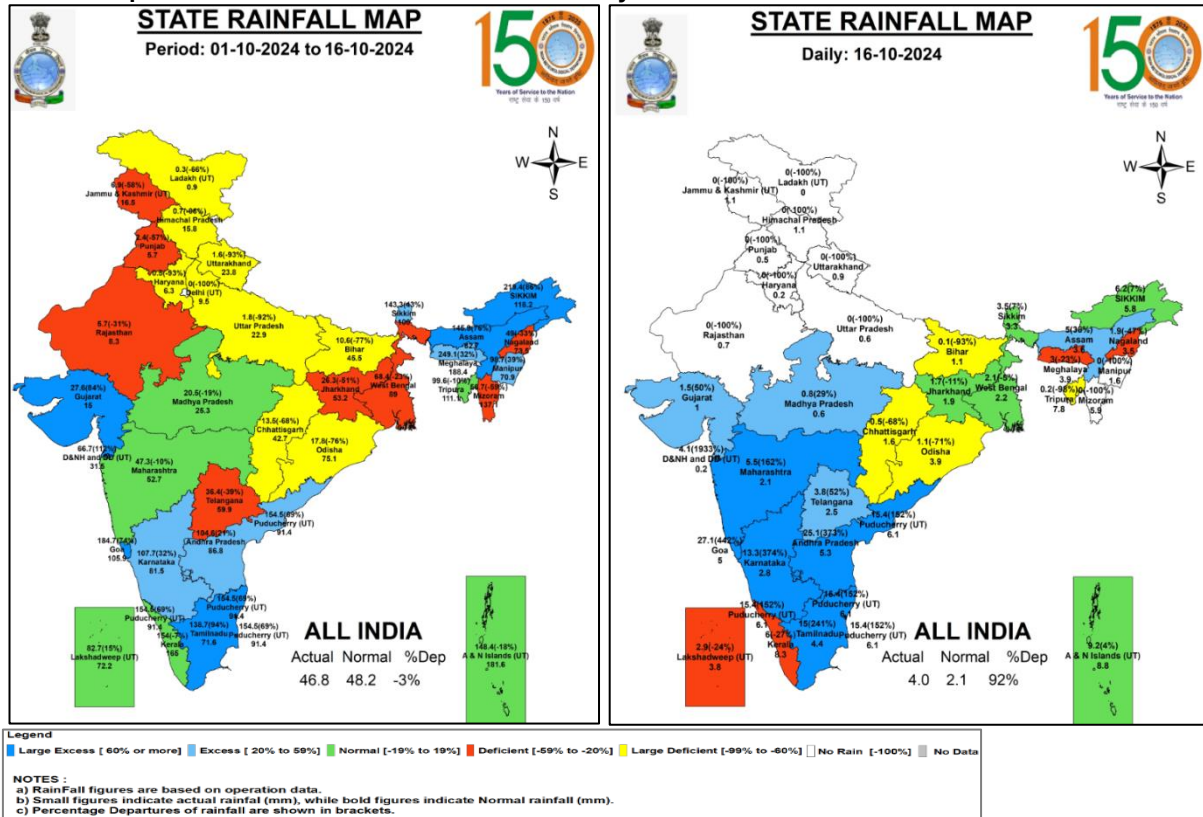




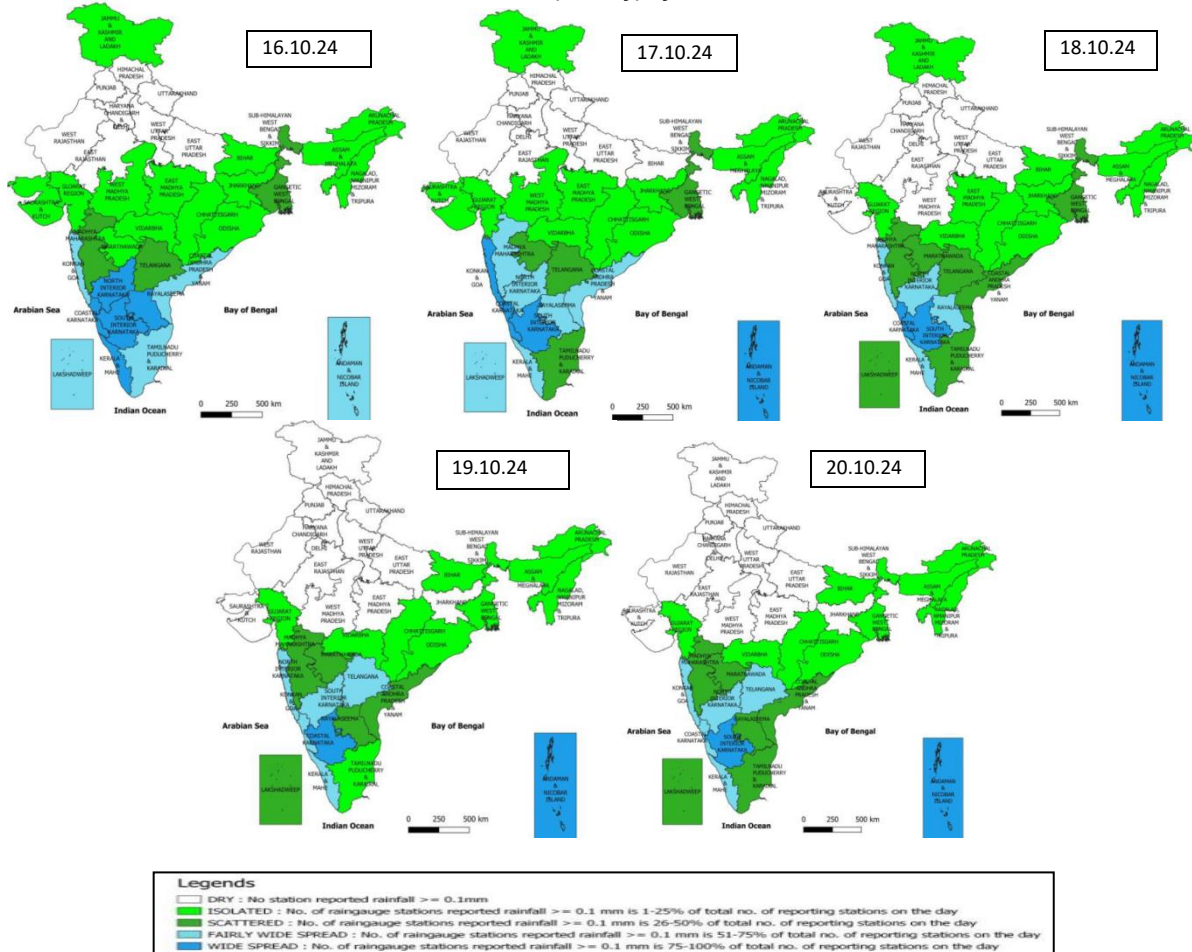
Central Water Commission
Daily Flood Situation Report cum Advisories
16-10-2024

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 16th Oct 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

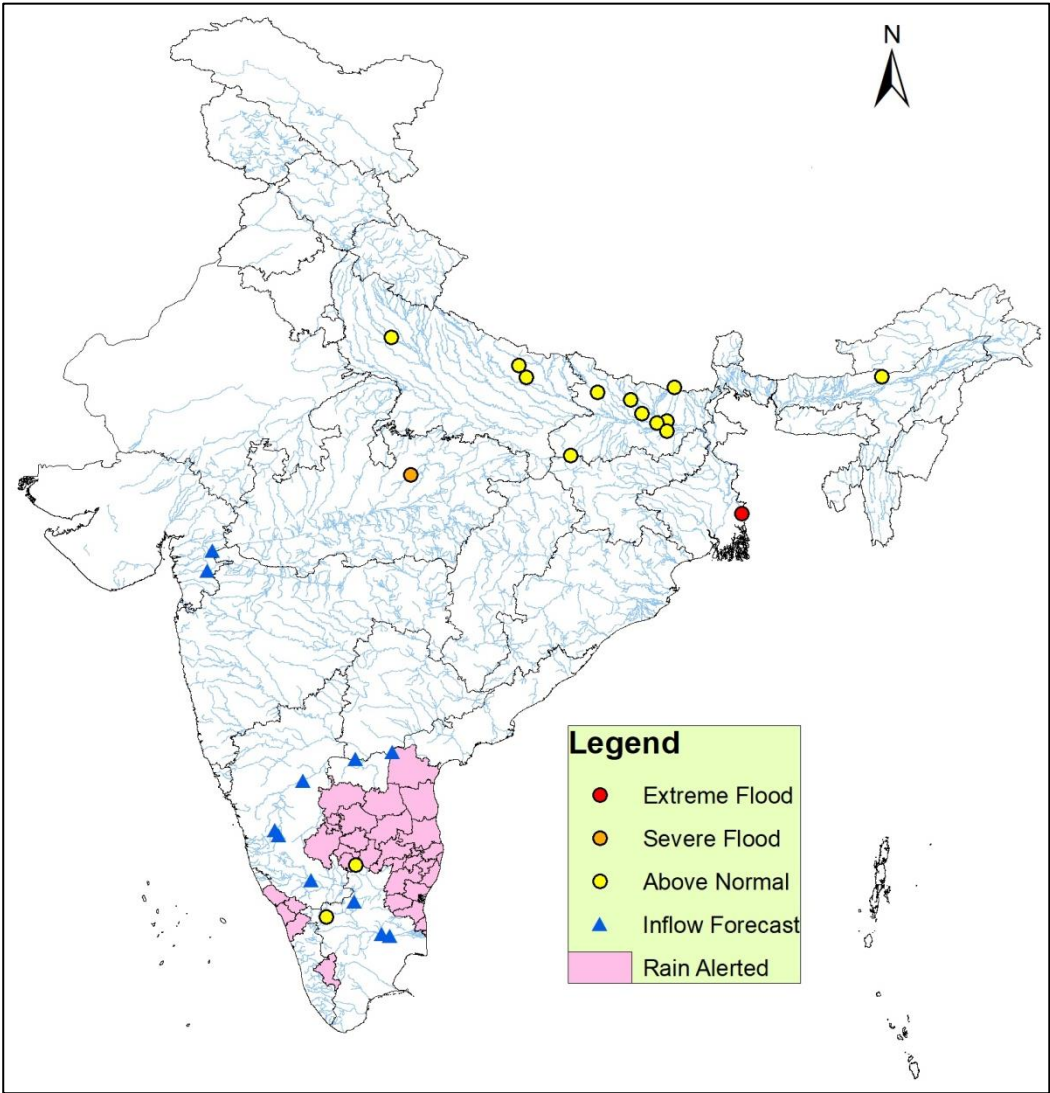
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 16thOctober2024, 7stations (5 in Bihar and1each in Uttar Pradesh & Assam) are flowing in Above Normal Flood Situation.Inflow Forecast has been issued for 11Dams and barrages (4 in Karnataka, 3 in Tamilnadu and 2 each in Andhra Pradesh & Gujarat)

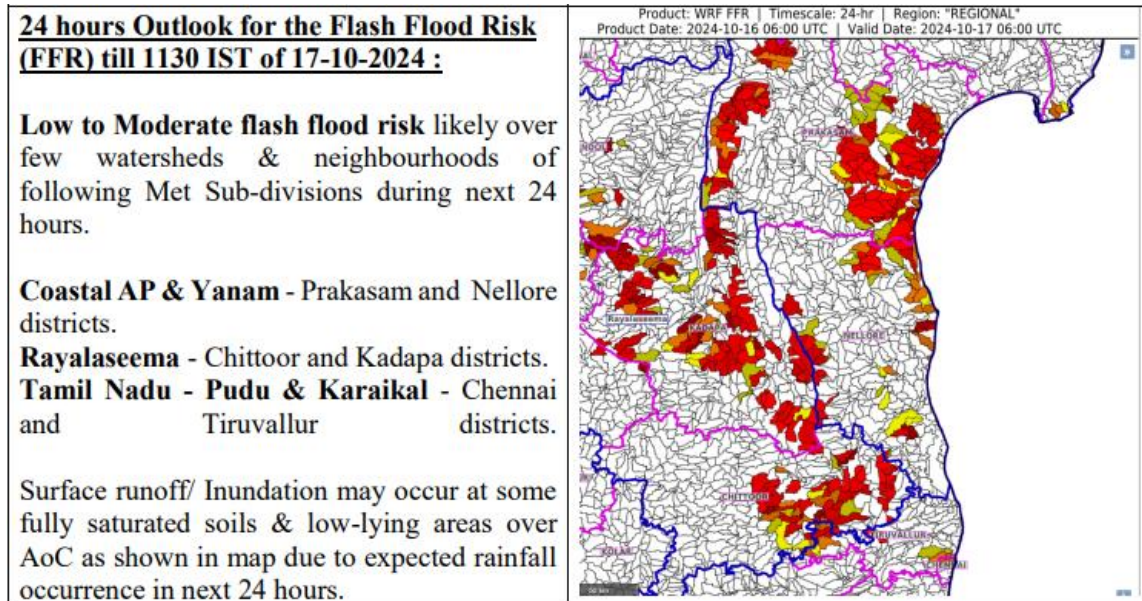
PART - I: LEVEL FORECAST		(Total Sites - 200)		
S.No.	Flood Situations	State-wise Flood Situation	Numbers of Forecasting Sites	
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)		0	
B	Severe Flood Situation: (Site (s) where water level is touching 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)	Assam(1), Bihar(5), Uttar Pradesh(1)	7	
Total number of sites above Warning Level (A+B+C)			7	
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(4), Tamil Nadu(3)	11	

Details are given at link:https://cwc.gov.in/sites/default/files/cfcrwcdfb16.10.2024_5.pdf

Flood Situation Map



2.2 Flash Flood Guidance



2.3 CWC Advisories

Synoptic Situation and Rainfall Forecast (As per IMD)

- The Depression over southwest and adjoining westcentral Bay of Bengal moved west-northwestwards with a speed of 15 kmph during past 6 hours and lay centered at 1130 hours IST of today, the 16th October 2024 over the same region near latitude 12.5° N and longitude 82.7° E, about 280 km east-southeast of Chennai (Tamil Nadu), 320 km east-northeast of Puducherry and 370 km southeast of Nellore (Andhra Pradesh). It is likely to move west-northwestwards and cross north Tamil Nadu - South Andhra Pradesh coasts between Puducherry and Nellore, close to Chennai during early morning of 17th October.
- Tamil Nadu & Puducherry:** Light to moderate rainfall over most places with heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places is very likely over north Tamil Nadu & Puducherry on 16th October and isolated heavy to very heavy rainfall over north interior Tamil Nadu on 17th October. Light to moderate rainfall over most places with heavy rainfall at isolated places is very likely over south Tamil Nadu during 16th - 17th October.
 - South Andhra Pradesh & Rayalaseema:** Light to moderate rainfall over most places with heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places is likely on 16th October and heavy rainfall at isolated places is likely on 17th October.
 - Kerala & south Interior Karnataka:** Light to moderate rainfall over most places with heavy to very heavy rainfall at isolated places is likely over Kerala and south Interior Karnataka during 16th - 17th October.

Tamilnadu

Increased runoff expected in rivers Kosasthalaiyar, Cooum, Adayar, Marudaiyar, Palar, Cheyyar and other rivers in districts Chennai, Kancheepuram, Chengalpettu for next 2 days. Increased runoff is expected in Manimuktha, Vellar rivers Kallakkurichi district; river Kosasthalaiyar in Thiruvallur district; rivers Ponnaiyar, Gadilam in Villupuram, Cuddalore districts and rivers Palar, Ponnaiyar, Cheyyar in Ranipet, Vellore, Thiruvannamalai district; for next 2 days. Water logging is expected in low lying areas in Chennai, Chengalpettu, Kancheepuram, Cuddalore for next two days. Current flood situation in the state as per CWC network is as follows:

CWC Site	River		District	Flood Type	Trend in Water Level
Singasadanapalli	Ponnaiyar		Krishngiri	Above Normal	Rising
Gandhavayal	Bhavani		Coimbatore	Above Normal	Steady

Kerala

Water Level rise is expected in rivers Kabini, Chaliyar, Periyar, Valapattanam and other rivers in districts Wayanad, Kozhikode, Malappuram, Idukki, Kannur for next 48 hrs.

Andhra Pradesh

Increased runoff is expected in rivers Krishna, Musi, Paleru, Pennar, Swarnamukhi, Cheyyeru, Penneru, Palar, Swarnamukhi, Kunderu, Papagni, Sagileru and other rivers in Prakasham, SPSR Nellore, Tirupathi, Ysr Kadappa, Annamayya, Chittoor, Bapatla, Anantapuramu, Srisathyasai districts for next 24 hrs. Current flood situation in the state as per CWC network is as follows:

Karnataka

Water Level rise is expected in rivers Pennar in Tumkur dist.; Kumudvati, Pennar, Chitravati in Chikballapur dist.; Palar, Ponnaiyar, Pennar in Kolar dist. and Arkavathi, Chitravati, Ponnaiyer in Bangalore (rural and urban) district for next 24 hrs.

West Bengal

Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Tarinipur	Ichamati	North 24 Parganas	Extreme	Steady

Bihar

Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Birpur	Kosi	Supaul	Above Normal	Steady
Baltara	Kosi	Khagaria	Above Normal	Steady
Dumariaghat	Gandak	Gopalganj	Above Normal	Steady
Rosera	BurhiGandak	Samastipur	Above Normal	Falling
Benibad	Bagmati	Muzaffarpur	Above Normal	Falling
Sultanganj	Ganga	Bhagalpur	Above Normal	Falling
Khagaria	BurhiGandak	Khagaria	Above Normal	Falling

Uttar Pradesh

Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Kachlabridge	Ganga	Budaun	Above Normal	Rising
Basti	Kwano	Basti	Above Normal	Steady
Chandradeepghat	Kwano	Gonda	Above Normal	Falling

Jharkhand

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

Assam

Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
NT Road Xing JiaBharali	Jiabharali	Sonitpur	Above Normal	Falling

Madhya Pradesh

Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Narsinghgarh	Sonar	Damoh	Severe	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 7 days

S.No	Station	River	District	State	17-10-2024	18-10-2024	19-10-2024	20-10-2024	21-10-2024	22-10-2024	23-10-2024
1	KURNOOL TOWN	TUNGABHADRA	KURNOOL	Andhra Pradesh	N	N	N	AN	S	S	AN
2	BHANDARA	WAINGANGA	BHANDARA	Maharashtra	N	N	N	N	AN	S	S
3	AKHUAPADA	BAITARANI	BHADRAK	Odisha	N	N	N	AN	AN	N	N
4	BALTARA	KOSI	KHAGARIA	Bihar	AN	AN	AN	AN	AN	AN	AN
5	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	AN	AN	AN	AN	AN	AN	AN
6	EKMIGHAT	ADHWARA	DARBHANGA	Bihar	AN	AN	AN	AN	AN	AN	AN
7	JHANJHARPUR	KAMALABALAN	MADHUBANI	Bihar	AN	AN	AN	AN	AN	AN	AN
8	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
9	KHAGARIA	BURHI GANDAK	KHAGARIA	Bihar	AN	N	N	N	N	N	N
10	ROSERA	BURHI GANDAK	SAMASTIPUR	Bihar	AN	AN	AN	AN	AN	AN	AN
11	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	AN	AN	N	N	N	N	N
12	DOWLAI SWARAM (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	Andhra Pradesh	N	N	N	N	AN	AN	AN
13	MANTRALAYAM	TUNGABHADRA	KURNOOL	Andhra Pradesh	N	N	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).

4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 16thOctober2024

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	Ravishankar Sagar Dam	Mahanadi/Middle Mahanadi/Mahanadi Basin	Chattisgarh	Dhamtari					
9	Bango Reservoir	Hasdeo/Middle Mahanadi/Mahanadi Basin	Chattisgarh	Korba					
10	Ukai Reservoir	Tapi/Middle Tapi/Tapi Basin	Gujarat	Surat					
11	Madhuban Dam	Damanganga/Bhatsol and Others/WFR(Tapi to Tadri)	Gujarat	Valsad					
12	Panam Dam	Panam/Lower Mahi/Mahi Basin	Gujarat	Panchmahal					
13	Kadana Dam	Mahi/Lower Mahi/Mahi Basin	Gujarat	Mahisagar					
14	Sardar Sarovar Project	Narmada/Middle Narmada/Narmada Basin	Gujarat	Narmada					
15	Shetrunji Dam	Shetrunji/Shetrunji & Other EFR/WFR(Kutch & Saurashtra)	Gujarat	Bhavnagar					
16	Dharoi Dam	Sabarmati/Upper Sabarmati/Sabarmati	Gujarat	Mehsana					
17	Tenughat Reservoir	Damodar/Damodar/Ganga	Jharkhand	Bokaro					

18	Konar Reservoir	Konar/Damodar/Ganga	Jharkhand	Hazaribagh					
19	Maithon Dam	Barakar/Damodar/Ganga	Jharkhand	Dhanbad					
20	Tilaiya Reservoir	Barakar/Damodar/Ganga	Jharkhand	Hazaribagh					
21	Singatalur Barrage	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Gadag					
22	Kabini Reservoir	Kabini/Middle Cauvery/Cauvery	Karnataka	Mysore					
23	Harangi Reservoir	Harangi/Upper Cauvery/Cauvery	Karnataka	Kodagu					
24	Malaprabha Dam	Malaprabha/Upper Krishna/Krishna	Karnataka	Belgaum					
25	Tungabhadra Dam	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Ballari					
26	Bhadra Reservoir	Bhadra/Upper Tungabhadra/Krishna	Karnataka	Chikamagaluru					
27	Hidkal Dam	Ghataprabha/Upper krishna/Krishna	Karnataka	Belgaum					
28	Hemavathy Reservoir	Hemavathy/Upper Cauvery/Cauvery	Karnataka	Hassan					
29	Krishnarajasagar Reservoir	Cauvery/Middle Cauvery/Cauvery	Karnataka	Mandya					
30	Narayanpur Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
31	Almatti Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
32	Hippargi Barrage	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
33	Karanja Dam	Karanja/Manjra/Godavari	Karnataka	Bidar					
34	Idamalayar Reservoir	Periyar/Periyar and Others/WFR(Tadri to Kanyakumari)	Kerala	Ernakulam					
35	Idukki Reservoir	Periyar/Periyar and Others/WFR(Tadri to Kanyakumari)	Kerala	Idukki					
36	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmednagar					
37	Gosikhurd Dam	Wainganga/Wainganga/Godavari Basin	Maharashtra	Bhandara					
38	Jaikwadi Dam	Godavari/Middle Godavari/Godavari	Maharashtra	Aurangabad					

39	Warna dam	Warna/Upper Krishna/Krishna	Maharashtra	Kolhapur					
40	Totladoh Project	Pench/Wainganga/Godavari	Maharashtra	Nagpur					
41	Ujjani Reservoir	Bhima/Upper Bhima/Krishna Basin	Maharashtra	Solapur					
42	Veer Dam	Nira/Upper Bhima/Krsihna Basin	Maharashtra	Satara					
43	Koyna Dam	Koyna/Upper Krishna/Krishna	Maharashtra	Satara					
44	Upper Wardha Project	Wardha/Wardha/Godavari Basin	Maharashtra	Amaravati					
45	Mula Dam	Mula/Upper Godavari/Godavari	Maharashtra	Ahmednagar					
46	Issapur Reservoir	Penganga/Wardha/Godavari	Maharashtra	Yavatmal					
47	Yeldari Reservoir	Purna/Middle Godavari/Godavari	Maharashtra	Parbhani					
48	Hathnur Dam	Tapi/Middle Tapi/Tapi	<u>Maharashtra</u>	Jalgaon					
49	Manjlegaon Dam	Sindhpana/Middle Godavari/Godavari	Maharashtra	Beed					
50	Rajghat Dam	Betwa/Lower Yamuna/Ganga Basin	Madhya Pradesh	Ashok Nagar					
51	Barna Reservoir	Barna/Upper Narmada/Narmada	<u>Madhya Pradesh</u>	Raisen					
52	Upper Wainganga Project(Sanjay Sarovar)	Wainganga/Wainganga/Godavari	Madhya Pradesh	Seoni					
53	Gandhisagar Reservoir	Chambal/Upper Chambal/Ganga	Madhya Pradesh	Mandsaur					
54	Pench Reservoir (Machagora Dam)	Pench/Wainganaga/Godavari Basin	Madhya Pradesh	Chindwara					
55	Bargi Reservoir	Narmada/Upper Narmada/Narmada	<u>Madhya Pradesh</u>	Jabalpur					
56	Bawanthadi Reservoir	Bawanthri/Wainganga/Godavari Basin	Madhya Pradesh	Balaghat					

57	Tawa Reservoir	Tawa/Upper Narmada/Narmada	<u>Madhya Pradesh</u>	Narmadapuram					
58	Indira Sagar Reservoir	Narmada/Middle Narmada/Narmada	<u>Madhya Pradesh</u>	Khandwa					
59	Bansagar Dam	Sone/Sone/Ganga Basin	Madhya Pradesh	Shahdol					
60	Madikhera(Atal Sagar) Dam	Sindh/Lower Yamuna/Ganga	Madhya Pradesh	Shivpuri					
61	Upper Indravati Dam	Indravathi/Indravathi/Godavari Basin	Odisha	Nabarangpur					
62	Kolab Dam	Kolab/Indravathi/Godavari Basin	Odisha	koraput					
63	Machhkund Dam	Machhkund/Lower Godavari/Godavari	Odisha	koraput					
64	Rengali Dam	Brahmani/Brahmani/Brahmani & Baitarani	<u>Odisha</u>	Angul					
65	Hirakud Reservoir	Mahanadi/Middle Mahanadi/Mahanadi	<u>Odisha</u>	Sambalpur					
66	Balimela Dam	Sileru/Lower Godavari/Godavari	Odisha	Malkangiri					
67	Salandi Reservoir	Baitarani/Baitarani/ Brahmani & Baitarani	Odisha	Kendujhar					
68	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
69	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch (MP)/Dholpur, Kota, Bundi(Raj)					
70	Panchana Dam	Chambal/Middle Yamuna/Ganga	Rajasthan	Karauli					
71	ParwatiDam	Parbati/Upper Chambal/Ganga	Rajasthan	Dholpur					
72	Gudha Dam	Mej/ Kalisindh & Others/Ganga	Rajasthan	Boondi					
73	MahiBajajsagar Dam	Mahi/Upper Mahi/Mahi	<u>Rajasthan</u>	Banswara					
74	Bisalpur Dam	Banas/Banas/Ganga	<u>Rajasthan</u>	Karauli					
75	Gambhiri Dam	Gambhiri/Banas/Ganga	<u>Rajasthan</u>	Chittorgarh					
76	SomKamlaAmba Dam	SomKamla/Upper Mahi/Mahi	<u>Rajasthan</u>	Dungarpur					

77	Kalisindh Dam	Kalisindh/Kalisindh& Others/Ganga	Rajasthan	Jhalawar					
78	Bhavanisagar Dam	Bhavani/Middle Cauvery/Cauvery	Tamilnadu	Erode					
79	Musi Dam	Musi/Lower Krishna/Krishna	Telangana	Nalgonda					
80	Sripada Yellampally Project	Godavari/ Pranhita & Others/Godavari Basin	Telangana	Karimnagar					
81	PD Jurala	Krishna/Upper Krishna/Krishna	Telangana	Mahbubnagar					
82	Sriramsagar Reservoir	Godavari/ Pranhita & Others /Godavari	Telangana	Nizamabad					
83	Nizamsagar Reservoir	Manjira/Manjra/Godavari	Telangana	Kama Reddy					
84	Singur Reservoir	Manjira/Manjira/Godavari Basin	Telangana	Sanga Reddy					
85	Kaddam dam	Kaddamvagu/Pranhita & Others/Godavari	Telangana	Adilabad					
86	Ichari Dam	Tons/Upper Yamuna/Ganga	Uttarakhand	Dehradun					
87	Tehri Dam	Bhagirathi/Above Ramganga Confluence/Ganga	Uttarakhand	Garhwal					
88	Kangsabati Reservoir	Kangsabati/Damodar/Ganga	West Bengal	Bankura					

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