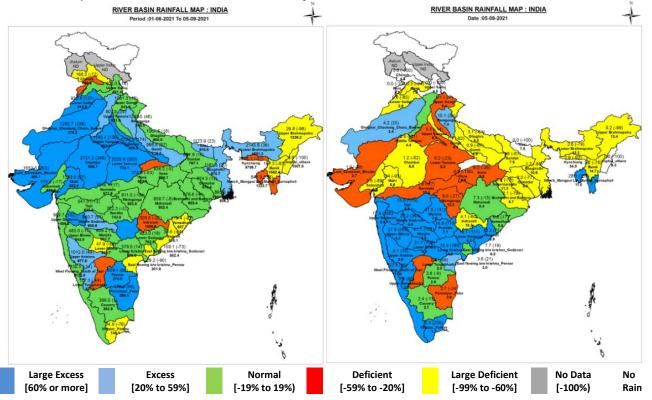


# Central Water Commission Daily Flood Situation Report cum Advisories 05-09-2021

#### 1.0 Rainfall Situation

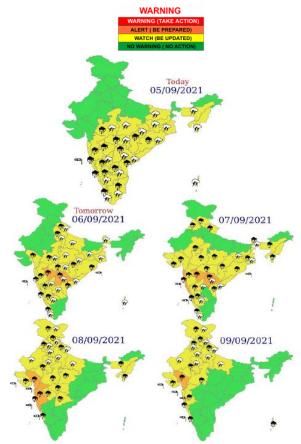
#### 1.1 Basin wise departure from normal of cumulative and daily rainfall



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 05th September, 2021 (Midday) by IMD



• Extremely Heavy/Very Heavy Rainfall at isolated places over Vidarbha on  $07^{th}$ ; Chhattisgarh on  $06^{th}$  &  $07^{th}$ ; Odisha on  $06^{th}$ ; Gujarat Region during  $07^{th}$  -  $09^{th}$ ; Madhya Maharashtra on  $07^{th}$  &  $08^{th}$ ; Marathwada and Telangana during  $05^{th}$  - $07^{th}$ ; Konkan & Goa during  $05^{th}$  - $09^{th}$ ; Coastal Andhra Pradesh and Coastal Karnataka on  $05^{th}$  &  $06^{th}$  September, 2021.

#### 2.0 Flood Situation and Advisories

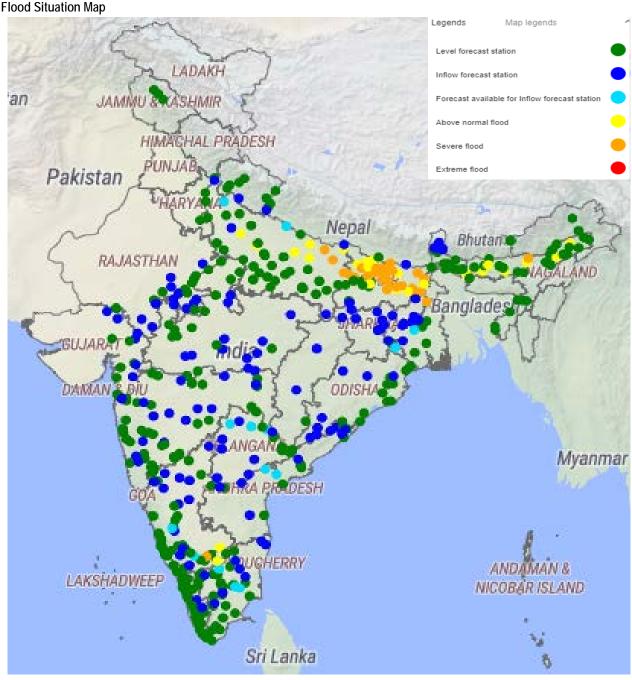
#### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 05th September, 2021, 30 Stations (21 in Bihar, 4 in Uttar Pradesh, 2 in Assam and 1 each in Jharkhand, Karnataka & West Bengal) are flowing in Severe Flood Situation and 24 stations (10 in Bihar, 7 in Assam, 5 in Uttar Pradesh and 2 in Tamilnadu) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 14 Barrages & Dams (3 each in Tamil Nadu & Telangana, 2 each in Andhra Pradesh, Karnataka, & Uttar Pradesh and 1 each in Jharkhand & West Bengal).

FLOOD SITUATION SUMMARY							
PART - I:	LEVEL FORECAST						
S.No.	Flood Situations	Numbers of Forecasting Sites					
А	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	0					
В	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	30					
С	Above Normal Flood Situation:  (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)						
	54						
PART - II: INFLOW FORECAST							
Number of (Where Infl	14						

Details are given at link: <a href="http://cwc.gov.in/sites/default/files/cfcrcwcdfb-05.09.2021-2\_5.pdf">http://cwc.gov.in/sites/default/files/cfcrcwcdfb-05.09.2021-2\_5.pdf</a>

## 2.1.1 Flood Situation Map



#### 2.2 CWC Advisories

### 2.2.1 Ganga Basin- Uttar Pradesh, Bihar, Jharkhand & West Bengal

### 2.2.1.1 Uttar Pradesh

Presently, river **Ghagra** is flowing above Danger Level in **Ballia** district with receding trends. River **Rapti** is flowing in severe flood situations in **Siddharth Nagar & Gorakhpur** districts with falling trends. River **Gandak** in **Kushinagar** district is flowing in above normal flood situation with falling trend. Main Ganga is flowing in above normal flood situation in middle reaches such as Budaunr and Farrukhabad with falling trend. In coming days, it is expected that flooding situation will gradually recede in all river systems.

#### 2.2.1.2 Bihar

Presently, river Ghagra is flowing above Danger Level in Siwan district with falling trend. River Gandak in Gopalganj, Muzaffarpur & Vaishali, River Burhi Gandak in Muzaffarpur, Samastipur & Khagaria, River Bagmati in Muzzafarpur & Darbhanga, River Adhwara in Darbhanga, Rivers Kamla & in Madhubani, River Kosi in Khagaria & Katihar, River Parman in Araria and River Mahananda in Purnia districts are flowing in severe flood situations with steady/falling trends. Main Ganga River is flowing in severe flood situations in Patna & Bhagalpur districts with falling trend. As the tail end sites of northern side tributaries of Ganga such as Ghagra, Gandak, Kosi are in severe flood situations, the existing flood situation in Ganga from Patna to Murshirabad is likely to continue for few more days. Overall, it is expected that flooding situation will gradually recede in all river systems in coming days.

#### 2.2.1.3 Jharkhand

Main Ganga in Sahibganj district is flowing above danger level with falling trend.

#### 2.2.1.4 West Bengal

Main Ganga in Murshirabad district is flowing above danger level with falling trend.

### 2.2.2 Brahmaputra and its tributaries - Assam

Due to past weeks rainfall, **Brahmaputra** main river is flowing in severe flood situations in **Dhubri** district with falling trend. **Jia-Bharali** river in **Sonitpur** district is also flowing in severe flood situation with falling trend. Overall, all river systems have receded and flooding situation is expected to be normal in coming days.

#### 2.2.3 Rivers from Tapi to Tadri & Tadri to Kanyakumari

#### 2.2.3.1 Maharashtra and Goa

There is likelihood of water level rise in rivers such as Gad, Kajvi, Khadapar, Madai, Savitri, Kal, Vashisti, Bav, Wagh & Bogeshwari in next 2 to 3 days. Alert may be kept in districts **Ratnagiri**, **Sindhudurg & Raigad**. As these rivers are flashy sudden water level rises are possible. Low level bridges and railway tracts crossing these rivers may get submerged and hence traffic needs to be regulated as per flooding situation. Major-medium dams of Konkan region such as Dhamini, Tillari, Lower Chondhe, Bhatsa, etc are having storages more than 80%; in case of releases proper reservoir operation as per standard operating manuals should be done after informing downstream areas in advance.

#### 2.2.3.2 Karnataka

There is likelihood of water level rise in rivers such as Gurpur, Shiriya, Sita, Netravathi, Haladi, Kumaradhara, Shambhavi, Aghanashini, Swarna in next 2 to 3 days. Alert may be kept in districts **Uttar Kannada**, **Udupi & Dakshin Kannada**. As these rivers are flashy sudden water level rises are possible. Low level bridges and railway tracts crossing these rivers may get submerged and hence traffic needs to be regulated as per flooding situation. Major/medium dams in the region such as Lingamanakki and Supa have storages around 87% and 75% respectively. In case of releases, proper reservoir operation as per standard operating manuals should be done after informing downstream areas in advance.

#### 2.2.4 Godavari basin - Maharashtra, Telangana

#### 2.2.4.1 Maharashtra

Water level rise is expected in rivers Purna, Middle and lower Godavari, Dudhana etc. Alert may be kept in districts **Parbhani**, **Hingoli and Nanded**. Dams located in above said districts such as Yeldari (100%), Siddeshwar (96%), Lower Manar (88%) & Lower Dudhana (71%). Proper reservoir operation in accordance to standard operating manuals should be done, after informing downstream areas in advance.

### 2.2.4.2 Telangana & Andhra Pradesh

Heavy rainfall has been predicted in Telangana for next 2 days. Alert may be kept in majority of districts such as Adilabad, Bhadradri Kothagudem, Jagtial, Jayashankar Bhoopalpally, Karimnagar, Komaram Bheem, Mancherial, Medak, Peddapalli, Rajanna Sircilla, Vikarabad, etc. Water level rise is expected in rivers Gollavagu, Gundlavagu, Indravti, Kadem, Karanja, Kinnerasani, Laknavaram, Malluruvagu, Maner (Manair), Manjira, Murredu, Modikuntavagu, Palemvagu, Paleru, Peddavagu, Pranahitha, Ralivagu, Ramadugu, Taliperu, Suddhavagu, Swarna. Alert may also be kept in districts West Godavari & East Godavari (Andhra Pradesh).

#### 2.2.5 Krishna Basin

# 2.2.5.1 Telangana & Andhra Pradesh

Alert may be kept in districts Khammam, Mulugu, Jangaon, Mahabubabad, Nagarkurnool, Nalgonda, Rangareddy, Sangareddy, Suryapet, Yadadri, Bhuvanagiri, Warangal (Rural), Warangal (Urban). Water level rise is expected in rivers Aleru, Bhima, Dindi, Kagna, Karanja, Manner or Munneru, Musi, Palleru, Peddavagu and Tungabhadra Rivers. At present Manjira dam is having above 65% storage and Sriramsagar, Sripada Yellampally and Kaddam dam are having above 90% storages, hence proper reservoir operation as per standard operating manuals should be done after informing downstream areas in advance. Alert may also be kept in district Guntur (Andhra Pradesh).

3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 05<sup>th</sup> September, 2021
Reservoirs shown in red are having gross storage capacity more than 80% and those in orange are having gross storage greater than 60%. Close watch is to be maintained at these reservoirs whenever Very Heavy Rainfall (Orange) and Extremely Heavy Rainfall (Red) warning in next 120 hours are given below:

Storage above 85%	
Storage above 60%	

QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
Q11 tanegories (mm)	٠			2007	20.00	01.10	.0 100	

1 Pulichinthala Krishna/Lover Krishna/Krishna AP Nalgonda[Tei]/Guntoor,Krishna (AP) 2 Srisailam Krishna/Lover Krishna/Krishna AP JogulambaGadwal [Tei], Kurnool(AP)/Nalgonda[Tei], Guntoor (AP) 3 NagarjunaSagar Krishna/Lover Krishna/Krishna AP Nalgonda[Tei], Guntoor (AP) 4 Musi Musi/Lover Krishna/Krishna AP Nalgonda[Tei], Guntoor (AP) 5 Sri Padavellampally Godavari/Krishna Teil Nalgonda Marcherial/ Jaishnakarshupalpally 6 Sirramsagar Project Godavari/Middle Godavari/Godavari Teil Manded (Mah)/Nirmal (Teil) 7 Kraddam Krishna/Holde Krishna/Krishna Teil Rejburlah Krishna/Holde Krishna/Krishna Krishna/Holde Krishna/Krishna Krishna/Holde Krishna/Krishna Krishna/Holde Krishna/Krishna Krishna/Krishna Krishna/Holde Krishna/Holde Krishna/Holde Krishna/Krishna Krishna/Holde Krish		rage above 60%										
Pulichinthala Krishna/Lower Krishna/Krishna AP Nalgonda(Tel), Guntoor, Krishna (AP) Srisaliam Krishna/Lower Krishna/Krishna AP Nalgonda(Tel), Guntoor (AP) Musi Musi Musi/Lower Krishna/Krishna AP Nalgonda(Tel), Guntoor (AP) SriPadavelampally Godsvar/Middle Godsvar/Godsvari Tel Nalgonda (Mancherial Mancherial Mancherial Medak SriPadavelampally Middle Krishna/Krishna Tel Raichur(Kar)/Kurnool(Anchra Pradesh), JogulambaGodwal(Tel) Srigur Manjira/Manjira/Godsvari Tel Nedak Damodar/ Damodar West/Ganga & Its Jhar Bokaro (Ibardand) Srigur Manjira/Manjira/Godsvari Tel Medak Codsul Damodar/ Damodar West/Ganga & Its Jhar Bokaro (Ibardand) Srigur Sarakar Mest/Ganga & Its Jhar Kributaries Srigur Sarakar Mest/Ganga & Its Jhar Bokaro (Ibardand) Srigur Sarakar Gardar Midela Godsvari Midela	#	Reservoir/Dams	River/Sub-Basin /Basin	State	US/ DS District			1				
2 Srisalam Krishna/Lower Krishna/Krishna AP JogulanbaGadwal (Tel), Kurnool(AP)/Nalgonda(Tel), Guntoor (AP)  Nalgonda Tel N						Day 1	Day 2	Day 3	Day 4	Day 5		
A Music	1	Pulichinthala	Krishna/Lower Krishna/ Krishna	AP	Nalgonda(Tel)/Guntoor,Krishna (AP)							
4 Musi Musi Musi Musi Musi Musi Musi Musi	2	Srisailam	Krishna/Lower Krishna/Krishna	AP	JogulambaGadwal (Tel), Kurnool(AP)/Nalgonda(Tel), Guntoor (AP)							
5 Sri PadaYellampally Godavari/Middle Godavari/Godavari Tel Mancherial/ JaishankarBhupalpally  6 Sriramsagar Project Godavari/Middle Godavari/Godavari Tel Nanded (Mahi/Nirmal (Tel)  7 Kaddam Kaddam/Middle Godavari/Godavari Tel Adilabad, Nirmal/ Mancherial  8 PD Jurala Krishna/ Middle Krishna/Krishna Tel Raichur(Kari/Kurnool(Andhra Pradesh),JogulambaGadwal(Tel)  9 Singur Manjira/Manjira/Godavari Yel Medak  10 Panchet Damodar/ Damodar Casty/Ganga & its Univolaties Damodar/ Damodar (Sanga Bara)  11 Getalsud Damodar/ Damodar West/Ganga & its tributaries Damodar/ Damodar West/Ganga & its tributaries Hararibagh (Iharkand)  12 Konar Konar/ Damodar West/Ganga & its tributaries Hararibagh (Iharkand)  13 Tilaiya Barakar/ Barakar West/Ganga & its tributaries Hararibagh (Iharkand)  14 Maithon Barakar/ Barakar West/Ganga & its tributaries Hararibagh (Iharkand)  15 Kabini Raini (Kabini/Cauvery Kar Wayanad (Kerala)/Mysuru (Kar)  16 Harangi Cauvery/Usper Cauvery/Cauvery Kar Kodagu/Mandya (Kerala)/Mysuru (Kar)  17 Karanja Karanja/Manjira/Godavari Kar Begalkor, Vijayapura/ Raichur, Yaadgir  18 Narayanpur Krishna/Usper Kishna/Krishna Kar Begalkor, Vijayapura/ Raichur, Yaadgir  19 Narayanpur Krishna/Hoper Kishna/Krishna Kar Gadag/Balay, Koppa, Raichur  20 KRS Cauvery/Middle Cauvery/Cauvery Kar Mandya, Mysore Hamavathy/Cauvery Kar Gadag/Balay, Koppa, Raichur  21 Tungabhadra/Krishna Kar Gadagalaya/Krishna Kar Gadag/Balay, Koppa, Raichur  22 Hemavathy Hemavathy/Cauvery Kar Gadag/Balay, Koppa, Raichur  23 Babara Babara/Usper Kungabhadra/Krishna Kar Chilmagaluru/Shinoga  24 Helmavathy Hemavathy/Cauvery Kar Schlapur (Mah) Balakota/Mandya, Mysore  25 Malaprabha Malaprabha/Krishna Kar Chilmagaluru/Shinoga  26 Warana Warana/Upper Kishna/Krishna Mah Kohpur, Sangil  27 Koyna Koyna/ Usper Krishna/Krishna Mah Parue, Satara	3	NagarjunaSagar	Krishna/Lower Krishna/Krishna	AP	Nalgonda(Tel), Guntoor (AP)							
6 Sriramsagar Project Godavari/Middle Godavari/Godavari 7 Kaddam Middle Godavari/Godavari 8 PD Jurala Krishna/ Middle Krishna/Krishna Tel Adilabad, Nirmal/ Mancherial 8 PD Jurala Krishna/ Middle Krishna/Krishna Tel Raichur(Kar)/Kurnool(Andhra Pradesh),JogulambaGadwal(Tel) 9 Singur Manjira/Manjira/Godavari Tel Medak 10 Panchet Damodar/ Damodar East/ Ganga Jhar Dhanbad, Jamtara (Ihar)/ Puruliya, PaschimBardhaman, Bankura (WB) 11 Getalsud Damodar/ Damodar West/Ganga & its tributaries 12 Konar Konar/ Damodar West/Ganga & its tributaries 13 Tilaiya Barakar/ Barakar Wasrakar East/Ganga Jhar Koderma (Iharkand) 14 Maithon Barakar/ Barakar Fast/Ganga Jhar Koderma (Iharkand) 15 Kabini Kabini/Kabini/Cauvery Kar Wayanad (Karala)/Mysuru (Kar) 16 Harangl Cauvery/Loper Cauvery/Cauvery Kar Kodagu/Mandya Majaraha/ Krishna/ Loper Krishna/ Krishna Kar Bagalkot, Vijusparura/ Rajchur, Yaadgir 18 Narayanpur Krishna/ Loper Krishna/ Krishna Kar Gadag/ Belatur, Kopal, Rishnar Badara/ Bhadra/ Loper Krishna/ Krishna Kar Gadag/ Belatur, Wapore Mandya, Mysore 18 Hemavathy   Lemavathy	4	Musi	Musi/Lower Krishna/ Krishna	Tel	Nalgonda							
Raddam   Kaddam/Middle Godavari/Godavari   Tel   Adilabad, Nirmal/ Mancherial   Raichur(Kar)/Kurnooi(Andhra Pradesh), JogulambaGadwal(Tel)   Medak   Manjira/Manjira/Godavari   Tel   Medak	5	Sri PadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/ JaishankarBhupalpally							
PO Jurala	6	Sriramsagar Project	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah)/Nirmal (Tel)							
9 Singur Manjira/Manjira/Godavari Tel Medak Damodar/ Damodar Damodar Est/ Ganga Jhar Dhanbad, Jamtara (Jhar) Puruliya, PaschimBardhaman, Bankura (WB)  11 Getalsud Damodar/ Damodar West/Ganga & its tributaries 12 Konar Konar/ Damodar West/Ganga & its tributaries 13 Tilaiya Barakar/ Barakar West/Ganga & its tributaries 14 Maithon Barakar/ Barakar Satt/Ganga Jhar Koderma (Jharkand) 15 Kabini Kabini/ Cauvery Kar Wayanad (Kerala) / Mysuru (Kar) 16 Harangi Cauvery/Cauvery Kar Kodagu/Mandya 17 Karanja Karanja/Manjira/Godavari Kar Bidar (Kar), Vikarabad/Tel/Jisidar(Kar) 18 Almatti Krishna/Upper Krishna/Krishna Kar Kolhapur(Mah)/ Bagalkote(Kar) 19 Narayanpur Rrishna/Upper Krishna/Krishna Kar Mandya, Mysore 20 KRS Cauvery/Ididle Cauvery/Cauvery Kar Mandya, Mysore 21 Tungabhadra/Krishna 22 Hemavathy Hemavathy/ Hemavathy/Cauvery Kar Hassan, Kodagu/Mandya, Mysore 23 Tungabhadra (Malarabha/Ghataprabha/Krishna Kar Chikmagaluru/Shimoga 24 Hidkal Ghataprabha/ Malaprabha/Rrishna Kar Kolhapur (Mah)/ Belgaum (Kar) 25 Malaprabha Malaprabha/Rrishna Kar Kolhapur (Mah)/ Belgaum (Kar) 26 Warana Warana/Upper Krishna/Krishna Mah Karana Belgaum 27 Koyan Koyan Upper Krishna/Krishna Mah Satara/Kolhapur, Sangli 28 Totdadoh Pench/Wainganga/Godavari Mah Hingoli yavatmal/Yavatmal, Nanded 30 Lisapur Penganga/Penganga/Godavari Mah Hingoli yavatmal/Yavatmal, Nanded 31 Upper Wardha Wardha/Wardha/Godavari Mah Hingoli yavatmal/Yavatmal, Nanded	7	Kaddam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad, Nirmal/ Mancherial							
Damodar/ Damodar (Sanga   Damodar (Damodar (Da	8	PD Jurala	Krishna/ Middle Krishna/Krishna	Tel	Raichur(Kar)/Kurnool(Andhra Pradesh),JogulambaGadwal(Tel)							
12 Konar Konar/ Damodar West/Ganga & its tributaries	9	Singur	Manjira/Manjira/Godavari	Tel	Medak							
Description   Demodar	10	Panchet	Damodar/ Damodar East/ Ganga	Jhar	Dhanbad, Jamtara (Jhar)/ Puruliya, PaschimBardhaman, Bankura (W	'B)						
tributaries Barakar/ Barakar West/Ganga & its tributaries  Maithon Barakar/ Barakar East/Ganga Jhar Dhanbad, Jamtara (Jhar)/ Puruliya, PaschimBardhaman, Bankura (WB)  Kabini Kabini/ Kabini/ Cauvery Kar Wayanad (Kerala)/ Mysuru (Kar)  Karanja Cauvery/Lupper Cauvery/Cauvery Kar Bidar (Kar), Vikarabad(Tell)/Bidar(Kar)  Karanja Karanja/Manjira/Godavari Kar Bidar (Kar), Vikarabad(Tell)/Bidar(Kar)  Krishna/Upper Krishna/Krishna Kar Kolhapur(Mah)/ Bagalkote(Kar)  KrS Cauvery/Middle Cauvery/Cauvery Kar Mandya, Mysore  Tungabhadra Tungabhadra/Krishna Kar Gadag/Bellary, Koppal, Raichur  Tungabhadra Hemavathy/ Hemavathy/ Cauvery Bhadra Bhadra/Upper Tungabhadra/Krishna Kar Chikmagaluru/Shimoga  Hidkal Ghataprabha/Malaprabha/Krishna Kar Kolhapur (Mah)/ Belgaum (Kar)  Kar Belgaum  Karana Warana/Upper Krishna/Krishna Mah Kolhapur, Sangli  Karana Warana/Upper Krishna/Krishna Mah Kolhapur, Sangli  Tungabhadra Purna/Godavari Mah Purna/Purna/Sodavari Mah Hingoli, Yavatmal/Yavatmal,Nanded  Wardha/Wardha/Godavari Mah Purne, Satara	11	Getalsud		Jhar								
tributaries	12	Konar		Jhar	Hazaribagh (Jharkand)							
15 Kabini Kabini/Cauvery Kar Wayanad (Kerala)/ Mysuru (Kar) 16 Harangi Cauvery/Upper Cauvery/Cauvery Kar Kodagu/Mandya 17 Karanja Karanja/Manjira/Godavari Kar Bidar (Kar), Vikarabad(Tel)/Bidar(Kar) 18 Almatti Krishna/Upper Krishna/Krishna Kar Kolhapur(Mah)/ Bagalkote(Kar) 19 Narayanpur Krishna/Upper Krishna/Krishna Kar Bagalkot, Vijayapura/ Raichur, Yaadgir 20 KRS Cauvery/Middle Cauvery/Cauvery Kar Mandya, Mysore 21 Tungabhadra Tungabhadra/Krishna 22 Hemavathy Hemavathy/ Hemavathy/ Cauvery Kar Hassan, Kodagu/Mandya, Mysore 23 Bhadra Bhadra/UpperTungabhadra/Krishna Kar Chikmagaluru/Shimoga 24 Hidkal Ghataprabha/Ghataprabha/Krishna Kar Kolhapur (Mah)/ Belgaum (Kar) 25 Malaprabha Malaprabha/Malaprabha/Krishna Kar Belgaum 26 Warana Warana/Upper Krishna/Krishna Mah Kolhapur, Sangli 27 Koyna Koyna/ Upper Krishna/Krishna Mah Satara/Kolhapur, Sangli 28 Yeldari Purna/Godavari Mah Parbhani, Hingoli 29 Totladoh Pench/Wainganga/Godavari Mah Hingoli, Yavatmal/Yavatmal, Nanded 30 Isapur Penganga/Penganga/Godavari Mah Hingoli, Yavatmal/Yavatmal, Nanded 31 Upper Wardha	13	Tilaiya		Jhar	Koderma (Jharkand)							
16 Harangi Cauvery/Upper Cauvery/Cauvery Kar Kodagu/Mandya 17 Karanja Karanja/Manjira/Godavari Kar Bidar (Kar), Vikarabad(Tel)/Bidar(Kar) 18 Almatti Krishna/Upper Krishna/Krishna Kar Kolhapur(Mah)/ Bagalkote(Kar) 19 Narayanpur Krishna/Upper Krishna/Krishna Kar Bagalkot, Vijayapura/ Raichur, Yaadgir 20 KRS Cauvery/Middle Cauvery/Cauvery Kar Mandya, Mysore 21 Tungabhadra/Middle Kar Gadag/Bellary, Koppal, Raichur 22 Hemavathy Hemavathy/Hemavathy/Cauvery Kar Hassan, Kodagu/Mandya, Mysore 23 Bhadra Bhadra/UpperTungabhadra/Krishna Kar Chikmagaluru/Shimoga 24 Hidkal Ghataprabha/Ghataprabha/Krishna Kar Kolhapur (Mah)/ Belgaum (Kar) 25 Malaprabha Malaprabha/Malaprabha/Krishna Kar Belgaum 26 Warana Warana/Upper Krishna/Krishna Mah Kolhapur, Sangli 27 Koyna Koyna/ Upper Krishna/Krishna Mah Satara/Kolhapur, Sangli 28 Yeldari Purna/Purna/Godavari Mah Parbhani, Hingoli 29 Totladoh Pench/Wainganga/Godavari Mah Chindwara(MP)/Nagpur(Mah) 30 Isapur Penganga/Penganga/Godavari Mah Hingoli, Yavatmal/Yavatmal, Nanded 31 Upper Wardha Wardha/Wardha/Godavari Mah Wardha, Amravati 32 Veer Nira/Upper Bhima/Krishna Mah Pune, Satara	14	Maithon	Barakar/ Barakar East/Ganga	Jhar	Dhanbad, Jamtara (Jhar)/ Puruliya, PaschimBardhaman, Bankura (W	'B)						
17 Karanja Karanja/Manjira/Godavari Kar Bidar (Kar), Vikarabad (Tell/Bidar (Kar)  18 Almatti Krishna/Upper Krishna/Krishna Kar Kolhapur (Mah) / Bagalkote (Kar)  19 Narayanpur Krishna/Upper Krishna/Krishna Kar Bagalkot, Vijayapura/ Raichur, Yaadgir  20 KRS Cauvery/Middle Cauvery/Cauvery Kar Mandya, Mysore  21 Tungabhadra Tungabhadra/Krishna Kar Gadag/Bellary, Koppal, Raichur  22 Hemavathy Hemavathy/ Lemavathy/Cauvery Kar Hassan, Kodagu/Mandya, Mysore  23 Bhadra Bhadra/UpperTungabhadra/Krishna Kar Chikmagaluru/Shimoga  24 Hidkal Ghataprabha/Ghataprabha/Krishna Kar Kolhapur (Mah)/ Belgaum (Kar)  25 Malaprabha Malaprabha/Malaprabha/Krishna Kar Belgaum  26 Warana Warana/Upper Krishna/Krishna Mah Kolhapur, Sangli  27 Koyna Koyna/ Upper Krishna/Krishna Mah Satara/Kolhapur, Sangli  28 Yeldari Purna/Purna/Godavari Mah Parbhani, Hingoli  29 Totladoh Pench/Wainganga/Godavari Mah Hingoli, Yavatmal, Nanded  30 Isapur Penganga/Penganga/Godavari Mah Wardha, Amravati  31 Upper Wardha Wardha/Wardha/Godavari Mah Wardha, Amravati  32 Veer Nira/Upper Bhima/Krishna Mah Pune, Satara	15	Kabini	Kabini/Kabini/Cauvery	Kar	Wayanad (Kerala)/ Mysuru (Kar)							
18AlmattiKrishna/Upper Krishna/KrishnaKarKolhapur(Mah)/ Bagalkote(Kar)19NarayanpurKrishna/Upper Krishna/KrishnaKarBagalkot, Vijayapura/ Raichur, Yaadgir20KRSCauvery/Middle Cauvery/CauveryKarMandya, Mysore21Tungabhadra/Middle Tungabhadra/KrishnaKarGadag/Bellary, Koppal, Raichur22Hemavathy/ Hemavathy/ Hemavathy/CauveryKarHassan, Kodagu/Mandya, Mysore23BhadraBhadra/UpperTungabhadra/KrishnaKarChikmagaluru/Shimoga24HidkalGhataprabha/Ghataprabha/KrishnaKarKolhapur (Mah)/ Belgaum (Kar)25MalaprabhaMalaprabha/Malaprabha/KrishnaKarBelgaum26WaranaWarana/Upper Krishna/KrishnaMahKolhapur, Sangli27KoynaKoyna/ Upper Krishna/KrishnaMahSatara/Kolhapur, Sangli28YeldariPurna/Purna/GodavariMahParbani, Hingoli29TotladohPench/Wainganga/GodavariMahChindwara(MP)/Nagpur(Mah)30IsapurPenganga/Penganga/GodavariMahHingoli, Yavatmal/Vavatmal,Nanded31Upper WardhaWardha/Wardha/GodavariMahWardha, Amravati32VeerNira/Upper Bhima/KrishnaMahPune, Satara	16	Harangi	Cauvery/Upper Cauvery/Cauvery	Kar	Kodagu/Mandya							
19 Narayanpur Krishna/Upper Krishna Kar Bagalkot, Vijayapura/ Raichur, Yaadgir 20 KRS Cauvery/Middle Cauvery/Cauvery Kar Mandya, Mysore 21 Tungabhadra Tungabhadra/Middle Kar Gadag/Bellary, Koppal, Raichur 22 Hemavathy Hemavathy/ Hemavathy/ Cauvery Kar Hassan, Kodagu/Mandya, Mysore 23 Bhadra Bhadra/UpperTungabhadra/Krishna Kar Chikmagaluru/Shimoga 24 Hidkal Ghataprabha/Ghataprabha/Krishna Kar Kolhapur (Mah)/ Belgaum (Kar) 25 Malaprabha Malaprabha/Krishna Kar Belgaum 26 Warana Warana/Upper Krishna/Krishna Mah Kolhapur, Sangli 27 Koyna Koyna/ Upper Krishna/Krishna Mah Satara/Kolhapur, Sangli 28 Yeldari Purna/Purna/Godavari Mah Parbhani, Hingoli 29 Totladoh Pench/Wainganga/Godavari Mah Chindwara(MP)/Nagpur(Mah) 30 Isapur Penganga/Penganga/Godavari Mah Hingoli, Yavatmal/Yavatmal, Nanded 31 Upper Wardha Wardha/Wardha/Godavari Mah Wardha, Amravati 32 Veer Nira/Upper Bhima/Krishna Mah Pune, Satara	17	Karanja	Karanja/Manjira/Godavari	Kar	Bidar (Kar), Vikarabad(Tel)/Bidar(Kar)							
20KRSCauvery/Middle Cauvery/CauveryKarMandya, Mysore21TungabhadraTungabhadra/Middle Tungabhadra/KrishnaKarGadag/Bellary, Koppal, Raichur22HemavathyHemavathy/ Lemavathy/ CauveryKarHassan, Kodagu/Mandya, Mysore23BhadraBhadra/Upper Tungabhadra/KrishnaKarChikmagaluru/Shimoga24HidkalGhataprabha/Bataprabha/KrishnaKarKolhapur (Mah)/ Belgaum (Kar)25MalaprabhaMalaprabha/Malaprabha/KrishnaKarBelgaum26WaranaWarana/Upper Krishna/KrishnaMahKolhapur, Sangli27KoynaKoyna/ Upper Krishna/KrishnaMahSatara/Kolhapur, Sangli28YeldariPurna/Purna/GodavariMahParbhani, Hingoli29TotladohPench/Wainganga/GodavariMahChindwara(MP)/Nagpur(Mah)30IsapurPenganga/Penganga/GodavariMahHingoli, Yavatmal/Yavatmal,Nanded31Upper WardhaWardha/Wardha/GodavariMahWardha, Amravati32VeerNira/Upper Bhima/KrishnaMahPune, Satara	18	Almatti	Krishna/Upper Krishna/Krishna	Kar	Kolhapur(Mah)/ Bagalkote(Kar)							
Tungabhadra Middle Tungabhadra/Krishna Kar Gadag/Bellary, Koppal, Raichur  Hemavathy Hemavathy/ Hemavathy/Cauvery Kar Hassan, Kodagu/Mandya, Mysore  Hidkal Bhadra (Mahy) Hemavathy/Krishna Kar Chikmagaluru/Shimoga  Malaprabha (Mahaprabha/Ghataprabha/Krishna Kar Kolhapur (Mahy) Belgaum (Kar)  Malaprabha Malaprabha/Malaprabha/Krishna Kar Belgaum  Marana Warana/Upper Krishna/Krishna Mah Kolhapur, Sangli  Koyna Koyna (Mahy) Upper Krishna/Krishna Mah Satara/Kolhapur, Sangli  Mah Parbhani, Hingoli  Tungabhadra/Middle Kar Hassan, Kodagu/Mandya, Mysore  Mah Satara/Kolhapur (Mahy) Belgaum (Kar)  Mah Satara/Kolhapur, Sangli  Mah Parbhani, Hingoli  Juper Wardha Pench/Wainganga/Godavari Mah Hingoli, Yavatmal/Yavatmal, Nanded  Juper Wardha Wardha/Wardha/Godavari Mah Wardha, Amravati  Juper Wardha Wardha/Wardha/Godavari Mah Wardha, Amravati  Mah Pune, Satara	19	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yaadgir							
Tungabhadra/Krishna  Lead Hemavathy  Hemavathy/ Hemavathy/Cauvery  Kar Hassan, Kodagu/Mandya, Mysore  Bhadra  Chikmagaluru/Shimoga  Hidkal Ghataprabha/Ghataprabha/Krishna  Kar Chikmagaluru/Shimoga  Malaprabha  Malaprabha  Malaprabha/Malaprabha/Krishna  Kar Kolhapur (Mah)/ Belgaum (Kar)  Malaprabha  Malaprabha  Malaprabha/Malaprabha/Krishna  Mah Kolhapur, Sangli  Koyna  Warana/Upper Krishna/Krishna  Mah Satara/Kolhapur, Sangli  Koyna  Mah Parbhani, Hingoli  Purna/Purna/Godavari  Mah Chindwara(MP)/Nagpur(Mah)  Ji Upper Wardha  Wardha/Wardha/Godavari  Mah Wardha, Amravati  Wardha, Amravati  Mah Pune, Satara	20	KRS	Cauvery/Middle Cauvery/Cauvery	Kar	Mandya, Mysore							
Bhadra Bhadra/UpperTungabhadra/Krishna Kar Chikmagaluru/Shimoga   Hidkal Ghataprabha/Ghataprabha/Krishna Kar Kolhapur (Mah)/ Belgaum (Kar)  Malaprabha Malaprabha/Malaprabha/Krishna Kar Belgaum  Mah Kolhapur, Sangli  Koyna Warana/Upper Krishna/Krishna Mah Satara/Kolhapur, Sangli  Koyna Koyna/ Upper Krishna/Krishna Mah Satara/Kolhapur, Sangli  Mah Parbhani, Hingoli  Pench/Wainganga/Godavari Mah Chindwara(MP)/Nagpur(Mah)  Japur Penganga/Penganga/Godavari Mah Hingoli, Yavatmal/Yavatmal, Nanded  Jupper Wardha Wardha/Wardha/Godavari Mah Wardha, Amravati  Wardha, Amravati	21	Tungabhadra		Kar	Gadag/Bellary, Koppal, Raichur							
24HidkalGhataprabha/Ghataprabha/KrishnaKarKolhapur (Mah)/ Belgaum (Kar)25MalaprabhaMalaprabha/Malaprabha/KrishnaKarBelgaum26WaranaWarana/Upper Krishna/KrishnaMahKolhapur, Sangli27KoynaKoyna/ Upper Krishna/KrishnaMahSatara/Kolhapur, Sangli28YeldariPurna/Purna/GodavariMahParbhani, Hingoli29TotladohPench/Wainganga/GodavariMahChindwara(MP)/Nagpur(Mah)30IsapurPenganga/Penganga/GodavariMahHingoli, Yavatmal/Yavatmal,Nanded31Upper WardhaWardha/Wardha/GodavariMahWardha, Amravati32VeerNira/Upper Bhima/KrishnaMahPune, Satara	22	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore							
25MalaprabhaMalaprabha/Malaprabha/KrishnaKarBelgaum26WaranaWarana/Upper Krishna/KrishnaMahKolhapur, Sangli27KoynaKoyna/ Upper Krishna/KrishnaMahSatara/Kolhapur, Sangli28YeldariPurna/Purna/GodavariMahParbhani, Hingoli29TotladohPench/Wainganga/GodavariMahChindwara(MP)/Nagpur(Mah)30IsapurPenganga/Penganga/GodavariMahHingoli, Yavatmal/Yavatmal,Nanded31Upper WardhaWardha/Wardha/GodavariMahWardha, Amravati32VeerNira/Upper Bhima/KrishnaMahPune, Satara	23	Bhadra	Bhadra/UpperTungabhadra/Krishna	Kar	Chikmagaluru/Shimoga							
25MalaprabhaMalaprabha/Malaprabha/KrishnaKarBelgaum26WaranaWarana/Upper Krishna/KrishnaMahKolhapur, Sangli27KoynaKoyna/ Upper Krishna/KrishnaMahSatara/Kolhapur, Sangli28YeldariPurna/Purna/GodavariMahParbhani, Hingoli29TotladohPench/Wainganga/GodavariMahChindwara(MP)/Nagpur(Mah)30IsapurPenganga/Penganga/GodavariMahHingoli, Yavatmal/Yavatmal,Nanded31Upper WardhaWardha/Wardha/GodavariMahWardha, Amravati32VeerNira/Upper Bhima/KrishnaMahPune, Satara	24	Hidkal	Ghataprabha/Ghataprabha/Krishna	Kar	Kolhapur (Mah)/ Belgaum (Kar)							
27KoynaKoyna/ Upper Krishna/KrishnaMahSatara/Kolhapur, Sangli28YeldariPurna/Purna/GodavariMahParbhani, Hingoli29TotladohPench/Wainganga/GodavariMahChindwara(MP)/Nagpur(Mah)30IsapurPenganga/Penganga/GodavariMahHingoli, Yavatmal/Yavatmal,Nanded31Upper WardhaWardha/Wardha/GodavariMahWardha, Amravati32VeerNira/Upper Bhima/KrishnaMahPune, Satara	25	Malaprabha	Malaprabha/Malaprabha/Krishna	Kar	Belgaum							
28     Yeldari     Purna/Purna/Godavari     Mah     Parbhani, Hingoli       29     Totladoh     Pench/Wainganga/Godavari     Mah     Chindwara(MP)/Nagpur(Mah)       30     Isapur     Penganga/Penganga/Godavari     Mah     Hingoli, Yavatmal/Yavatmal,Nanded       31     Upper Wardha     Wardha/Wardha/Godavari     Mah     Wardha, Amravati       32     Veer     Nira/Upper Bhima/Krishna     Mah     Pune, Satara	26	Warana	Warana/Upper Krishna/Krishna	Mah	Kolhapur, Sangli							
29 Totladoh Pench/Wainganga/Godavari Mah Chindwara(MP)/Nagpur(Mah) 30 Isapur Penganga/Penganga/Godavari Mah Hingoli, Yavatmal/Yavatmal,Nanded 31 Upper Wardha Wardha/Wardha/Godavari Mah Wardha, Amravati 32 Veer Nira/Upper Bhima/Krishna Mah Pune, Satara	27	Koyna	Koyna/ Upper Krishna/Krishna	Mah	Satara/Kolhapur, Sangli							
30     Isapur     Penganga/Penganga/Godavari     Mah     Hingoli, Yavatmal/Yavatmal,Nanded       31     Upper Wardha     Wardha/Wardha/Godavari     Mah     Wardha, Amravati       32     Veer     Nira/Upper Bhima/Krishna     Mah     Pune, Satara	28	Yeldari	Purna/Purna/Godavari	Mah	Parbhani, Hingoli							
31     Upper Wardha     Wardha/Wardha/Godavari     Mah     Wardha, Amravati       32     Veer     Nira/Upper Bhima/Krishna     Mah     Pune, Satara	29	Totladoh	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)							
32 Veer Nira/Upper Bhima/Krishna Mah Pune, Satara	30	Isapur	Penganga/Penganga/Godavari	Mah	Hingoli, Yavatmal/Yavatmal,Nanded							
32 Veer Nira/Upper Bhima/Krishna Mah Pune, Satara	31	Upper Wardha	Wardha/Wardha/Godavari	Mah	Wardha, Amravati							
	32	Veer	Nira/Upper Bhima/Krishna	Mah	Pune, Satara							
33   Ujjani   Bhima/Upper Bhima/Krishna   Mah   Pune, Solapur	33	Ujjani	Bhima/Upper Bhima/Krishna	Mah	Pune, Solapur							
34 Mula Mula/Upper Godavari/Godavari Mah Ahmadnagar	34	Mula		Mah	Ahmadnagar							

25	Majlegaon	Sindphana/Middle Godavari/Godavari	Mah	Bid/Parbhani			
36	Gosikhurd	Wainganga/Wainganga/Godavari	Mah	Nagpur, Bhandara/Chandrapur, Gadchiroli			
37	Rana PratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)			
38	Parwati		Raj				
30	Parwati	Parbati/Kalisindh/Kalisindh/Upper Chambal	Naj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)			
39	Panchana		Raj	Karauli			
39		Gambhiri/Upper Chambal/Ganga					
40	Gudha	Mejchambal/UpperChambal/Ganga	Raj	Bhilwara/Bundi			
41	Kalisindh	Kalisindh/Upper Chambal/Ganga	Raj	Jhalawar, Kota			
42	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/ Dungarpur			
43	Mahi Bajaj Sagar	Mahi/Mahi B/Mahi	Raj	Ratlam(MP)/Banswara, Pratapgarh, Dungapur (Raj)			
44	Vaigai	Vaigai/Upper Vaigai/EF Rivers b/w	TN	Theni/Madurai			
		Cauvery &Kanyakumari					
45	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri (TN), Coimbatore (TN)/ Erode (TN)			
46	Idukki	Periyar/Upper Periyar/West Flowing	Kerala	Idduki/Ernakulam			
		Rivers from Tadri to Kanyakumari					
47	Edamalyar	Periyar/Upper Periyar/West flowing rivers	Kerala	Ernakulam			
		from Tadri to Kanyakumari					
48	Bargi	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur			
49	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul, Hoshnabad/Sehore			
50	Gandhi Sagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)			
51	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)			
52	Bansagar	Sone/Sone/Ganga	MP	Katni, Umaria, Shahdol, Satna/ Rewa, Sidhi			
53	Sanjay Sarovar	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat			
54	Pench (Machagora)	Pench/Wainganga/Godavari	MP	Chindwara			
55	Rengali	Brahmani River/Brahmani and	Odisha	Deogarh/Angul, Dhenkanal			
33	Keligali	Baitarni/Brahmani and Baitarni	Odisila	Deogain/Angui, Dhenkanai			
56	Hirakud		Odisha	Janisis Champa Baisash (Chamb) Thosas and Bassash			
30	пігакий	Mahanadi/Upper Mahanadi/Mahanadi	Guisiia	JanjgirChampa, Raigarh(Chsgrh), Jharsuguda, Bargarh,			
57	III.a.:	Tani /I awan Tani /Tani	Cui	Sambalpur(Odisha)/Subarnapur, Baudh, Anugul (Odisha)			
57	Ukai	Tapi/Lower Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)			
58	Madhuban	Damanganga/Damanganga/West Flowing	Guj	Valsad (Guj)/Selvasa (UT of DNH)			
		Rivers from Tapi to Tadri					

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.