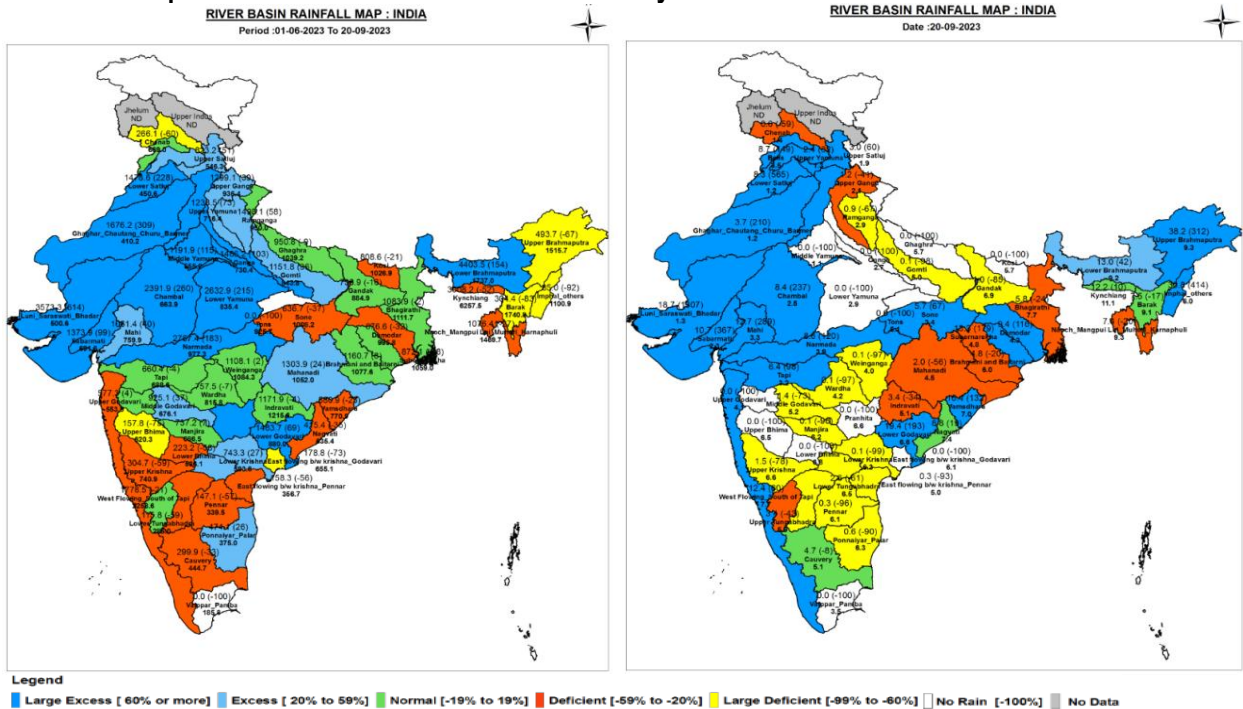




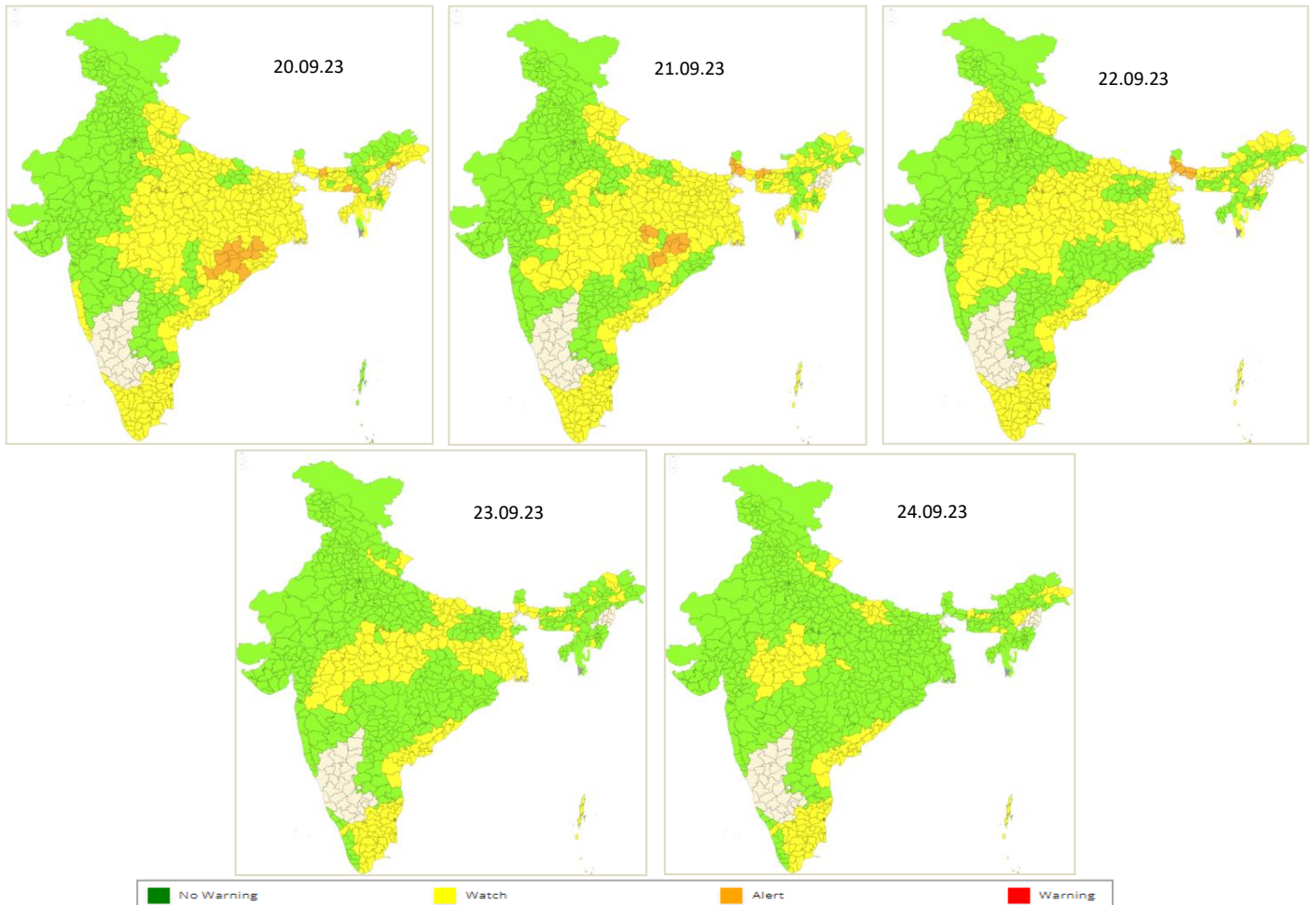
Central Water Commission
Daily Flood Situation Report cum Advisories
20-09-2023

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 20th September 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

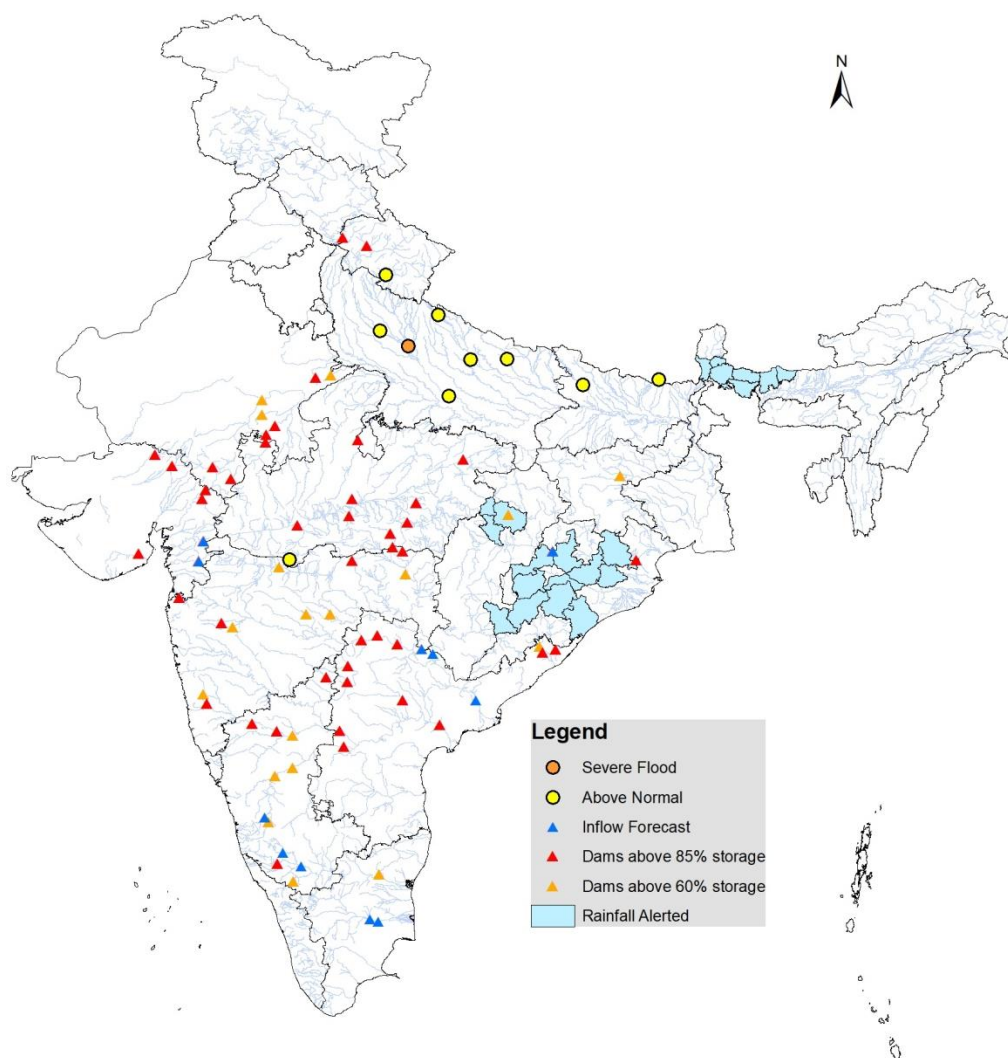
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 20th September, 2023, 1 Station Uttar Pradesh are flowing in Severe Flood Situation. 3 stations (2 in Uttar Pradesh and 1 in Bihar) are flowing in Above Normal Flood situation. Inflow Forecast has been issued for 11 Dams and Barrages (3 in Karnataka, 2 each in Tamilnadu, Gujarat and Telangana & 1 each in Andhra Pradesh and Odisha).

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))	Uttar Pradesh(1)	1
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Bihar(1), Uttar Pradesh(2)	3
Total number of sites above Warning Level (A+B+C)			4
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(2), Karnataka(3), Odisha(1), Tamil Nadu(2), Telangana(2)	11

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb-20.09.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Odisha

Due to the presence of Low Pressure Area in North West Bay of Bengal off North Odisha-West Bengal Coast, IMD has predicted very heavy rains in Odisha for next 48 hours. Accordingly, keep alert for water level rise in river Brahmani in districts **Sundargarh, Deogarh, Dhenkanal**; river Baitarni in district; **Keonjhar**, rivers of Mahanadi in districts **Jharsuguda, Bargarh, Sambalpur, Angul, Sonapur, Boudh, Nuapada, Bolangir, Kalahandi, Kandhamal**; river Nagavalli in district **Kalahandi**; river Indravati in district **Nawrangpur**; river Rushikulya in district **Ganjam**. Surface flow is expected to be more as this is going to be the 2nd rainfall scenario in the region after that happened during last week. All major/medium dams may be operated as per SOP and releases may be done after informing lower riparian regions.

Chattisgarh

Due to the expected advent of Low Pressure Area over the state, very heavy rains are expected in districts such as **Korba, Bilaspur, Gaurela Pendra Marwahi**, hence keep alert for water level rise in rivers of Mahanadi in above said regions. All major/medium dams may be operated as per SOP and releases may be done after informing lower riparian regions.

Sub-Himalayan West Bengal

Since IMD as predicted very heavy rains in Sikkim and districts such **Darjeeling and Jalpaiguri** hence keep alert for water level rise in rivers of Mahananda, Teesta and Jaldhaka.

Uttar Pradesh

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

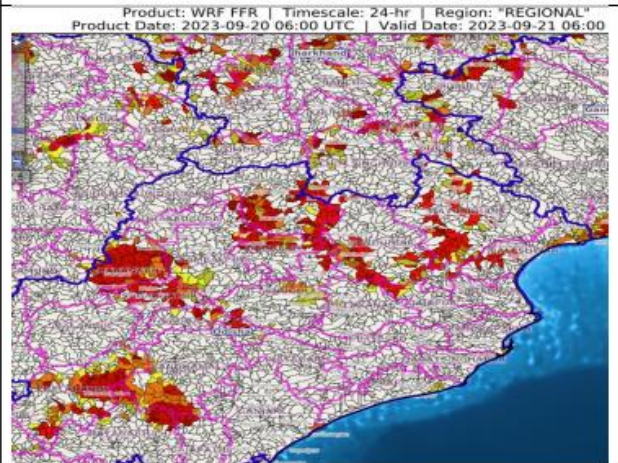
CWC Site	River	District	Flood Type	Trend in Water Level
Dabri	Ramganga	Shahjhanpur	Severe	Steady
Chandradeepghat	Kwano	Gonda	Above Normal	Rising
Bhitaura	Ganga	Fatehpur	Above Normal	Rising
Kachlabridge	Ganga	Budaun	Above Normal	Rising
Paliakalan	Sarda	Kheri	Above Normal	Steady

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 21-09-2023 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Odisha** and **adjoining South Jharkhand** Met Sub-divisions during next 24 hours.

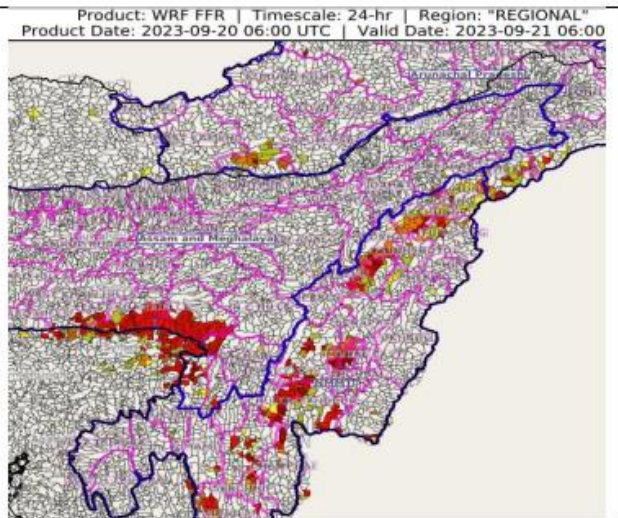
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 21-09-2023 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **South Arunachal Pradesh, Assam & Meghalaya** and **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.



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	21/09/2023	22/09/2023	23/09/2023	24/09/2023	25/09/2023	26/09/2023	27/09/2023
1	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	S	AN	AN	AN	AN	AN	AN
2	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	AN	AN	AN	S	S	S	S
3	KACHHLABRIDGE	GANGA	BUDAUN	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 20thSeptember 2023

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/DSDistrict	Rainfall situation				
					Day1	Day2	Day3	Day4	Day 5
1.	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					
2.	Sripada Yellampally	Godavari/Midd Godavari/Godavari	Tel	Mancherial/Jaishankar Bhupalpally					
3.	Singur Dam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
4.	Laxmi Barrage	Godavari/Lower Godavari/Godavari	Tel	Jaishankar Bhupalpally/Peddapalli/Mulugu					
5.	Sriramasagar	Godavari/Middle Godavari/Godavari	Tel	Nanded(Mah), Nirmal, Metpally, Mancherial(Tel)					
6.	Nizamsagar Dam	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
7.	Kaddam Dam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad, Nirmal/Mancherial					
8.	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/Jogalamba Gadwal(Tel)					
9.	Thottapalli Reservoir	Vaigai/Upper Vaigai/ Eastflowing rivers south of Cauvery Basin	AP	Vizianagaram					
10.	Madduvalasa Reser.	Nagavali/EFR (Mahanadi to Pennar)	AP	Vizianagaram					
11.	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
12.	Prakasam Barrage	Krishna//Lower Krishna/Krishna	AP	Krishna/Guntur					
13.	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/Jogalamba Gadwal(Tel)					
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.	Bhadra Dam	Bhadra/Upp Tungabhadra/Krishna	Kar	Chikmagalur/Shimoga					
18.	Almatti Dam	Krishna/Upper Krishna/Krishna	Kar	"Kolhapur(Maharashtra)/Bagalkote(Kar)"					
19.	Tungabhadra Dam	Tungabhadra/Mid Tung/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
20.	Hipparagi Barrage	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Koppal, Raichur					
21.	Narayanpur Dam	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Raichur					
22.	Singatalur Barrage	Tungabhadra/Krishna/Krishna	Kar	Gadag, Vijayanagara, Dharwad					
23.	Sathnur	Ponnaiar/Middle South Pennar/East Flow rivers between Penn & Cauvery B	TN	Vizianagaram					
24.	Dantiwada Dam	Banas/Western Flowing River (Kutch & Saurashtra)	Guj	Banaskantha					
25.	Dharoi Dam	Sabarmati/Sabarmati Basin	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.	Panam Dam	Panam/Lower Mahi/ Mahi	Guj	Panchmahal					
31.	Kadana	Mahi/ Lower Mahi/ Mahi	Guj	Mahisagar					
32.	UpperWardhaProject	Wardha/Wardha/Godavari	Mah	Wardha,Amravati					
33.	NMDWeir	Godavari/UpperGodavari/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/UpperPengangaProject	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.	BisalpurDam	Banas/MiddleChambal/Ganga	Raj	Bhilwara/Tonk					
45.	GudhaDam	Mejchambal/MiddleChambal/Ganga	Raj	Bhilwara/Bundi					
46.	SomKamlaAmba Dam	Som/MahiB/Mahi	Raj	Udaipur/Dungarpur					
47.	Mahi Bajaj sagar Dam	Mahi/MahiB/Mahi	Raj	Ratlam(MP)/Banswara,Pratapgarh,Dungapur(Raj)					
48.	PanchanaDam	Gambhiri/LowerChambal/Ganga	Raj	Karauli,Bharatpur					
49.	ParwatiWeir	Parbati/LowerChambal/Ganga	Raj	Dholpur					
50.	Bargi Dam	Narmada/UpperNarmada/Narmada	MP	Mandla,Seoni/Jabalpur,Narsimhapur					
51.	PenchReservoir	Pench/Godavari	MP	Chhindwara/Seoni					
52.	Barna Dam	Barna/MiddleNarmada/Narmada	MP	Raisen					
53.	SanjaySarovarProject(UwenPro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
54.	Bawanthadi Reser.	Bawanthri/Godavari/Godavari	MP	Seoni/Balaghat					
55.	GandhisagarDam	Chambal/UpperChambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
56.	IndiraSagarDam	Narmada/Narmadab/wHosangabadtoSSP/Narmada	MP	Harda,Dewas,Khandwa/Khargone					
57.	TawaDam	Tawa/MiddleNarmada/Narmada	MP	Betul,Hoshnabad/Sehore					
58.	Bansagar	Sone/UpperSone/Ganga	MP	Shahdol					

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