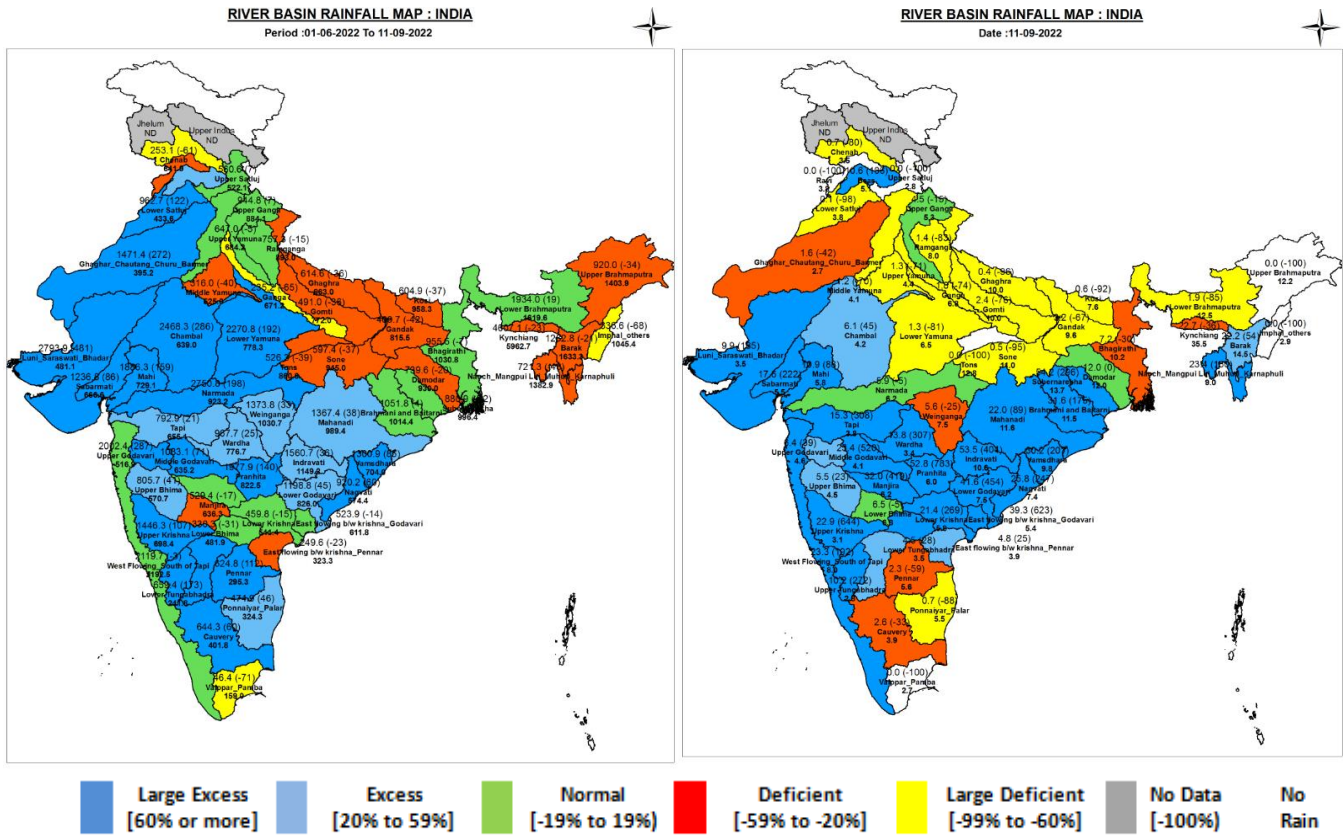




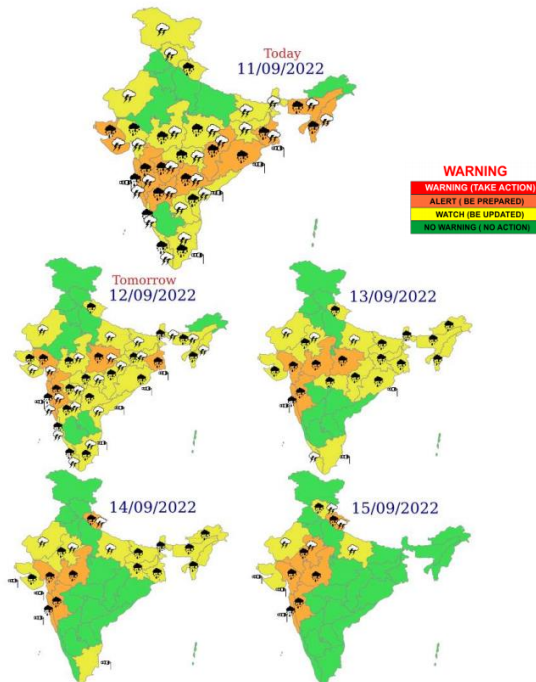
Central Water Commission
Daily Flood Situation Report cum Advisories
11-09-2022

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 11th September 2022 (Midday) by IMD



- Isolated **very heavy rainfall** over Konkan & Goa and Madhya Maharashtra during next 5 days; North Interior Karnataka, Telangana, Marathwada, Saurashtra & Kutch, Odisha, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 11th; Chhattisgarh and Gangetic West Bengal on 11th & 12th; Gujarat Region during 12th -15th; West Madhya Pradesh on 13th & 14th; East Madhya Pradesh on 12th & 13th; Uttarakhand on 14th & 15th and East Rajasthan on 15th September, 2022.

2.0 Flood Situation and Advisories

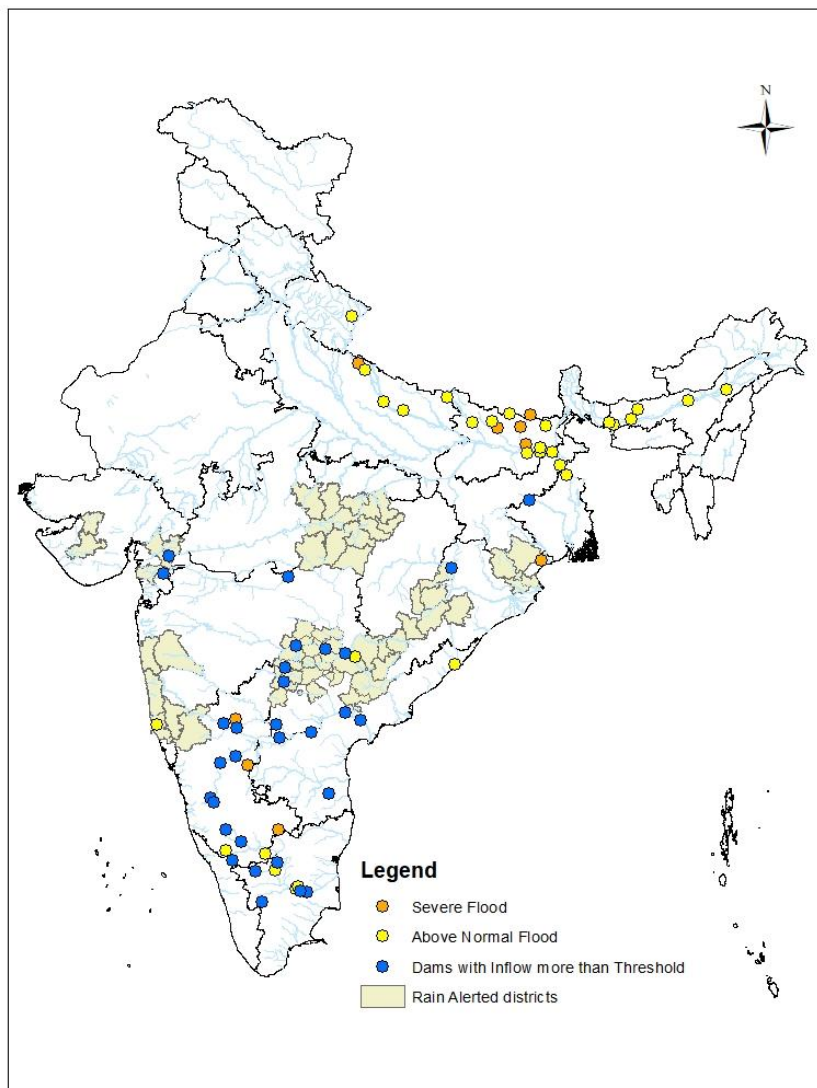
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 11th September 2022, 4 stations (3 in Bihar, 1 in Odisha) are flowing in Severe Flood Situation, 21 stations (7 in Bihar & Assam, 3 in Uttar Pradesh and 1 each in Jharkhand, Tamil Nadu, Andra Pradesh and West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 32 Barrages & Dams (9 in Karnataka, 7 in Telangana, 5 in Andra Pradesh & Tamilnadu, 2 in Gujarat, and 1 each in Jharkhand, Odisha, Uttar Pradesh & Maharashtra).

FLOOD SITUATION SUMMARY		
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))	4
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)		25
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)		32

Details are given at link: http://cwc.gov.in/sites/default/files/cfrcwcdfb11-09-2022_3.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Odisha

Alert for water level rise may be kept in rivers, Mahanadi (**Bargarh, Nuapada, Bolangir, Kalahandi, Kandhamal** dists.), Brahmani & Baitani (**Mayurbhanj, Bhadrak, Keonjhar, Jajpur** dists.), Burhabalanga (**Myurbhanj** dist.), Subarnarekha (**Mayurbhanj** dist.), Indravathi (**Nawranpur** dist.), Nagavalli (**Kalahandi** dist.), and their tributaries in above said districts.

District	CWC Site	River	Flood Situation	Water level Trend
Baleswar	Mathani Rd Bridge	Jalka (Subarnarekha basin)	Severe	Rising

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

Telangana

IMD has predicted increased rainfall in Godavari basin in rivers for next 2 days. Alert for water level rise may be kept in Godavari in **Sangareddy, Kamareddy, J. Bhupalpally, Komaram Bheem, Mulugu, Adilabad, Medak, Nirmal, Mancherial, Jagital, Hanamkonda, Peddapalle, Rajanna Sircilla, Warangal, Karimnagar, Nizamabad and B. Kothagudem** districts. Alert for water level rise may be kept in Krishna basin rivers in **Vikarabad, M, Malkanjiri, Hyderabad, Y.Bhuvanagiri, Warangal & Khammam** districts for next 2 days. All major/medium dams with high storages may be operated as per SOP and releases may be done after informing lower riparian areas.

Maharashtra

Keep alert for water level rise in rivers Bhima and upper Krishna in **Pune, Kolhapur and Satara** districts. Keep alert for rivers of Konkan region districts such as Vashisti, Terekhol, Tillari, Gad, Amba, Bav, Savitri, Kal, Bogeshwari and other small rivers in the said region in **Raigad, Ratnagiri and Sindhudurg** districts. Many of the dams in **Pune** district such as Bhama Askhed, Dimbhe, Chaskaman, Gunjawani, Nira Deoghar, Bhatghar, Panshet, Warasgaon, Pawana, Temghar, **Satara** district dams such as Dhom, Urmodi, Tareli, Dhom Balkawadi, Kanner and Koyna, **Kolhapur** districts dams such as Tulshi, Radhanagari HEP, Dhamne, Dudhaganga and Tillari dam of **Sindhudurg** district have more than 80% storage. Hence projects may be operated as per SOP and releases may be done after informing lower riparian areas.

Chattisgarh

IMD has predicted extremely heavy rainfall in the Godavari basin rivers in the state for today. Keep alert for water level rise in Indravathi and other rivers of Godavari basin in districts **Baster, Dantewada, Sukma and Bijapur**. All major/medium dams with high storages may be operated as per SOP and releases may be done after informing lower riparian areas.

Madhya Pradesh

Alert for water level rise may be kept in river Narmada in **Jabalpur, Narasinghapur, Dindori** dist., Wainganga in **Balaghat, Seoni, Chhindwara, Mandla** dists., river Ken and Betwa in **Sagar** dist., river Ken in **Damoh** dist., river Son in **Umariya, Annupur, Katni** districts.

Gujarat

Since IMD has predicted increased rainfall over south Gujarat and Saurashtra region hence keep alert for water level rise in Lower Tapi, Damanganga, Ambika, Auranga, Kaveri, Par and other small West flowing rivers in **Surat, Navsari and Valsad** districts. Keep alert for water level rise in Narmada, Dhadhar and Vishwamitri in **Vadodara, Chhota Udaipur, Narmada** districts, and river Aji, Machhu and other small rivers in **Rajkot and Morbi** districts.

Bihar

The details severe flood situation in the state as per CWC network is as given below:

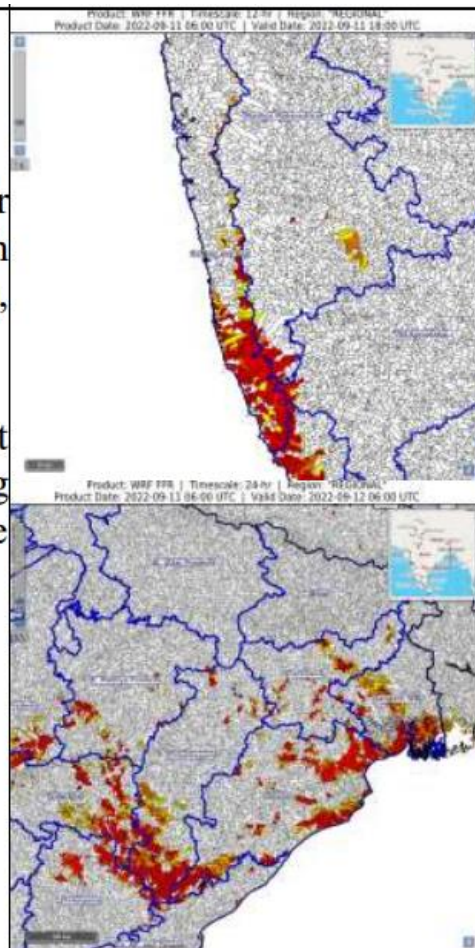
District	CWC Site	River	Flood Situation	Water level Trend
Supaul	Birpur	Kosi	Severe	Steady
Supaul	Basua	Kosi	Severe	Steady
Khagaria	Baltara	Kosi	Severe	Steady
Muzaffarpur	Benibad	Bagmati	Severe	Falling

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 12.09.2022:

Moderate Flash Flood Risk likely over Odisha, Gangetic West Bengal, South Chhattisgarh, Vidarbha, north Telangana, south 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	12-09-2022	13-09-2022	14-09-2022	15-09-2022	16-09-2022
1	BENIBAD	BAGMATI	Muzaffarpur	Bihar	S	S	S	S	S
2	BHANDARA	WAINGANGA	BHANDARA	Maharashtra	N	N	N	N	S
3	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	AN	S	S	AN	AN
4	BALTARA	KOSI	Khagaria	Bihar	S	S	S	S	S
5	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
6	JHANJHARPUR	KAMLA	Madhubani	Bihar	AN	AN	AN	S	S
7	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	AN	AN	AN	S	S
8	DHOLPUR	CHAMBAL	Dholpur	Rajasthan	N	N	N	S	S
9	KHOWANG	BURIDEHING	Dibrugarh	Assam	N	N	AN	S	AN
10	AKHUAPADA	BAITRANI	BHADRAK	Odisha	S	S	S	S	S
11	GUNUPUR	VAMSADHARA	Rayagada	Odisha	S	N	N	N	N
12	KASHINAGAR	VAMSADHARA	GAJAPATI	Odisha	S	N	N	N	N
13	MATHANIRB	JALKA	Baleshwar	Odisha	S	S	S	S	N
14	ARARIA	PARMAN	Araria	Bihar	AN	AN	AN	AN	S
15	BHADRACHALAM	GODAVARI	BHADRADRI	TELANGANA	N	AN	AN	N	N
16	KOPERGAON	GODAVARI	AHMEDNAGAR	MAHARASHTRA	N	N	N	N	AN
17	KUNAVARAM	GODAVARI	ALLURI SITHARAMA RAJU	ANDHRA PRADESH	N	AN	AN	N	N
18	DARAU LI	GHAGRA	Siwan	Bihar	AN	N	N	N	N
19	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	N	N	AN	AN	AN
20	EKMIGHAT	ADHWARA	Darbhanga	Bihar	N	N	N	N	AN
21	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN
22	HARIDWAR	GANGA	Haridwar	Uttarakhand	N	N	N	N	AN
23	HAYAGHAT	BAGMATI	Darbhanga	Bihar	N	N	N	N	AN
24	JHAWA	MAHANANDA	Katihar	Bihar	N	N	N	N	AN
25	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	N	N	AN	AN	AN
26	KAHALGAON	GANGA	Bhagalpur	Bihar	AN	AN	AN	AN	AN
27	KAMTAUL	ADHWARA	Darbhanga	Bihar	N	N	N	N	AN
28	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	N	AN	AN	AN
29	KURSELA	KOSI	Katihar	Bihar	AN	AN	AN	AN	AN
30	RISHIKESH	GANGA	Dehradun	Uttarakhand	N	N	N	N	AN

31	SAHIBGANJ	GANGA	Sahibganj	Jharkhand	AN	AN	AN	AN	AN
32	SRINAGAR	ALAKNANDA	PAURI GARHWAL	Uttarakhand	N	N	N	AN	AN
33	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
34	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	AN	AN	AN
35	JAINAGAR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
36	KAKARDHARI	RAPTI	BAHRAICH	Uttar Pradesh	N	N	N	N	AN
37	FARAKKA_BG	GANGA	Murshidabad	West Bengal	AN	AN	AN	AN	AN
38	BEKI_NH_CROSSING	BEKI	Barpeta	Assam	AN	AN	AN	AN	AN
39	DIBRUGARH	BHRAMPUTRA	Dibrugarh	Assam	N	N	N	AN	AN
40	GOALPARA	BHRAMPUTRA	Goalpara	Assam	AN	AN	N	N	N
41	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	AN	AN	AN	AN	AN
42	NANGLAMORAGHAT	DESANG	Sivasagar	Assam	N	N	N	AN	N
43	NEAMATIGHAT	BHRAMPUTRA	Jorhat	Assam	AN	AN	AN	AN	AN
44	NUMALIGARH	DHANSARI	Golaghat	Assam	N	AN	AN	AN	AN
45	SHIVSAGAR	DIKHOW	Shivsagar	Assam	N	N	AN	AN	AN
46	TEZPUR	BHRAMPUTRA	Sonitpur	Assam	AN	AN	AN	AN	AN
47	DHUBRI	BHRAMPUTRA	Dhubri	Assam	AN	AN	AN	AN	AN
48	MUSIRI	CAUVERY	Tiruchirappalli	Tamil Nadu	AN	AN	AN	N	N
49	NELLORE	PENNAR	Sri Potti Sriramulu Nellore	Andhra Pradesh	AN	AN	N	N	N
50	PURUSHOTTAMPUR	RUSHIKULYA	Ganjam	Odisha	AN	N	N	N	N
51	DEOGAON_BRIDGE	BHIMA	Gulbarga	Karnataka	N	AN	AN	N	N
52	GOLOKGANJ	SANKOSH	DHUBRI	Assam	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 11thSeptember 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.