, No station is flowing in Severe Flood Situation. 7 stations (4 in Uttar Pradesh, 2 in Assam and 1 in Bihar) are flowing in Above Normal Flood situation. Inflow Forecast has been issued for 22 Dams and Barrages (4 in Jharkhand, 3 each in Madhya Pradesh and Maharashtra, 2 each in Gujarat, Odisha, Tamil Nadu, Telangana and Uttar Pradesh and 1 each in Karnataka and West Bengal).

FLOOD SITUATION SUMMARY			
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(2), Bihar(1), Uttar Pradesh(4)	7
Total number of sites above Warning Level (A+B+C)			7
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(4), Karnataka(1), Madhya Pradesh(3), Maharashtra(3), Odisha(2), Tamil Nadu(2), Telangana(2), Uttar Pradesh(2), West Bengal(1)	22

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb-23.09.2023_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 days. Keep alert for water level rise in rivers Mahananda, Parman, Kosi, Kamalabalan, Adhwara, and its tributaries in districts **Supaul, Araria, Kishanganj, Madhepura, Saharasa, Madhubani, Banka, Muzaffarpur, Muzaffarpur.**

Assam

IMD has predicted increased rainfall activity in districts of lower Assam such as **Kokrajhar, Chirang, Dhubri.** 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 days. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Margherita	Buridehing	Tinsukia	Above Normal	Rising
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Rising
NT Road Crossing Jia- Bharali	Jiabharali	Sonitpur	Above Normal	Rising

West Bengal

IMD has predicted very heavy rains in districts **Jalpaiguri, Kalimpong, Darjeeling, Dakshin Dinajpur,** hence keep alert for water level rise in Jaldhaka, Teesta and its tributaries over the region for next 2 days.

Madhya Pradesh

IMD has predicted very heavy rains in rivers of Narmada, Tapi and Wainganga basins in districts **Chhindwara, Betul, Sehore, Hoshangabad, Harda and Khandwa.** All major/medium dams may be operated as per SOP and releases may be done after informing lower riparian areas.

Uttar Pradesh

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

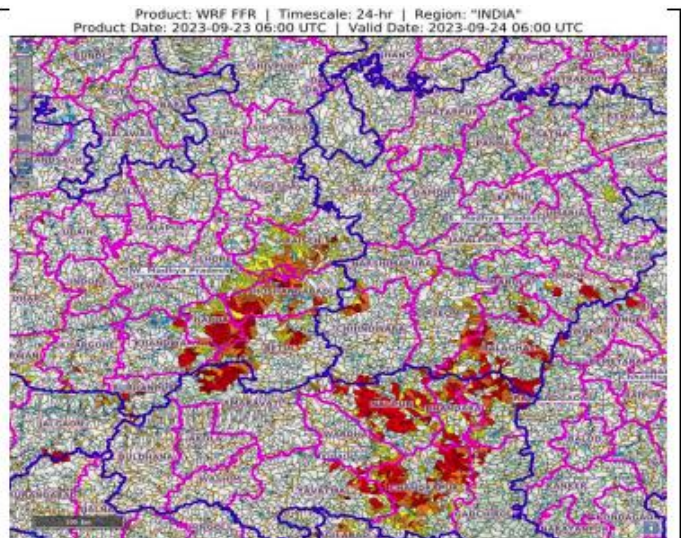
CWC Site	River	District	Flood Type	Trend in Water Level
Chandradeepghat	Kwano	Gonda	Above Normal	Rising
Khadda	Gandak	Kushinagar	Above Normal	Rising
Dumariaghat	Gandak	Gopalganj	Above Normal	Rising
Elginbridge	Ghagra	Barabanki	Above Normal	Rising

2.3 Flash Flood Guidance

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

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Vidarbha** adjoining **East Madhya Pradesh** and extreme **South of West Madhya Pradesh** Met Sub-divisions during next 24 hours.

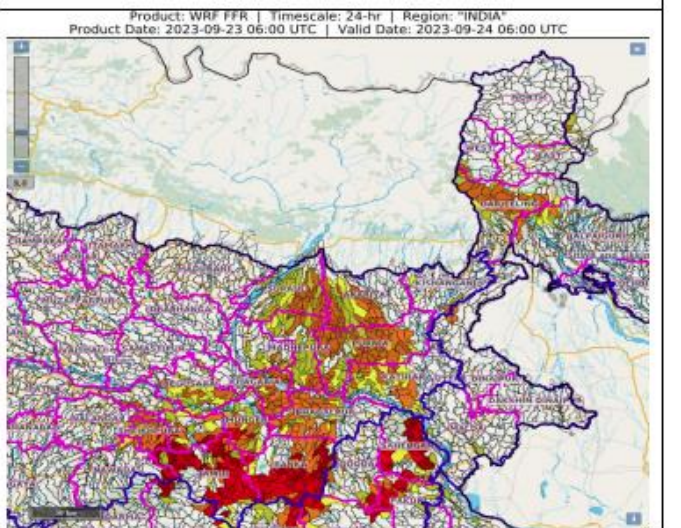
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



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

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Bihar** adjoining **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	24-09-2023	25-09-2023	26-09-2023	27-09-2023	28-09-2023	29-09-2023	30-09-2023
1	BALTARA	KOSI	KHAGARIA	Bihar	AN	AN	AN	AN	AN	AN	S
2	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	AN	AN	AN	AN	S	S	S
3	KHADDA	GANDAK	KUSHINAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	S
4	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	AN	AN	AN	S	S	AN	S
5	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	AN	S	AN	AN	AN	AN	AN
6	ARARIA	PARMAN	ARARIA	Bihar	AN	S	S	S	AN	AN	AN
7	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	S	S	S	AN	AN	AN	AN
8	MANDLA	NARMADA	MANDLA	Madhya Pradesh	AN	S	S	S	S	S	S
9	KASHINAGAR	VAMSADHARA	GAJAPATI	Odisha	AN	AN	AN	S	S	AN	AN
10	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	S	S	S	S	AN	AN	AN
11	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
12	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN	AN	AN
13	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 23rd September2023

Reservoirs Position

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 (Mahanadi to Pennar)	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	Chikmagalur/Shimoga					
19.	AlmattiDam	Krishna/UpperKrishna/Krishna	Kar	"Kolhapur(Maharashtra)/Bagalkote(Kar)"					
20.	HipparagiBarrage	Krishna/UpperKrishna/Krishna	Kar	Bagalkot,Koppal,Raichur					
21.	NarayanpurDam	Krishna/UpperKrishna/Krishna	Kar	Bagalkot,Raichur					
22.	SingatalurBarrage	Tungabhadra/Krishna/Krishna	Kar	Gadag,Vijayanagara,Dharwad					
23.	Sathnur	Ponnaiar/Middle SouthPennar/East Flow rivers between Penn & Cauvery B	TN	Vizianagaram					
24.	DantiwadaDam	Banas/WesternFlowingRiver (Kutch &Saurashtra)	Guj	Banaskantha					

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

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