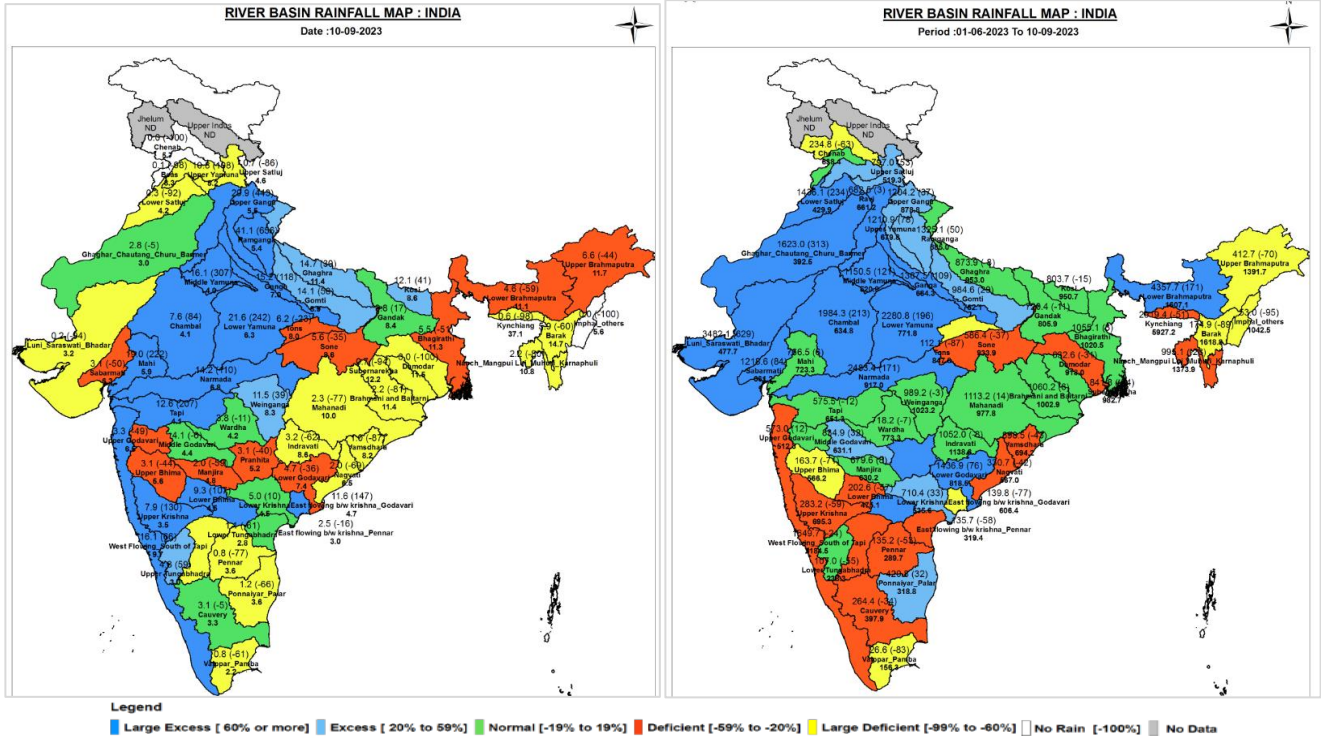




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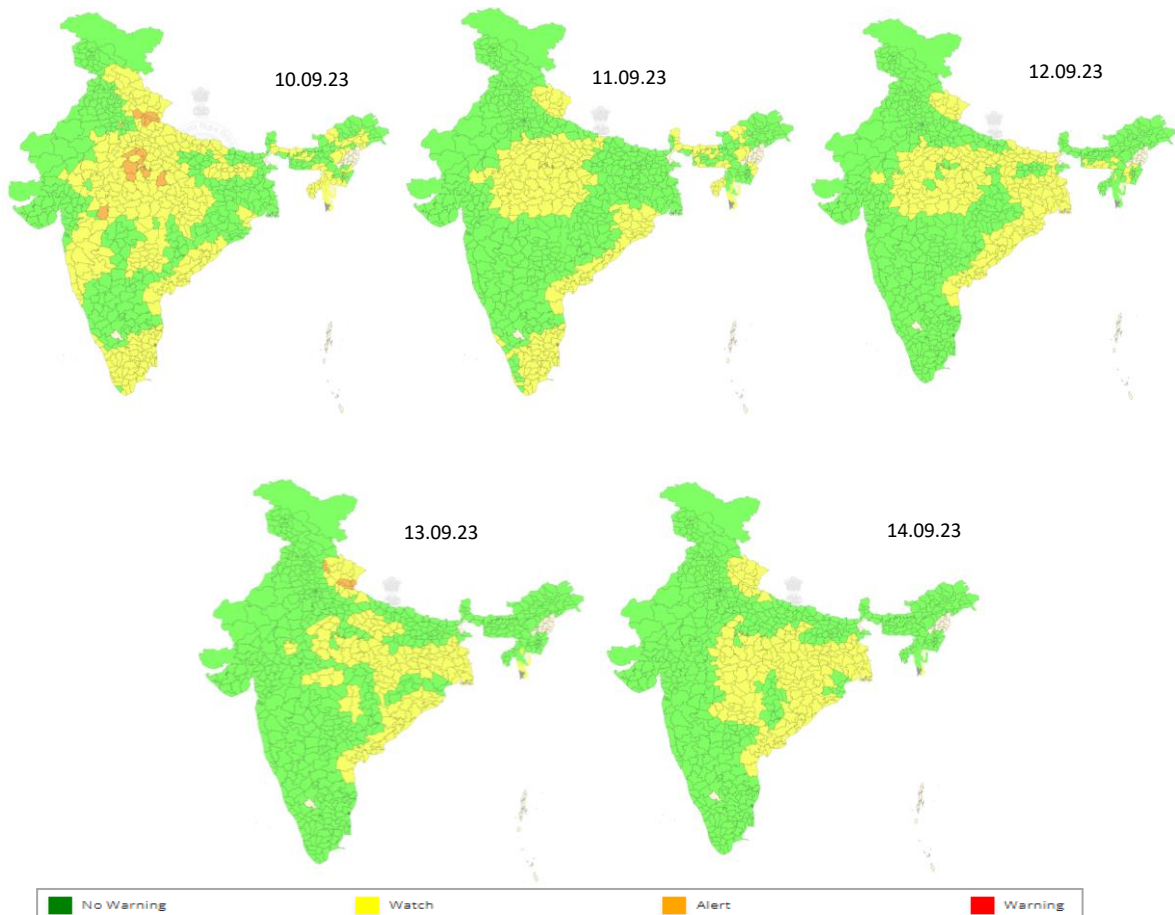
1.0 Rainfall Situation

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 10th September 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

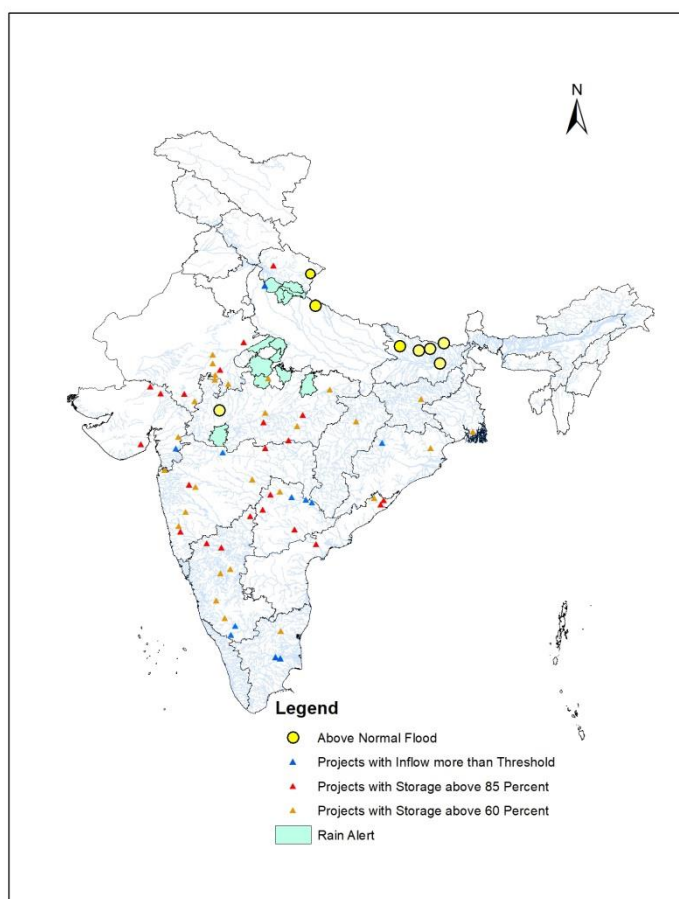
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 10th September, 2023, No station is flowing in Severe Flood Situation, 4 stations in Bihar are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 18 Dams and Barrages (3 in Telangana, 2 each in Jharkhand, Tamil Nadu, Karnataka & Gujarat and 1 each in Andhra Pradesh, Uttar Pradesh, Madhya Pradesh, Maharashtra, Odisha, West Bengal & Uttarakhand).

| 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) | 4 |
| 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), Jharkhand(2), Karnataka(2), Madhya Pradesh(1), Maharashtra(1), Odisha(1), Tamil Nadu(2), Telangana(3), Uttar Pradesh(1), Uttarakhand(1), West Bengal(1) | 18 |

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb-10.09.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Madhya Pradesh

Alert for water level rise may be kept in Mahi river in districts **Banswara, Ratlam**, river Sindh in **Bhind, Datia, Shivpuri, Morena, Ashoknagar** districts, river Narmada in **Narmadapuram, Chindwara, Khargone** districts. Current flood situation in the state as per CWC network is as follows:

| CWC Site | River | District | Flood Type | Trend in Water Level |
|----------|--------|----------|--------------|----------------------|
| Ujjain | Shipra | Ujjain | Above Normal | Falling |

Uttarakhand

Keep alert of water level rise in Ramganga and its tributaries in **Uddham Singh Nagar** and **Nainital** districts.

Uttar Pradesh

Keep alert for water level rise in river Ramganga, Ganga in **Bijnor, Moradabad, Rampur** districts.

Bihar

Current flood situation in the state as per CWC network is as follows (In Above normal flood type only trend rising/steady cases are included):

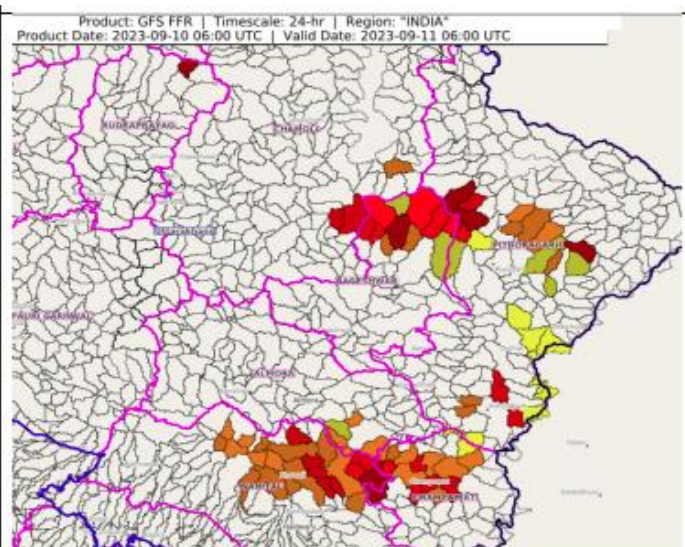
| CWC Site | River | District | Flood Type | Trend in Water Level |
|-------------|---------|-------------|--------------|----------------------|
| Baltara | Kosi | Khagaria | Above Normal | Rising |
| Benibad | Bagmati | Muzaffarpur | Above Normal | Steady |
| Dumariaghat | Gandak | Gopalganj | Above Normal | Steady |
| Birpur | Kosi | Supaul | Above Normal | Steady |

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 11-09-2023 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Uttarakhand** 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 | 11-09-2023 | 12-09-2023 | 13-09-2023 | 14-09-2023 | 15-09-2023 | 16-09-2023 | 17-09-2023 |
|-------|-------------|---------|-------------|-------|------------|------------|------------|------------|------------|------------|------------|
| 1 | BENIBAD | BAGMATI | MUZAFFARPUR | Bihar | AN | AN | AN | AN | AN | S | S |
| 2 | BALTARA | KOSI | KHAGARIA | Bihar | AN | AN | AN | AN | AN | AN | AN |
| 3 | DUMARIAGHAT | GANDAK | GOPALGANJ | Bihar | AN | AN | AN | AN | AN | AN | AN |
| 4 | ARARIA | PARMAN | ARARIA | 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 10thSeptember2023

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 |
|---------------------|---|--------|-------|-------|-------|-------|--------|------|

| 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. | SripadaYellampally | Godavari/Midd Godavari/Godavari | Tel | Mancherial/JaishankarBhupalpally | | | | | |
| 3. | Singur Dam | Manjira/Manjira/Godavari | Tel | Bidar(Kar)/Sangareddy(Telangana) | | | | | |
| 4. | Laxmi Barrage | Godavari/Lower Godavari/Godavari | Tel | JaishankarBhupalpally/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. | MadduvalasaReser. | 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)/JogalambaGadwal(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/EastFlow rivers between Pennar andCauvery Basin | TN | Vizianagaram | | | | | |

| | | | | | | | | | |
|-----|-----------------------------------|--|-----|---|--|--|--|--|--|
| 24. | Dantiwada Dam | Banas/Western Flowing River (Kutch & Saurashtra) | Guj | Banaskantha | | | | | |
| 25. | Dharoi Dam | Sabarmati/Sabarmati Basin | Guj | Mehsana | | | | | |
| 26. | Shetrunji Dam | Shetrunji/WFR (Kutch & Saurashtra) | Guj | Bhavnagar | | | | | |
| 27. | Sardar Sarovar Dam | Narmada/Narmada b/w Hosangabaad to SSP/Narmada | Guj | Nrmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj) | | | | | |
| 28. | Ukai Dam | Tapi/Low Tapi/Tapi | Guj | Nadurbar(Mah), Tapi(Guj)/ Surat (Guj) | | | | | |
| 29. | Madhuban Dam | Damanganga/ Damanganga | Guj | Valsad (Guj)/Selvasa (UT of DNH) | | | | | |
| 30. | Upper Wardha Project | Wardha/Wardha/Godavari | Mah | Wardha, Amravati | | | | | |
| 31. | N M D Weir | Godavari/Upper Godavari/Godavari | Mah | Nasik ,Ahmadnagar | | | | | |
| 32. | Totladi Project | 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. | Warana Dam | Warna river/Upper Krishna/Krishna | Mah | Sangli,Kolhapur | | | | | |
| 36. | Issapur/Upper Penganga Project | Kayadhu/Penganga/Godavari | Mah | Hingoli, Yavatmal | | | | | |
| 37. | Hathnur Dam | Hatnur/Upper Tapi/Tapi | Mah | Burhanpur (MP)/Jalgaon(Mah) | | | | | |
| 38. | Mula Dam | Mula/Upper Godavari/Godavari | Mah | Ahmadnagar | | | | | |
| 39. | Koyna Dam | Koyna/Upper Krishna/Krishna | Mah | Satara | | | | | |
| 40. | Rana Pratap Sagar | Chambal/Upper Chambal/Ganga | Raj | Neemuch(MP)/Dholpur, Kota, Bundi(Raj) | | | | | |
| 41. | Kota Barrage | Chambal/Upper Chambal/Ganga | Raj | Neemuch(MP)/Dholpur, Kota, Bundi(Raj) | | | | | |
| 42. | Bisalpur Dam | Banas/Upper Chambal/Ganga | Raj | Bhilwara/Tonk | | | | | |
| 43. | Gudha Dam | Mejchambal/ Upper Chambal/Ganga | Raj | Bhilwara/Bundi | | | | | |
| 44. | SomKamlaAmba Dam | Som/Mahi B/Mahi | Raj | Udaipur/Dungarpur | | | | | |
| 45. | Mahi Bajajsagar Dam | Mahi/Mahi B/Mahi | Raj | Ratlam(MP)/Banswara, Pratapgarh,Dungapur(Raj) | | | | | |
| 46. | Panchana Dam | Gambhiri/Upper Chambal/Ganga | Raj | Karauli,Bharatpur | | | | | |
| 47. | Parwati Weir | Parbati/Upper Chambal/Ganga | Raj | Dholpur | | | | | |
| 48. | Kalisindh Dam | Kalisindh/Upper Chambal/Ganga | Raj | Shajapur, Rajgarh(MP)/Jhalawar(Raj) | | | | | |
| 49. | Bargi Dam | Narmada/Upper Narmada/Narmada | MP | Mandla, Seoni/Jabalpur, Narsimhapur | | | | | |
| 50. | Pench Reservoir | Pench/Godavari | MP | Chhindwara/Seoni | | | | | |
| 51. | Barna Dam | Barna/Middle Narmada/Narmada | MP | Raisen | | | | | |
| 52. | Sanjay Sarovar Project(U wen Pro) | Wainganga/Wainganga/Godavari | MP | Seoni/Balaghat | | | | | |
| 53. | Gandhisagar Dam | Chambal/Upper Chambal/Ganga | MP | Mandsaur,Neemuch(MP)/Dholpur(Raj) | | | | | |
| 54. | Indira Sagar Dam | Narmada/Narmada b/w Hosangabad to SSP/Narmada | MP | Harda, Dewas, Khandwa/Khargone | | | | | |
| 55. | Tawa Dam | Tawa/Middle Narmada/Narmada | MP | Betul,Hoshnabad/Sehore | | | | | |

| | | | | | | | | | |
|-----|--------------|---|-------------|---|--|--|--|--|--|
| 56. | Bansagar | Sone/ Upper Sone/Ganga | MP | Shahdol | | | | | |
| 57. | Rajghat Dam | Betwa/Betwa/Ganga | MP | Ashok Nagar | | | | | |
| 58. | Tehri Dam | Bhagirathi/Ganga/Ganga | UK | Uttarkashi/Tehri Garhwal/PauriGarhwal | | | | | |
| 59. | Ichari Dam | Tons/Yamuna/Ganga | UK | Dehradun/Nahan(HP) | | | | | |
| 60. | Bango | Hasdeo/Upper Mahanadi/Mahanadi | Chhatisgarh | Koriya,Korba/JanjgirChampa | | | | | |
| 61. | Hirakud Dam | Mahanadi /UMahanadi/Mahanadi | Odisha | JanjgirChampa, Raigarh(Chh), Sambalpur(Odi) | | | | | |
| 62. | Salandi Dam | Salandi/Brahmani and Baitarni/Brahmani and Baitarni | Odisha | Mayurbhanj,Kendujhar/Bhadrak | | | | | |
| 63 | Tenughat Dam | 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