

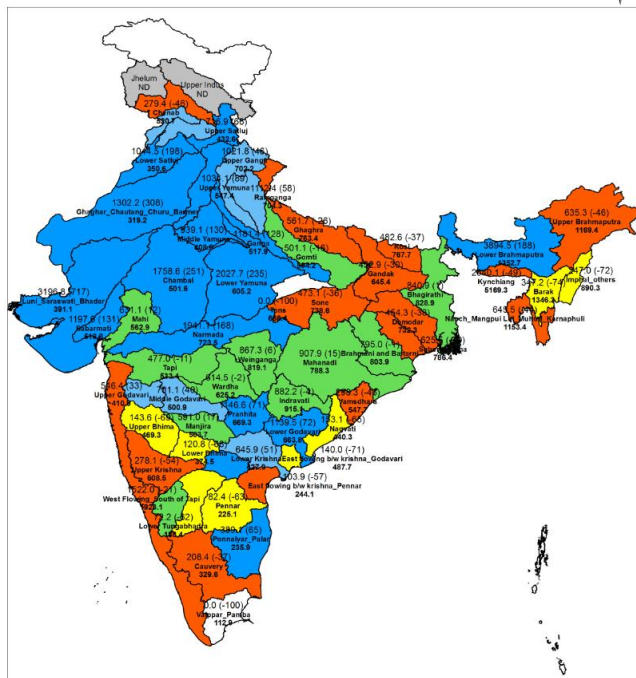


Central Water Commission  
Daily Flood Situation Report cum Advisories  
21-08-2023

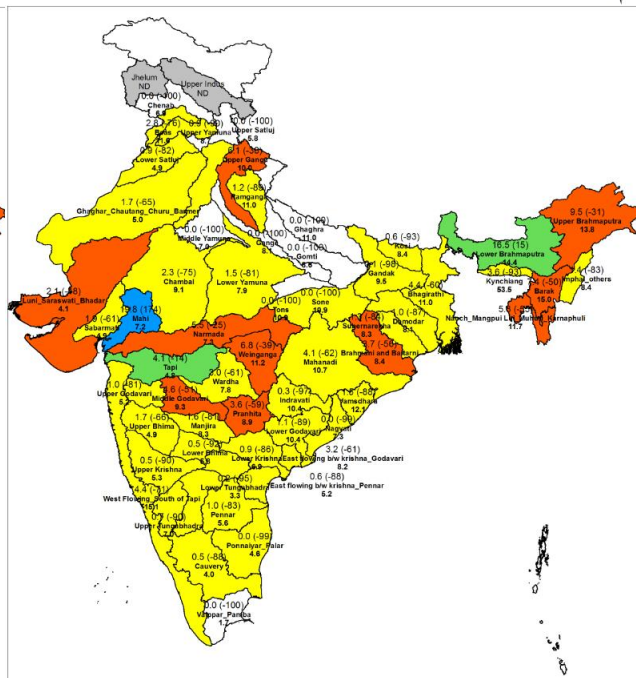
1.0 Rainfall Situation

1.1 District wise departure from normal of cumulative and daily rainfall

RIVER BASIN RAINFALL MAP : INDIA  
Period :01-06-2023 To 21-08-2023



RIVER BASIN RAINFALL MAP : INDIA  
Date :21-08-2023



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

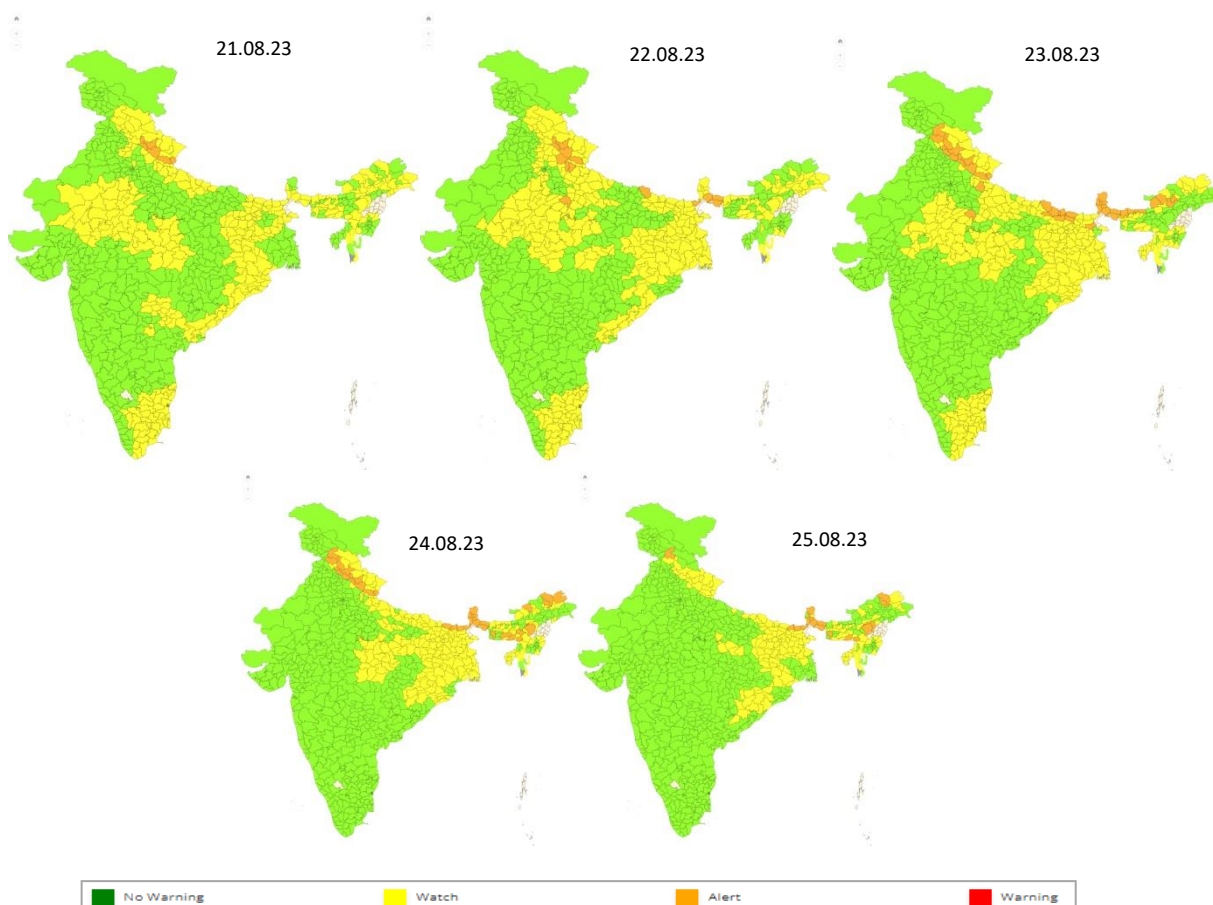
NOTES :

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 21<sup>st</sup>August 2023 (Midday) by IMD



## 2.0 Flood Situation and Advisories

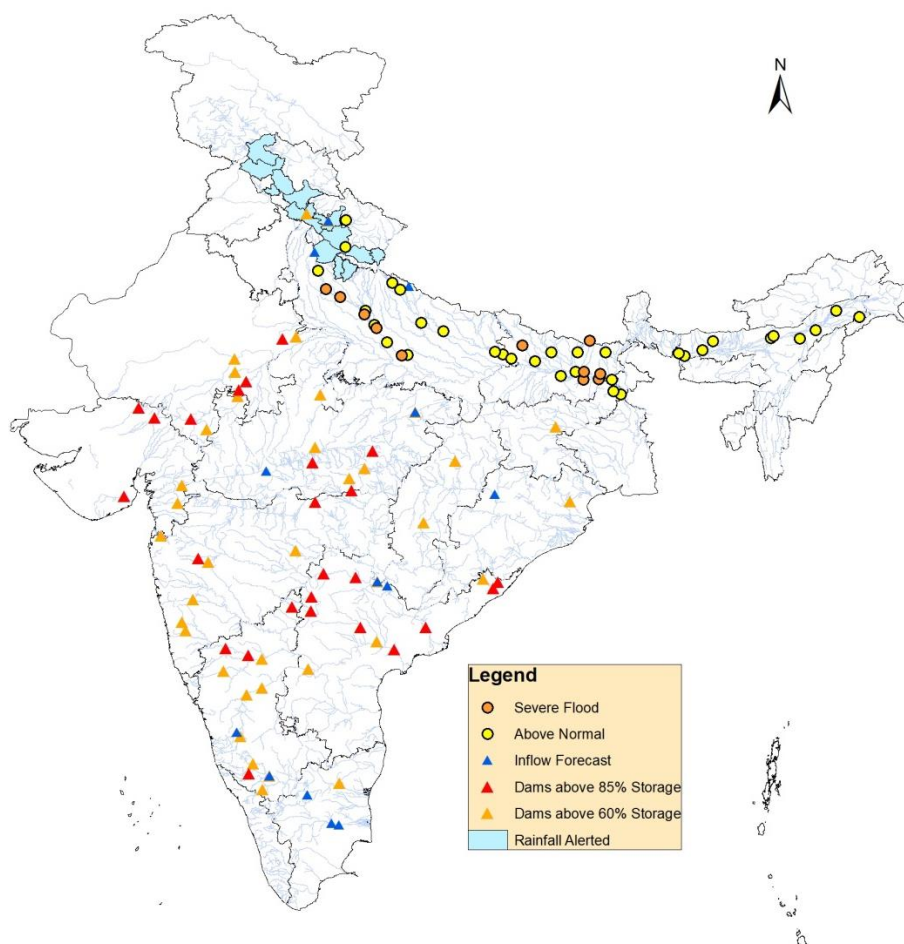
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 21<sup>st</sup> August 2023, 5 stations (3 in Uttar Pradesh & 2 in Bihar) are flowing in Severe Flood Situation, 28 stations (9 each in Assam & Bihar, 8 in Uttar Pradesh and 1 each in West Bengal & Jharkhand) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 14 Dams and Barrages (3 each in Uttar Pradesh & Tamilnadu, 2 each in Karnataka, Madhya Pradesh & Telangana and 1 each in Jharkhand & Uttarakhand).

PART - I: LEVEL FORECAST		(Total Sites - 199)	
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))	Bihar(2), Uttar Pradesh(3)	5
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(9), Bihar(9), Jharkhand(1), Uttar Pradesh(8), West Bengal(1)	28
Total number of sites above Warning Level ( A+B+C)			33
PART - II: INFLOW FORECAST		(Total Sites - 134)	
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		Karnataka(2), Madhya Pradesh(2), Odisha(1), Tamil Nadu(3), Telangana(2), Uttar Pradesh(3), Uttarakhand(1)	14

Details are given at link: [https://cwc.gov.in/sites/default/files/cfrcwcdfb21.08.2023\\_5.pdf](https://cwc.gov.in/sites/default/files/cfrcwcdfb21.08.2023_5.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

As per IMD forecast and model outputs, rainfall is expected to rise in Uttarakhand, Himachal Pradesh, Northern districts of Bihar, Sub-Himalayan West Bengal, Sikkim, Assam, Arunachal Pradesh and in Nepal in next 2 to 3 days.

### Uttarakhand

As per IMD very heavy rainfall are expected in districts of **Dehradun, Tehri Grahwal, Pauri Grahwal, Nainital, Champawat** for next 24 hours. Alert for water level rise may be kept in rivers Sharda, Ramganga, Tons and rivers of upper Yamuna, Upper Ganga and other small rivers over the region

### Sub Himalayan West Bengal

Very heavy rains are expected in **Jalpaiguri, Alipurduar, Coochbehar** districts hence keep alert for water level rise Teesta, Torsa, Jaldhaka, Raidak -1 rivers in above said districts.

### Uttar Pradesh

Keep alert for water level rise in Ramganga and its tributaries in **Bijnor, Modarabad, Rampur** districts. Current flood situation in the state as per CWC network is as follows (In Above normal flood type only trend rising cases are included):

CWC Site	River	District	Flood Type	Trend in Water Level
Kachhla Bridge	Ganga	Badaun	Severe	Falling
Fatehgarh	Ganga	Farrukhabad	Severe	Steady
Bhitauna	Ganga	Fatehpur	Severe	Steady
Ankinghat	Ganga	Kanpur Nagar	Severe	Rising
Kannauj	Ganga	Kannauj	Above Normal	Rising

### Bihar

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

CWC Site	River	District	Flood Type	Trend in Water Level
Dumriaghat	Gandak	Gopalganj	Severe	Rising
Birpur	Kosi	Supaul	Severe	Steady
Baltara	Kosi	Khagaria	Severe	Falling
Sultanganj	Ganga	Bhagalpur	Severe	Falling
Kahalgaon	Ganga	Bhagalpur	Severe	Falling
Azmabad	Ganga	Bhagalpur	Severe	Steady

### Assam

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

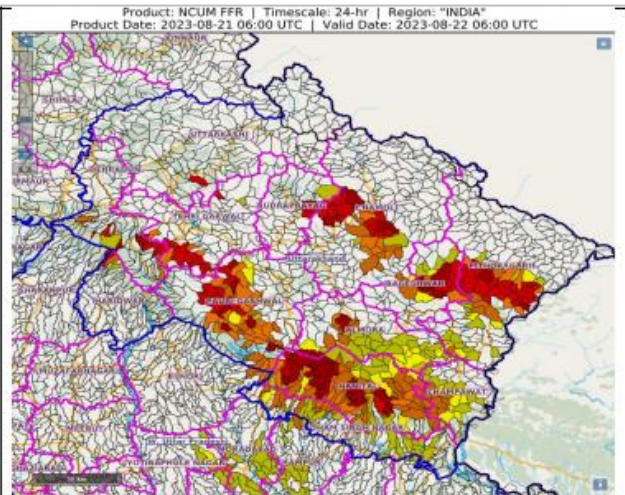
CWC Site	River	District	Flood Type	Trend in Water Level
Neamatighat	Brahmaputra	Jorhat	Above Normal	Rising
Margherita	Buridehing	Tinsukia	Above Normal	Rising

## 2.3 Flash Flood Guidance

### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 22-08-2023 :**

**Low 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	22-08-2023	23-08-2023	24-08-2023	25-08-2023	26-08-2023	27-08-2023	28-08-2023
1	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	S	S	S	S	S	S	S
2	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	AN	S	S	S	S	S	S
3	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	S	S	S	S	S	S
4	BALTARA	KOSI	KHAGARIA	Bihar	S	S	S	S	S	S	S
5	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	AN	AN	S	S	S	S	S
6	DALMAU	GANGA	RAIBARELI	Uttar Pradesh	AN	AN	AN	AN	AN	S	S
7	DHENGRAGHAT	MAHANANDA	PURNIA	Bihar	AN	AN	S	S	S	S	S
8	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	S	S	S	S	S
9	FATEHGARH	GANGA	FARRUKHABAD	Uttar Pradesh	S	S	S	S	S	S	S
10	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	S	S	S	S	S	S	S
11	KAHALGAON	GANGA	BHAGALPUR	Bihar	AN	AN	AN	AN	AN	S	S
12	KANNAUJ	GANGA	KANNAUJ	Uttar Pradesh	AN	AN	S	S	S	S	S
13	KHADDA	GANDAK	KUSHINAGAR	Uttar Pradesh	AN	AN	AN	AN	S	S	AN
14	KHAGARIA	BURHI GANDAK	KHAGARIA	Bihar	AN	AN	AN	AN	AN	S	S
15	KURSELA	KOSI	KATIHAR	Bihar	S	AN	AN	AN	S	S	S
16	SAHIBGANJ	GANGA	SAHIBGANJ	Jharkhand	AN	AN	AN	AN	AN	AN	S
17	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	S	S	S	S	S	S	S
18	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	AN	AN	S	S	S	S	AN
19	ARARIA	PARMAN	ARARIA	Bihar	AN	S	S	S	S	S	S
20	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	S	S	S	S	S	S	AN
21	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	S	S	S	S	AN
22	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	S	S	S	S
23	NT ROAD CROSSING JIA-	JIABHARALI	SONITPUR	Assam	AN	S	S	S	S	AN	AN



	BHARALI										
24	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	S	S	S	S	S	S
25	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	AN	AN	S	S	S	S	S
26	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	AN	AN	S	S	S
27	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	AN	S	S	S	S	S	AN
28	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	AN	AN	AN	S	S	AN
29	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	S	S	S	S	S	S
30	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
31	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
32	DARAULI	GHAGRA	SIWAN	Bihar	AN	AN	AN	AN	AN	AN	AN
33	DELHI RAILWAY BRIDGE	YAMUNA	NORTH	NCT of Delhi	AN	AN	AN	AN	AN	AN	AN
34	GANGPUR SISWAN	GHAGRA	SIWAN	Bihar	AN	AN	AN	AN	AN	AN	AN
35	HATHIDAH	GANGA	PATNA	Bihar	AN	AN	AN	AN	AN	AN	AN
36	KANPUR	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
37	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
38	FARAKKA(FF)	GANGA	MURSHIDABA D	West Bengal	AN	AN	AN	AN	AN	AN	AN
39	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN	AN	AN
40	KOKRAJHAR	GAURANG	KOKRAJHAR	Assam	AN	AN	AN	AN	AN	AN	AN
41	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	AN	AN	AN	AN	AN	S	S
42	MORADABAD	RAMGANGA	MORADABAD	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
43	ARARIA	PARMAN	ARARIA	Bihar	AN	AN	AN	AN	AN	AN	AN
44	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN	AN	AN
45	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	AN	AN	AN	AN
46	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN	AN	AN
47	KOKRAJHAR	GAURANG	KOKRAJHAR	Assam	AN	AN	AN	AN	AN	AN	AN
48	MORADABAD	RAMGANGA	MORADABAD	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
49	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN	AN	AN
50	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN	AN	AN
51	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	AN	AN	AN	AN

52	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	AN	AN	AN	AN	AN
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**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 21<sup>st</sup> August 2023

Reservoir 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	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
3	Singur Dam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
4	Laxmi Barrage	Godavari/LowerGodavari/Godavari Basin	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	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
8	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
9	Prakasam Barrage	Krishna//Lower Krishna/Krishna	AP	Krishna /Guntur					
10	Pulichintala Dam	Krishna/Lower Krishna/Krishna	AP	Nalgonda(Tel)/Guntoor, Krishna(AP)					
11	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Tel)					
12	NarayanapuramAnicut	Nagavali/East flowing rivers between Mahanadi and Pennar	AP	Srikakulam					



13	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Tel)/Bidar(Kar)Bidar					
14	kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
15	Harangi Dam	Harangi/Harangi/Cauvery	Kar	Kodagu/Mysuru,Hassan					
16	Hemavathy Dam	Hemavathy/Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
17	Krishnarajasagar	Cauvery/Upper Cauvery	Kar	Mandya					
18	Bhadra Dam	Bhadra/Upper Tungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
19	Almatti Dam	Krishna/Upper Krishna/Krishna	Kar	"Kolhapur(Maharashtra)/ Bagalkote(Kar)"					
20	Narayanpur Dam	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/Raichur,Yaadgir					
21	Tungabhadra Dam	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
22	Hipparagi Barrage	Krishna/ Krishna	Kar	Bagalkot,Koppal, Raichur					
23	Singatalur Barrage	Tungabhadra/ Krishna /Krishna	Kar	Gadag, Vijayanagara, Dharwad					
24	Malaprabha Dam	Malaprabha/Malaprabha/Krishna	Kar	Belgaum					
25	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
26	Dantiwada Dam	Banas/Western Flowing River (Kutch &Saurashtra)	Guj	Banaskantha					
27	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
28	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
29	Sardar Sarovar Dam	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Nrmada( Guj), Nadurbar( MP)/Narmada, Vadodra, Bharuch (Guj)					
30	Ukai Dam	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
31	Madhuban Dam	Damanganga/ Damanganga	Guj	Valsad (Guj)/Selvasa (UT of DNH)					

32	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
33	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
34	N M D Weir	Godavari/Upper Godavari/Godavari	Mah	Nasik ,Ahmadnagar					
35	Totladoh Project	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
36	Warana Dam	Warna river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
37	Issapur/Upper Penganga Project	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
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	Bargi Dam	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
49	Pench Reservoir	Pench/Godavari	MP	Chhindwara/Seoni					
50	Barna Dam	Barna/Middle Narmada/Narmada	MP	Raisen					
51	Sanjay Sarovar Project(U wen Pro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
52	Gandhisagar Dam	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					

53	Indira Sagar Dam	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
54	Tawa Dam	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
55	Bansagar	Sone/ Upper Sone/Ganga	MP	Shahdol					
56	Rajghat Dam	Betwa/Betwa/Ganga	MP	Ashok Nagar					
57	Tehri Dam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/Tehri Garhwal/PauriGarhwal					
58	Ichari Dam	Tons/Yamuna/Ganga	UK	Dehradun/Nahan(HP)					
59	Ravishankar Dam	Mahanadi/Upper Mahanadi/Mahanadi	Chhatisgarh	Kanker/Dhamtari,Raipur					
60	Bango Dam	Hasdeo/Upper Mahanadi/Mahanadi	Chhatisgarh	Koriya,Korba/JanjgirChampa					
61	Salandi Dam	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
62	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

