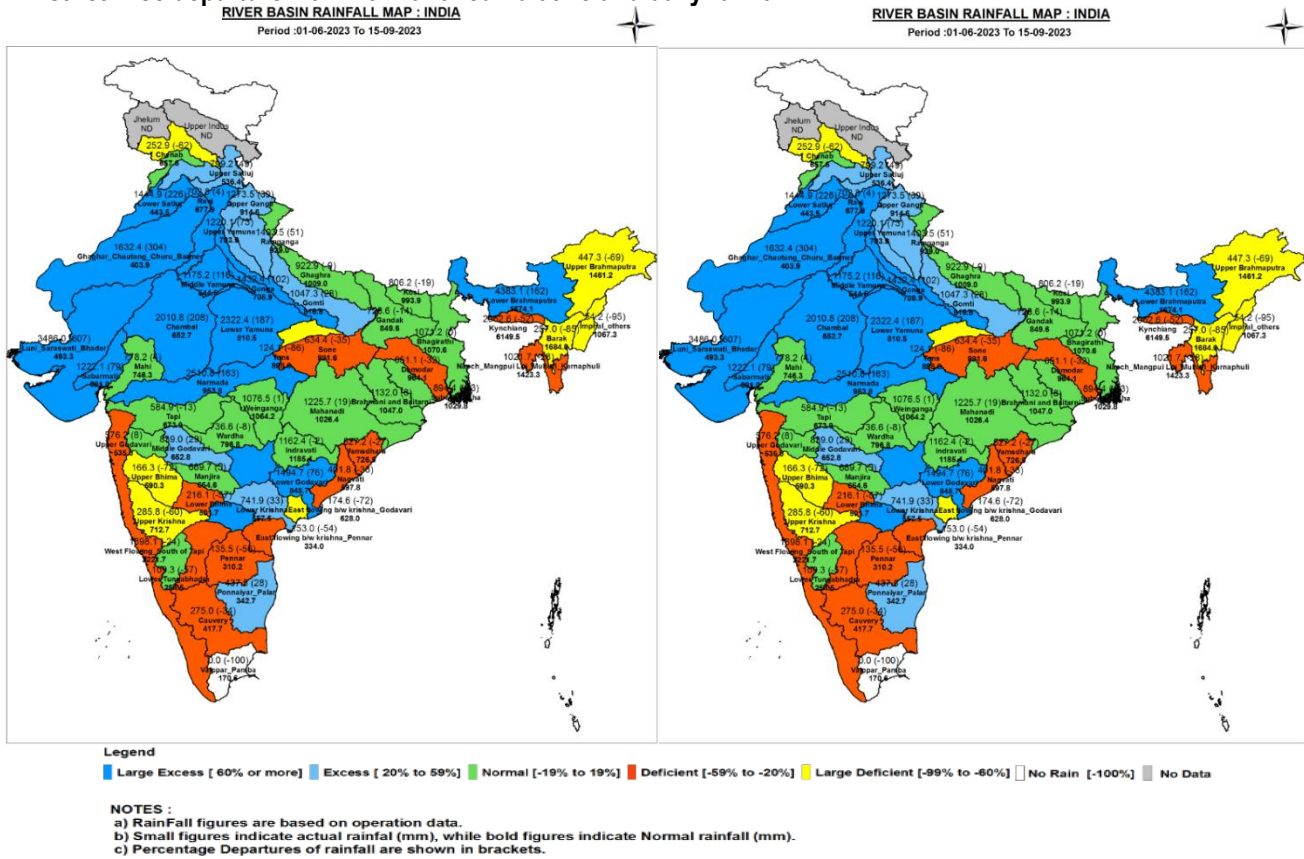




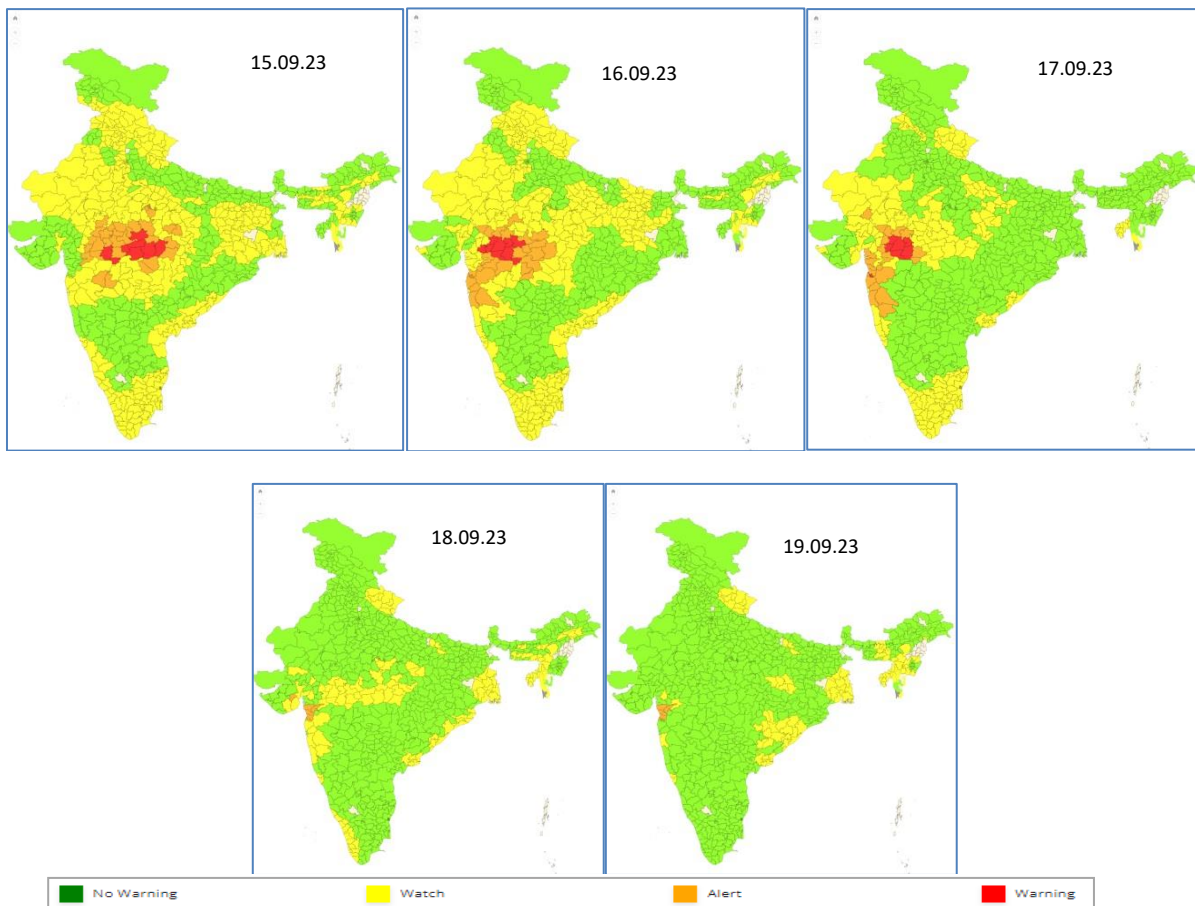
Central Water Commission
Daily Flood Situation Report cum Advisories
15-09-2023

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 15th September 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

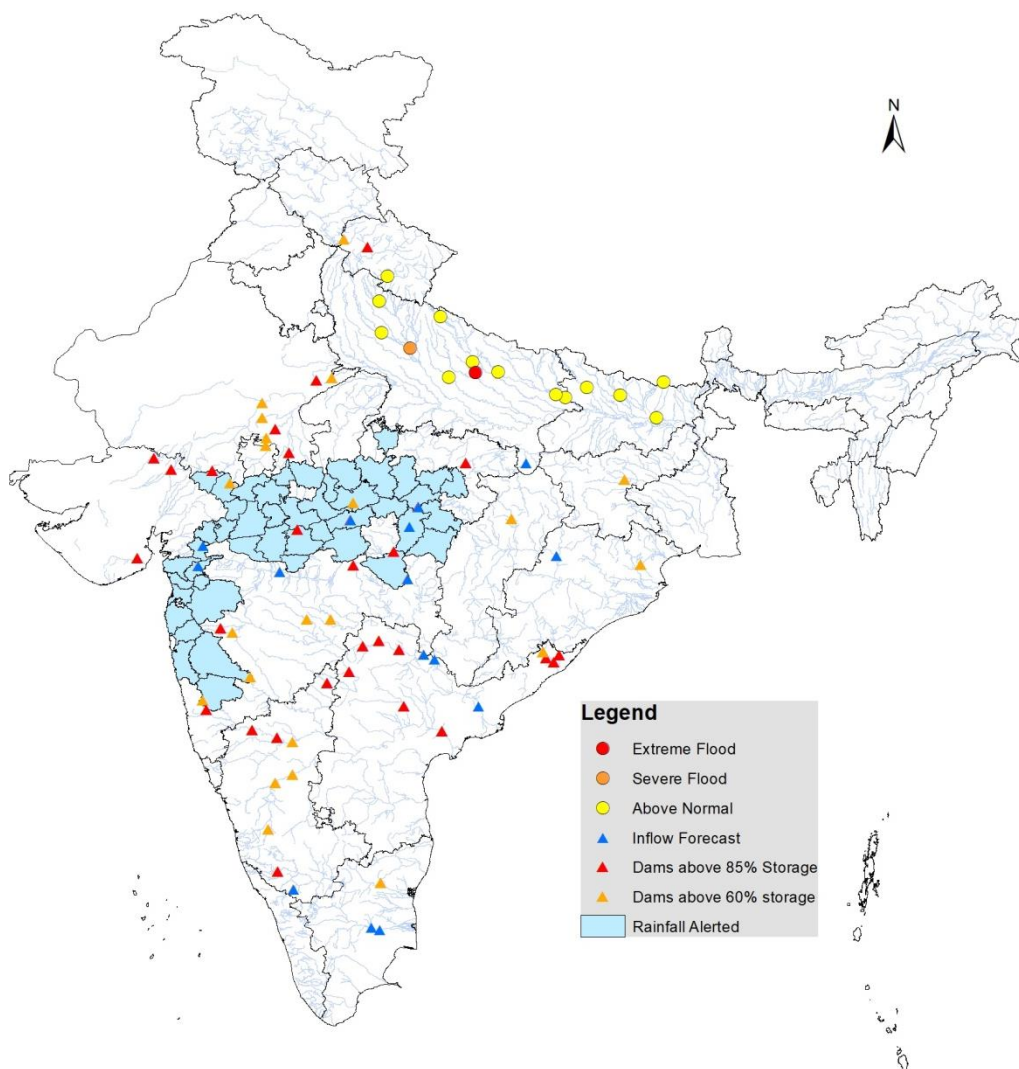
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 15th September, 2023, 1 station in Uttar Pradesh is flowing in Severe Flood Situation, 9 stations (5 in Uttar Pradesh & 4 in Bihar) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 15 Dams and Barrages (3 in Madhya Pradesh, 2 each in Gujarat, Maharashtra, Tamil Nadu & Telangana & 1 each in Andhra Pradesh, Karnataka, Odisha & Uttar Pradesh).

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(4), Uttar Pradesh(5)	9	
Total number of sites above Warning Level (A+B+C)			10	
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(1), Madhya Pradesh(3), Maharashtra(2), Odisha(1), Tamil Nadu(2), Telangana(2), Uttar Pradesh(1)	15	

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb-15.09.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Madhya Pradesh

Well marked low pressure area is currently over East M.P and neighborhood; hence very heavy to extremely heavy rains are expected in the catchment of Narmada, Mahi, Tapi basins mostly for 2 days. Hence keep alert for water level rise in river Narmada and its tributaries in districts **Raisen, Narmadapuram, Betul, Harda, Khandwa, Khargone, Barwani, Alirajpur, Jhabua, Dhar, Dewas, Jabalpur, Narsinghpur, Chhindwara, Seoni, Mandla, Balaghat**; Tapi in districts **Betul, Burhanpur, Khandwa**; Chambal in districts **Bhopal, Sehore, Rajgarh, Indore, Ratlam, Ujjain, Dewas, Shajapur, Agar Malwa, Mandsaur**; Wainganga in districts **Chhindwara, Seoni, Mandla, Balaghat**; Mahi in districts **Jhabua, Ratlam, Dhar**; Betwa in districts **Vidisha, Sagar, Tikamgarh, Niwari**.

Due to Yesterdays' very heavy rains majorly in **Seoni, Balaghat, Mandla, Chhindwara** districts many tributaries of Wainganga (Jam, Bagh, Chandan etc) and Narmada (Banjar, Gour etc) are getting increased runoff as observed by CWC network.

Maharashtra

Under the effect of well marked low pressure area many parts of the state are expected to get very heavy rains. Hence keep alert for water level rise in Tapi river and its tributaries in districts **Dhule, Nandurbar, Jalgaon, Nasik, Akola, Amravati**, rivers of Krishna in districts **Pune, Satara**; river of Godavari in **Amravathi, Nagpur, Wardha and Washim**.

Due to identification of monsoon current very heavy rains are also expected in rivers Vaitarna, Ulhas, Patalganaga, Amba in districts **Palghar, Thane, Raigad**. All major/medium dams may be operated as per SOP and releases may be done after informing lower riparian regions.

Gujarat

IMD has predicted very heavy rains in south Gujarat in districts **Chhata Udepur, Narmada, Surat, Tapi, Dangs, Navsari and Valsad**. Hence keep alert for water level rise in Lower Narmada, Lower Tapi, Damanganga and other small rivers in the above said region. All major/medium dams may be operated as per SOP and releases may be done after informing lower riparian regions.

Odisha

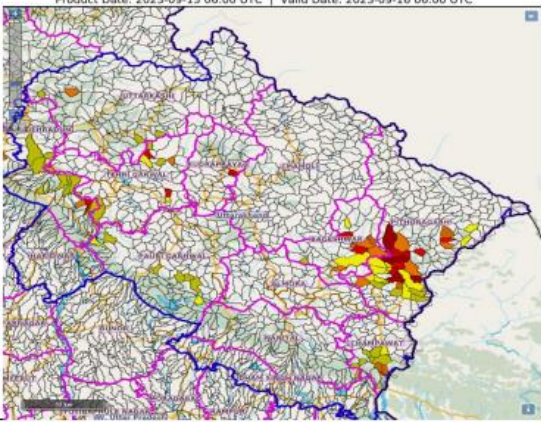
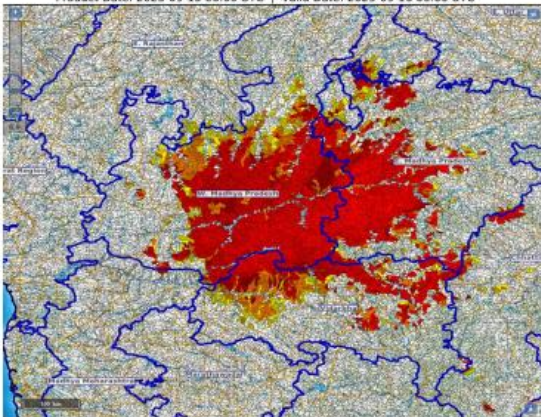
Due passage of well marked low pressure area and associated very heavy rains that occurred in the catchment of Mahanadi basin in Chhattisgarh and Odisha in past day's, water levels in main stem of Mahanadi is expected to rise in coming 2 days.

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
Ramsanehighat	Kalyani	Barabanki	Extreme	Rising
Dabri	Ramganaga	Shahjhanpur	Severe	Rising
Turtipar	Ghagra	Ballia	Above Normal	Falling
Ayodhya	Ghagra	Ayodhya	Above Normal	Falling
Elginbridge	Ghagra	Barabanki	Above Normal	Steady

2.3.Flash Flood Guidance

<p><u>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 16-09-2023 :</u></p> <p>Moderate flash flood risk likely over few watersheds & neighbourhoods of Uttarakhand Met Sub-divisions during next 24 hours.</p> <p>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.</p>	<p>Product: WRF FFR Timescale: 24-hr Region: "INDIA" Product Date: 2023-09-15 06:00 UTC Valid Date: 2023-09-16 06:00 UTC</p> 
<p><u>24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 16-09-2023 :</u></p> <p>Moderate flash flood risk likely over few watersheds & neighbourhoods of East Madhya Pradesh, West Madhya Pradesh adjoining Vidarbha Met Sub-divisions during next 24 hours.</p> <p>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.</p>	<p>Product: WRF FFR Timescale: 24-hr Region: "REGIONAL" Product Date: 2023-09-15 06:00 UTC Valid Date: 2023-09-16 06:00 UTC</p> 

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	16-09-2023	17-09-2023	18-09-2023	19-09-2023	20-09-2023	21-09-2023	22-09-2023
1	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	AN	AN	S	S	S	S	S
2	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	S	S	AN	AN	AN	AN	AN
3	DARAULI	GHAGRA	SIWAN	Bihar	AN	AN	S	S	S	S	S
4	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	AN	S	S	S	S	S	S
5	KASHINAGAR	VAMSADHARA	GAJAPATI	Odisha	AN	AN	AN	S	S	S	S
6	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
7	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
8	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	AN	AN	AN	AN	AN	AN	AN
9	DHENG BRIDGE	BAGMATI	SITAMARHI	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 15th September 2023

Reservoirs Position

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(Telangana)/Metpally, Mancherial(Telangana)					
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/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
10.	Madduvalasa Reser.	Maddigedda//East Flowing Rivers between Mahanadi and Godavari	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/Upper 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 Flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
24.	Dantiwada Dam	Banas/Western Flowing River (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