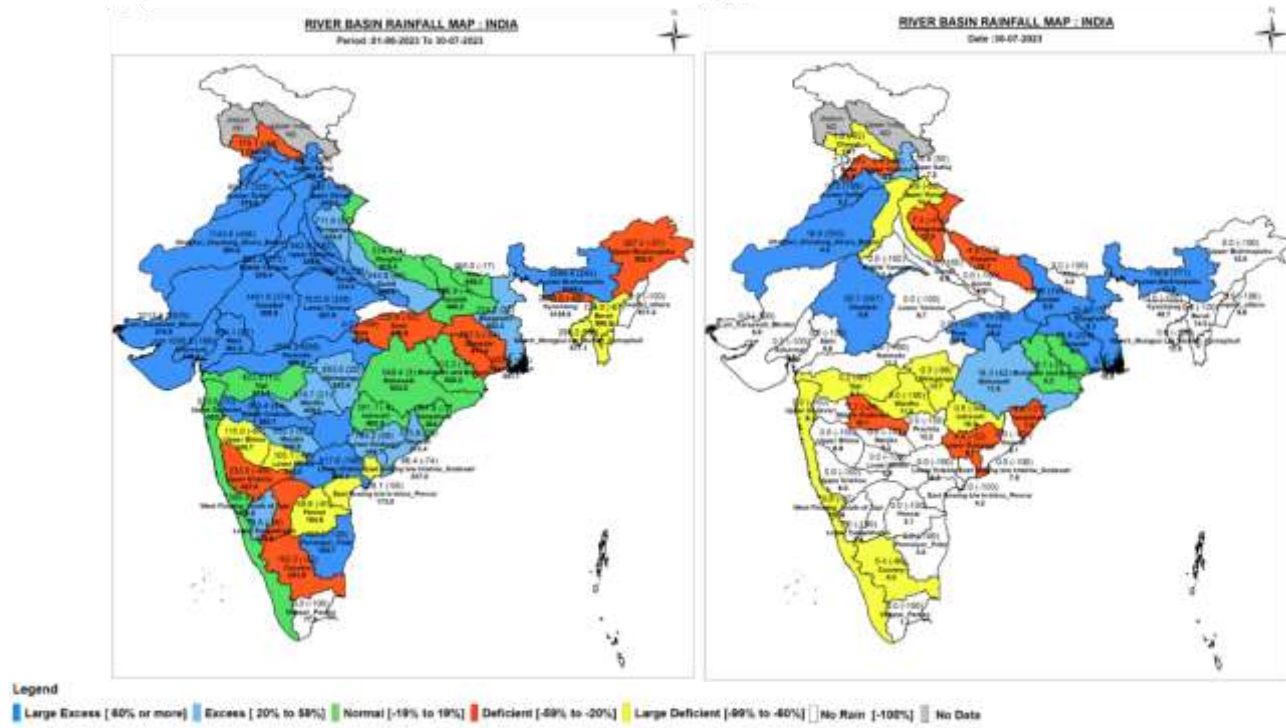




Central Water Commission
Daily Flood Situation Report cum Advisories
30-07-2023

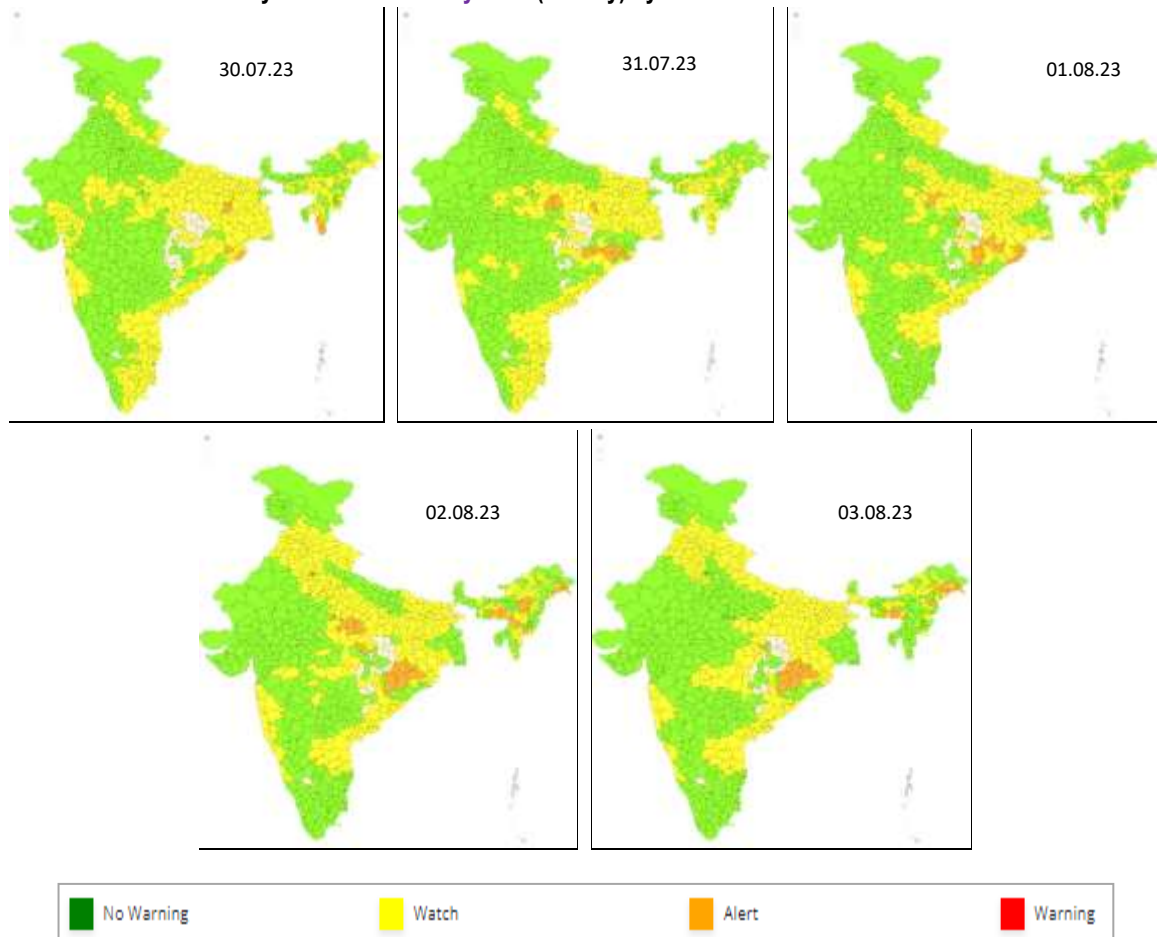
1.0 Rainfall Situation

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 30th July 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

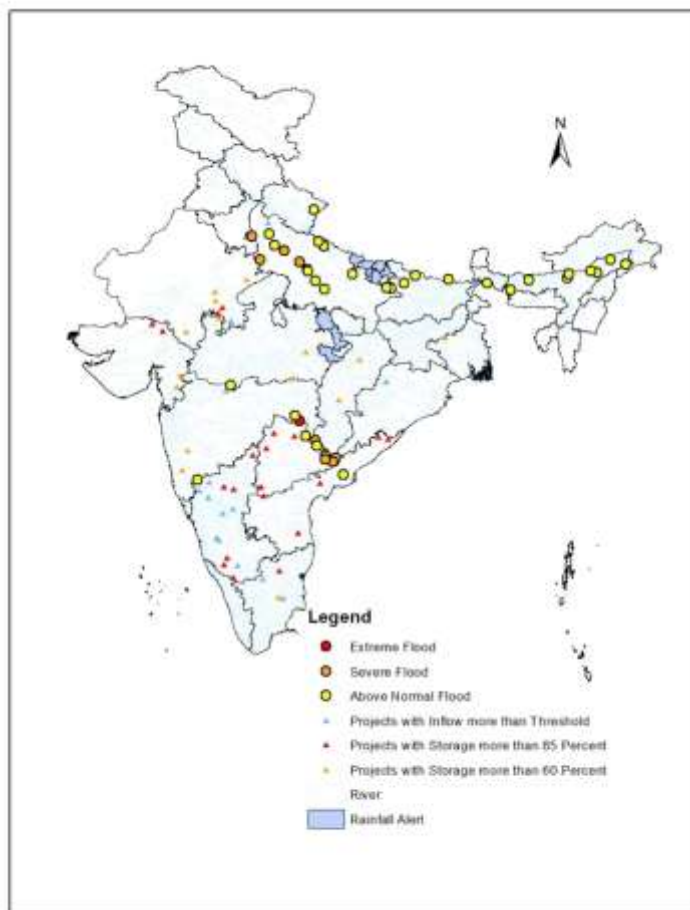
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 30th July 2023, 06 stations (03 in Uttar Pradesh, 2 in Andhra Pradesh and 01 in Assam) are flowing in Severe Flood Situation, 27 stations (08 in Uttar Pradesh, 06 each in Assam & Bihar, 04 in Telangana, 01 each in Andhra Pradesh, Delhi & West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 29 Dams and Barrages (12 in Karnataka, 04 in Telangana, 3 each in Uttar Pradesh & Andhra Pradesh, 02 each in Gujarat, Tamil Nadu and 1 each in Maharashtra, Odisha & Uttarakhand).

PART - I: LEVEL FORECAST		(Total Sites - 199)	
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))	Andhra Pradesh(2), Assam(1), Uttar Pradesh(3)	6
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Andhra Pradesh(1), Assam(6), Bihar(6), Delhi(1), Telangana(4), Uttar Pradesh(8), West Bengal(1)	27
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)		Andhra Pradesh(3), Gujarat(2), Karnataka(12), Maharashtra(1), Odisha(1), Tamil Nadu(2), Telangana(4), Uttar Pradesh(3), Uttarakhand(1)	29

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb30.07.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Telangana

Rainfall has decreased over the area. But, the flood wave due to past extremely heavy rains are currently passing through Krishna and Godavari basins. As per CWC hydrological observation sites severe flood exists in Godavari river in Mulugu dist. All the cascading dams located on Godavari main stem from Sriramsagar (Nizamabad dist.) to P. V. N. Roa Kantanapally (Mulugu dist.) are getting heavy inflows. It is expected to be normal in next 2 days.

Actual Inflow / level forecast issued can be viewed at <https://fs.india-water.gov.in/>. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Perur	Godavari	Mulugu	Severe	Falling
Bhadrachalam	Godavari	Bhadradi	Above Normal	Falling
Dummagudem	Godavari	Bhadradi	Above Normal	Falling

Karnataka

Intensity of rainfall over coastal Karnataka has decreased. The very heavy rains that continued from past many days over the region has induced large surface flow in Krishna and Cauvery basins. The heavy inflows into all major/medium dams located in Upper Cauvery rivers and Upper Krishna rivers are continuing, such as Koyna dam (Satara dist.), Singatlur Barrage (Gadag dist.), Tungabhadra dam (Ballary dist.), Narayanpur, Almatti, Hipparagi Barrage (Bagalkot dist.), Hidkal (Belgam dist. Ghataprabha river), Malaprabha dam (Belgaum dist.), Upper Tunga (Shimoga dist.), Bhadra (Chikmangalur dist.). Similarly in Cauvery basin Krishnarajasagar (Mandya dist.), Harangi (Kodagu dist.), Kabini (Mysore dist.) are getting increased inflows. Releases may be done as per Standard Operating Procedure and Rule Curves after intimating to all concerned downstream districts as well as to lower riparian States.

New Delhi

The water levels at CWC Delhi Railway Bridge site is almost steady and expected to rise to be 205.4 m (Severe Flood) by 2100 hrs of 30.07.2023.

Andhra Pradesh

Due to downward propagation of flood waves created in Upper Godavari, flood situation has been observed at CWC sites located in lower Godavari districts such as **Alluri Sitharama Raju** and **East Godavari**. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Kunnavaram	Godavari	Alluri Sitharama Raju	Severe	Falling
Chinturu	Godavari	Alluri Sitharama Raju	Severe	Falling
Dowlaiswaram	Godavari	East Godavari	Above Normal	Steady

Uttarakhand

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Raysi	Ganga	Haridwar	Above Normal	Falling

Uttar Pradesh

Current flood situation as per CWC network is given below (in above normal only rising case is included):

CWC Site	River	District	Flood Type	Trend in Water Level
Kachhla Bridge	Ganga	Badaun	Severe	Steady
Pragyaghat	Yamuna	Mathura	Severe	Steady
Fatehgarh	Ganga	Farrukhabad	Severe	Steady
Khadda	Gandak	Kushinagar	Above Normal	Rising

Assam

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Neamatighat	Brahmaputra	Jorhat	Above Normal	Falling
Beki Road	Beki	Barpeta	Above Normal	Falling
Badatighat	Brahmaputra	Lakhimpur	Above Normal	Falling
Tezpur	Brahmaputra	Sonitpur	Above Normal	Rising
Dhubri	Brahmaputra	Dhubri	Above Normal	Rising

Maharashtra

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Terwad	Panchganga	Kolhapur	Above Normal	Steady

Bihar

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Birpur	Kosi	Supaul	Severe	Steady
Benibad	Bagmati	Muzzafarpur	Severe	Rising
Basua	Kosi	Supaul	Above Normal	Rising
Baltara	Kosi	Khagaria	Above Normal	Rising

West Bengal

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Mekhliganj	Teesta	Kooch Bihar	Above Normal	Steady

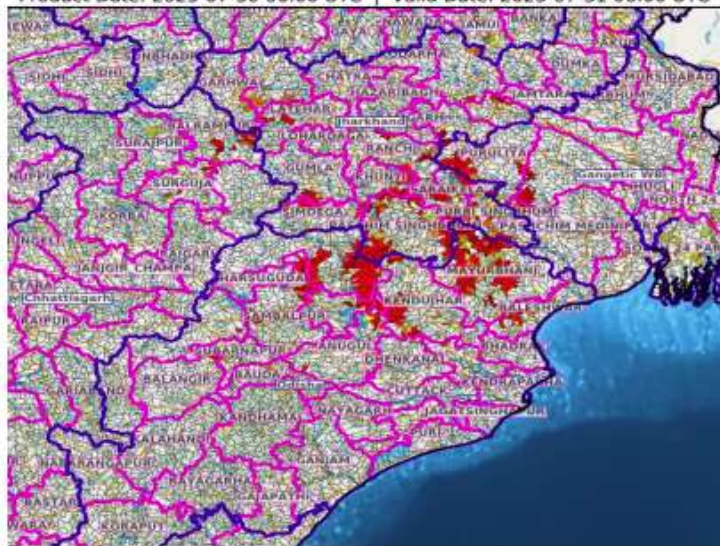
2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 31-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of Chhattisgarh, Odisha, Gangetic West Bengal and Jharkhand 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.

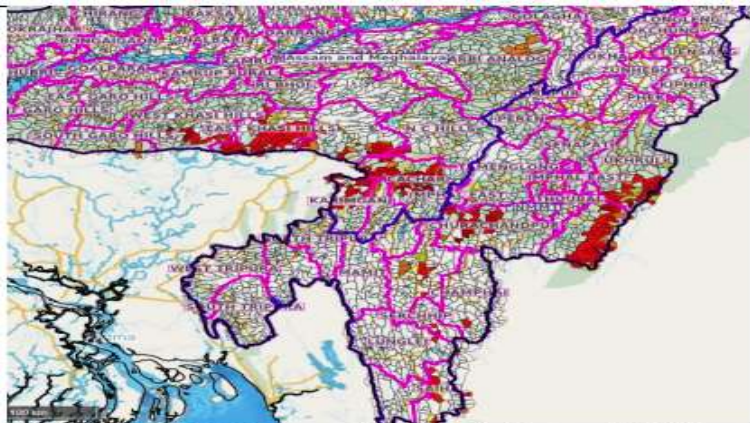
Product: WRF FFR | Timescale: 24-hr | Region: "INDIA"
Product Date: 2023-07-30 06:00 UTC | Valid Date: 2023-07-31 06:00 UTC



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 31-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of Assam & Meghalaya and NMMT Met Sub-divisions during next 24 hours.

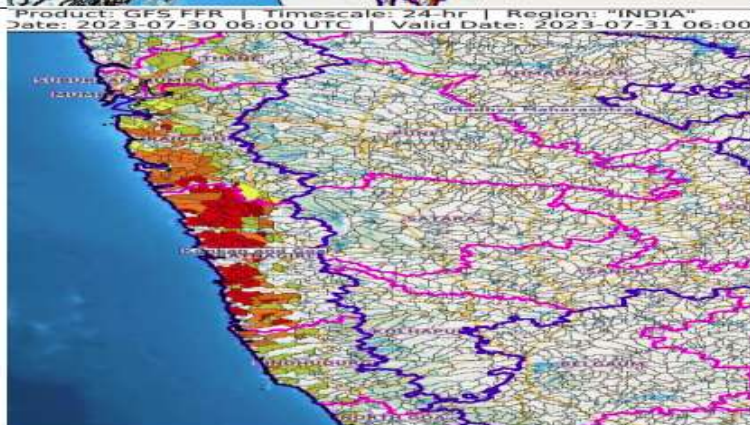
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 31-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods 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	31-07-2023	01-08-2023	02-08-2023	03-08-2023	04-08-2023	05-08-2023	06-08-2023
1	KACHHLA BRIDGE	GANGA	BUDAUN	Uttar Pradesh	E	E	S	S	S	S	E
2	DELHI RAILWAY BRIDGE	YAMUNA	NORTH	NCT of Delhi	AN	AN	AN	AN	S	S	S
3	ETAWAH	YAMUNA	ETAWAH	Uttar Pradesh	AN	AN	AN	S	S	S	AN
4	FATEHGARH	GANGA	FARRUKHABAD	Uttar Pradesh	S	S	S	S	S	S	S
5	MATHURA (PRAYAG GHAT)	YAMUNA	MATHURA	Uttar Pradesh	S	S	S	S	S	S	S
6	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	AN	AN	AN	AN	S	S	S
7	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	S	S	S	AN	AN	S	S
8	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	AN	AN	AN	S	S	S	S
9	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	AN	AN	AN	S	S	S	S
10	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	S	AN	AN	AN	AN	AN	AN
11	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
12	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN

13	BALTARA	KOSI	KHAGARIA	Bihar	AN	AN	AN	AN	AN	AN	AN
14	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
15	DARAULI	GHAGRA	SIWAN	Bihar	AN	AN	AN	AN	AN	AN	AN
16	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar PradEsh	AN	AN	AN	AN	AN	AN	S
17	KANNAUJ	GANGA	KANNAUJ	Uttar PradEsh	AN	AN	AN	AN	AN	AN	AN
18	KANPUR	GANGA	KANPUR NAGAR	Uttar PradEsh	AN	AN	AN	AN	AN	AN	AN
19	BEKI ROAD BRIDGE	BEKI	BARPETA	ASSam	AN	AN	AN	AN	AN	AN	S
20	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	ASSam	AN	AN	AN	AN	AN	AN	AN
21	TEZPUR	BRAHMAPUTRA	SONITPUR	ASSam	AN	AN	AN	AN	AN	AN	AN
22	DHUBRI	BRAHMAPUTRA	DHUBRI	ASSam	AN	AN	AN	AN	AN	AN	AN
23	AKHUAPADA	BAITARANI	BHADRAK	OdiSha	AN	AN	AN	AN	AN	AN	AN
24	GOLOKGANJ	SANKOSH	DHUBRI	ASSam	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 30th July 2023

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	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
6	Sriramasagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherial(Telangana)					
7	Nizamsagar Dam	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
8	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
9	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
10	Prakasam Barrage	Krishna/Krishna	AP	Krishna /Guntur					
11	Pulichintala Dam	Krishna/Lower Krishna/Krishna	AP	Nalgonda(Tel)/Guntoor, Krishna(AP)					
12	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Telangana)					
13	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Telangana)/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	Almatti Dam	Krishna/Upper Krishna/Krishna	Kar	"Kolhapur(Maharashtra)/ Bagalkote(Karnataka)"					
18	Narayanpur Dam	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/Raichur,Yaadgir					
19	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
20	Dantiwada Dam	Banas/Western Flowing River (Kutch &Saurashtra)	Guj	Banaskantha					
21	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
22	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
23	Sardar Sarovar Dam	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Nrmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
24	Ukai Dam	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
25	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
26	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
27	Totladoh Project	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
28	Warana Dam	Warna river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
29	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
30	Kota Barrage	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
31	Bisalpur Dam	Banas/Upper Chambal/Ganga	Raj	Bhilwara/Tonk					
32	Gudha Dam	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
33	Som Kamla Amba Dam	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
34	Mahi Bajajsagar Dam	Mahi/Mahi B/Mahi	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					

35	Panchana Dam	Gambhiri/Upper Chambal/Ganga	Raj	Karauli,Bharatpur					
36	Bargi Dam	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
37	Pench Reservoir	Pench/Godavari	MP	Chhindwara/Seoni					
38	Barna Dam	Barna/Middle Narmada/Narmada	MP	Raisen					
39	Sanjay Sarovar Project(U wen Pro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
40	Gandhisagar Dam	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
41	Tehri Dam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/Tehri Garhwal/Pauri Garhwal					
42	Ichari Dam	Tons/Yamuna/Ganga	UK	Dehradun/Nahan(HP)					
43	Ravishankar Dam	Mahanadi/Upper Mahanadi/Mahanadi	Chhatis garh	Kanker/Dhamtari,Raipur					
44	Bango Dam	Hasdeo/Upper Mahanadi/Mahanadi	Chhatis garh	Koriya,Korba/JanjgirChampa					

Note- Based on above information, Project Authority may regulate the reservoirs as per standard operating manuals/ rule levels to a void downstream flooding and upstream submergence

