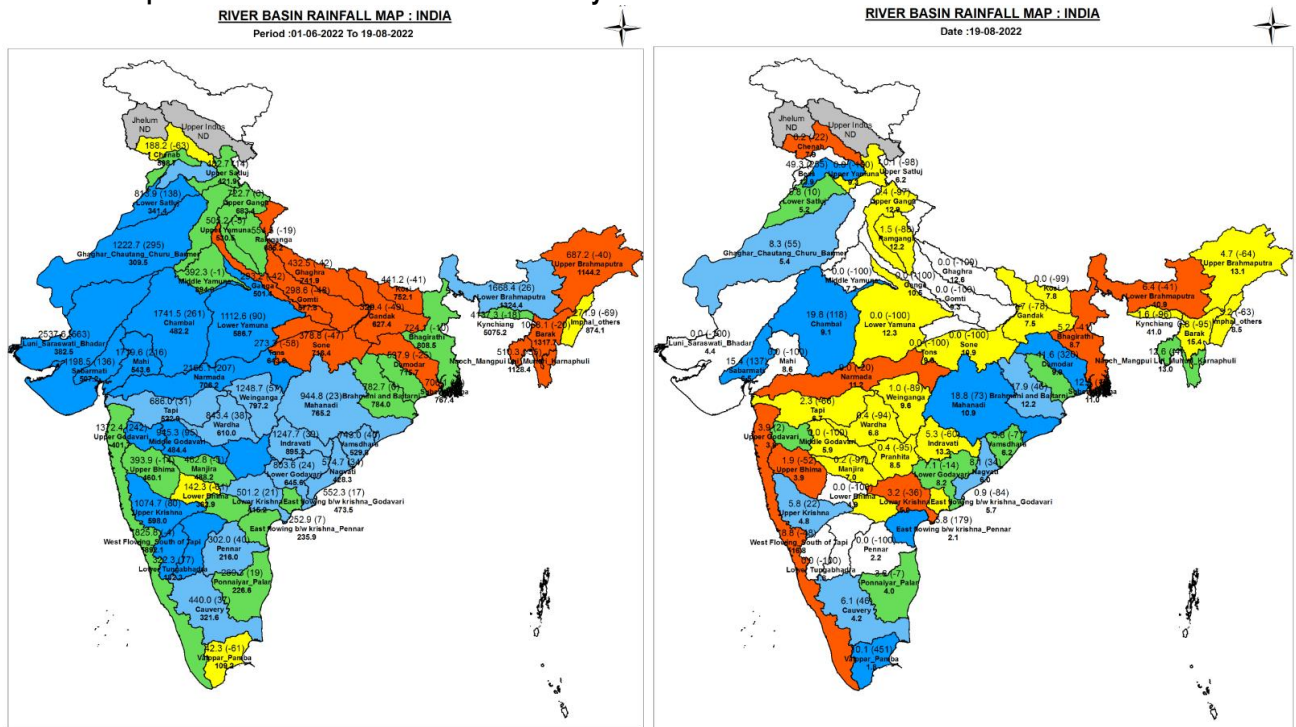




**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**19-08-2022**

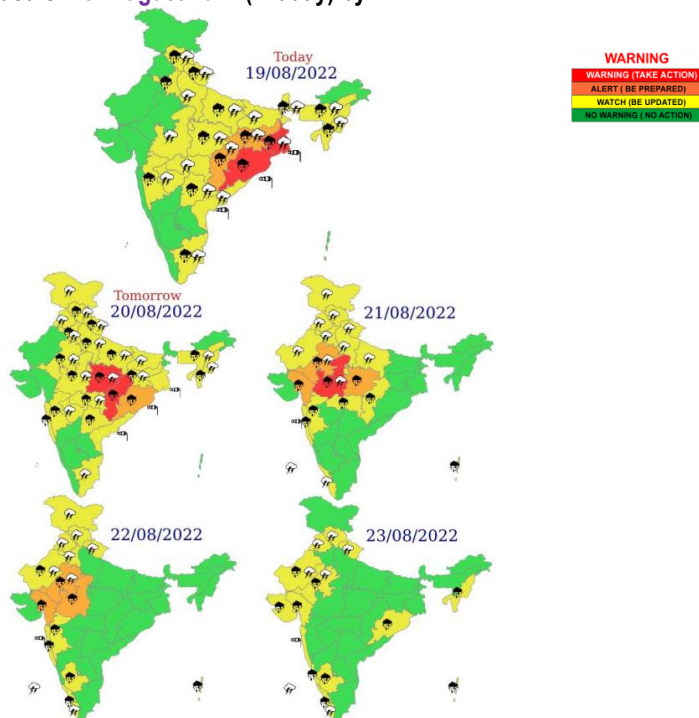
**1.0 Rainfall Situation**

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



Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)  
 b) Percentage departures of rainfall are shown in brackets.

**1.2 Rainfall forecast for next 5 days issued on 19<sup>th</sup> August 2022 (Midday) by IMD**



- Isolated very heavy rainfall over Chhattisgarh on 19th; Odisha on 20th; East Madhya Pradesh and East Rajasthan on 21st; Gujarat Region on 21st & 22nd and West Madhya Pradesh on 22nd August, 2022.
- Isolated extremely heavy rainfall over north Odisha, southwest Gangetic West Bengal and southeast Jharkhand on 19th; Chhattisgarh and East Madhya Pradesh on 20th; West Madhya Pradesh on 21st and East Rajasthan on 22nd August, 2022.

## 2.0 Flood Situation and Advisories

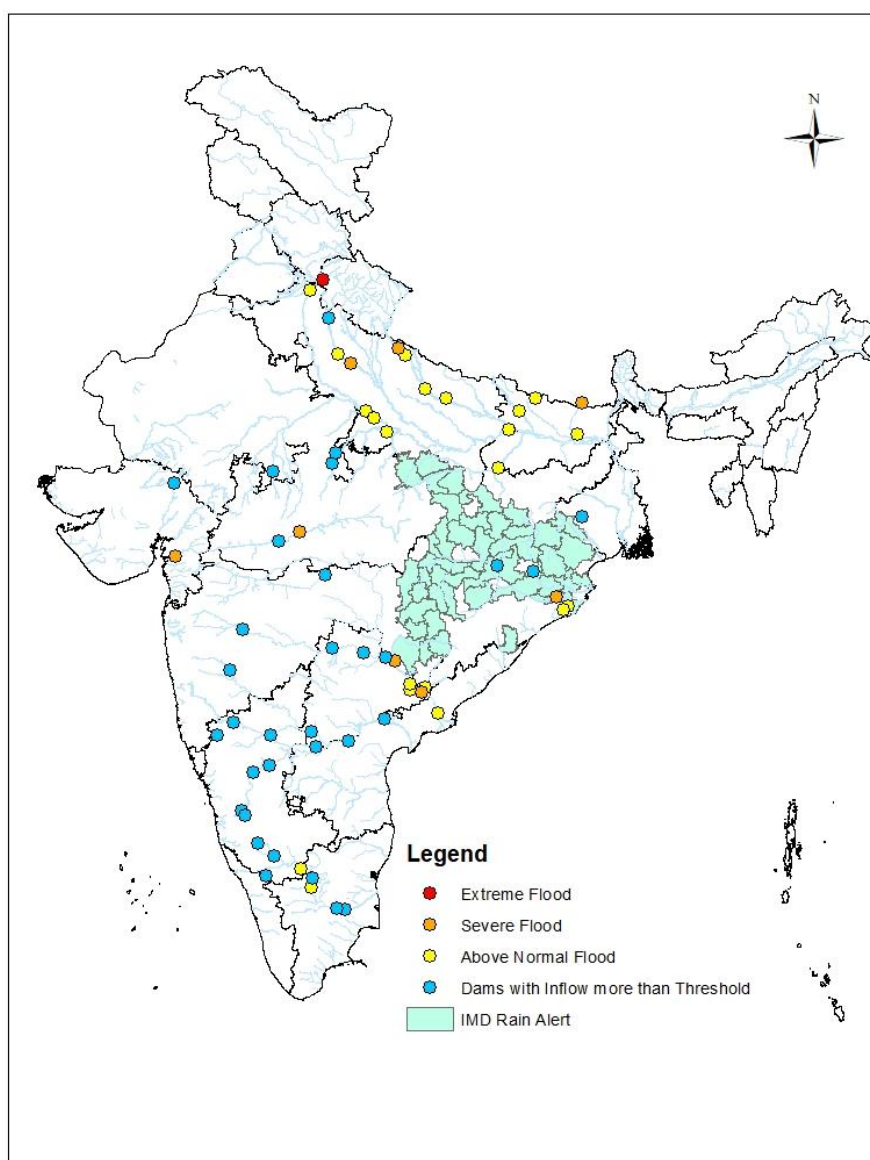
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 19<sup>th</sup> August 2022, 06 stations (1 each in Odisha, Andhra Pradesh, Bihar, Gujarat, Rajasthan & Uttar Pradesh) are flowing in Severe Flood Situation, 16 stations (8 in Uttar Pradesh, 3 in Bihar, 2 in Andhra Pradesh & Odisha and 1 in Telangana) are flowing in Above Normal Flood Situation). Inflow Forecast has been issued for 40 Barrage & Dams (11 in Karnataka, 5 in Andhra Pradesh, 4 in Maharashtra and Telangana, 3 in Tamilnadu & Gujarat, 2 each in Madhya Pradesh, Uttar Pradesh & Odisha and 1 each in Rajasthan, Jarkhand & West Bengal ).

FLOOD SITUATION SUMMARY		
PART - I: LEVEL FORECAST		
S.No.	Flood Situations	Numbers of Forecasting Sites
<b>A</b>	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	<b>0</b>
<b>B</b>	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	<b>6</b>
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	<b>16</b>
Total number of sites above Warning Level ( A+B+C)		<b>22</b>
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)		<b>40</b>

Details are given at link: [http://cwc.gov.in/sites/default/files/cfcrwcdfb19-08-2022\\_2.pdf](http://cwc.gov.in/sites/default/files/cfcrwcdfb19-08-2022_2.pdf)

#### 2.1.1 Flood Situation Map



### Odisha

IMD has predicted extreme to very heavy rains over Odisha for 2 to 3 days, since the region has already faced a heavy rainfall scenario in immediate past, more alert may be kept for the incoming rainfall scenario since the surface flow will be still more. Rainfall will be witnessed more in North rivers of Odisha such as Burhabalang, Subarnarekha, Brahmani, Baitarni & Mahanadi. Hence alert for water level rise may be kept in rivers, Mahanadi (**Jagatsinghapur, Cuttack, Bargarh, Sambalpur, Angul, Sonepur, Boudh, Bolangir, Jharsuguda, Sundargarh dists.**), Brahmani & Baitarni (**Balsore, Mayurbhanj, Bhadrak, Keonjhar, Sundargarh, Sambalpur, Deograh, Angul, Jajpur, Kendrapara, Dhenkanal dists.**), Burhabalanga (**Myurbhanj, Balosore dists.**), Subarnarekha (**Balosore, Mayurbhanj dist.**) and their tributaries in above said districts.

### Chhattisgarh

Due to advent of a fresh pressure system into the region, Mahanadi basin is expected to receive extremely heavy rains. Since the region has already faced a heavy rainfall scenario in immediate past, more alert may be kept for the incoming rainfall scenario since the surface flow will be still more. Hence alert for water level rise may be kept rivers Mahanadi and its tributaries in districts **Bilaspur, Rajgarh, Mungeli, Korba, Champa, Durg, Raipur, Mahasamund, Dhamtari, Rajnandgaon, Kanker, Kabirdham, Bolad, Boladbazaar, Bemetara, Gariaband and Janjgir** districts, river Brahmani in **Jashpur** dist., river Sone in **Korea, Sutajpur, Balrampur and Surguja** dists., river Godavari and its tributaries in **Bijapur, Dantewara, Baster, Narayanpur and Kondagaon** districts.

### Madhya Pradesh

Due to advent of a fresh pressure system into the region state is expected to receive another heavy rainfall spell. Since the region has already faced a heavy rainfall scenario in immediate past, more alert may be kept for the incoming rainfall scenario since the surface flow will be still more. More rainfall will be witnessed in rivers Betwa, Ken, Tons, Sone, upper & middle Narmada and Wainganga basin in first 2 days and then the rainfall will shift to west Madhya Pradesh. Alert for water level rise may be kept river Narmada in **Narasinghapur, Hoshangabad, Dindori, Jabalpur, Chinndwara, Seoni, Annupur and Mandla** dists., river Tons in **Satna, Rewa** dists., river Sone in **Shahdol, Annupur, Sidhi, Umaria, Katni and Singrauli** districts, river Sindh in **Morena, Bhind, Gwalior, Datia, Ashoknagar and Vidisha** dists., river Wainganga in **Balaghat, Seoni, Chhindwara, Mandla** dists., river Chambal in **Sheopur, Shivpuri, Guna** districts.

### Maharashtra

Due to advent of a fresh pressure system into the region, Wainganga basin is expected to receive very heavy rains. Since the region has already faced a heavy rainfall scenario in immediate past, more alert may be kept for the incoming rainfall scenario since the surface flow will be still more. Alert for water level rise may be kept river Wainganga and its tributaries in districts **Bhandara, Gadchiroli, Nagpur and Gondia** districts.

### Jharkhand

Due to advent of a pressure system southern districts of Jharkhand is expected to receive very heavy rains. Alert for water level rise may be kept in rivers Sankh, South Koel, Kharkar and Subarnarekha and its tributaries in districts **Simdega, Paschim Singhbhum, Purbi Singhbhum and Saraikela** districts.



## West Bengal

Due to advent of a pressure system southern districts of West Bengal is expected to receive very heavy rains. Alert for water level rise may be kept in river Damodhar, Kasai, Subarnarekha, Silai and its tributaries in districts **Purulia, Benkura, Jhargram, Paschim Medinipur, Purba Medinipur, South 24 Parganas.**

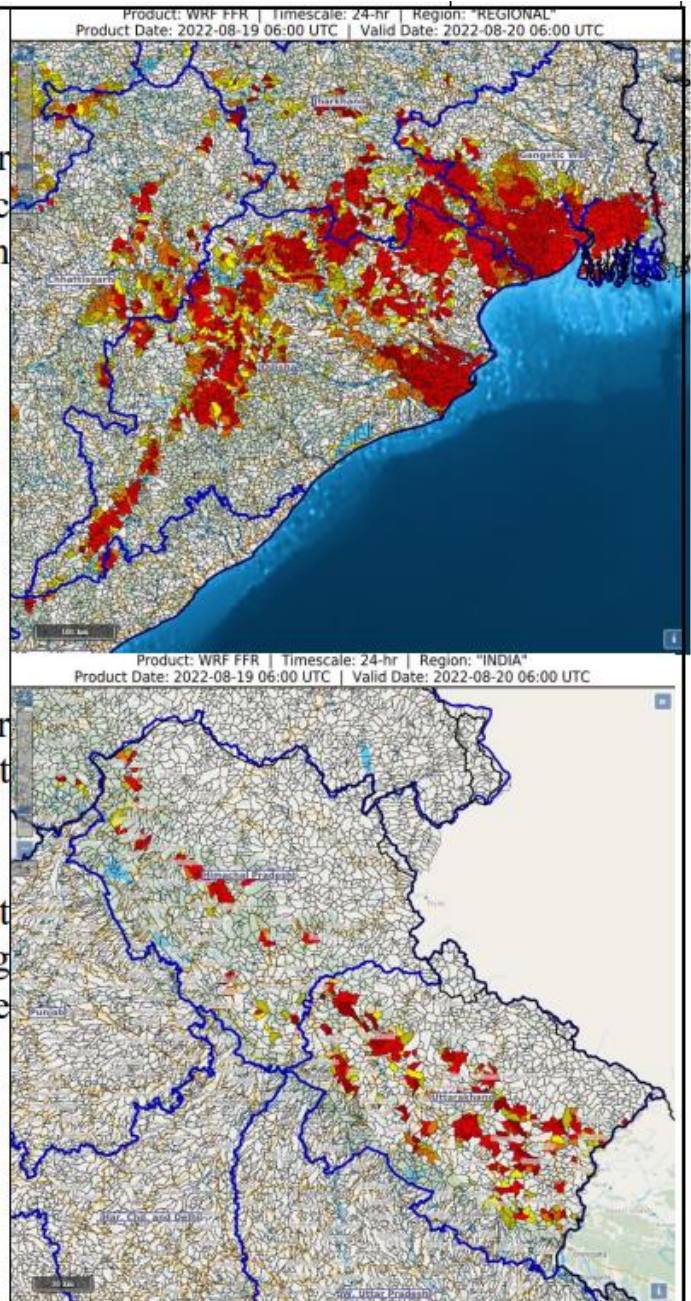
### 2.3. Flash Flood Guidance

#### **24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 20.08.2022:**

**Moderate to high** Flash Flood Risk over Northern Odisha and South Gangetic West Bengal Met Sub-divisions likely in next 24 hours.

**Moderate** Flash Flood Risk over Himachal Pradesh and Uttarakhand Met Sub-divisions likely 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	20-08-2022	21-08-2022	22-08-2022	23-08-2022	24-08-2022
1	MANDLA	NARMADA	Mandla	Madhya Pradesh	N	AN	E	S	N
2	NARAJ	MAHANADI	Cuttack	Odisha	S	S	S	S	S
3	KUNAVARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	S	S	S	S	S
4	AURAIYA	YAMUNA	Jalaun	Uttar Pradesh	AN	N	N	N	S
5	BALLIA	GANGA	Ballia	Uttar Pradesh	S	S	S	S	AN
6	BANDA	KEN	Banda	Uttar Pradesh	N	N	S	S	AN
7	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
8	HAMIRPUR	YAMUNA	Kanpur Nagar	Uttar Pradesh	N	N	N	N	S
9	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	AN	AN	AN
10	KALPI	YAMUNA	Jalaun	Uttar Pradesh	N	N	N	N	S
11	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	S	AN	AN	N	N
12	MANER	SONE	Bhojpur	Bihar	N	N	AN	S	AN
13	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	S	S	S	S	S
14	DHOLPUR	CHAMBAL	Dholpur	Rajasthan	S	S	S	S	S
15	AKHUAPADA	BAITRANI	Jajapur	Odisha	S	S	S	S	S
16	BHARUCH	NARMADA	Bharuch	Gujarat	S	AN	N	N	AN
17	ABU_ ROAD	BANAS	Sirohi	Rajasthan	N	N	N	AN	S
18	PURUSHOTTAMPUR	RUSHIKULYA	Ganjam	Odisha	S	S	N	N	N
19	GUNUPUR	VAMSADHARA	Rayagada	Odisha	AN	S	N	N	N
20	KASHINAGAR	VAMSADHARA	Srikakulam	Andhra Pradesh	S	S	AN	N	AN
21	SRIKAKULAM	NAGAVALLI	Srikakulam	Andhra Pradesh	S	S	S	AN	N
22	ALIPINGAL	DEVI	Jagatsinghapur	Odisha	AN	AN	AN	AN	AN
23	NIMAPARA	KUSHABHADRA	Puri	Odisha	AN	AN	AN	AN	AN
24	BHADRACHALAM	GODAVARI	BHADRADRI KOTHAGUDEM	TELANGANA	AN	AN	AN	AN	AN
25	ETURUNAGARAM	GODAVARI	MULUGU	TELANGANA	AN	N	AN	AN	AN
26	CHINTURU	SABARI	EAST GODAVARI	ANDHRA PRADESH	AN	N	N	AN	AN
27	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	AN	AN	AN	AN	AN
28	AYODHYA	GHAGRA	Faizabad	Uttar Pradesh	AN	AN	AN	AN	AN

29	BALTARA	KOSI	Khagaria	Bihar	AN	AN	AN	AN	AN
30	BENIBAD	BAGMATI	Muzaffarpur	Bihar	AN	AN	AN	AN	AN
31	DELHI_RLY_BRG	YAMUNA	North	NCT of Delhi	N	N	AN	AN	AN
32	DIGHAGHAT	GANGA	Patna	Bihar	N	N	N	AN	N
33	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	AN	AN	N	AN	AN
34	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	AN	AN	AN	AN
35	HATHIDAH	GANGA	Patna	Bihar	N	N	AN	AN	AN
36	KAHALGAON	GANGA	Bhagalpur	Bihar	N	N	N	N	AN
37	KHAGARIA	BURHI GANDAK	Khagaria	Bihar	N	N	N	N	AN
38	KURSELA	KOSI	Katihar	Bihar	N	N	N	AN	AN
39	PATNAGANDHIGHAT	GANGA	Patna	Bihar	AN	AN	AN	AN	AN
40	REWAGHAT	GANDAK	Saran (chhapra)	Bihar	N	N	AN	AN	AN
41	SHAHIJINA	BETWA	Hamirpur	Uttar Pradesh	N	N	N	AN	AN
42	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	AN	AN	AN	N	AN
43	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	N	AN	AN	N	N
44	BEKI_NH_CROSSING	BEKI	Barpeta	Assam	AN	AN	AN	AN	AN
45	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	N	N	AN	AN	AN
46	NUMALIGARH	DHANSARI	Golaghat	Assam	N	N	N	N	AN
47	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	N	N	N	N	AN
48	ANANDPUR	BAITRANI	Kendujhar	Odisha	N	AN	N	N	N
49	SUBASH_BRIDGE	SABARMATI	Ahmadabad	Gujarat	N	N	N	N	AN
50	ARARIA	PARMAN	Araria	Bihar	N	AN	AN	AN	AN

**Abbreviation:** N: Normal Flood Situation, AN: 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 19<sup>th</sup>August2022

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	Singur	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
9	Nizamsagar	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
10	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
11	Ukai	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
12	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yaadgir					
13	Harangi	Cauvery/Upper Cauvery/Cauvery	Kar	Kodagu/Mandya					
14	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
15	Karanja	Karanja/Manjira/Godavari	Kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)					
16	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
17	Kabini	Kabini/Kabini/Cauvery	Kar	Wayanad (Kar)/Mysuru(Kar)					
18	Bhadra	Bhadra/UpperTungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
19	KRS	Cauvery/Middle Cauvery/Cauvery	Kar	Mandya, Mysore					
20	Malaprabha	Malaprabha/Malaprabha/Krishna	Kar	Belgaum					
21	Hidkal	Ghataprabha/Ghataprabha/Krishna	Kar	Kolhapur (Mah)/ Belgaum (Kar)					
22	Almatti	Krishna/Upper Krishna/Krishna	Kar	Kolhapur(Maharashtra)/ Bagalkote(Karnataka)					
23	Idukki	Periyar/Upper Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Theni (Tamil Nadu), Ernakulam					
24	Edamalayar	Edamalayar/Middle Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Coimbatore (Tamil Nadu)					
25	Koyna	Koyna/Upper Krishna/Krishna	Mah	Satara/Kolhapur, Sangli					
26	Warana	Warna river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
27	Veer	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
28	Ujjani	Bhima/Upper Bhima/Krishna	Mah	Pune, Solapur					
29	Yeldari	Purna/Purna/Godavari	Mah	Hingoli, Parbhani/Nanded					
30	Upper Wardha	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
31	Issapur	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
32	Totladoh	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
33	Jaikwadi	Godavari/Upper Godavari/Godavari	Mah	Aurangabad, Ahmadnagar/Bid, Jalna					
34	Mula	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
35	Salandi	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
36	Hirakud Dam	Mahanadi/Lower Mahanadi/Mahanadi	Odisha	Bargarh/Sambalpur					
37	Ravi Shankar	Mahanadhi/Upper Mahanadi/Mahanadi	Chhatt	Kanker/Gariaband					
38	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri(TN), Coimbatore (TN)/ Erode (TN)					
39	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					

40	Vaigai	Vaigai/Upper Vaigai/East flowing rivers South of Cauvery Basin	TN	Theni/Madurai					
41	Sathanur Dam	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Dharmapuri, Tiruvannamalai/Villupuram, Cuddalore					
42	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
43	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
44	Gudha	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
45	Parwati	Parbati/ Kalisindh/Upper Chambal	Raj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)					
46	Mahi Bajajsagar Dam	Mahi/ Mahi Basin	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					
47	Gandhisagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
48	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
49	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
50	Barna	Barna/Middle Narmada/Narmada	MP	Raisen/Hoshangabad,Narsinghpur					
51	Indira Sagar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
52	Upper Wainganga	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
53	Sardar Sarovar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	Guj	Narmada( Guj), Nadurbar( MP)/Narmada, Vadodra, Bharuch (Guj)					
54	Kadana Dam	Mahi/Middle Mahi/Mahi Basin	Guj	Banswara (Raj)/Mahisagar,Panchmahals(Guj)					
55	Dharoi Dam	Sabarmati /Middle Sabarmati/Sabarmati Basin	Guj	Sabarkantha/Mehsana (Guj)					

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.