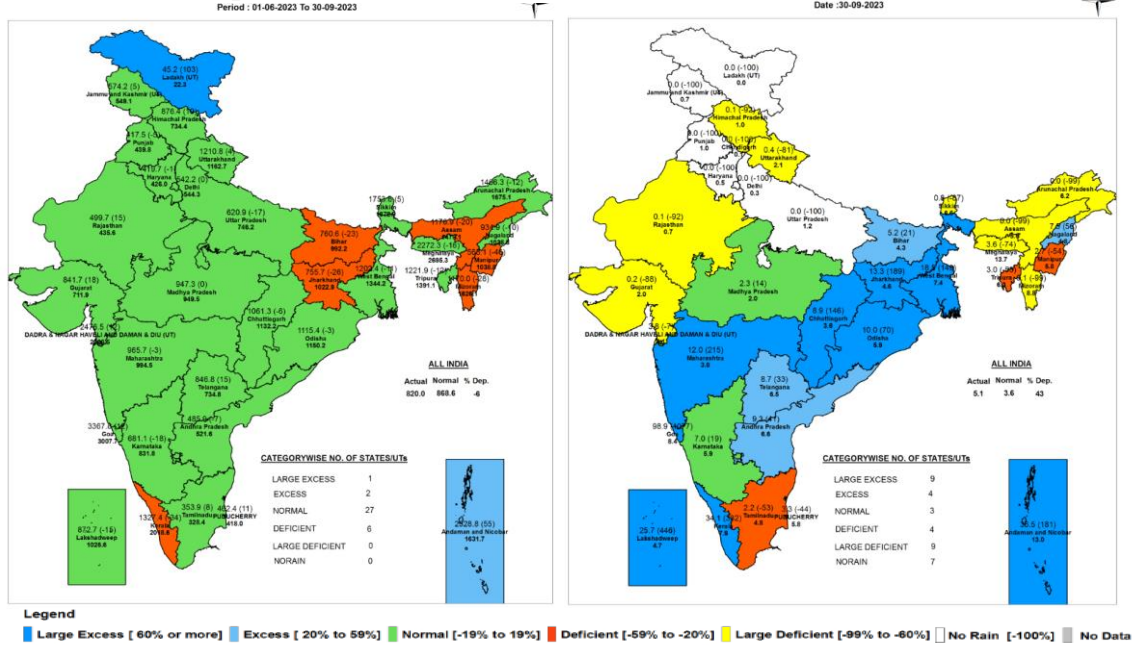




Central Water Commission
Daily Flood Situation Report cum Advisories
30-09-2023

1.0 Rainfall Situation

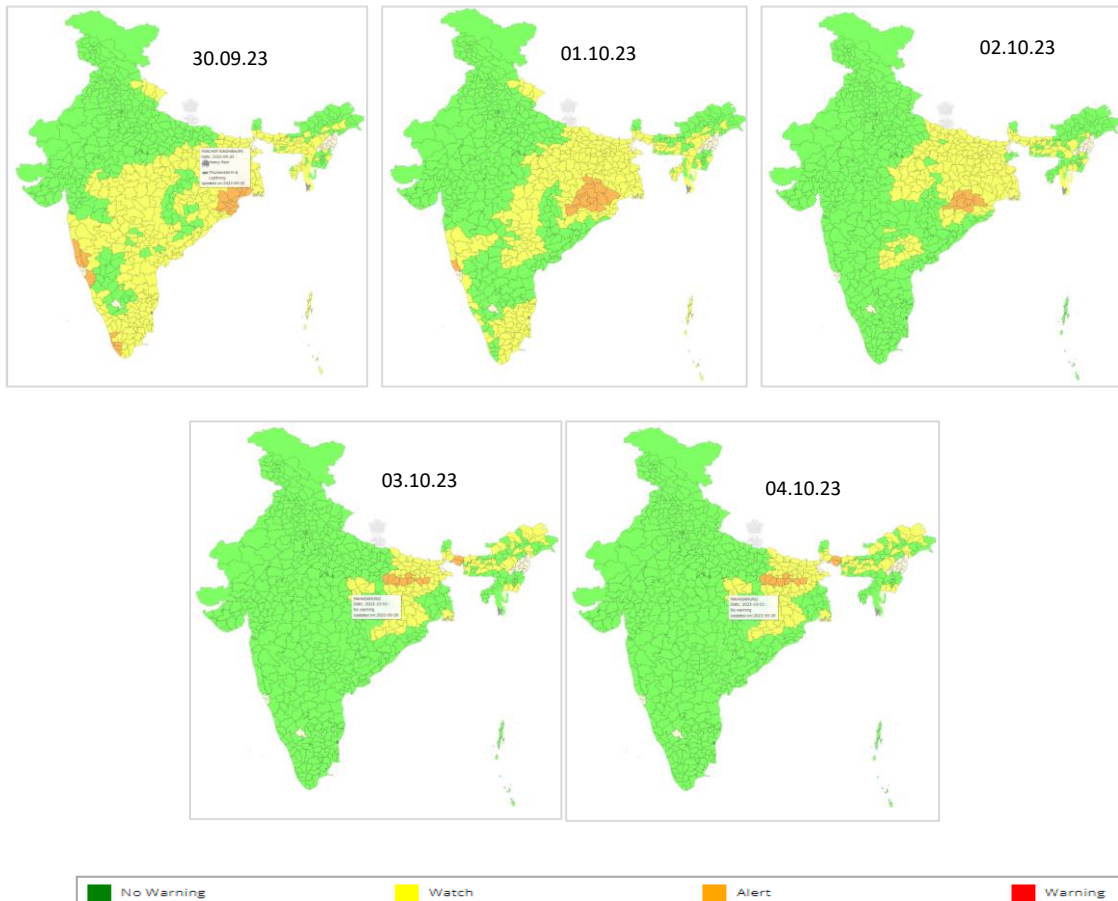
1.1 District wise departure from normal of cumulative and daily rainfall



NOTES :

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

1.2 Rainfall forecast for next 5 days issued on 30thSeptember 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

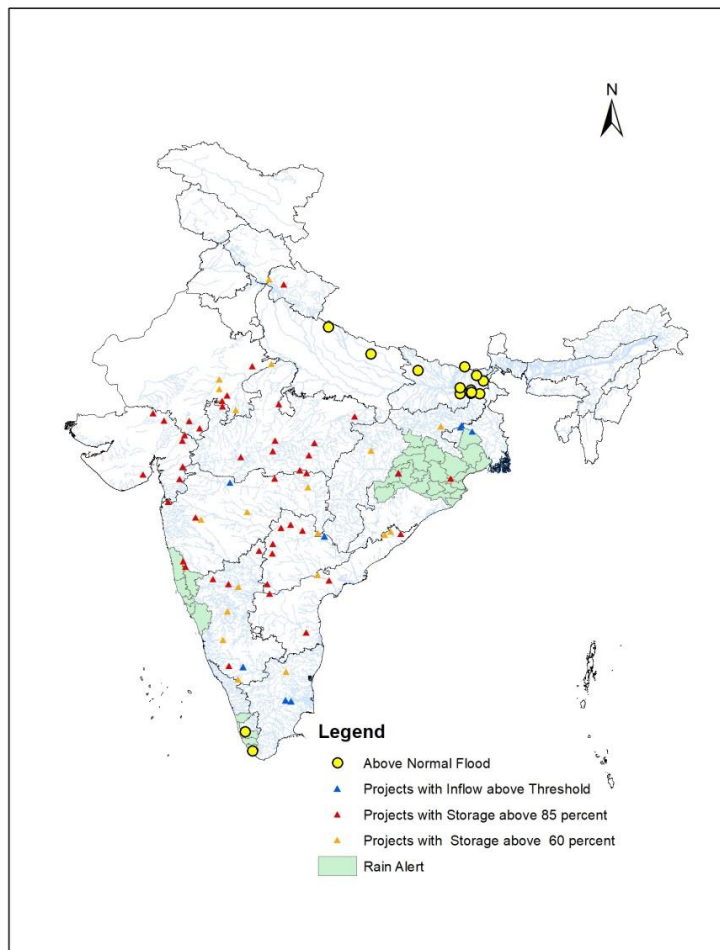
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 30th September, 2023, No Stations are flowing in Severe Flood Situation. 5 stations (4 in Bihar, 1 in Jharkhand) are flowing in Above Normal Flood situation. Inflow Forecast has been issued for 11 Dams and Barrages (2 each in Tamil Nadu, Jharkhand and Telangana and 1 each in Maharashtra, Gujarat, Karnataka, Odisha and West Bengal).

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))		0
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Bihar(4), Jharkhand(1)	5
Total number of sites above Warning Level (A+B+C)			5
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(2), Karnataka(1), Maharashtra(1), Odisha(1), Tamil Nadu(2), Telangana(2), West Bengal(1)	11

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb-30.09.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Maharashtra and Goa

Due to intensification of monsoon current and presence Low Pressure Area in East Central Arabian Sea off Konkan Coast, IMD has predicted very heavy to extremely heavy rains in **Goa** and in districts **Ratnagiri, Sindhudurg, Kolhapur**. Hence keep alert for water rise in rivers such as Jog, Vashisti, Gautami, Kajvi, Machkund (**Ratnagiri** district), Vagothan, Narangi, Gad, Terekhol, Thillari, Mandavi, Zuari (**Sindhudurg** dist. And Goa), rivers of upper Krishna basin (**Kolhapur** dist.) and other small west flowing rivers in the mentioned regions. All major /medium dams may be operated as per SOP and releases may be done after informing lower riparian regions.

Odisha

Due to Low Pressure Area, very heavy rains are expected in almost all north and middle regions of Odisha for next 2 to 3 days. Keep alert for water level rise in river Subarnarekha in **Mayurbhanj, Baleshwar** dists., rivers of Brahmani and Baitarni in **Jajpur, Bhadrak, Kenjhar, Kendraparha, Dhenkanal, Anugul, Deogarh, Sundargarh** dists., river Mahanadi and its tributaries in **Anugul, Sundargarh, Cuttack, Jagatsinghpur, Jharsuguda, Bargarh, Subarnapur, Bolangir** districts. All major /medium dams may be operated as per SOP and releases may be done after informing lower riparian regions.

Kerala

As per IMD, due to intensification of monsoon current very heavy rains are expected in districts **Ernakulam, Pattanamthitta, Alappuzha, Kollam and Tiruvananthapuram**. Keep alert for water level rise in Periyar, Manimala, Thodupuzha, Pamba, Achankoil and in rivers of **Tiruvananthapuram** district such as Vamanapuram, Mamom, Karamana, Neyyar. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Vellaikadavu	Karamana	Tiruvananthapuram	Above Normal	Rising
Kallooppara	Manimala	Pathanamthitta	Above Normal	Rising

Jharkhand

IMD has predicted very heavy rains in **Gumla, Khunti, Simdega, Pachim Singhbhum** districts for next 48 hrs, hence keep alert for water level rise in Sankh, South Koel rivers and its tributaries over the regions.

West Bengal

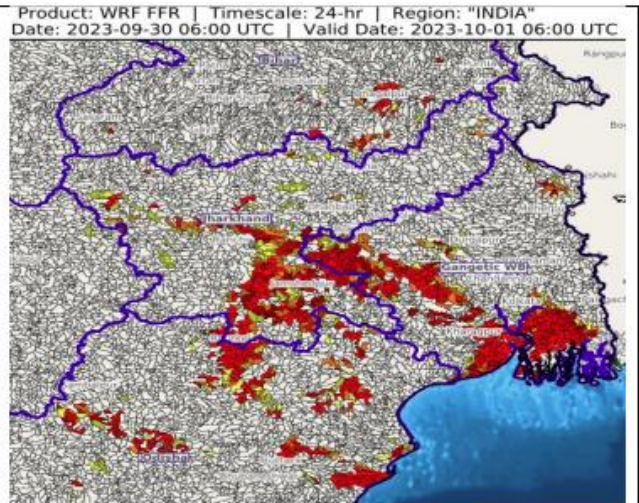
IMD has predicted very heavy rains in **Jhargram, Purba Medinipur, Paschim Medinipur, Bankura** districts for next 48 hrs, hence keep alert for water level rise in Kasai, Subarnarekha rivers and its tributaries over the regions.

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 01-10-2023 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **North Odisha, Gangetic West Bengal, Jharkhand & adjoining Bihar** Met Sub-divisions during next 24 hours.

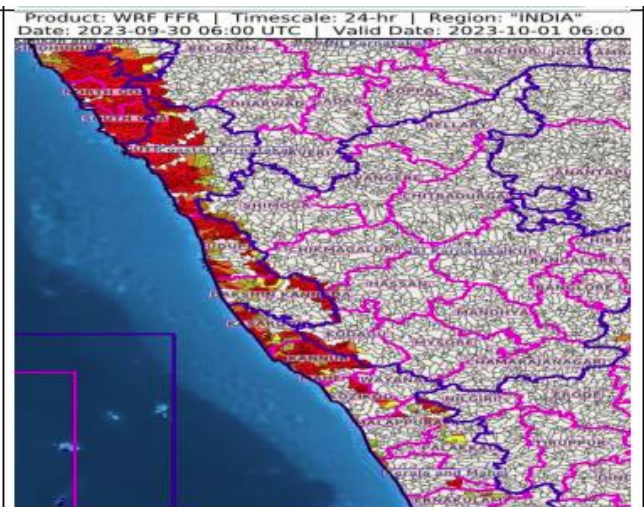
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 01-10-2023 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Coastal Karnataka, North Kerala & Mahe and Southern Parts of Konkan & Goa** 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	01-10-2023	02-10-2023	03-10-2023	04-10-2023	05-10-2023	06-10-2023	07-10-2023
1	BALTARA	KOSI	KHAGARIA	Bihar	AN	AN	AN	AN	AN	S	S
2	DHENGGRAGHAT	MAHANANDA	PURNIA	Bihar	AN	AN	AN	AN	S	S	S
3	ARARIA	PARMAN	ARARIA	Bihar	AN	AN	AN	AN	S	S	S

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 30th 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/DS District	Rainfall situation				
					Day 1	Day 2	Day 3	Day 4	Day 5
1.	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					
2.	Sripada Yellampally	Godavari/Midd Godavari/Godavari	Tel	Mancheri/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, Mancheri(Tel)					
6.	Nizamsagar Dam	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
7.	Kaddam Dam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad,Nirmal/Mancheri					
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 & Cauvery B	TN	Vizianagaram					
23.	Dantiwada Dam	Banas/Western Flowing River (Kutch & Saurashtra)	Guj	Banaskantha					
24.	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
25.	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
26.	Sardar Sarovar Dam	Narmada/Narmada/w Hosangabad to SSP/Narmada	Guj	Narmada (Guj), Nadurbar (MP)/Narmada, Vadodra, Bharuch (Guj)					
27.	Ukai Dam	Tapi/Low Tapi/Tapi	Guj	Nadurbar (Mah), Tapi (Guj)/Surat (Guj)					
28.	Madhuban Dam	Damanganga/Damanganga	Guj	Valsad (Guj)/Selvasa (UT of DNH)					
29.	Panam Dam	Panam/Lower Mahi/ Mahi	Guj	Panchmahal					
30.	Kadana	Mahi/ Lower Mahi/ Mahi	Guj	Mahisagar					
31.	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
32.	NMD Weir	Godavari/Upper Godavari/Godavari	Mah	Nasik, Ahmadnagar					
33.	Totladoh Project	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.	Warana Dam	Warna river/Upper Krishna/Krishna	Mah	Sangli, Kolhapur					
37.	Issapur/Upper Penganga Project	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
38.	Hathnur Dam	Hatnur/Upper Tapi/Tapi	Mah	Burhanpur (MP)/Jalgaon (Mah)					
39.	Mula Dam	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
40.	Koyna Dam	Koyna/Upper Krishna/Krishna	Mah	Satara					
41.	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch (MP)/Dholpur, Kota, Bundi (Raj)					
42.	Kota Barrage	Chambal/Upper Chambal/Ganga	Raj	Neemuch (MP)/Dholpur, Kota, Bundi (Raj)					
43.	Kalisindh Dam	Kalisindh/Upper Chambal/Ganga	Raj	Shajapur, Rajgarh (MP)/Jhalawar (Raj)					
44.	Bisalpur Dam	Banas/Middle Chambal/Ganga	Raj	Bhilwara/Tonk					
45.	Gudha Dam	Mej/Middle Chambal/Ganga	Raj	Bhilwara/Bundi					
46.	Som Kamla Amba Dam	Som/Upper Mahi/Mahi B	Raj	Udaipur/Dungarpur					
47.	Mahi Bajaj Sagar Dam	Mahi/Upper Mahi/Mahi B	Raj	Ratlam (MP)/Banswara, Pratapgarh, Dungapur (Raj)					
48.	Panchana Dam	Gambhiri/Lower Chambal/Ganga	Raj	Karauli, Bharatpur					
49.	Parwati Weir	Parbati/Lower Chambal/Ganga	Raj	Dholpur					
50.	Bargi Dam	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
51.	Pench Reservoir	Pench/Wainganga/Godavari	MP	Chhindwara/Seoni					
52.	Barna Dam	Barna/Middle Narmada/Narmada	MP	Raisen					

53.	SanjaySarovar Project(UwenPro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
54.	BawanthadiReser.	Bawantri/Wainganga/Godavari	MP	Seoni/Balaghat					
55.	GandhisagarDam	Chambal/UpperChambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
56.	IndiraSagarDam	Narmada/Narmadab/w HosangabadtoSSP/Narmada	MP	Harda,Dewas,Khandwa/Khargone					
57.	TawaDam	Tawa/MiddleNarmada/Narmada	MP	Betul,Hoshnabad/Sehore					
58.	Bansagar	Sone/UpperSone/Ganga	MP	Shahdol					
59.	RajghatDam	Betwa/Betwa/Ganga	MP	AshokNagar					
60.	TehriDam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/TehriGarhwal/PauriGarhwal					
61.	IchariDam	Tons/UpperYamuna/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.	Rengali Dam	Brahmani River/Brahmani and Baitarni	Odisha	Deogarh/Angul, Dhenkanal					
66.	UpperIndravathiproj	Indravati/Indravati/Godavari	Odisha	Kalahandi,Nabarangpur,Koraput/Norangpur (Odisha), Bastra(Chsgrh)					
67.	Kolab Project	Kolab/Sabari/Godavari	Odisha	Koraput					
68.	TenughatDam	Damodar/Damodar/Ganga	Jharkhand	Ramgarh, Bokaro, Dhanbad					

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