



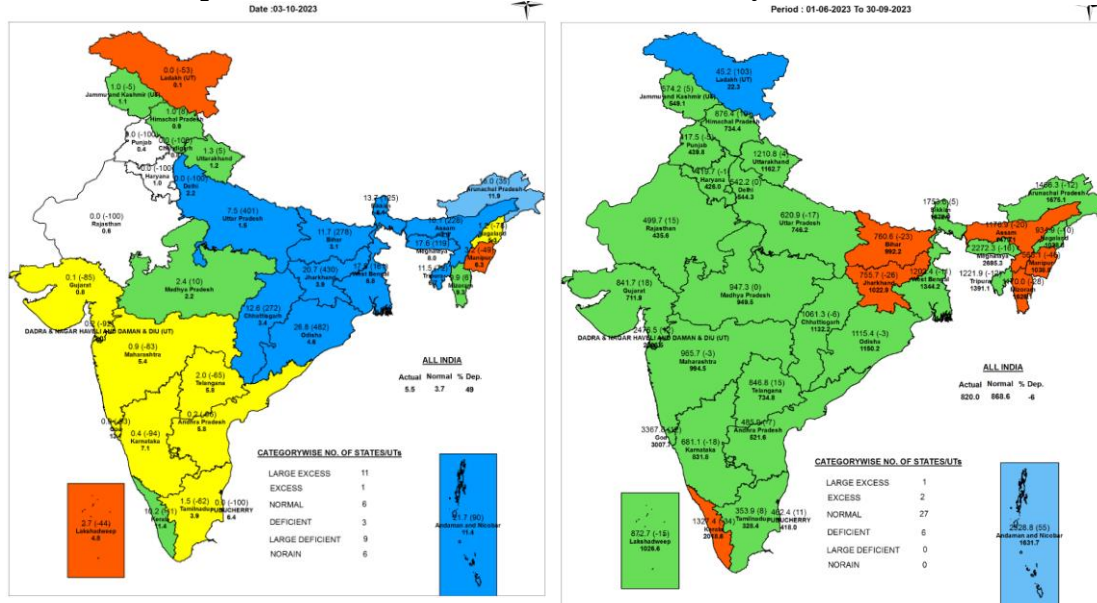
# Central Water Commission

## Daily Flood Situation Report cum Advisories

03-10-2023

### 1.0 Rainfall Situation

### 1.1 State wise departure from normal of cumulative and daily rainfall



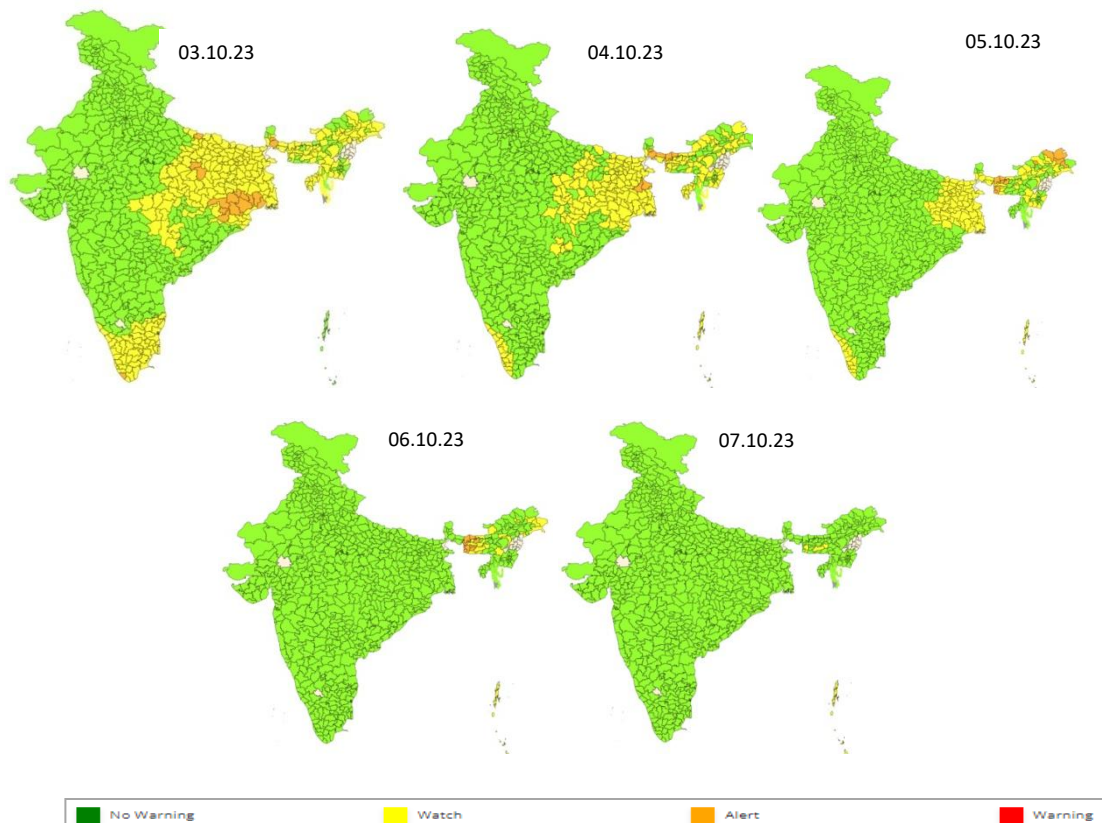
#### Legend

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 :

- RainFall figures are based on operation data.
- Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm).
- Percentage Departures of rainfall are shown in brackets.

### 1.2 Rainfall forecast for next 5 days issued on 03<sup>rd</sup> October 2023 (Midday) by IMD



## 2.0 Flood Situation and Advisories

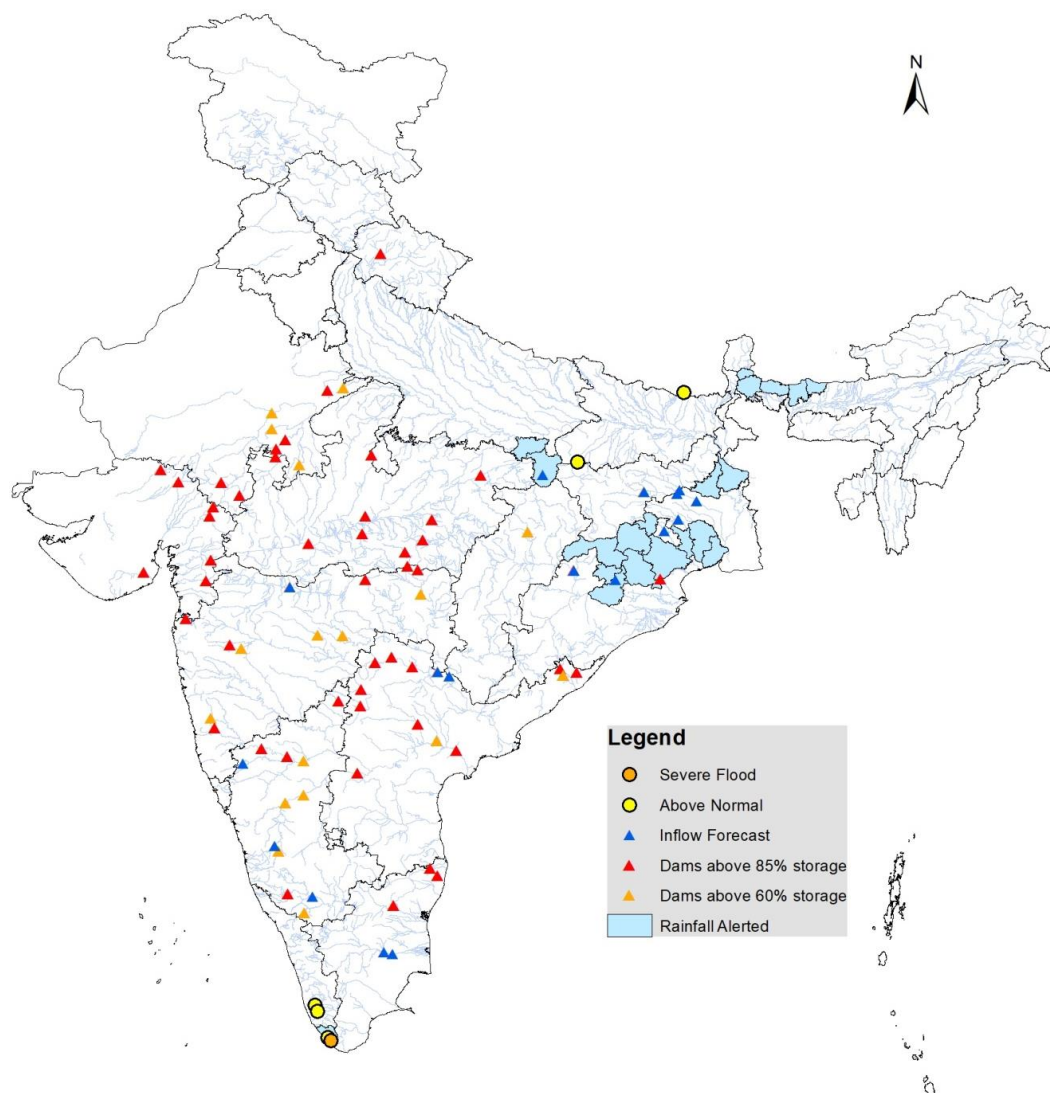
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 03<sup>rd</sup> October, 2023, Inflow Forecast has been issued for 17 Dams and Barrages (4 in Jharkhand, 3 in Karnataka, 2 each in Odisha, Telangana, West Bengal and Tamil Nadu and 1 each in Maharashtra and Uttar Pradesh).

PART - I: LEVEL FORECAST		(Total Sites - 200)	
S.No.	Flood Situations	State-wise Flood Situation	Numbers of Forecasting Sites
<b>A</b>	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)		0
<b>B</b>	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))		0
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)		0
Total number of sites above Warning Level (A+B+C)			0
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)		Jharkhand(4), Karnataka(3), Maharashtra(1), Odisha(2), Tamil Nadu(2), Telangana(2), Uttar Pradesh(1), West Bengal(2)	17

Details are given at link [https://cwc.gov.in/sites/default/files/cfcrwcdfb-03.10.2023\\_5.pdf](https://cwc.gov.in/sites/default/files/cfcrwcdfb-03.10.2023_5.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

### Odisha

Due to Low Pressure Area, very heavy rains are expected in north regions of Odisha for next 24 hrs. Keep alert for water level rise in rivers of Brahmani and Baitarni in **Anugul, Deogarh, Sundargarh, Kendujhar** dists., river Burhabalanga and Subernarekha in Mayurbhanj dist., river Mahanadi and its tributaries in **Anugul, Sundargarh** districts. All major /medium dams may be operated as per SOP and releases may be done after informing lower riparian regions.

### Jharkhand

IMD has predicted very heavy rains in **Purbi Singhbhum, Paschim Singhbhum, Saraikela** districts for next 24 hrs, hence keep alert for water level rise in Subernarekha and Kharkai rivers and its tributaries over the regions. 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
Hendegir	Damodar	Hazaribag	Above Normal	Rising
Daltonganj	North Koel	Palamau	Above Normal	Rising
Japla	Sone	Palamau	Above Normal	Rising

### Kerala

Keep alert for water level rise in rivers of Tiruvananthapuram dist. such as Karamana, Neyyar, Vamanapuram for next 24 hrs. 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	Severe	Falling
Vellaikadavu	Karamana	Thiruvananthapuram	Above Normal	Falling
Kallooppara	Manimala	Pathanamthitta	Above Normal	Falling
Thumpamon	Achankovil	Pathanamthitta	Above Normal	Falling

### West Bengal

IMD has predicted very heavy rains in **Kalimpong, Jalpaiguri and Alipurduar districts**, hence keep alert for water level rise Torsa, Jaldhaka, Raidak rivers for next 48 hrs.

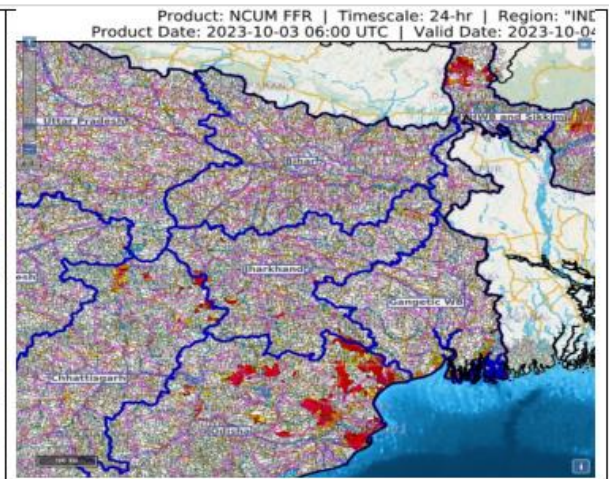
IMD has predicted very heavy rains in districts **Birbhum, Murshirabad**, hence keep alert for water level rise in tributaries of Ganga over the region. Also keep alert for water level rise in rivers Kasai and Subernarekha and its tributaries in **Purba Medinipur, Paschim Medinipur, Jhargram** districts for next 24 hrs. All major /medium dams may be operated as per SOP and releases may be done after informing lower riparian regions.

## 2.3 Flash Flood Guidance

### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 04-10-2023 :**

**Low to Moderate flash flood risk** likely over few watersheds & neighbourhoods of northern parts of **Chhattisgarh**, northern parts of **Odisha** adjoining **Gangetic West Bengal** and **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	04-10-2023	05-10-2023	06-10-2023	07-10-2023	08-10-2023	09-10-2023	10-10-2023
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 03<sup>rd</sup> October 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	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/Eastflowing 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	Udaipur/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 Kannykumari 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