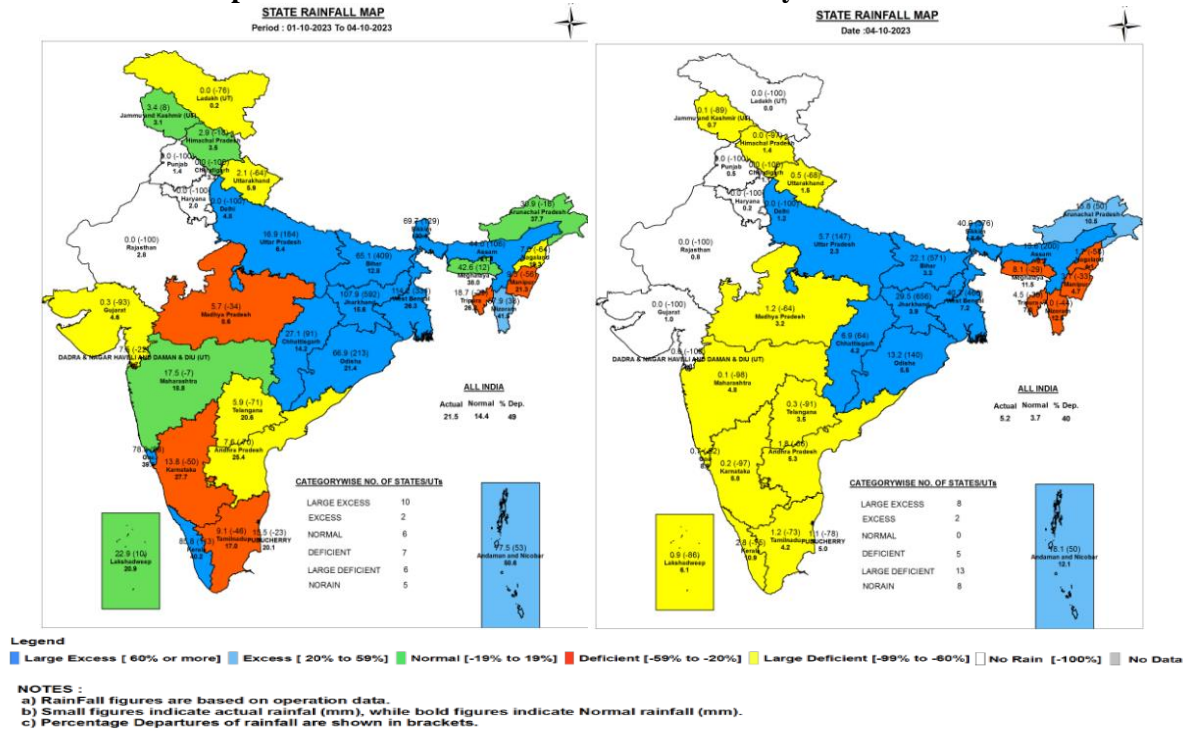




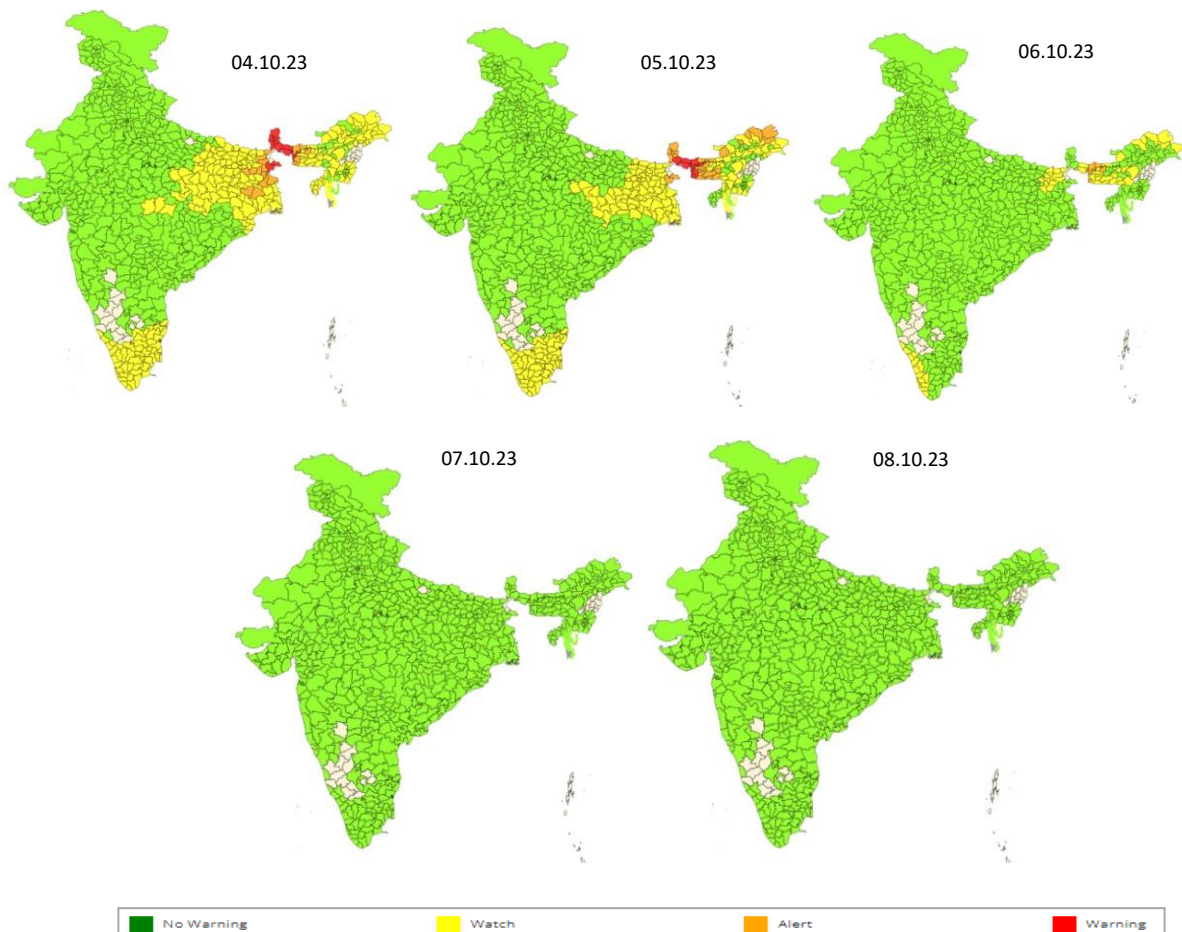
Central Water Commission
Daily Flood Situation Report cum Advisories
04-10-2023

1.0 Rainfall Situation

1.1 State wise departure from normal of cumulative and daily rainfall



1.2 Rainfall forecast for next 5 days issued on 04th October 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

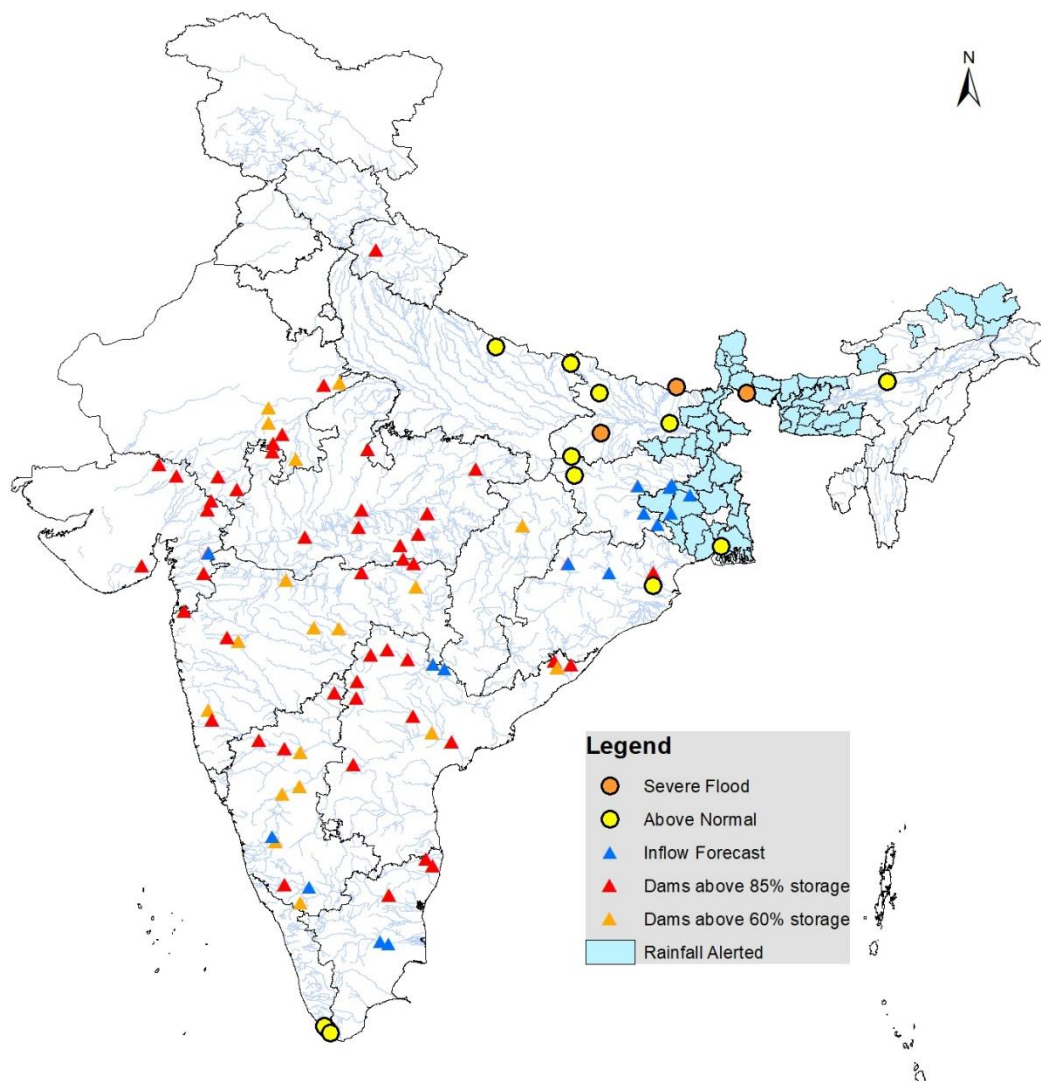
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 04th October, 2023, 1 station in West Bengal is flowing in Severe Flood Situation, 6 stations (2 in Bihar and 1 each in Assam, Odisha, Uttar Pradesh & West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 16 Dams and Barrages (5 in Jharkhand, 2 each in Karnataka, Odisha, Telangana, West Bengal and Tamil Nadu and 1 in Gujarat).

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))	West Bengal(1)	1
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(1), Bihar(2), Odisha(1), Uttar Pradesh(1), West Bengal(1)	6
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(1), Jharkhand(5), Karnataka(2), Odisha(2), Tamil Nadu(2), Telangana(2), West Bengal(2)	16

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb-04.10.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

West Bengal

Due to persistence of Low Pressure Area over western parts of Gangetic West Bengal and adjoining Jharkhand, very heavy to extremely heavy rains are expected in **almost all districts of the state**. Also extremely heavy rains occurred in Kolkata, **Paschim and Purba Medinipur districts in last 24 hours**. Increase runoff and water level rise is expected in Subarnarekha, Kasai, Mayurakshi, Damodhar, Mahananda, and other tributaries of Ganga in the state.

In Sub-Himalayan West Bengal IMD has predicted very heavy rains in **Kalimpong, Darjeelimg, Jalpaiguri, Alipurduar, Coochbehar districts**, hence keep alert for water level rise Teesta, Torsa, Jaldhaka, Raidak rivers for next 48 hrs. The runoff caused due to outburst of lake Lohrak and Teesta Dam III in North Sikkim is still passing through Teesta river in the state. All major /medium dams may be operated as per SOP and releases may be done after informing lower riparian regions.

CWC Site	River	District	Flood Type	Trend in Water Level
Mekhliganj	Teesta	Cooch Behar	Severe	Steady

Sikkim

Entire state is expected extremely heavy rains and hence keep alert for water level rise and flood like situation in river Teesta, Rangit, Rangpochu and other small rivers in the state for next 48 hours. All major /medium dams may be operated as per SOP and releases may be done after informing lower riparian regions. The runoff caused due to outburst of lake Lohrak and Teesta Dam III in North Sikkim is still passing through Teesta river in the state. As per CWC network Teesta river is flowing in steady to decreasing trend.

Assam

Very heavy to extremely heavy rains are expected in districts **South Salmara Manachar, Dhubri, Kokrajhar, Chirang, Barpeta, Bongaigoan, Baksa, Goalpara**. Very heavy rains are also expected in Meghalaya. Keep alert for water level rise rivers Sankosh, Beki, Manas and other tributaries of Brahmaputra in above said districts. Keep alert for flood like situations in lower Brahmaputra regions in the state.

Jharkhand

Keep alert for water level rise in Gumani, Sundar and other tributaries of Ganga in districts **Gooda, Sahebganj and Pakur districts**. All major /medium dams may be operated as per SOP and releases may be done after informing lower riparian regions.

CWC Site	River	District	Flood Type	Trend in Water Level
Daltonganj	North Koel	Palamau	Above Normal	Rising
Japla	Sone	Palamau	Above Normal	Steady

Bihar

Very heavy rains are expected in **Kishanganj, Purnea, Katihar, Banka and Jamui districts**, hence keep alert for water level rise in Mahananda, Kiul, Chandan and other small rivers in above said regions.

CWC Site	River	District	Flood Type	Trend in Water Level
Kinjer	Punpun	Arwal	Severe	Rising
Dumariaghat	Gandak	Gopalganj	Above Normal	Rising
Baltara	Kosi	Khagaria	Above Normal	Steady

Kerala

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

CWC Site	River	District	Flood Type	Trend in Water Level
Aruvipuram	Neyyar	Thiruvananthapuram	Above Normal	Falling
Vellaikadavu	Karamana	Thiruvananthapuram	Above Normal	Steady

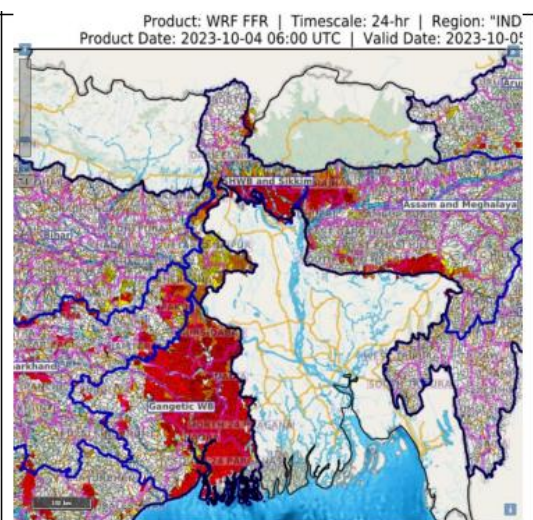
2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 05-10-2023 :

Moderate to High flash flood risk likely over few watersheds & neighbourhoods of **Gangetic West Bengal** and **SHWB & Sikkim** adjoining **Assam & Meghalaya** Met Sub-divisions during next 24 hours.

Low flash flood risk likely over few watersheds and neighbourhoods of **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.



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	05-10-2023	06-10-2023	07-10-2023	08-10-2023	09-10-2023	10-10-2023	11-10-2023
1	BALTARA	KOSI	KHAGARIA	Bihar	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 04thOctober 2023

Reservoirs Position

Storage above 85%	
Storage above 60%	



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	Mancherla/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, Mancherla(Tel)					
6.	Nizamsagar Dam	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
7.	Kaddam Dam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad, Nirmal/Mancherla					
8.	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
9.	Madduvalasa Reser.	Nagavali/EFR(Mahanadi to Pennar)	AP	Vizianagaram					
10.	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
11.	Prakasam Barrage	Krishna/Lower Krishna/Krishna	AP	Krishna/Guntur					
12.	Pulichintala Dam	Krishna/Lower Krishna/Krishna	AP	Nalgonda(Tel)/Guntur, Krishna(AP)					
13.	Sunkesula	Tungabhadra/ Lower 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/Upper Tungabhadra/Krishna	Kar	Chikmagalur/Shimoga					
18.	Almatti Dam	Krishna/Upper Krishna/Krishna	Kar	"Kolhapur(Maharashtra)/Bagalkote(Kar)"					
19.	Hipparagi Barrage	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Koppal, Raichur					
20.	Narayanpur Dam	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Raichur					
21.	Singatalur Barrage	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag, Vijayanagara, Dharwad					
22.	Sathnur	Ponnaiar/Middle South Pennar/East Flow rivers between Penn	TN	Vizianagaram					

		&Cauvery B							
23.	DantiwadaDam	Banas/WesternFlowingRiver (Kutch&Saurashtra)	Guj	Banaskantha					
24.	DharoiDam	Sabarmati/SabarmatiBasin	Guj	Mehsana					
25.	ShetrunjiDam	Shetrunji/WFR(Kutch&Saurashtra)	Guj	Bhavnagar					
26.	SardarSarovarDam	Narmada/Narmada/w HosangabaadtoSSP/Narmada	Guj	Nrmada(Guj),Nadurbar(MP)/Narmada, Vadodra,Bharuch(Guj)					
27.	UkaiDam	Tapi/LowTapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/Surat(Guj)					
28.	MadhubanDam	Damanganga/Damanganga	Guj	Valsad(Guj)/Selvasa(UTofDNH)					
29.	Panam Dam	Panam/Lower Mahi/ Mahi	Guj	Panchmahal					
30.	Kadana	Mahi/ Lower Mahi/ Mahi	Guj	Mahisagar					
31.	UpperWardha Project	Wardha/Wardha/Godavari	Mah	Wardha,Amravati					
32.	NMDWeir	Godavari/Upper Godavari/Godavari	Mah	Nasik,Ahmadnagar					
33.	TotladohProject	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
34.	Gosikhurd Dam	Wainganga/Wainganga/Godavari	Mah	Nagpur, Bhandara/Chandrapur, Gadchiroli					
35.	Yeldari Dam	Purna/Purna/Godavari	Mah	Hingoli, Parbhani/Nanded					
36.	WaranaDam	Warnariver/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
37.	Issapur/Upper PengangaProject	Kayadhu/Penganga/Godavari	Mah	Hingoli,Yavatmal					
38.	HathnurDam	Hatnur/UpperTapi/Tapi	Mah	Burhanpur(MP)/Jalgaon(Mah)					
39.	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
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.	KotaBarrage	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/MiddleChambal/Ganga	Raj	Bhilwara/Bundi					
47.	SomKamlaAmbaDam	Som/Upper Mahi/Mahi B	Raj	Udaipuri/Dungarpur					
48.	MahiBajajsagarDam	Mahi/Upper Mahi/Mahi B	Raj	Ratlam(MP)/Banswara,Pratapgarh,Dungapur(Raj)					
49.	PanchanaDam	Gambhiri/LowerChambal/Ganga	Raj	Karauli,Bharatpur					
50.	ParwatiWeir	Parbati/LowerChambal/Ganga	Raj	Dholpur					
51.	BargiDam	Narmada/UpperNarmada/Narmada	MP	Mandla,Seoni/Jabalpur,Narsimhapur					
52.	PenchReservoir	Pench/Wainganga/Godavari	MP	Chhindwara/Seoni					
53.	BarnaDam	Barna/MiddleNarmada/Narmada	MP	Raisen					

54.	SanjaySarovar Project(UwenPro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
55.	BawanthadiReser.	Bawantri/Wainganga/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.	RajghatDam	Betwa/Betwa/Ganga	MP	AshokNagar					
61.	TehriDam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/TehriGarhwal/PauriGarhwal					
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.	Rengali Dam	Brahmani River/Brahmani and Baitarni	Odisha	Deogarh/Angul, Dhenkanal					
66.	UpperIndravathiproj	Indravati/Indravati/Godavari	Odisha	Kalahandi,Nabarangpur,Koraput/Norangpur(Odis ha), Bastra(Chsgrh)					
67.	Kolab Project	Kolab/Sabari/Godavari	Odisha	Koraput					
68.	TenughatDam	Damodar/Damodar/Ganga	Jharkhand	Ramgarh, Bokaro, Dhanbad					
69.	PoondiSatyamurthy reservoir	Kosasthalaiyar/Kosasthalaiyar/East flowing rivers between Pennar and Kanyakumari Basin	TN	Thiruvallur/Chennai					
70.	Chembarambakkam	Adyar/Adyar/ East flowing rivers between Pennar and Kanniyumari Basin	TN	Thiruvallur/Chennai					

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