



Central Water Commission
Daily Flood Situation Report cum Advisories
14-07-2022

1.0 Rainfall Situation

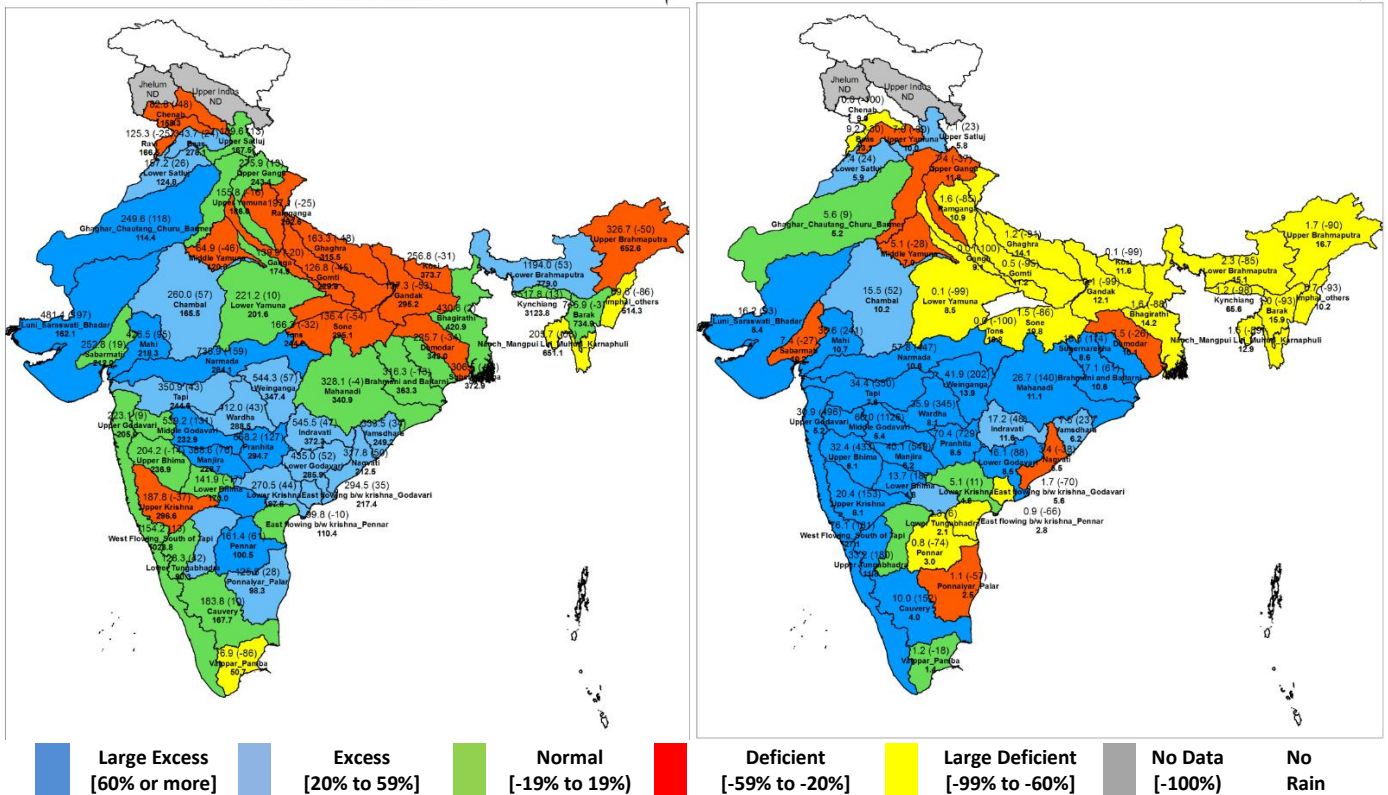
1.1 Basin wise departure from normal of cumulative and daily rainfall

RIVER BASIN RAINFALL MAP : INDIA

Period : 01-06-2022 To 14-07-2022

RIVER BASIN RAINFALL MAP : INDIA

Date : 14-07-2022

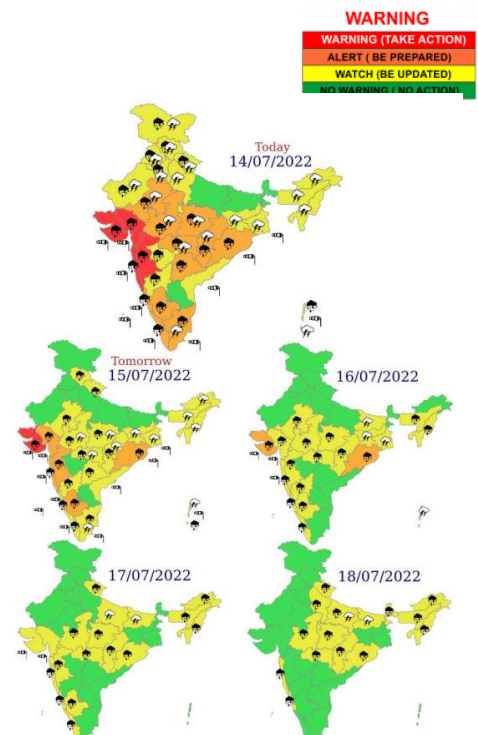


Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)
b) Percentage departures of rainfall are shown in brackets.

Rainfall forecast for next 5 days issued on 14th July 2022 (Midday) by IMD

(i) Isolated extremely heavy rainfall over Saurashtra & Kutch on 14th & 15th and over Gujarat region, ghat areas of Madhya Maharashtra and Konkan & Goa on 14th July, 2022.

(ii) Isolated very heavy rainfall over Madhya Pradesh, Vidarbha, Chhattisgarh, Telangana & Tamil Nadu, Coastal Karnataka & Kerala & Mahe on 14th; South Interior Karnataka on 14th & 15th; Odisha during 14th - 16th; Konkan & Goa, Madhya Maharashtra & Gujarat region on 15th; Saurashtra & Kutch on 16th July, 2022.



2.0 Flood Situation and Advisories

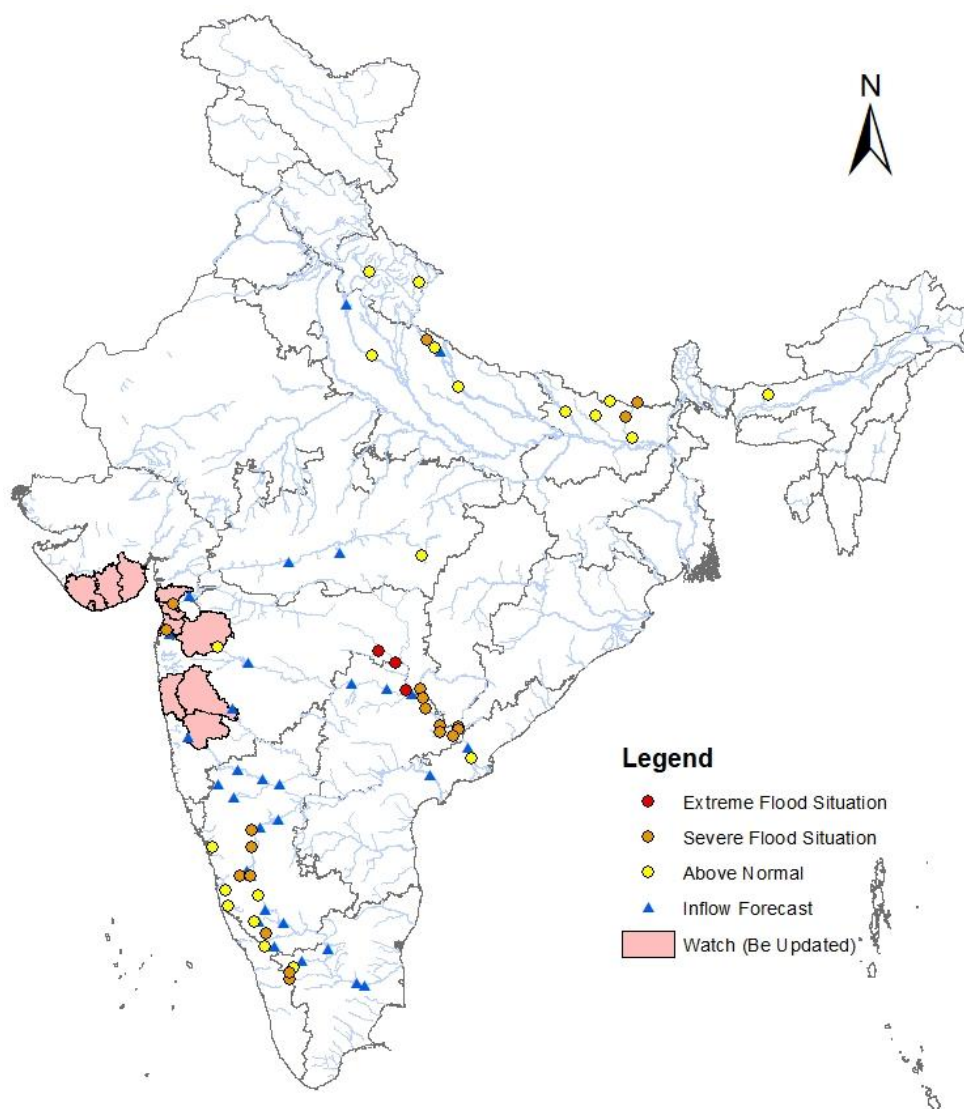
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 14th July 2022, 2 stations (1 each in Maharashtra & Telangana) are flowing in Extreme Flood Situation, 6 stations (3 in Telangana, 2 in Andhra Pradesh & 1 in Bihar) are flowing in Severe Flood Situation, 11 stations (4 in Bihar, 2 each in Maharashtra & Uttar Pradesh and 1 each in Andhra Pradesh, Assam & Uttarakhand) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 36 Barrages & Dams (13 in Karnataka, 5 each in Maharashtra & Telangana, 4 in Tamil Nadu, 3 each in Gujarat & Andhra Pradesh, 2 in Madhya Pradesh and 1 in Uttar Pradesh).

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)	2
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	6
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	11
Total number of sites above Warning Level (A+B+C)		19
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)		36

Details are given at link: http://www.cwc.gov.in/sites/default/files/cfcrcwcdfb14.07.2022.3-pdf_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, Wagh, 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. River Penganga is flowing in extreme flood situation in Yavatmal district with falling trend and river Wardha is flowing in extreme flood situation in Chandrapur district with rising trend.

Dams > 70% Storage

Project	District	Project	District
Upper wardha	Amravati	Kalisarer	Gondiya
Lower Maner	Nanded	Kamthi Khairy	Nagpur
Tillari	Sindhudurg	Waghad, Bhavali, Ozarkhed, Karanjwam	Nashik
Asolamendha	Chandrapur	Yedgaon, Khadakwasla	Pune
Dina	Gadchiroli	Veer	Satara

As IMD declared yellow, orange and red alert as shown in font color of districts it is requested to regulate the project 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, Dangs, 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 Shetrunji, Bhader, Ozat, Madhuwati, Minsar, Sani, Saraswati and other small rivers of **Porbander, Amreli, Bhavnagar, Junagadh and Gir-Somnath** districts. Due to releases from Madhuban dam river Daman Ganga at CWC Silvassa site of **Dadra and Nagar Haveli** is flowing in severe flood situation.

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 **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%), Tunga (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 in **Adilabad, Jagital, Karimnagar, Komaram Bheem, Macherial, Nirmal, Nizamabad and Rajanna Sircillal** of Telangana hence, alert may be kept for water level rise in **Godavari** main river, Pranhita, Maner, Maher, 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. Lakshmi Barrage (100% filled), PVN Roa Kanthampally project (100%), Sriramsagar (77.9%), Sripada Yellampally (70.8%), it is requested to regulate the dam as per SOP and any release of water may be done after informing lower riparian areas. Flood situation as per CWC network are included in below given table.

River	District	Flood Situation
Godavari	Bhupalpally	Extreme
Godavari	Mulugu Bhadradi	Severe

Andra 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.

Chhattisgarh

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

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, Bhavani and other small basins in the said region. Increased inflow is expected into Iduuki and Edamalayar dams.

Madhya Pradesh

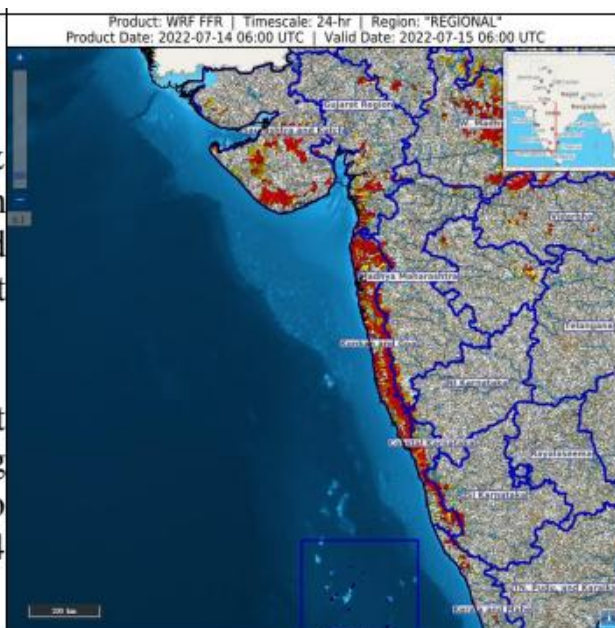
IMD has predicted very heavy rains to **very heavy rains** over most of the **western and central and southern districts of Madhya Pradesh**, hence, alert may be kept for water level rise in rivers such as Wainganga, Narmada, Tapi, upper Mahi, Upper Betwa and their tributaries.

2.3. Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 15.07.2022:

Moderate Risk over few Watersheds & neighborhoods of Saurashtra, south Gujarat Region, Konkan & Goa and adjoining Madhya Maharashtra 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

S.No.	Station	River	District	State	15-07-2022	16-07-2022	17-07-2022	18-07-2022	19-07-2022
1	MANDLA	NARMADA	Bharuch	Gujarat	N	N	N	AN	E
2	BHADRACHALAM	GODAVARI	BHADRADRI KOTHAGUDEM	TELANGANA	S	S	AN	N	N
3	DUMMUGUDEM	GODAVARI	BHADRADRI KOTHAGUDEM	TELANGANA	S	S	AN	N	N
4	ETURUNAGARAM	GODAVARI	MULUGU	TELANGANA	S	AN	N	N	N
5	KALESWARAM	GODAVARI	BHUPALPALLY	TELANGANA	S	S	AN	N	N
6	KUNAVARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	S	S	S	N	N
7	PAUNI	WAINGANGA	BHANDARA	MAHARASHTRA	S	S	S	S	S
8	CHINTURU	SABARI	EAST GODAVARI	ANDHRA PRADESH	S	AN	N	N	N
9	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	S	S	AN	N	N
10	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
11	NUMALIGARH	DHANSARI	Golaghat	Assam	N	N	N	AN	S
12	AKHUAPADA	BAITRANI	Jajapur	Odisha	N	AN	S	S	S
13	KASHINAGAR	VAMSADHARA	Srikakulam	Andhra Pradesh	AN	S	S	S	AN
14	BAMNI (BALHARSHA)	WARDHA	CHANDRAPUR	MAHARASHTRA	AN	AN	AN	N	N
15	JAGDALPUR	INDRAVATHI	BASTAR	CHHATTISGARH	AN	N	AN	AN	AN
16	KOPERGAON	GODAVARI	AHMEDNAGAR	MAHARASHTRA	AN	AN	N	N	N
17	RAJAHMUNDY	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	AN	AN	N	N	N
18	BALTARA	KOSI	Khagaria	Bihar	AN	N	N	N	N
19	BENIBAD	BAGMATI	Muzaffarpur	Bihar	N	N	N	AN	AN
20	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	N	N	N	N	AN
21	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	AN	N	N	N	N
22	HARIDWAR	GANGA	Hardwar	Uttarakhand	AN	AN	N	N	N
23	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	AN	AN	AN	AN	AN
24	SRINAGAR	ALAKNANDA	Garhwal	Uttarakhand	AN	N	N	N	N
25	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
26	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	N	AN	AN
27	JAINAGAR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
28	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	N	N	N	AN	AN
29	KAKARDHARI	RAPTI	Shrawasti	Uttar Pradesh	N	N	N	N	AN
30	BEKI NH CROSSING	BEKI	Barpeta	Assam	N	N	N	N	AN
31	KHOWANG	BURIDEHING	Dibrugarh	Assam	N	N	N	N	AN
32	DHARAMTUL	KOPLI	Marigaon	Assam	N	N	N	N	AN
33	SHIVSAGAR	DIKHOW	Shivsagar	Assam	N	N	N	N	AN

34	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	N	N	N	AN	AN
35	ANANDPUR	BAITRANI	Kendujhar	Odisha	N	N	AN	AN	N
36	ARARIA	PARMAN	Araria	Bihar	N	N	N	N	AN
37	NASIK	GODAVARI	Nashik	Maharashtra	AN	N	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 14th July 2022

QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
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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	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	Singur	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
7	Ukai	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
8	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yaadgir					
9	Harangi	Cauvery/Upper Cauvery/Cauvery	Kar	Kodagu/Mandya					
10	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
11	Karanja	Karanja/Manjira/Godavari	Kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)					
12	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
13	Kabini	Kabini/Kabini/Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
14	Bhadra	Bhadra/UpperTungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
15	KRS	Cauvery/Middle Cauvery/Cauvery	Kar	Mandya, Mysore					
16	Almatti	Krishna/Upper Krishna/Krishna	Kar	Kolhapur(Maharashtra)/ Bagalkote(Karnataka)					
17	Veer	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
18	Yeldari	Purna/Purna/Godavari	Mah	Hingoli, Parbhani/Nanded					
19	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
20	Issapur	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
21	Salandi	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
22	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri(TN), Coimbatore (TN)/ Erode (TN)					
23	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
24	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
25	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
26	Gudha	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					

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.