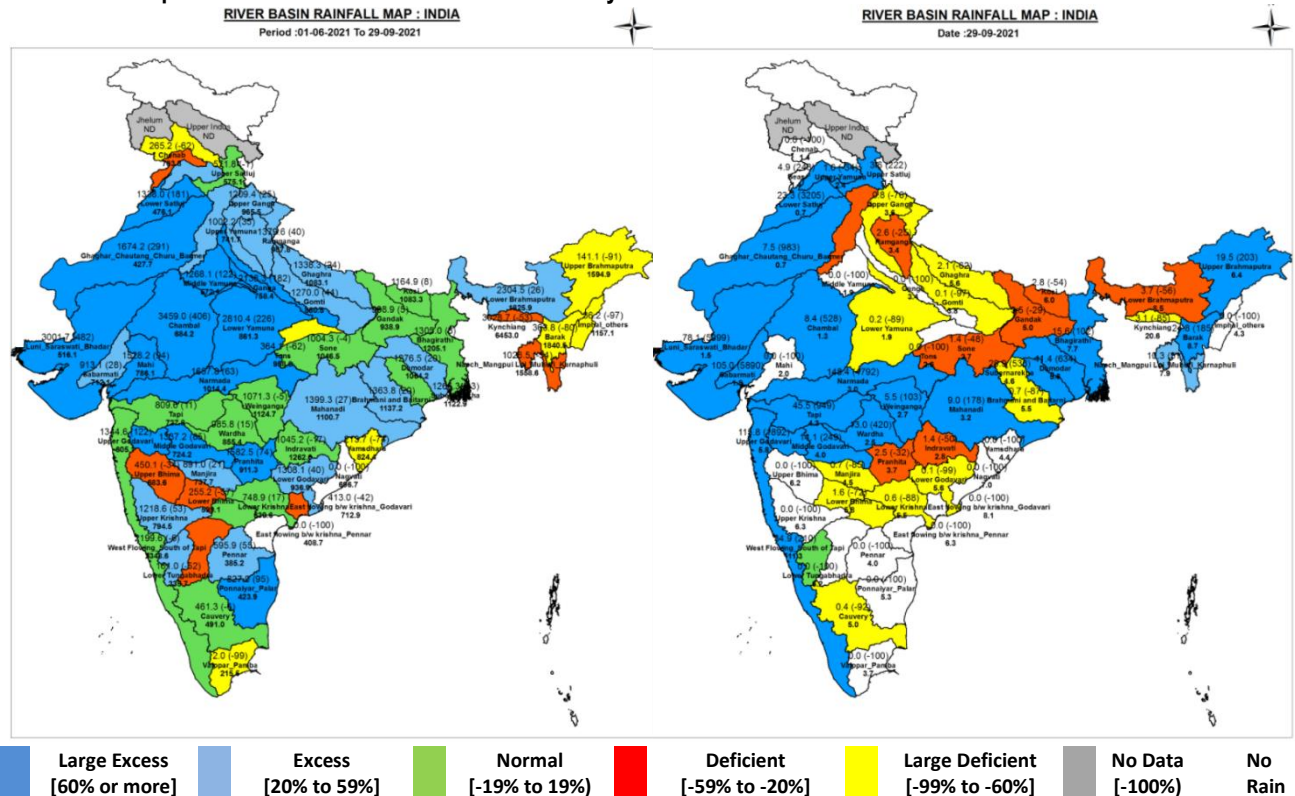




**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**29-09-2021**

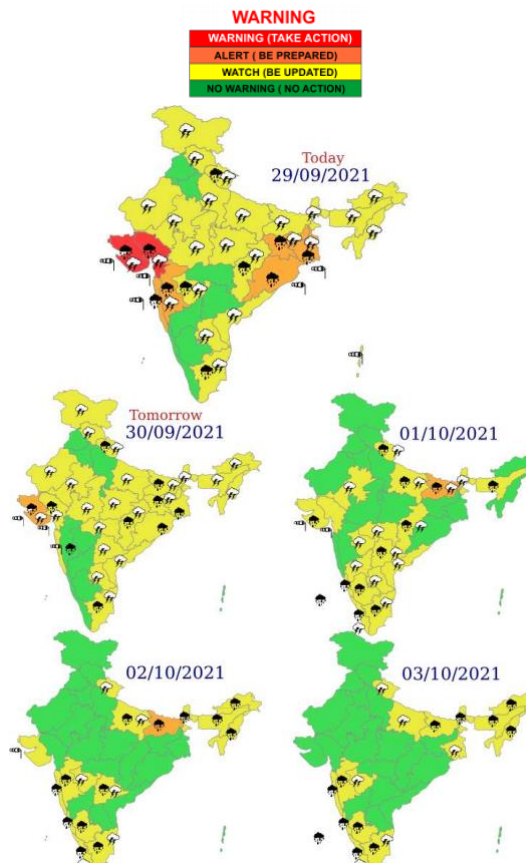
**1.0 Rainfall Situation**

**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 29<sup>th</sup> September, 2021 (Midday) by IMD**



- Extremely/Very Heavy Rainfall over Gujarat Region, north Madhya Maharashtra, north Konkan, Gangetic West Bengal, Odisha and Jharkhand on 29th; Saurashtra & Kutch on 29th & 30th; Bihar on 01st & 02nd October, 2021

## 2.0 Flood Situation and Advisories

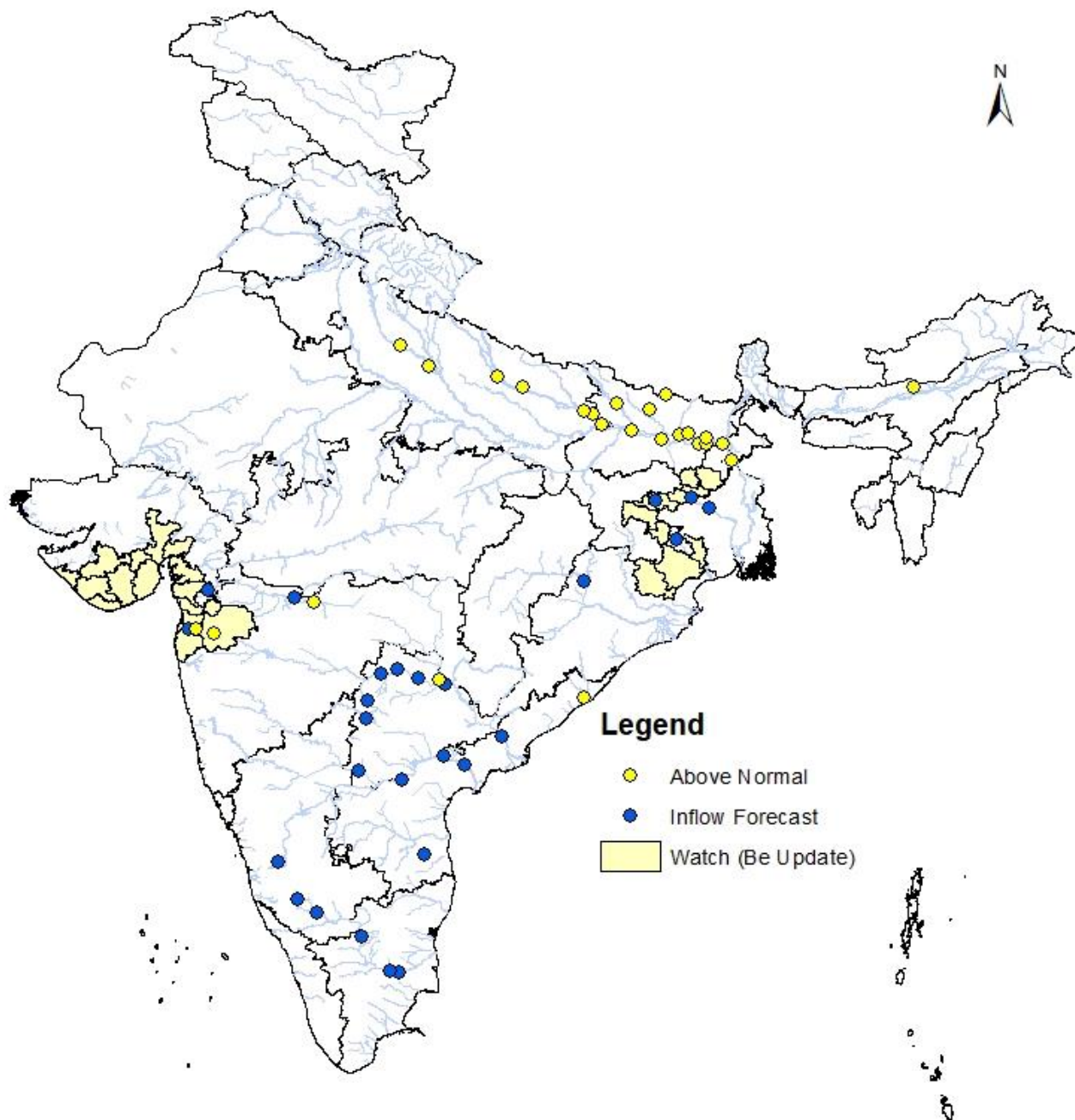
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 29<sup>th</sup> September, 2021, 24 stations (11 in Bihar, 5 in Uttar Pradesh, 2 in Maharashtra and 1 each in Assam, Andhra Pradesh, Gujarat, Jharkhand, Telangana & West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 27 Barrages & Dams (7 in Telangana, 4 in Andhra Pradesh, 3 each in Jharkhand, Tamilnadu & Karnataka, 2 each in West Bengal, Maharashtra & Gujarat and 1 in Odisha).

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)	0
<b>B</b>	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	0
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	24
Total number of sites above Warning Level ( A+B+C)		24
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)		27

Details are given at link: [http://www.cwc.gov.in/sites/default/files/cfcrwcdfb-29.09.2021-2\\_5.pdf](http://www.cwc.gov.in/sites/default/files/cfcrwcdfb-29.09.2021-2_5.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

### 2.2.1 Rivers of Saurashtra, West Banas, Sabarmati, Mahi, Narmada, Tapi & Damanganga,– Gujarat, Maharashtra

#### 2.2.1.1 Gujarat

Alert may be kept in districts **Navsari, Valsad, Dangs, Surat, Tapi, Bharuch, Anand, Bhavnagar, Ahmedabad, Botad, Amreli, Rajkot, Junagadh, Porbander, Somnath, Jamnagar, Dwarka & Kutch** for the rivers such as Mahi, Sabarmati, Watrak, Tapi, Narmada, Damanganga and other small rivers in north & south Gujarat regions. Water level rise is expected in rivers of Saurashtra such as Sani, Madhiwadi, Ozat, Bagod, Bhadar, Machhu, Malan, Shetrunji and other small rivers in the area. Ukai, Kadana, Madhuban, Shetrunji dams and other storages in the region are more than 90%, hence, releases may be done as per SOP after informing downstream areas in advance.

#### 2.2.1.2 Maharashtra

Since the pressure system has moved past the region, there is drastic reduction in rainfall. But the runoff created due to said event is flowing down the rivers Tapi, Damanganga, Vashisti and rivers in middle Konkan. Alert may be kept in districts **Nasik & Palghar**.

### 2.2.2 Ganga, East Flowing Rivers Between Mahanadi & Pennar, Brahmani & Baitarni, Subarnarekha, Godavari, Krishna & Cauvery

#### 2.2.2.1 Jharkhand, Odisha and adjoining West Bengal

Currently due to the well marked low pressure area over Gangetic West Bengal and adjoining Jharkhand, heavy rainfall have been predicted over Jharkhand, Odisha and West Bengal. Alert may be kept in districts **Kendujhar, Mayurbhanj (Odisha), Saraikala, Ranchi, Ramgarh, Bokaro, Dhanbad, Jamtara, Deogarh, Dumka (Jharkhand) and Jhargram (West Bengal)**. Water level rise is expected in rivers Ajoy, Barakar, Kangsabati, Subarnarekha, Brahmani-Baitarni, Burhabalang, etc and its tributaries.

#### 2.2.2.2 Andhra Pradesh

Even though rainfall has decreased in most of the districts of the state, due to increased runoff contribution from upper regions of rivers such as Godavari, Krishna and its tributaries in Maharashtra, the abatement of water levels in above said rivers are not expected in coming 2 days. Gotta Barrage, Thottapalli project, Srisailem, Pulinchintala, Prakasam projects may receive increased inflows. Releases may be done as per SOP after advance information to downstream areas. Currently river Nagavalli is flowing in above normal flood situation with falling trend in district **Srikakulam**.

#### 2.2.2.3 Telangana

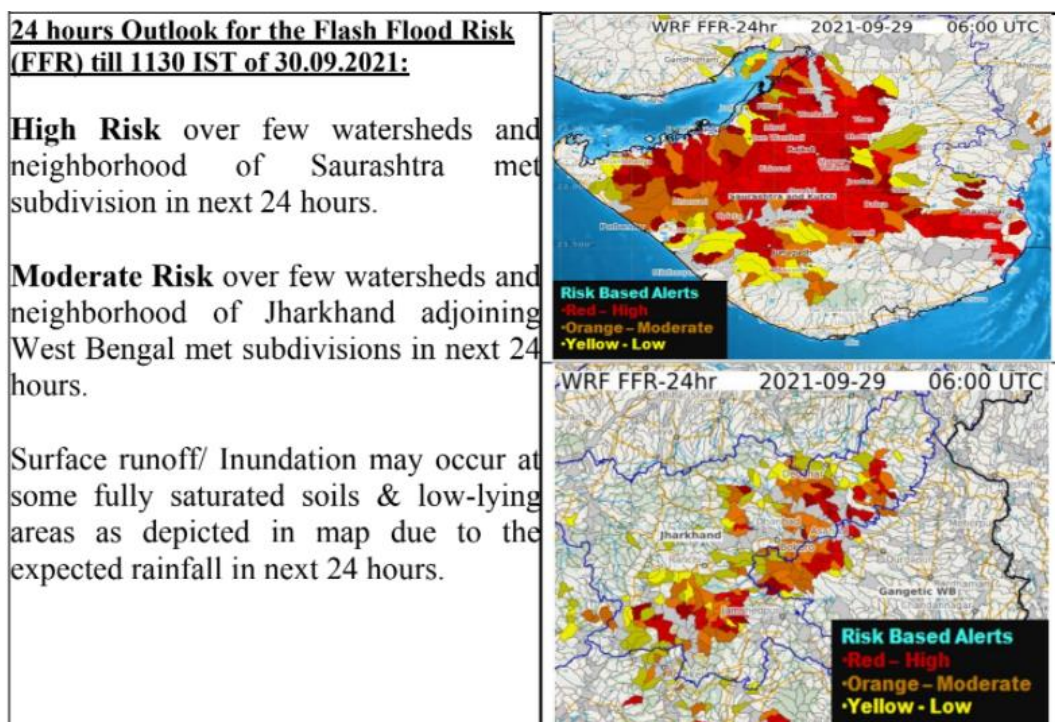
Rainfall has drastically decreased over the state. Due to increased rainfall contribution from upper regions of rivers such as Godavari, Krishna and its tributaries in Maharashtra and adjoining Karnataka, the abatement of water levels in above said rivers are not expected in next 2 days. Major storages in Godavari basin such as Singur, Nizamsagar, Sriramsagar, Kaddam, Sripadayellampalli, Nagarjunasagar, etc are presently getting increased inflows and they are having storages in the range 80 to 100%, hence, releases have to be done as per SOP after informing downstream areas. Currently river Godavari is flowing in above normal flood situation with falling trend in district **J. Bhupappally**.

#### 2.2.2.4 Maharashtra

Since the pressure system has moved past the region, there is drastic reduction in rainfall. But the runoff created due to said event is flowing down the rivers Upper Godavari & Krishna. Alert may be kept in districts **Nasik**.

## 2.3 IMD Flash Flood Guidance

IMD issues warning of high risk over few watersheds and neighborhood of Madhya Saurashtra and moderate risk over few watersheds and neighborhood of Jharkhand adjoining West Bengal in next 24 hours.





### 3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 29<sup>th</sup> September, 2021

Reservoirs shown in red are having gross storage capacity more than 90% and those in orange are having gross storage greater than 75%. 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 90%	
Storage above 75%	

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

#	Reservoir/Dams	River/Sub-Basin /Basin	State	US/ DS District	Rainfall situation				
					Day 1	Day 2	Day 3	Day 4	Day 5
1	NagarjunaSagar	Krishna/Lower Krishna/Krishna	AP	Nalgonda(Tel), Guntoor (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	Sri PadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/ JaishankarBhupalpally					
5	Sriramsagar Project	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah)/Nirmal (Tel)					
6	Kaddam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad, Nirmal/ Mancherial					
7	Singur	Manjira/Manjira/Godavari	Tel	Medak					
8	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
9	Panchet	Damodar/Damodar East/ Ganga	Jhar	Dhanbad, Jamtara (Jhar)/ Puruliya, PaschimBardhaman, Bankura (WB)					
10	Getalsud	Damodar/Damodar West/Ganga & its tributaries	Jhar	Bokaro (Jharkand)					
11	Konar	Konar/Damodar West/Ganga & its tributaries	Jhar	Hazaribagh (Jharkand)					
12	Tilaiya	Barakar/ Barakar West/Ganga & its tributaries	Jhar	Koderma (Jharkand)					
13	Maithon	Barakar/ Barakar East/Ganga	Jhar	Dhanbad, Jamtara (Jhar)/ Puruliya, PaschimBardhaman, Bankura (WB)					
14	Kabini	Kabini/Kabini/Cauvery	Kar	Wayanad (Kerala)/ Mysuru (Kar)					
15	Harangi	Harangi/Harangi/Cauvery	Kar	Kodagu/Mandya					
16	Karanja	Karanja/Manjira/Godavari	Kar	Bidar (Kar), Vikarabad(Tel)/Bidar(Kar)					
17	Almatti	Krishna/Upper Krishna/Krishna	Kar	Kolhapur(Mah)/ Bagalkote(Kar)					
18	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yaadgir					
19	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
20	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
21	Bhadra	Bhadra/UpperTungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
22	Hidkal	Ghataprabha/Ghataprabha/Krishna	Kar	Kolhapur (Mah)/ Belgaum (Kar)					
23	Malaprabha	Malaprabha/Malaprabha/Krishna	Kar	Belgaum					
24	Warana	Warana/Upper Krishna/Krishna	Mah	Kolhapur, Sangli					
25	Koyna	Koyna/ Upper Krishna/Krishna	Mah	Satara/Kolhapur, Sangli					
26	Yeldari	Purna/Purna/Godavari	Mah	Parbhani, Hingoli					
27	Isapur	Penganga/Penganga/Godavari	Mah	Hingoli, Yavatmal/Yavatmal,Nanded					
28	Manjlegaon	Sindhphana/Middle Godavari/Godavari	Mah	Bid/Parbhani					
29	Upper WardhaProj	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
30	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
31	Ujjani	Bhima/Upper Bhima/Krishna	Mah	Pune, Solapur					
32	Mula	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
33	Totladoh	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					

34	Jaikwadi	Godavari/Upper Godavari/Godavari	Mah	Aurangabad, Ahmadnagar/Bid, Jalna					
35	Parwati	Parbati/Kalisindh/Upper Chambal	Raj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)					
36	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
37	Panchana	Gambhiri/Upper Chambal/Ganga	Raj	Karauli					
38	Gudha	Mejchambal/UpperChambal/Ganga	Raj	Bhilwara/Bundi					
39	Kalisindh	Kalisindh/Upper Chambal/Ganga	Raj	Jhalawar, Kota					
40	MahiBajajsagar	Mahi/Mahi B/Mahi	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					
41	SomKamlaAmba	Mahi/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
42	Gambhiri	Gambhiri/Upper Chambal/Ganga	Raj	Chittorgarh					
43	Gandhi Sagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
44	Bargi	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
45	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
46	Barna	Barna/Middle Narmada/Narmada	MP	Raisen(MP)					
47	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
48	Bansagar Dam	Sone./Sone/Ganga	MP	Katni, Umaria, Shahdol, Satna/ Rewa, Sidhi					
49	Upper Wainganga (Sanjay Sarovar)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
50	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri (TN), Coimbatore (TN)/ Erode (TN)					
51	Rengali	Brahmani River/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Deogarh/Angul, Dhenkanal					
52	Hirakud	Mahanadi River/Upper Mahanadi/Mahanadi	Odisha	JanjgirChampa, Raigarh(Chsgrh), Jharsuguda, Bargarh, Sambalpur(Odisha)/Subarnapur, Baudh, Anugul (Odisha)					
53	Nizamsagar	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
54	Ukai	Tapi/Lower Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
55	Madhuban	Damanganga/Damanganga/West Flowing Rivers from Tapi to Tadri	Guj	Valsad (Guj)/Selvasa (UT of DNH)					
56	Kadana	Mahi/Mahi B/Mahi	Guj	Banswara(Raj)/ MahiSagar, PanchMahal( Guj)					
57	Edamalayar	Upper Periyar/Periyar/Periyar	Ker	Coimbatore/Ernakulam					
58	Idukki	Periyar/Upper Periyar/West Flowing Rivers from Tadri to Kanyakumari	Ker	Idduki/Ernakulam					
59	Bango	Hasdeo/Upper Mahanadi/Mahanadi	Chtgrh	Koriya,Korba/JanjgirChampa					

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.