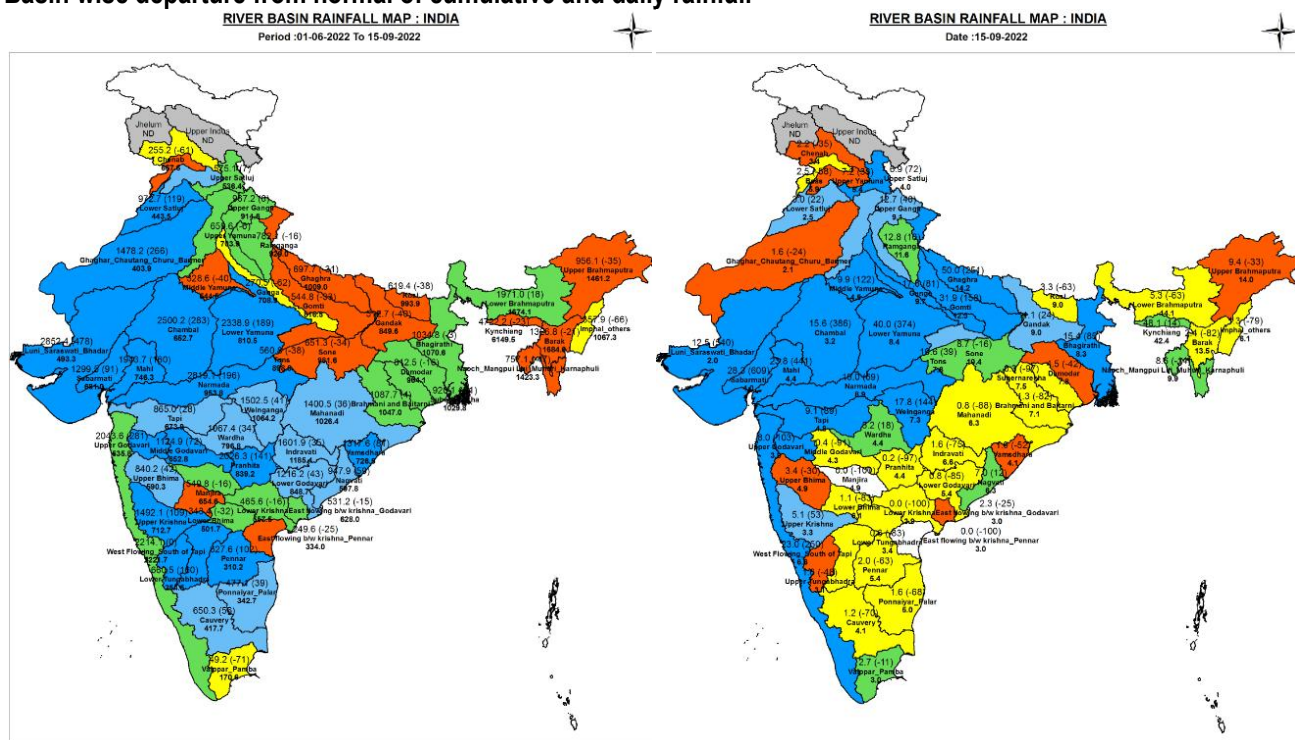




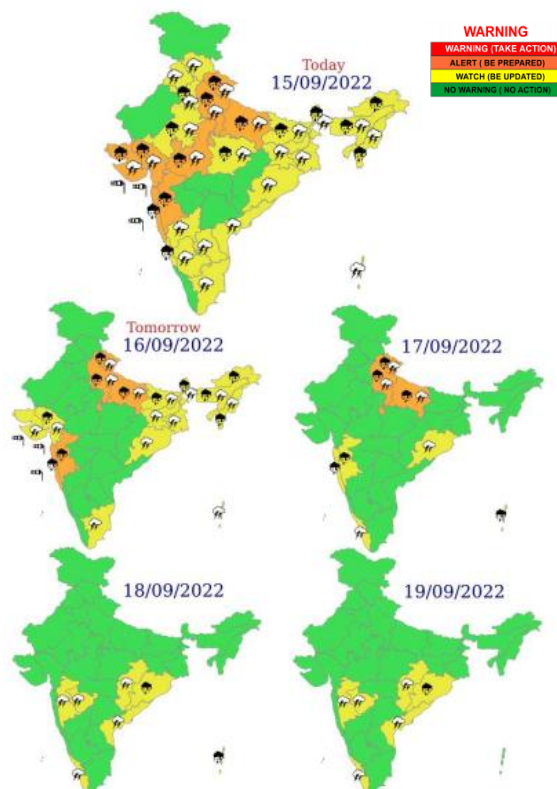
**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**15-09-2022**

**1.0 Rainfall Situation**

**1.1 Basin wise departure from normal of cumulative and daily rainfall**



**1.2 Rainfall forecast for next 5 days issued on 15<sup>th</sup> September 2022 (Midday) by IMD**



- Isolated extremely heavy rainfall over Uttarakhand & West Uttar Pradesh on 17th September, 2022.
- Isolated very heavy rainfall over Gujarat State & West Madhya Pradesh on 15 th; Uttarakhand & Uttar Pradesh during 15 th -17 th and over ghat areas of Madhya Maharashtra and Konkan & Goa on 15th & 16th September, 2022.

## 2.0 Flood Situation and Advisories

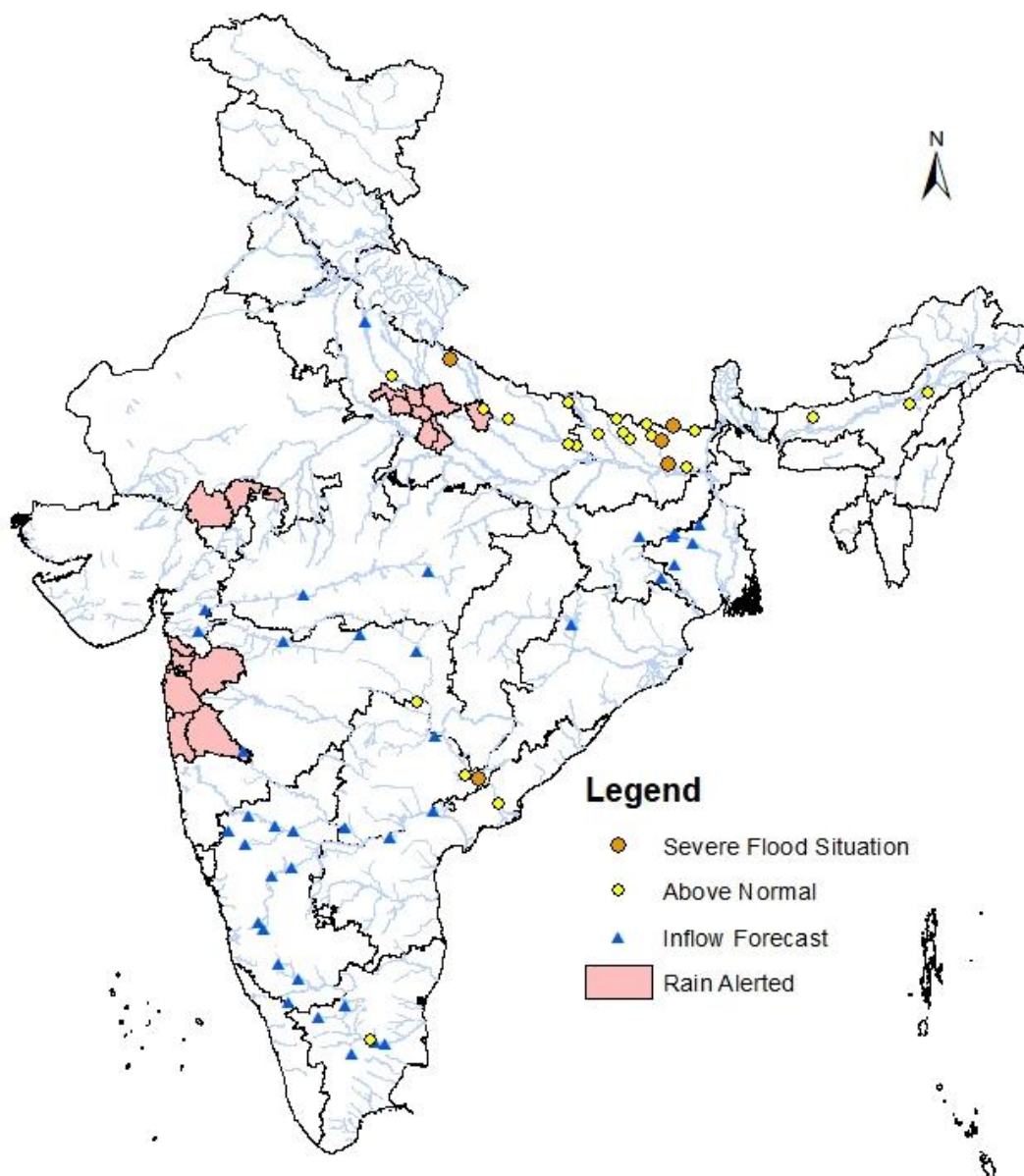
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 15<sup>th</sup> September 2022, 3 stations (2 in Bihar and 1 in Andhra Pradesh) are flowing in Severe Flood Situation, 21 stations (9 in Bihar, 2 in Telangana, 5 in Uttar Pradesh, 3 in Assam and 1 each in Andhra Pradesh & Tamilnadu) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 45 Barrages & Dams (12 in Karnataka, 5 each in Andhra Pradesh & Tamilnadu, 4 each in Jharkhand, Madhya Pradesh & Maharashtra, 3 each in Telangana & West Bengal, 2 each in Gujarat & Uttar Pradesh and 1 in Odisha)

PART - I: LEVEL FORECAST		
S.No.	Flood Situations	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))	3
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	21
Total number of sites above Warning Level ( A+B+C)		24
PART - II: INFLOW FORECAST		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		45

Details are given at link: [http://cwc.gov.in/sites/default/files/cfrcwcdfb15-09-2022\\_5.pdf](http://cwc.gov.in/sites/default/files/cfrcwcdfb15-09-2022_5.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

### Maharashtra

Since IMD had predicted very heavy rains for next 2 days, keep alert for water level rise in rivers Bhima and upper Krishna, upper Godavari in **Pune, Nashik** districts. Keep alert for rivers of Konkan region districts such as Daman Ganga, Varoli, Vaitarna, Ulhas and other small rivers in **Nashik, Thane, Palghar** districts. All major/medium dams with high storages may be operated as per SOP and releases may be done after informing lower riparian areas.

### Gujarat and Dadara and Nagar Haveli

Since IMD has predicted increased rainfall over south Gujarat region hence keep alert for water level rise Lower Tapi in **Tapi, Surat** district, rivers like Damanganga, Ambika, Auranga, Kaveri, Par and other small West flowing rivers **Dangs, Navsari and Valsad** districts and Dadara and Nagar Haveli. Keep alert for water level rise in Ozat, Madhuwati, Megal, Saraswati, Macchundri, Vatr, Hiran and other small rivers in **Dwarka, Junagadh, Somnath** districts. All major/medium dams with high storages may be operated as per SOP and releases may be done after informing lower riparian areas.

### Rajasthan

Since IMD has predicted increased rainfall over Chambal and upper Mahi and Sabarmati basins, keep alert for water level rise in rivers of Chambal basin in **Jhalawar** district and river Mahi and Sabarmati in **Udaipur** district. All major/medium dams with high storages may be operated as per SOP and releases may be done after informing lower riparian areas.

### Uttarakhand

IMD has predicted increase in rainfall in the state from 16.09.2022 and 17.09.2022. Keep alert for water level rise in river Ramganga in **Pithogarh, Bageshwar** districts, rivers of upper Yamuna, Tons in **Uttarkashi, Dehradun** districts, rivers of Alaknanda in **Bageshwar, Chamoli, Rudraprayag, Tehri Garhwal** districts, rivers of upper Ganga, Bhagirathi in **Tehri Garhwal, Uttarkashi** districts, river Saryu in **Pithogarh, Bageshwar** dists., river Kosi in **Nainital** district.

### Andra Pradesh

Due to passage of pressure system through the state, river Godavari is in severe to above normal flood situation. The current flood situation in the state as per CWC data are as follows:

District	CWC Site	River	Flood Situation	Water level Trend
Alluri Sitaramaraju	Kunavaram	Godavari	Severe	Falling
East Godavari	Dowlaiswaram	Godavari	Above Normal	Falling

All major/medium dams with high storages may be operated as per SOP and releases may be done after informing lower riparian areas.

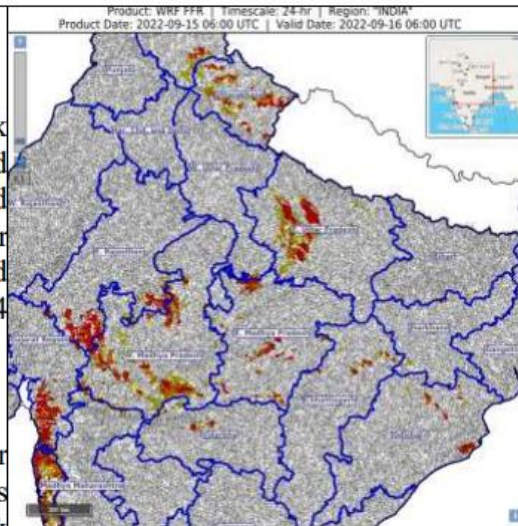
## 2.3 Flash Flood Guidance

### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 16.09.2022:**

**Moderate to high** Flash Flood Risk likely over some watersheds and neighborhoods Uttarakhnad and adjoining Himachal Pradesh, East Uttar Pradesh, West Madhya Pradesh and adjoining East Rjasthan in next 24 hours.

**Moderate Flash** Flood Risk likely over some watersheds and neighborhoods Gujarat Region and adjoining Konkan & Goa in next 24 hours.

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





### 3.0 Advisory Flood Forecast for next 5-days

The flood situation at Flood Forecasting Stations likely to be above warning level for next 5 days:

S.No.	Station	River	District	State	16-09-2022	17-09-2022	18-09-2022	19-09-2022	20-09-2022
1	BENIBAD	BAGMATI	Muzaffarpur	Bihar	AN	S	S	S	S
2	KUNAVARAM	GODAVARI	ALLURI SITHARAMA RAJU	ANDHRA PRADESH	S	AN	N	N	N
3	BALTARA	KOSI	Khagaria	Bihar	S	S	S	S	S
4	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
5	GORAKHPUR_BIRGDHAT	RAPTI	Gorakhpur	Uttar Pradesh	N	N	AN	S	S
6	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	S	S
7	HAYAGHAT	BAGMATI	Darbhanga	Bihar	N	N	AN	S	S
8	JHANJHARPUR	KAMLA	Madhubani	Bihar	AN	S	S	AN	AN
9	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	AN	AN	S	S
10	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	S	S	S	S
11	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	AN	S	S	AN	AN
12	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	AN	S	S	S	S
13	NUMALIGARH	DHANSARI	Golaghat	Assam	AN	AN	AN	AN	S
14	AKHUAPADA	BAITRANI	BHADRAK	Odisha	N	N	N	N	S
15	MATHANIRB	JALKA	Baleshwar	Odisha	N	N	N	N	S
16	BHADRACHALAM	GODAVARI	BHADRADRI	TELANGANA	AN	N	N	N	N
17	PAUNI	WAINGANGA	BHANDARA	MAHARASHTRA	N	AN	AN	AN	AN
18	SIRPUR_TOWN	WARDHA	KUMURAM BHEEM	TELANGANA	AN	AN	N	N	N
19	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	AN	N	N	N	N
20	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	AN
21	BALRAMPUR	RAPTI	Balrampur	Uttar Pradesh	AN	AN	AN	AN	AN
22	BANSI	RAPTI	Siddharth Nagar	Uttar Pradesh	N	N	AN	AN	AN
23	DARAULI	GHAGRA	Siwan	Bihar	N	N	N	N	AN
24	DHENGGRAGHAT	MAHANANDA	Purnia	Bihar	N	N	AN	AN	N
25	EKMIGHAT	ADHWARA	Darbhanga	Bihar	N	AN	AN	AN	AN
26	GARHMUKTESHWAR	GANGA	Hapur	Uttar Pradesh	N	N	N	N	AN
27	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	AN	AN	AN	AN	AN
28	KAMTAUL	ADHWARA	Darbhanga	Bihar	N	AN	AN	AN	AN
29	KURSELA	KOSI	Katihar	Bihar	AN	AN	AN	AN	AN
30	RAE_BARELI	SAI	Rae Bareli	Uttar Pradesh	N	N	N	AN	AN
31	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	N	N	N	AN	AN

32	TURTIPAR	GHAGARA	Ballia	Uttar Pradesh	N	N	AN	AN	AN
33	JAINAGAR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
34	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	N	AN	AN	AN	AN
35	NEAMATIGHAT	BHRAMPUTRA	Jorhat	Assam	AN	AN	AN	AN	AN
36	NH_X_RANGANADI	RANGANADI	Lakhimpur	Assam	N	N	N	AN	AN
37	MUSIRI	CAUVERY	Tiruchirappalli	Tamil Nadu	AN	N	N	N	N
38	SUBASH_BRIDGE	SABARMATI	Ahmadabad	Gujarat	AN	AN	N	N	N
39	KASHINAGAR	VAMSADHARA	GAJAPATI	Odisha	N	N	N	AN	N
40	ARARIA	PARMAN	Araria	Bihar	AN	AN	AN	AN	AN
41	GOLOKGANJ	SANKOSH	DHUBRI	Assam	N	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 15<sup>th</sup>September 2022

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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#	Reservoir/Dams	River/Sub-Basin /Basin	State	US/ DS District	Rainfall situation				
					Day 1	Day 2	Day 3	Day 4	Day 5
1	Pulichinthala	Krishna/Lower Krishna/ Krishna	AP	Nalgonda(Tel)/Guntoor,Krishna (AP)					
2	Srisaillam	Krishna/Lower Krishna/Krishna	AP	JogulambaGadwal(Telangana), Kurnool(AP)/ Nalgonda(Telangana), Guntoor (AP)					
3	Somasila	Pennar/Lower Pennar/Pennar	AP	Kadapa(AP)/Nellore(AP)					
4	Madduvalasa	Nagavalli/Nagavalli/EFR Mahanadi & Godavari	AP	Vizianagaram(AP)/Srikakulam(AP)					
5	Musi	Musi/Lower Krishna/ Krishna	Tel	Nalgonda					
6	Sriramasagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherial(Telangana)					
7	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
8	Kaddam Dam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad,Nirmal/Mancherial					
9	Singur	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
10	Nizamsagar	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
11	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
12	Ukai	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
13	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yaadgir					
14	Harangi	Cauvery/Upper Cauvery/Cauvery	Kar	Kodagu/Mandya					
15	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
16	Karanja	Karanja/Manjira/Godavari	Kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)					
17	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
18	Kabini	Kabini/Kabini/Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
19	Bhadra	Bhadra/UpperTungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
20	KRS	Cauvery/Middle Cauvery/Cauvery	Kar	Mandya, Mysore					
21	Malaprabha	Malaprabha/Malaprabha/Krishna	Kar	Belgaum					
22	Hidkal	Ghataprabha/Ghataprabha/Krishna	Kar	Kolhapur (Mah)/ Belgaum (Kar)					
23	Almatti	Krishna/Upper Krishna/Krishna	Kar	Kolhapur(Maharashtra)/ Bagalkote(Karnataka)					
24	Idukki	Periyar/Upper Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Theni (Tamil Nadu), Ernakulam					
25	Edamalayar	Edamalayar/Middle Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Coimbatore (Tamil Nadu)					
26	Koyna	Koyna/Upper Krishna/Krishna	Mah	Satara/Kolhapur, Sangli					
27	Warana	Warna river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
28	Veer	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
29	Ujjani	Bhima/Upper Bhima/Krishna	Mah	Pune, Solapur					
30	Yeldari	Purna/Purna/Godavari	Mah	Hingoli, Parbhani/Nanded					
31	Upper Wardha	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
32	Issapur	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
33	Totladoh	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
34	Jaikwadi	Godavari/Upper Godavari/Godavari	Mah	Aurangabad, Ahmadnagar/Bid, Jalna					
35	Mula	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
36	Manjlegaon	Sindphana/Middle Godavari/Godavari	Mah	Beed/Parbhani					
37	Hathnur Dam	Hatnur/Upper Tapi/Tapi	Mah	Burhanpur (MP)/Jalgaon(Mah)					
38	Salandi	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
39	Rengali	Brahmani River/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Deogarh/Angul, Dhenkanal					

40	Upper Indravathi	Indravati/Indravati/Godavari	Odisha	Kalahandi,Nabarangpur, Koraput/Norangpur(Odisha), Bastra(Chsgrh)					
41	Hirakud Dam	Mahanadi River/Upper Mahanadi/Mahanadi	Odisha	JanjgirChampa, Raigarh(Chsgrh), Jharsuguda, Bargarh, Sambalpur(Odisha)/Subarnapur, Baudh, Anugul (Odisha)					
42	Bango	Hasdeo/Upper Mahanadi/Mahanadi	Chhattis	Gurguja/Korea, Korba					
43	Ravi Shankar	Mahanadhi/Upper Mahanadi/Mahanadi	Chhatt	Kanker/Gariaband					
44	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri(TN), Coimbatore (TN)/ Erode (TN)					
45	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
46	Vaigai	Vaigai/Upper Vaigai/East flowing rivers South of Cauvery Basin	TN	Theni/Madurai					
47	Sathanur Dam	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Dharmapuri, Tiruvannamalai/Villupuram, Cuddalore					
48	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
49	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
50	Gudha	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
51	Parwati	Parbati/ Kalisindh/Upper Chambal	Raj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)					
52	MahiBajajsagar	Mahi/Upper Mahi/Mahi Basin	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					
53	Gambhiri	Gambhiri/Upper Chambal/Ganga	Raj	Chittorgarh					
54	Bisalpur	Banas/Upper Chambal/Ganga	Raj	Bhilwara/Tonk					
55	Panchana	Gambhiri/Upper Chambal/Ganga	Raj	Karauli					
56	Gandhisagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
57	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
58	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
59	Barna	Barna/Middle Narmada/Narmada	MP	Raisen/Hoshangabad,Narsinghpur					
60	Indira Sagar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
61	Upper Wainganga	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
62	Bargi	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
63	Bansagar	Sone/Sone/Ganga	MP	Katni, Umaria, Shahdol, Satna/ Rewa, Sidhi					
64	SardarSarovar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	Guj	Narmada( Guj), Nadurbar( MP)/Narmada, Vadodra, Bharuch (Guj)					
65	Kadana	Mahi/Middle Mahi/Mahi Basin	Guj	Banswara (Raj)/Mahisagar,Panchmahals(Guj)					
66	Dharoi	Sabarmati /Middle Sabarmati/Sabarmati Basin	Guj	Sabarkantha/Mehsana (Guj)					
67	Dantiwada	Banas/Banas A/West Flowing Rivers of Kutch and Saurashtra including Luni	Guj	Sirohi (Raj), Banaskanta(Guj)/Patan(Guj)					
68	Madhuban	Damanganga/Damanganga/West Flowing Rivers from Tapi to Tadri	Guj	Valsad (Guj)/Selvasa (UT of DNH)					
69	Tenughat	Damodar/LowerGanga/Ganga	Jharkhand	Ramgarh(Jhar)/BokaroJhar)					

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.