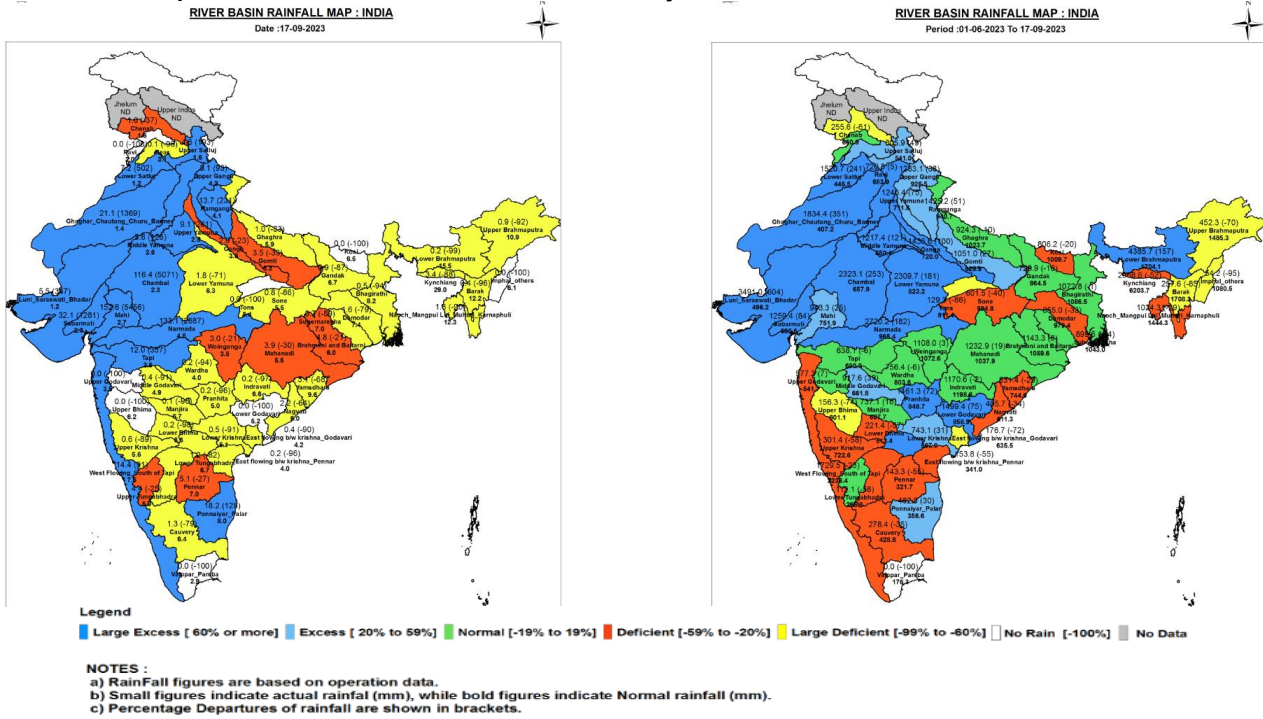




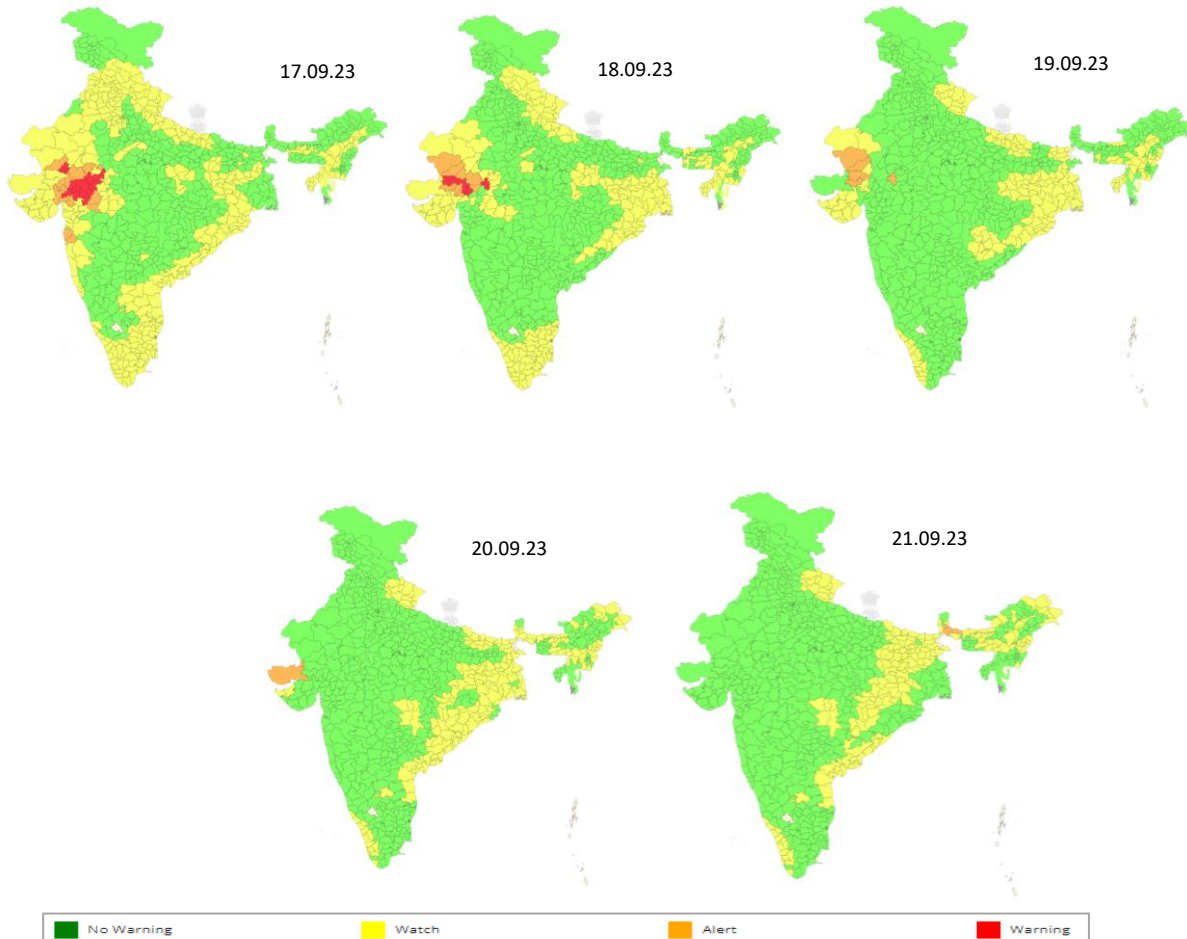
Central Water Commission
Daily Flood Situation Report cum Advisories
17-09-2023

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 17thSeptember 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

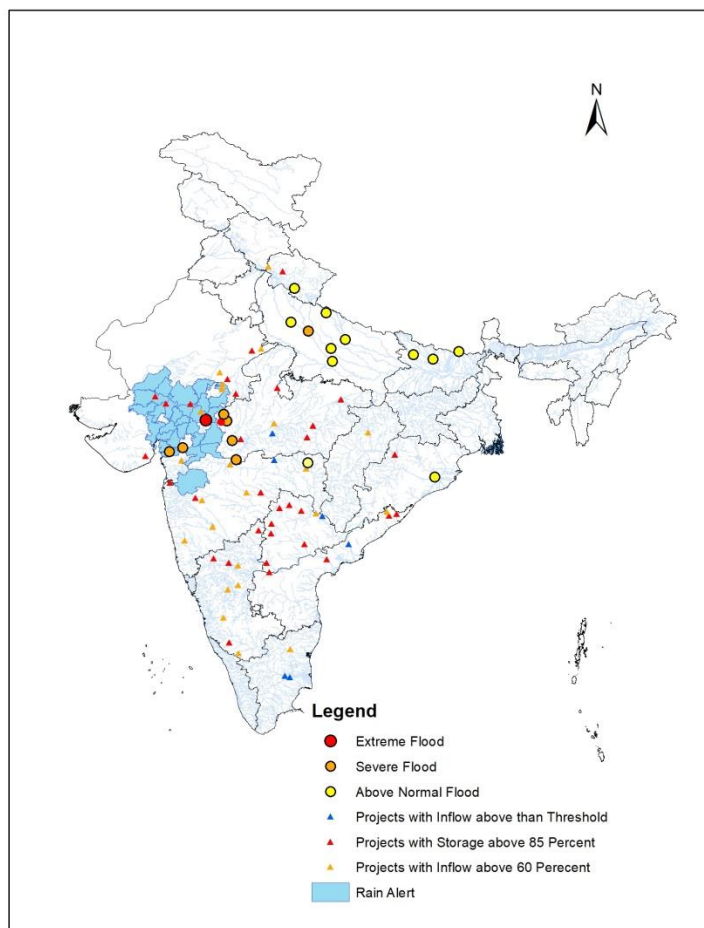
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 17th September, 2023, 3 stations (2 in Gujarat and 1 in Uttar Pradesh) are flowing in Severe Flood Situation. 6 stations (2 in Bihar, 2 in Uttar Pradesh 1 each in Odisha and Gujarat) are flowing in Above Normal Flood situation. Inflow Forecast has been issued for 20 Dams and Barrages (5 in Madhya Pradesh, 4 in Maharashtra, 3 in Gujarat, 2 each in Tamil Nadu and Telangana and 1 each in Andhra Pradesh, Karnataka, Odisha and Uttar Pradesh).

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))	Gujarat(2), Uttar Pradesh(1)	3
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Bihar(2), Gujarat(1), Odisha(1), Uttar Pradesh(2)	6
Total number of sites above Warning Level (A+B+C)			9
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)		Andhra Pradesh(1), Gujarat(3), Karnataka(1), Madhya Pradesh(5), Maharashtra(4), Odisha(1), Tamil Nadu(2), Telangana(2), Uttar Pradesh(1)	20

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb-17.09.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Gujarat

IMD has predicted very heavy to extremely heavy rains in districts **Aravalli, Panchmahal, Dahod, Mahisagar, Anand** (Mahi Basin mainly), **Mehsana, Sabarkantha, Ahmedabad, Gandhinagar, Kheda** (Sabarmati basin mainly), **Banaskantha** (Banas basin mainly), **Baroda** (Vishvamithry river), **Patan**, hence keep alert for water level rise Panam, Mahi, Anas, Sabarmati, Banas, Rel and other small rivers in the above said region. Increased inflows are expected in Kadana, Dharoi, Dantiwada and other major/medium reservoirs in above said regions. Increased inflows are expected to continue in major projects such as Ukai, Sardar Sarovar for next 2 days. All major/medium dams may be operated as per SOP and releases may be done after informing lower riparian regions. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Bharuch	Narmada	Bharuch	Severe	Rising
Garudeshwar	Narmada	Narmada	Severe	Falling
Rajpipla	Karjan (Narmada)	Narmada	Severe	Rising
Wanakbori Weir	Mahi	Mahisagar	Above Normal	Steady

Rajasthan

Due to the presence of Low Pressure Area over the region very heavy to extremely heavy rains are predicted by IMD in districts **Chittorgarh** (Banas river), **Udaipur** (Sabarmati, Mahi river mainly), **Pratapgarh, Banswara, Dungarpur** (Mahi river), **Sirohi** (West Banas river), **Jalore, Barmer**. Keep alert for water level West Banas, Banas, Mahi, Sabarmati, is above mentioned districts.

Madhya Pradesh

Extremely to very heavy rains are expected in districts **Mandsaur, Ratlam, Jhabua, Alirajpur, Dhar, Barwani**. Hence keep alert for water level rise in Chambal, Tapi, Mahi rivers and its tributaries. Due to yesterday's extremely heavy rainfall in the catchment of Chambal, Mahi, Narmada, Tapi basins the current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Palwa	Chamla	Ujjain	Extreme	Rising
Dhareri	Chambal	Ujjain	Extreme	Steady
Maan	Man	Dhar	Extreme	Falling
Mahidpur	Shipra	Ujjain	Severe	Rising
Burhanpur	Tapi	Rajgarh	Severe	Rising
Mortaka	Narmada	Khandwa	Severe	Falling
Ujjain	Shipra	Ujjain	Severe	Falling

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
Dabri	Ramganga	Shahjhanpur	Severe	Falling

Maharashtra

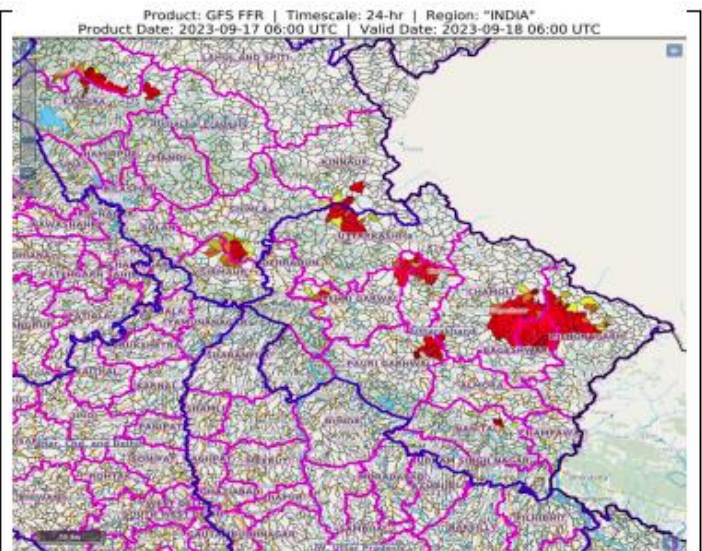
IMD has predicted very heavy rainfall in **Nashik, Nandurbar** districts, alerts for water level may be kept in rivers Damanganaga and Tapi. Current flood situation in the state as per CWC network is as given below:

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 18-09-2023 :

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

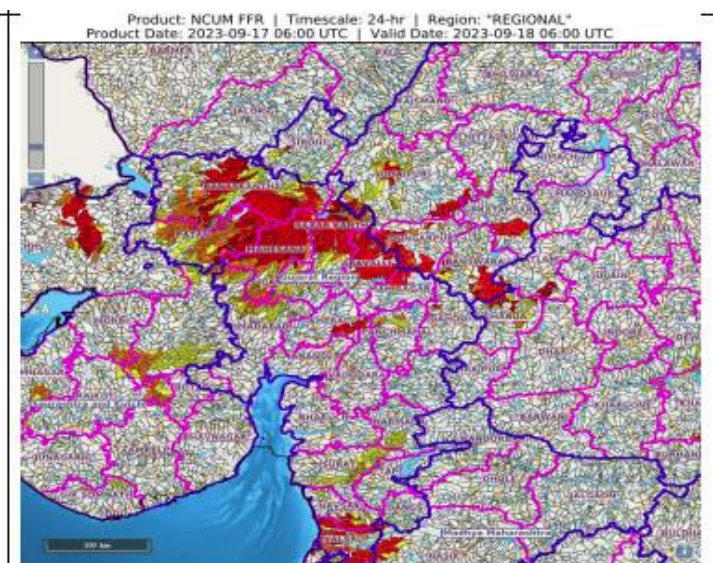
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 18-09-2023 :

Light to Moderate flash flood risk likely over few watersheds & neighbourhoods of Southern part of East Rajasthan, Gujarat Region and adjoining West Madhya Pradesh and Saurashtra & Kutch 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	18-09-2023	19-09-2023	20-09-2023	21-09-2023	22-09-2023	23-09-2023	24-09-2023
1	BHANDARA	WAINGANGA	BHANDARA	Maharashtra	S	S	S	S	S	S	S
2	PAUNI	WAINGANGA	BHANDARA	Maharashtra	S	S	S	S	S	S	S
3	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	AN	AN	S	S	S	S	S
4	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	S	S	AN	AN	AN	AN	AN
5	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	AN	AN	AN	AN	AN	S	S
10	AKHUAPADA	BAITARANI	BHADRAK	Odisha	AN	S	S	S	S	S	S
12	KASHINAGAR	VAMSADHARA	GAJAPATI	Odisha	AN	S	S	S	S	S	S
13	NARAJ	MAHANADI	CUTTACK	Odisha	AN	AN	AN	AN	AN	AN	AN
15	DARAULI	GHAGRA	SIWAN	Bihar	AN	AN	AN	AN	AN	AN	AN
18	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
24	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	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 17thSeptember2023

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(Telangana)/Metpally, Mancherial(Telangana)					
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.	Maddigedda//EastFlowingRivers betweenMahanadiandGodavari	AP	Vizianagaram					
11.	GottaBarrage	Vamsadhara/Vamsadhara/EFR (MahanaditoPennar)	AP	Srikakulam					
12.	PrakasamBarrage	Krishna//LowerKrishna/Krishna	AP	Krishna/Guntur					
13.	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Tel)					
14.	KaranjaDam	Karanja/Manjira/Godavari	kar	Bidar(Kar),Vikarabad(Tel)/Bidar(Kar)Bidar					
15.	kabini	Kabini/Kabini/Cauvery	Kar	Wayanad(Ker)/Mysuru(Kar)					
16.	HarangiDam	Harangi/Harangi/Cauvery	Kar	Kodagu/Mysuru,Hassan					
17.	BhadraDam	Bhadra/UppTungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
18.	AlmattiDam	Krishna/UpperKrishna/Krishna	Kar	"Kolhapur(Maharashtra)/Bagalkote(Kar)"					
19.	TungabhadraDam	Tungabhadra/MidTung/Krishna	Kar	Gadag/Bellary,Koppal,Raichur					
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/EastFlowriversbetween PennarandCauveryBasin	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/wHosangabaadtoSSP/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.	UpperWardhaProject	Wardha/Wardha/Godavari	Mah	Wardha,Amravati					
31.	NMDWeir	Godavari/UpperGodavari/Godavari	Mah	Nasik,Ahmadnagar					
32.	TotladohProject	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
33.	Gosikhurd Dam	Wainganga/Wainganga/Godavari	Mah	Nagpur, Bhandara/Chandrapur, Gadchiroli					
34.	Yeldari Dam	Purna/Purna/Godavari	Mah	Hingoli, Parbhani/Nanded					
35.	WaranaDam	Warnariver/UpperKrishna/Krishna	Mah	Sangli,Kolhapur					
36.	Issapur/UpperPengangaProject	Kayadhu/Penganga/Godavari	Mah	Hingoli,Yavatmal					
37.	HathnurDam	Hatnur/UpperTapi/Tapi	Mah	Burhanpur(MP)/Jalgaon(Mah)					
38.	MulaDam	Mula/UpperGodavari/Godavari	Mah	Ahmadnagar					
39.	KoynaDam	Koyna/UpperKrishna/Krishna	Mah	Satara					
40.	Ujjani Dam	Bhima/Upper Bhima/Krishna	Mah	Pune, Solapur					
41.	RanaPratapSagar	Chambal/UpperChambal/Ganga	Raj	Neemuch(MP)/Dholpur,Kota,Bundi(Raj)					
42.	KotaBarrage	Chambal/UpperChambal/Ganga	Raj	Neemuch(MP)/Dholpur,Kota,Bundi(Raj)					
43.	BisalpurDam	Banas/MiddleChambal/Ganga	Raj	Bhilwara/Tonk					
44.	GudhaDam	Mejchambal/MiddleChambal/Ganga	Raj	Bhilwara/Bundi					
45.	SomKamlaAmbaDam	Som/MahiB/Mahi	Raj	Udaipur/Dungarpur					
46.	MahiBajajsagarDam	Mahi/MahiB/Mahi	Raj	Ratlam(MP)/Banswara,Pratapgarh,Dungapur(Raj)					
47.	PanchanaDam	Gambhiri/LowerChambal/Ganga	Raj	Karauli,Bharatpur					
48.	ParwatiWeir	Parbati/LowerChambal/Ganga	Raj	Dholpur					
49.	KalisindhDam	Kalisindh/MiddleChambal/Ganga	Raj	Shajapur,Rajgarh(MP)/Jhalawar(Raj)					
50.	BargiDam	Narmada/UpperNarmada/Narmada	MP	Mandla,Seoni,Jabalpur,Narsimhapur					
51.	PenchReservoir	Pench/Godavari	MP	Chhindwara/Seoni					
52.	BarnaDam	Barna/MiddleNarmada/Narmada	MP	Raisen					
53.	SanjaySarovarProject(UwenPro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
54.	GandhisagarDam	Chambal/UpperChambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
55.	IndiraSagarDam	Narmada/Narmadab/wHosangabadtoSSP/Narmada	MP	Harda,Dewas,Khandwa/Khargone					
56.	TawaDam	Tawa/MiddleNarmada/Narmada	MP	Betul,Hoshnabad/Sehore					
57.	Bansagar	Sone/UpperSone/Ganga	MP	Shahdol					

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