



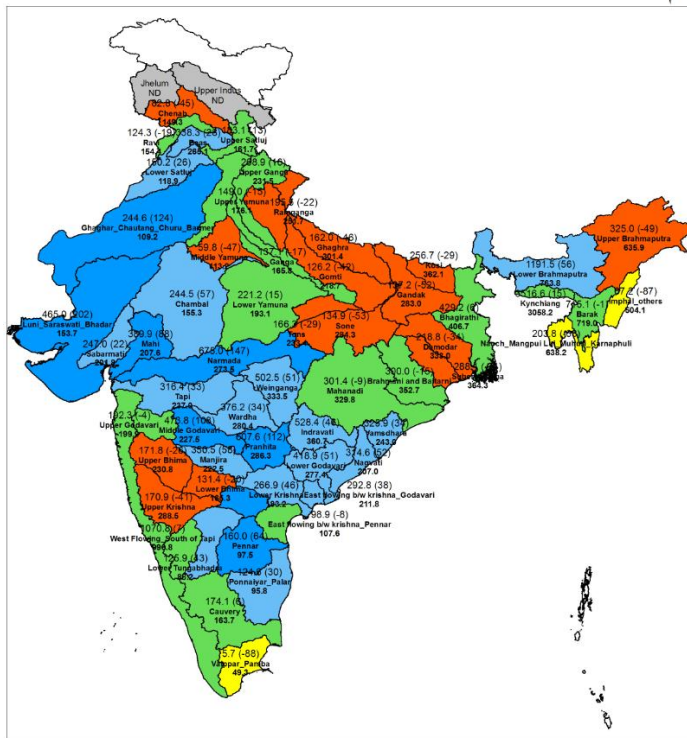
**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**13-07-2022**

**1.0 Rainfall Situation**

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

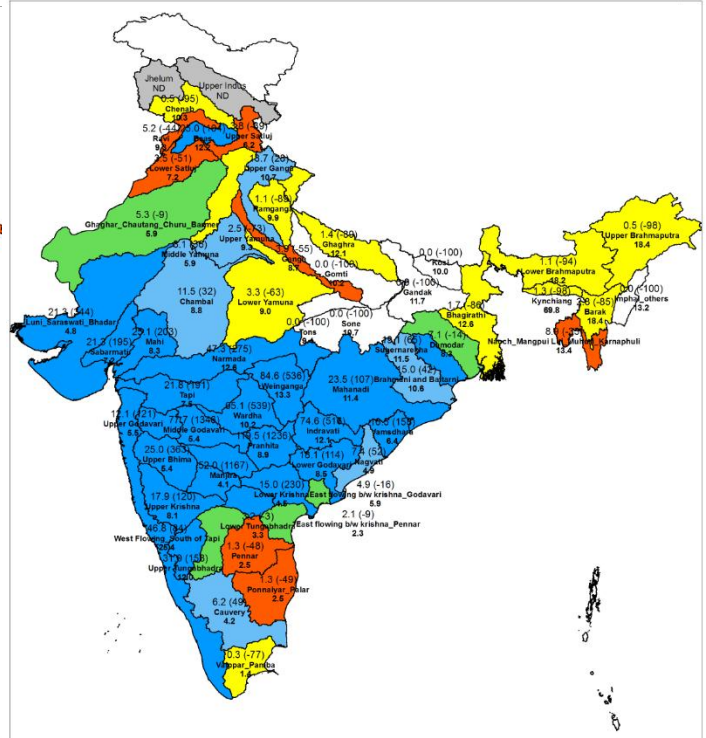
**RIVER BASIN RAINFALL MAP : INDIA**

Period :01-06-2022 To 13-07-2022



**RIVER BASIN RAINFALL MAP : INDIA**

Date :13-07-2022

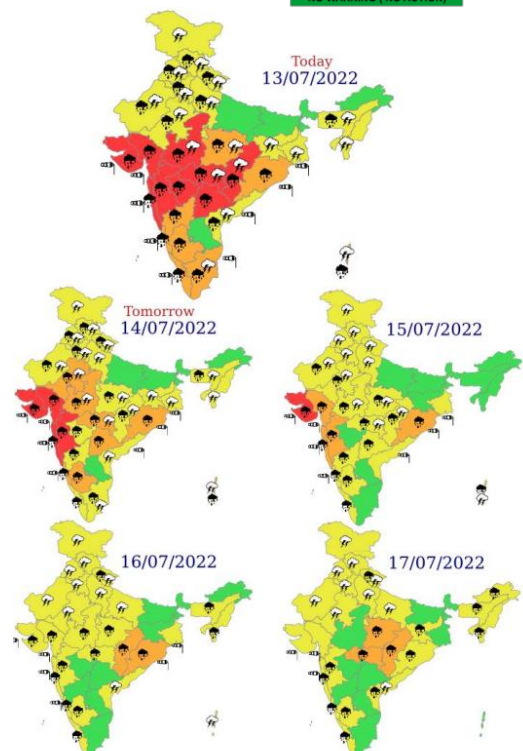


Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)  
 b) Percentage departures of rainfall are shown in brackets.

**1.2 Rainfall forecast for next 5 days issued on 13<sup>th</sup> July 2022 (Midday) by IMD**

- (i) Isolated extremely heavy rainfall over West Madhya Pradesh, Vidarbha, Marathwada, Telangana & Chhattisgarh on 13th; Gujarat region, ghat areas of Madhya Maharashtra and Konkan & Goa on 13th & 14th and over Saurashtra & Kutch during 13th - 15th July, 2022.
- (ii) Isolated very heavy rainfall over West Madhya Pradesh & Telangana on 14th; East Madhya Pradesh on 13th & 17th; Vidarbha on 14th & 17th; Chhattisgarh on 16th & 17th; Odisha during 13th -16th; Konkan & Goa, Madhya Maharashtra & Gujarat region on 15th; Saurashtra & Kutch on 16th; North Interior Karnataka, Tamilnadu and Kerala & Mahe on 13th; Coastal & South Interior Karnataka on 13th & 14th July, 2022.

**WARNING**  
**WARNING (TAKE ACTION)**  
**ALERT (BE PREPARED)**  
**WATCH (BE UPDATED)**  
**NO WARNING (NO ACTION)**



## 2.0 Flood Situation and Advisories

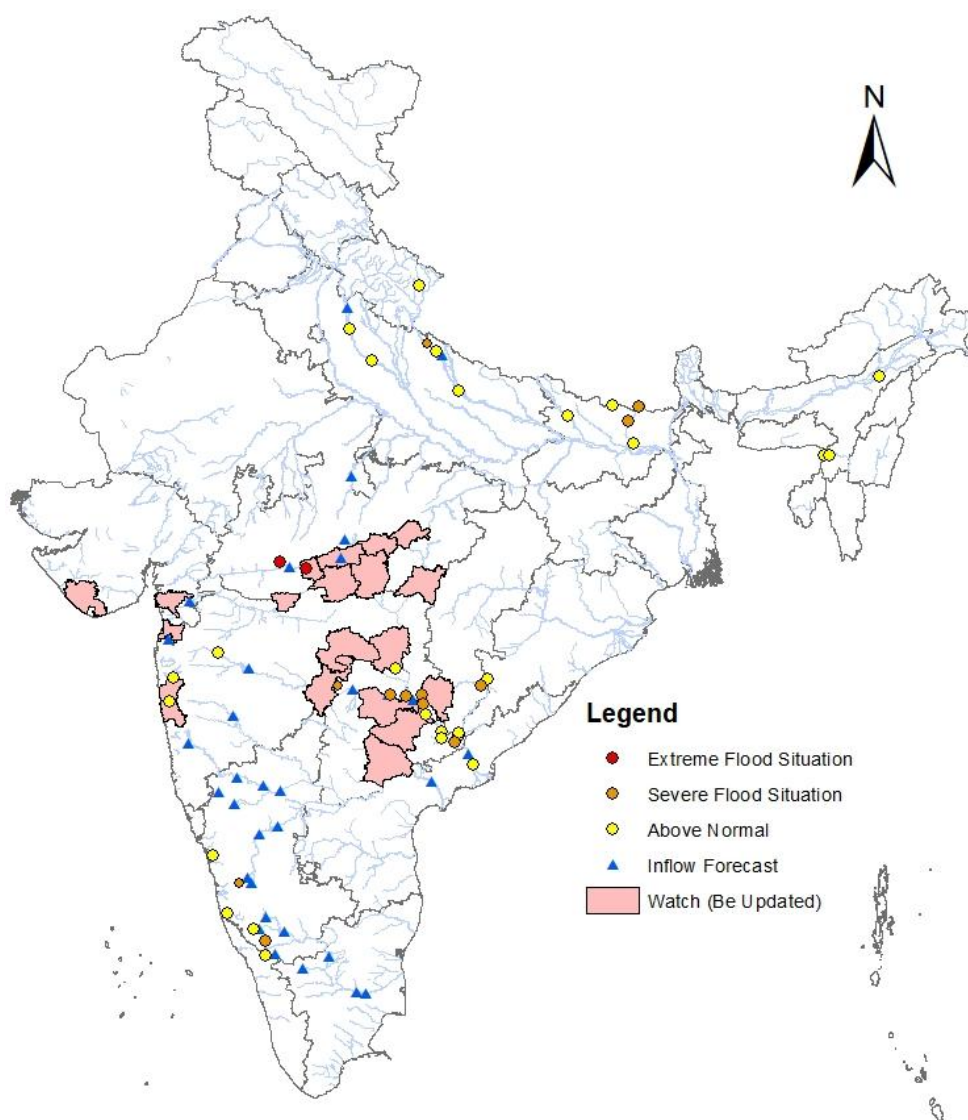
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 13<sup>th</sup> July 2022, 4 stations (1 each in Andhra Pradesh, Bihar, Chhattisgarh & Telangana) are flowing in Severe Flood Situation, and 18 stations (5 in Maharashtra, 3 each in Assam, Bihar, Telangana & 2 each in Andhra Pradesh & Uttar Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 31 Barrages & Dams (12 in Karnataka, 4 each in Maharashtra, Tamil Nadu & Telangana, 3 in Madhya Pradesh, 2 in Gujarat & 1 each in Uttar Pradesh, Andhra Pradesh & Gujarat).

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)	18
Total number of sites above Warning Level (A+B+C)		22
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)		31

Details are given at link: [http://www.cwc.gov.in/sites/default/files/cfrcwcdfb13-07-2022\\_5.pdf](http://www.cwc.gov.in/sites/default/files/cfrcwcdfb13-07-2022_5.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

### Maharashtra

IMD has predicted heavy to extremely heavy rainfall over districts of Madhya Maharashtra such as **Palghar, Nashik, Thane, Pune, Raigad, Ratnagiri, Satara, Kolhapur, Sindhudurg**, hence, alert may be kept for the rise in water levels of river of Konkan region such as Damanganga, Savitri, Amba, Bav, Vashitsti, Ulhas, and other small rivers of the regions. Also alert may be kept for water level rise in Dudhganga, Koyna, Panchganga, main Krishna river and its other tributaries in the above said region. Due to continuous rainfall scenario surface flow has increased over the region hence more alert has to be kept in above said districts. **Tillari dam (Sindhudurg Dist.)** is 78% filled, **Veer dam (Satara dist.)** is >60% filled hence, it is requested to regulate the dam as per SOP and any release of water may be done after informing lower riparian areas.

### Gujarat

IMD has predicted Extremely heavy rains in **Bharuch, Tapi, Danga, Surat, Navsari and Valsad districts**, hence alert may be kept for rise in water levels in Lower Tapi basin & Narmada basin, and rivers Damanganaga, Ambika, Purna, Mindhola, Kaveri, Kharera, Auranga and their tributaries for next 2 days. Also alert may be kept for rise in water levels in Ozat, Madhuwati, Minsar, Sani, Saraswati and other small rivers of **Junagadh and Gir-Somnath** districts.

### Karnataka

Alert may be kept for the rise in water levels for west flowing rivers such Kalinadi, Sharavati, Kumaradhara, Netravathi, Bedthi, Aghanashini, and other small rivers of south Konkan in coastal districts of Karnataka. Main tributaries of Krishna river such as Bhima, Ghataprabha, Malaprabha, Tungabhadra are also expected to get increased runoff. Hence, alert may be kept for water level rise in above said rivers in districts **Gulbarga, Belgaum, Chikmangalur, Kodagu, Shimoga, Uttar Kannada, Udupi & Dakshin Kannada**. Due to continuous rainfall scenario surface flow has increased over the region, hence, more alert has to be kept in above said districts. **Harangi (79% filled), Hemavathi (84%), KRS (86%), Kabini (85%), Almatti, Ghataprabha, Supa, Bhadra (69%), Tungu (64%), Narayanapura (84%) and Linganamakki dams are expected to receive increased inflow**, hence, it is requested to regulate the dam as per SOP and any release of water may be done after informing lower riparian areas.

### Telangana

IMD has predicted very heavy rains to extremely heavy rains in **Kothagudem, Mahabubabad, Warangal. Jangoan, Hanamkonda, Karimnagar, Rajanna Sircilla, Peddapalle, Mncherial, J.Bhupapally, Mulugu, Kumaram Bheem and Nirmal** of Telangana hence, alert may be kept for water level rise in **Godavari** main river, Pranhita, Maner, Sabari and other tributaries of the river Godavari in the state. Krishna basin is also expected to receive increased runoff, hence, alert may be kept for water level rise in main Krishna river and its tributaries in the state. **Due to extremely heavy rainfall continuing in the state, lower Godavari basin is expected to have flood like situation.** Lakshmi Barrage (100% filled), PVN Roa Kanthampally project (100%), Sriramsagar (76.5%), since the catchments of the dam is again going to receive very heavy to extremely heavy rainfall, it is requested to regulate the dam as per SOP and any release of water may be done after informing lower riparian areas.

### Chhattisgarh

IMD has predicted very heavy rainfall over **Sukma, Bijapur** districts mainly. Hence, alert may be kept for water level rise in Godavari basin and their tributaries in said region.

### Andhra Pradesh

As there is huge flood like situation in Godavari basin in Telangana and Chattisgarh it is expected that the flood will travel downstream and inundation is possible in East Godavari district in next 24 to 48 hrs.



## Kerala

IMD has predicted increased rainfall over northern regions of Kerala mainly in districts such **Kasaragod, Kannur, Kozhikode and Wyanad**. Hence keep alert in river basins such as Uppala, Shiriya, Chandragiri, Kuppam, Valappattanam, Anjarakandi, Kabini, and other small basins in the said region. Increased inflow is expected into Iduuki and Edamalayar dams.

## Madhya Pradesh

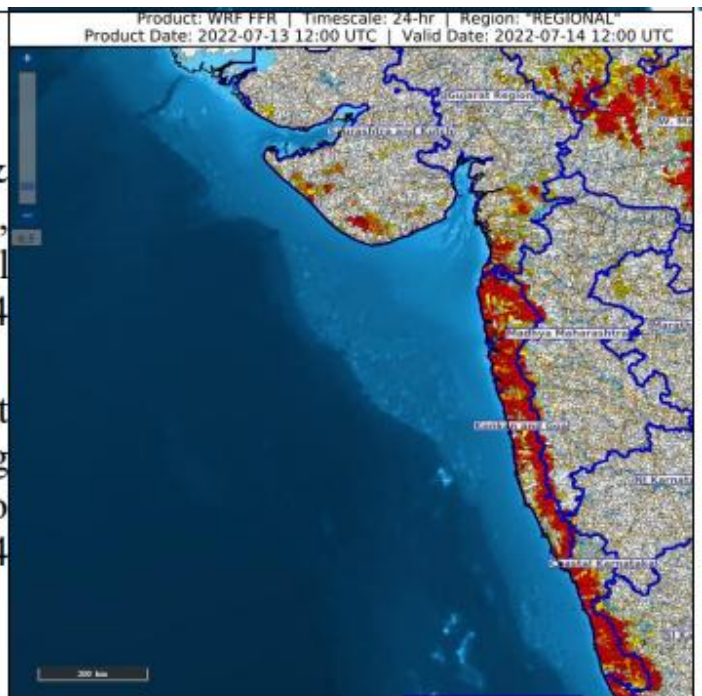
IMD has predicted very heavy rains to **extremely heavy rains** over most of the **southern and central districts of Madhya Pradesh**, hence, alert may be kept for water level rise in rivers such as Wainganga, Narmada, Tapi, upper Mahi, Upper Betwa and their tributaries.

### 2.3. Flash Flood Guidance

#### **24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 14.07.2022:**

**Moderate Risk** over few Watersheds & neighborhoods of Saurashtra & Kutch, Gujarat, Konkan & Goa and Coastal Karnataka Met subdivisions in next 24 hours.

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



### 3.0 FLOOD SITUATION SUMMARY (5-day Advisories)

S.No.	Station	River	District	State	14-07-2022	15-07-2022	16-07-2022	17-07-2022	18-07-2022
1	RAJAHMUNDRY	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	E	E	AN	N	N
2	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	E	E	S	AN	AN
3	BHADRACHALAM	GODAVARI	BHADRADRI KOTHAGUEDEM	TELANGANA	S	S	S	AN	N
4	DUMMUGUEDEM	GODAVARI	BHADRADRI KOTHAGUEDEM	TELANGANA	S	S	AN	N	N
5	KALESWARAM	GODAVARI	BHUPALPALLY	TELANGANA	S	S	N	N	N
6	KOPERGAON	GODAVARI	AHMEDNAGAR	MAHARASHTRA	S	S	S	AN	AN
7	KUNAVARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	S	S	S	S	AN
8	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
9	NUMALIGARH	DHANSARI	Golaghat	Assam	AN	AN	AN	AN	S
10	AKHUAPADA	BAITRANI	Jajapur	Odisha	N	N	S	S	N
11	MANDLA	NARMADA	Bharuch	Gujarat	N	N	N	S	S
12	GUNUPUR	VAMSADHARA	Rayagada	Odisha	N	N	S	N	N
13	KASHINAGAR	VAMSADHARA	Srikakulam	Andhra Pradesh	AN	AN	S	S	AN
14	NASIK	GODAVARI	Nashik	Maharashtra	S	S	N	N	N
15	BAMNI (BALHARSHA)	WARDHA	CHANDRAPUR	MAHARASHTRA	AN	AN	AN	N	N
16	ETURUNAGARAM	GODAVARI	MULUGU	TELANGANA	AN	AN	N	N	N
17	CHINTURU	SABARI	EAST GODAVARI	ANDHRA PRADESH	AN	AN	N	N	N
18	BALTARA	KOSI	Khagaria	Bihar	AN	AN	N	N	N
19	BENIBAD	BAGMATI	Muzaffarpur	Bihar	N	N	N	N	AN
20	DELHI_RLY_BRG	YAMUNA	North	NCT of Delhi	N	N	AN	AN	AN
21	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	AN	N	N	N	AN
22	HARIDWAR	GANGA	Hardwar	Uttarakhand	AN	AN	AN	AN	AN
23	JHANJHARPUR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
24	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	AN	AN	AN	AN	AN
25	SRINAGAR	ALAKNANDA	Garhwal	Uttarakhand	N	AN	AN	N	N
26	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
27	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	N	N	AN
28	JAINAGAR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
29	BEKI NH CROSSING	BEKI	Barpeta	Assam	AN	AN	N	N	N
30	DHARAMTUL	KOPLI	Marigaon	Assam	N	N	N	N	AN
31	NEAMATIGHAT	BHRAMPUTRA	Jorhat	Assam	AN	N	N	N	N

32	SHIVSAGAR	DIKHOW	Shivsagar	Assam	N	N	N	N	AN
33	MATIZURI	KATAKHAL	Hailakandi	Assam	AN	AN	N	N	N
34	BADARPGHAT	BARAK	Karimganj	Assam	AN	AN	N	N	N
35	KARIMGANJ	BARAK	Karimganj	Assam	AN	AN	N	N	N
36	ANANDPUR	BAITRANI	Kendujhar	Odisha	N	N	AN	AN	N
37	VAPI	DAMANGANG A	Valsad	Gujarat	N	AN	N	N	N
38	DAMAN	DAMANGANG A	Daman	Daman & Diu	N	AN	N	N	N

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

**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 13<sup>th</sup> July 2022

QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
---------------------	---	--------	-------	-------	-------	-------	--------	------

Storage above 85%	
Storage above 60%	

#	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	Somasila Dam	Pennar/Lower Pennar/Pennar	AP	Kadapa(AP)/Nellore(AP)					
3	Musi	Musi/Lower Krishna/ Krishna	Tel	Nalgonda					
4	Sriramasagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherial(Telangana)					
5	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
6	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yaadgir					
7	Harangi	Cauvery/Upper Cauvery/Cauvery	Kar	Kodagu/Mandya					
8	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
9	Karanja	Karanja/Manjira/Godavari	Kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)					
10	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
11	Mettur Dam	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
12	Kabini Dam	Kabini/Kabini/Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
13	Bhadra Dam	Bhadra/UpperTungabhadra/Krishna	Kar	Chikmagalur/Shimoga					
14	Kaddam Dam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad,Nirmal/Mancherial					
15	KRS	Cauvery/Middle Cauvery/Cauvery	Kar	Mandya, Mysore					
16	Almatti Dam	Krishna/Upper Krishna/Krishna	Kar	Kolhapur(Maharashtra)/ Bagalkote(Karnataka)					
17	Veer	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
18	Salandi Dam	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
19	Bhavanisagar Dam	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri(TN), Coimbatore (TN)/Erode (TN)					

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.