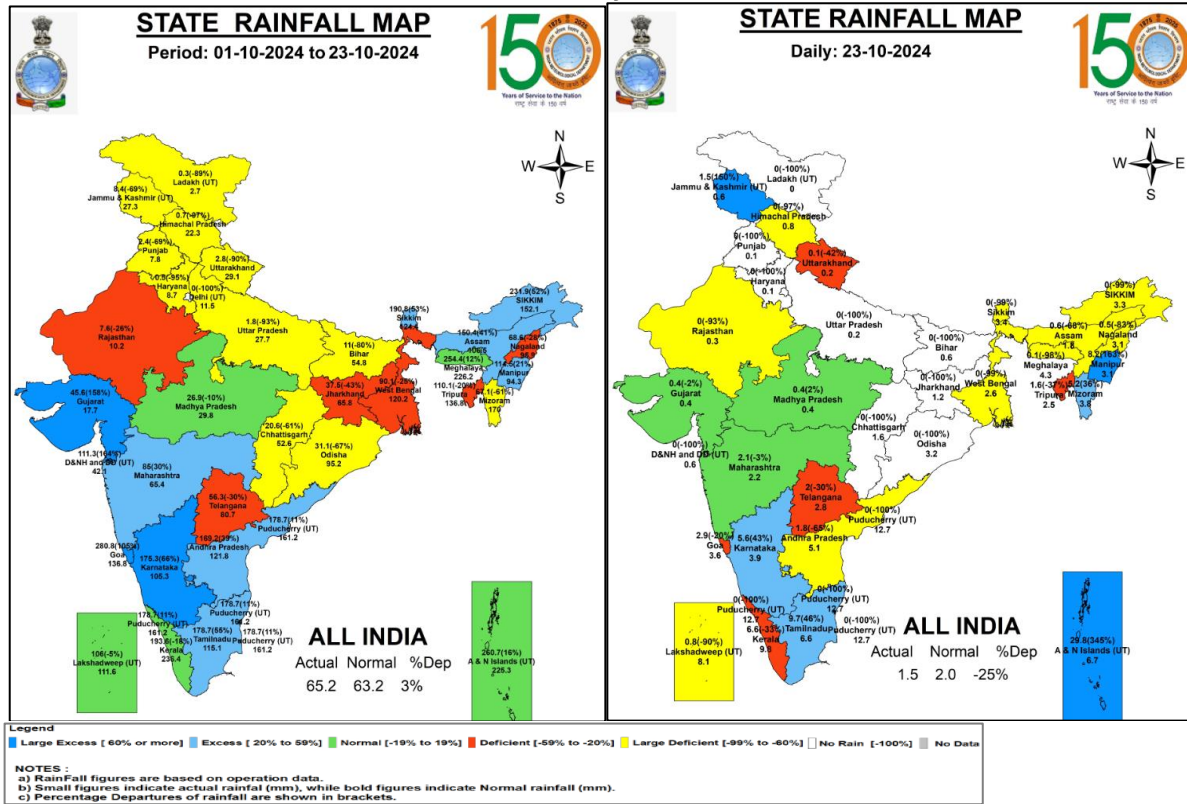




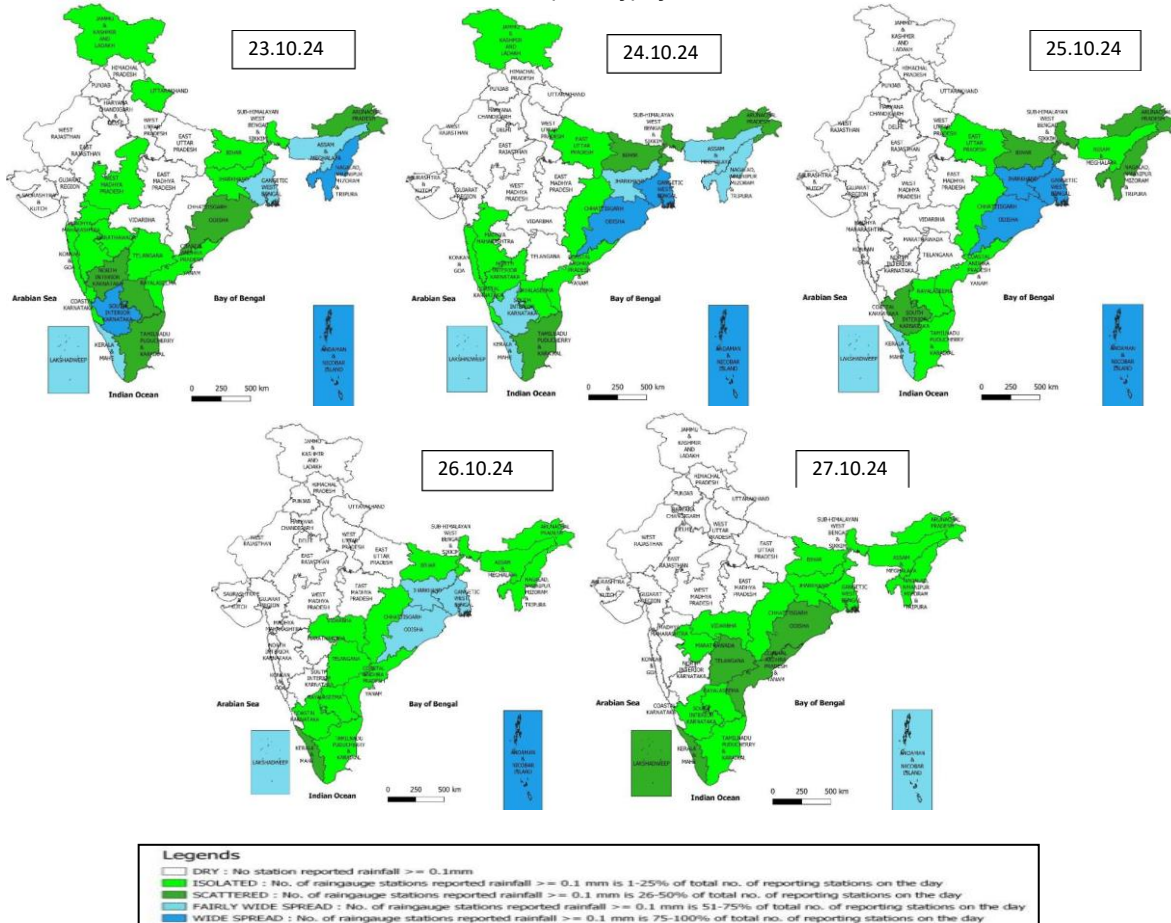
Central Water Commission
Special Advisory for Odisha, West Bengal & Jharkhand
23-10-2024

1.0 Rainfall Situation

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



1.2 Rainfall forecast for next 5 days issued on 23rd Oct 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

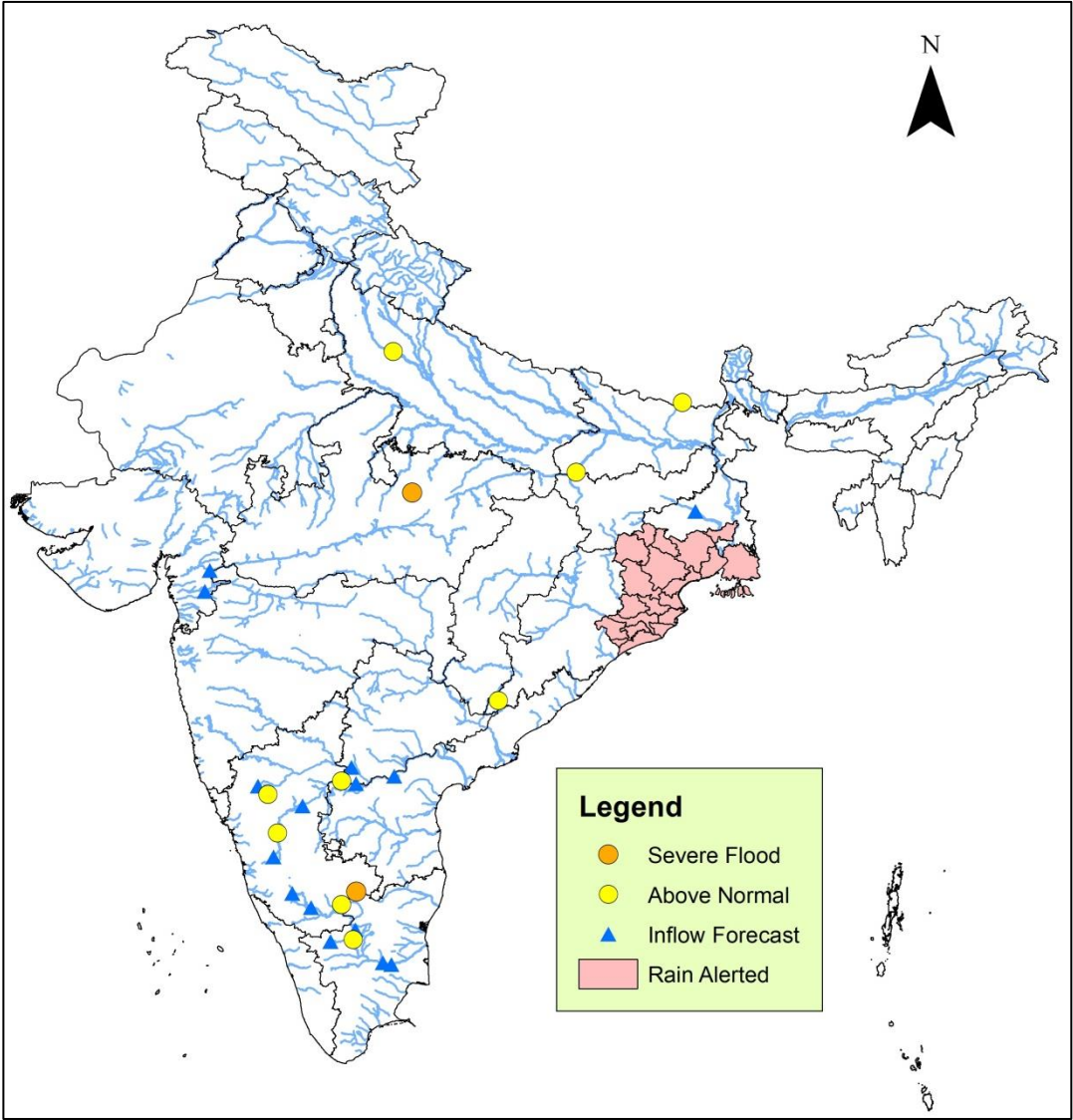
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 23rd October 2024 **2 stations** (1 each in Andhra Pradesh & Uttar Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for **15 Dams** and barrages (5 in Karnataka, 4 in Tamilnadu, 2 each in Andhra Pradesh & Gujarat and 1 each in West Bengal & Telangana)

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)	Andhra Pradesh(1), Uttar Pradesh(1)	2	
Total number of sites above Warning Level (A+B+C)			2	
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(2), Gujarat(2), Karnataka(5), Tamil Nadu(4), Telangana(1), West Bengal(1)	15	

Details are given at link: https://cwc.gov.in/sites/default/files/cfcrcwcdfb23.10.2024_5.pdf

Flood Situation Map

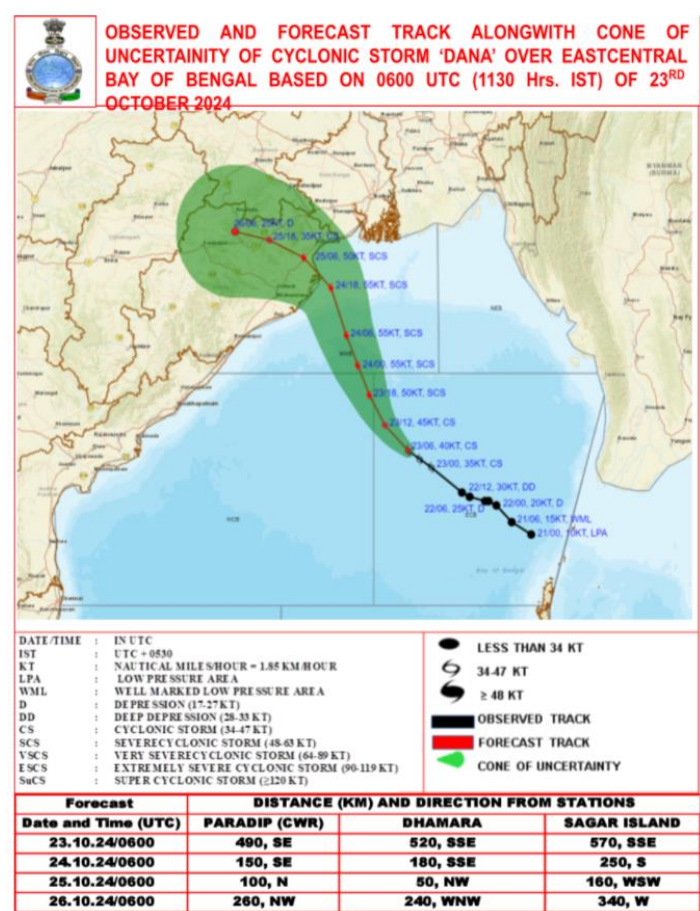


2.3 CWC Advisories

Synoptic Situation and Rainfall Forecast (As per IMD)

- The cyclonic storm “DANA” (pronounced as Dana) over Eastcentral Bay of Bengal moved northwestwards with a speed of 12 kmph during past 6 hours and lay centred at 1430 hrs IST of today, the 23rd October, over the eastcentral & adjoining westcentral Bay of Bengal near latitude 16.9° N and longitude 89.1°E, about 460 km southeast of Paradip (Odisha), 490 km south-southeast of Dhamara (Odisha) and 540 km south-southeast of Sagar Island (West Bengal). It is very likely to move northwestwards and intensify into a severe cyclonic storm over northwest Bay of Bengal by early morning of 24th and cross north Odisha and West Bengal coasts between Puri and Sagar Island close to Bhitarkanika and Dhamara (Odisha) during night of 24th to morning of 25th October, 2024 as a severe Cyclonic Storm with a wind speed of 100-110 kmph gusting 120 kmph.
- An upper air cyclonic circulation lies over Comorin area & neighbourhood in lower and middle tropospheric levels.
 1. Light to moderate rainfall at most places with heavy rainfall (07-11 cm) at isolated places is very likely over Balasore, Bhadrak, Kendrapara, Jagatsingpur, Puri and Khorda, districts of Odisha commencing from evening of 23rd October & heavy to very heavy rainfall at a few places and extremely heavy rainfall (≥ 21 cm) at isolated places over Baleswar, Mayurbhanj, Bhadrak, Kendrapara, Jagatsingpur Kendujhar, Jajpur, Cuttack and Dhenkanal, Khorda and Puri districts of Odisha on 24th & 25th October.
 2. Light to moderate rainfall at most places with heavy rainfall at isolated places is very likely on 23rd October and heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places over South & North 24 Parganas, East & West Medinipur, Jhargram, Howrah, Hooghly, Kolkata and Bankura districts of Gangetic West Bengal on 24th & 25th October.
 3. Light to moderate rainfall at most places is likely over south Jharkhand with heavy rainfall at isolated places on 24th and heavy to very heavy rainfall at isolated places on 25th October.

Path of cyclonic storm “DANA”



Odisha

As extremely heavy to very heavy rainfall is expected in Odisha as a result of landfall of cyclonic storm “DANA”, water level rise is expected in rivers Brahmani, Baitarni, Salandi, Burhabalanga, Subarnarekha, Mahanadi and other rivers in districts Kendujhar, Mayurbanj, Baleswar, Jajapur, Dhenkanal, Bhadrak, Cuttack, Kendraparha, Nayagarh, Khordha, Jagatsinghpur, Puri, Anugul for next 48 hrs. All Major/ Medium projects in the above mentioned districts may be operated as per SOP and releases may be done after informing downstream areas. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Potteru	Potteru vagu	Malkangiri	Above Normal	Steady

West Bengal

As extremely heavy to very heavy rainfall is expected in West Bengal as a result of landfall of cyclonic storm “DANA”, water level rise is expected in rivers Kangsabati, Subarnarekha, Rupnarayan, Hooghly, Damodar, Ganga, Ichhamati, Damodar and other rivers in districts Jhargram, Paschim Medinipur, Purba Medinipur, Hooghly, Howrah, North 24 Parganas, South 24 Parganas, Purulia, Bankura for next 48 hrs. All Major/ Medium projects in the above mentioned districts may be operated as per SOP and releases may be done after informing downstream areas.

Jharkhand

Water level rise is expected in rivers Koel, Deo, Baitarni and other rivers in districts Paschim Singhbhum, Purba Singhbhum, Saraikela for next 48 hrs. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Japla	Sone	Palamau	Above Normal	Steady

Note: Please follow CWC's website <https://ffs.india-water.gov.in/#/> for getting information on latest water levels and flood forecast.

3.0 Advisory Flood Forecast for next 7-days in Table form

The flood situation of Flood Forecasting Stations likely to be above warning level for next 7days

S.No.	Station	River	District	State	24-10-2024	25-10-2024	26-10-2024	27-10-2024	28-10-2024	29-10-2024	30-10-2024
1	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
2	MANTRALAYAM	TUNGABHADRA	KURNOOL	Andhra Pradesh	AN	AN	AN	AN	N	N	N
3	MADURAI	VAIGAI	MADURAI	Tamil Nadu	AN	AN	AN	N	N	N	N

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).

4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 23rd October 2024

Storageabove85%	
Storageabove60%	

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				
					Day1	Day2	Day3	Day4	Day 5
1	Srisaillam Reservoir	Krishna/Upper Krishna/Krishna	Andhra Pradesh	Kurnool					
2	Somasila Dam	North Pennar/Lower Pennar/Pennar	Andhra Pradesh	Nellore					
3	Madduvalasa Reservoir	Nagavali/Nagavali&Others/ERF(Mahanadi to Pennar)	Andhra Pradesh	Vizianagaram					
4	KLRS Pulichintala Dam	Krishna/Lower Krishna/Krishna	Andhra Pradesh	Guntur					
5	Gotta Barrage	Vamsadhara/Vamsadhara/EFR(Mahanadi to Pennar)	Andhra Pradesh	Srikakulam					
6	Prakasam Barrage	Krishna/Lower Krishna/ Krishna	Andhra Pradesh	Krishna/ Guntur					
7	Sunkesula	Tungabhadra/Lower Tungabhadra/Krishna	Andhra Pradesh	Kurnool					
8	Singatalur Barrage	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Gadag					
9	Kabini Reservoir	Kabini/Middle Cauvery/Cauvery	Karnataka	Mysore					
10	Harangi Reservoir	Harangi/Upper Cauvery/Cauvery	Karnataka	Kodagu					
11	Malaprabha Dam	Malaprabha/Upper Krishna/Krishna	Karnataka	Belgaum					

12	Tungabhadra Dam	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Ballari					
13	Bhadra Reservoir	Bhadra/Upper Tungabhadra/Krishna	Karnataka	Chikamagaluru					
14	Hidkal Dam	Ghataprabha/Upper krishna/Krishna	Karnataka	Belgaum					
15	Hemavathy Reservoir	Hemavathy/Upper Cauvery/Cauvery	Karnataka	Hassan					
16	Krishnarajasagar Reservoir	Cauvery/Middle Cauvery/Cauvery	Karnataka	Mandya					
17	Narayanpur Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
18	Almatti Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
19	Hippargi Barrage	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
20	Karanja Dam	Karanja/Manjra/Godavari	Karnataka	Bidar					
21	Idamalayar Reservoir	Periyar/Periyar and Others/WFR(Tadri to Kanyakumari)	Kerala	Ernakulam					
22	Idukki Reservoir	Periyar/Periyar and Others/WFR(Tadri to Kanyakumari)	Kerala	Idukki					
23	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmednagar					
24	Gosikhurd Dam	Wainganga/Wainganga/Godavari Basin	Maharashtra	Bhandara					
25	Jaikwadi Dam	Godavari/Middle Godavari/Godavari	Maharashtra	Aurangabad					
26	Warna dam	Warna/Upper Krishna/Krishna	Maharashtra	Kolhapur					
27	Totladoh Project	Pench/Wainganga/Godavari	Maharashtra	Nagpur					
28	Ujjani Reservoir	Bhima/Upper Bhima/Krishna Basin	Maharashtra	Solapur					

29	Veer Dam	Nira/Upper Bhima/Krsihna Basin	Maharashtra	Satara					
30	Koyna Dam	Koyna/Upper Krishna/Krishna	Maharashtra	Satara					
31	Upper Wardha Project	Wardha/Wardha/Godavari Basin	Maharashtra	Amaravati					
32	Mula Dam	Mula/Upper Godavari/Godavari	Maharashtra	Ahmednagar					
33	Issapur Reservoir	Penganga/Wardha/Godavari	Maharashtra	Yavatmal					
34	Yeldari Reservoir	Purna/Middle Godavari/Godavari	Maharashtra	Parbhani					
35	Hathnur Dam	Tapi/Middle Tapi/Tapi	<u>Maharashtra</u>	Jalgaon					
36	Manjlegaon Dam	Sindhpana/Middle Godavari/Godavari	Maharashtra	Beed					
37	Mettur Reservoir	Cauvery/Middle Cauvery/Cauvery	Tamilnadu	Salem					
38	Bhavanisagar Dam	Bhavani/Middle Cauvery/Cauvery	Tamilnadu	Erode					
39	Vaigai Reservoir	Vaigai/Pamba and Others/EFR Pennar to Kanyakumari	Tamilnadu	Theni					
40	Gomukhi Dam	Vellar/Ponnaiyar and Others/EFR(Pennar to Kanyakumari)	Tamilnadu	Villupuram					
41	Sathanur Dam	Ponnaiyar/Ponnaiyar and Others/EFR(Pennar to Kanyakumari)	Tamilnadu	Thiruvannamalai					
42	Musi Dam	Musi/Lower Krishna/Krishna	Telangana	Nalgonda					
43	Sripada Yellampally Project	Godavari/ Pranhita & Others/Godavari Basin	Telangana	Karimnagar					
44	PD Jurala	Krishna/Upper Krishna/Krishna	Telangana	Mahbubnagar					

45	Sriramsagar Reservoir	Godavari/ Pranhita & Others /Godavari	Telangana	Nizamabad					
46	Nizamsagar Reservoir	Manjira/Manjra/Godavari	Telangana	Kama Reddy					
47	Singur Reservoir	Manjira/Manjira/Godavari Basin	Telangana	Sanga Reddy					
48	Kaddam dam	Kaddamvagu/Pranhita & Others/Godavari	Telangana	Adilabad					

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