



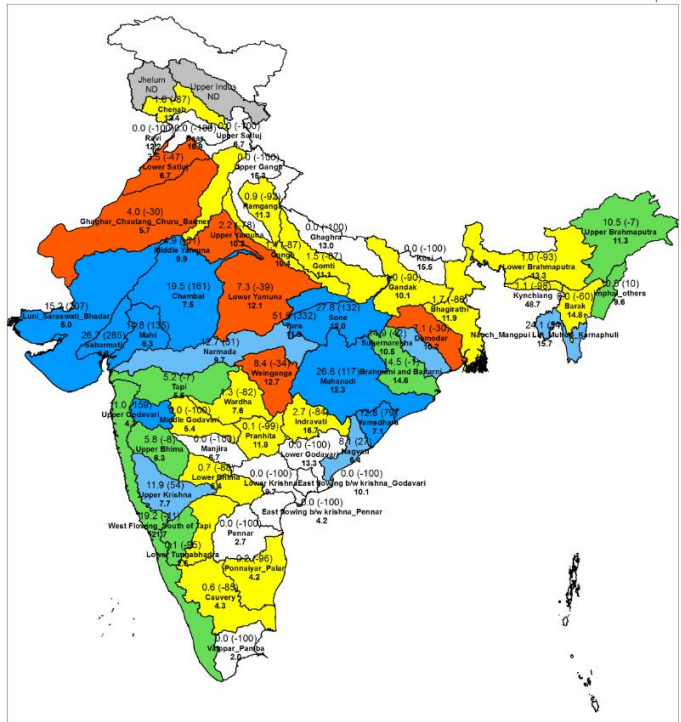
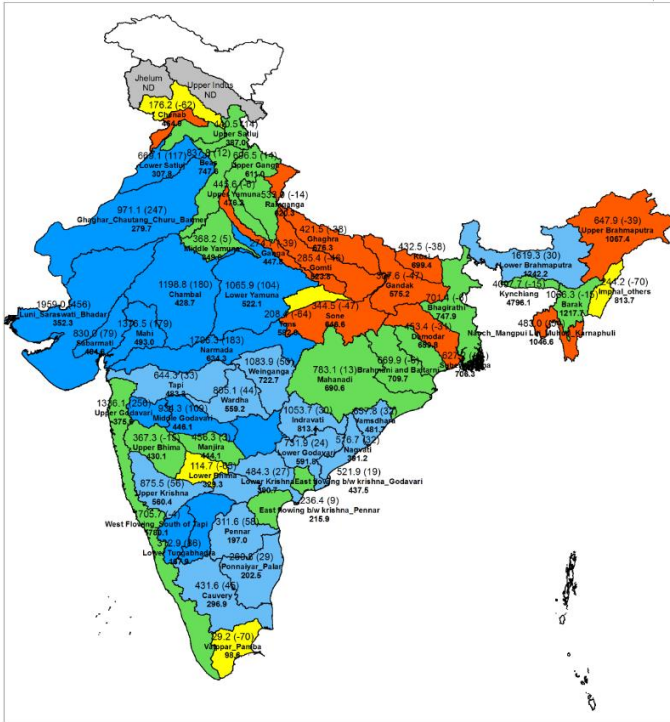
**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**13-08-2022**

**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 13-08-2022

**RIVER BASIN RAINFALL MAP : INDIA**  
 Date :13-08-2022

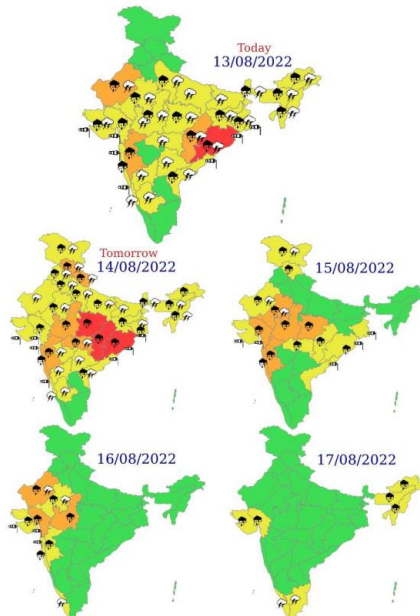


<span style="background-color: #0070C0; color: white; padding: 2px;">Large Excess</span> [60% or more]	<span style="background-color: #ADD8E6; color: white; padding: 2px;">Excess</span> [20% to 59%]	<span style="background-color: #90EE90; color: white; padding: 2px;">Normal</span> [-19% to 19%]	<span style="background-color: #FF0000; color: white; padding: 2px;">Deficient</span> [-59% to -20%]	<span style="background-color: #FFFF00; color: white; padding: 2px;">Large Deficient</span> [-99% to -60%]	<span style="background-color: #A9A9A9; color: white; padding: 2px;">No Data</span> [-100%]	<span style="background-color: #FFFFFF; color: black; padding: 2px;">No Rain</span>
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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> August 2022 (Midday) by IMD**

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



- i) Isolated very heavy rainfall over Chhattisgarh on 13th; Madhya Maharashtra on 13th & 14th; East Rajasthan & East Madhya Pradesh on 15th; Himachal Pradesh, Uttarakhand & Vidarbha on 14th; Konkan & Goa on 14th & 15th; West Madhya Pradesh on 14th & 16th and over Gujarat Region on 15th & 16th and over West Rajasthan on 13th & 16th August, 2022.
- ii) Isolated extremely heavy rainfall over Odisha on 13th & 14th; East Madhya Pradesh & Chhattisgarh on 14th; Madhya Maharashtra and over West Madhya Pradesh on 15th August, 2022.

## 2.0 Flood Situation and Advisories

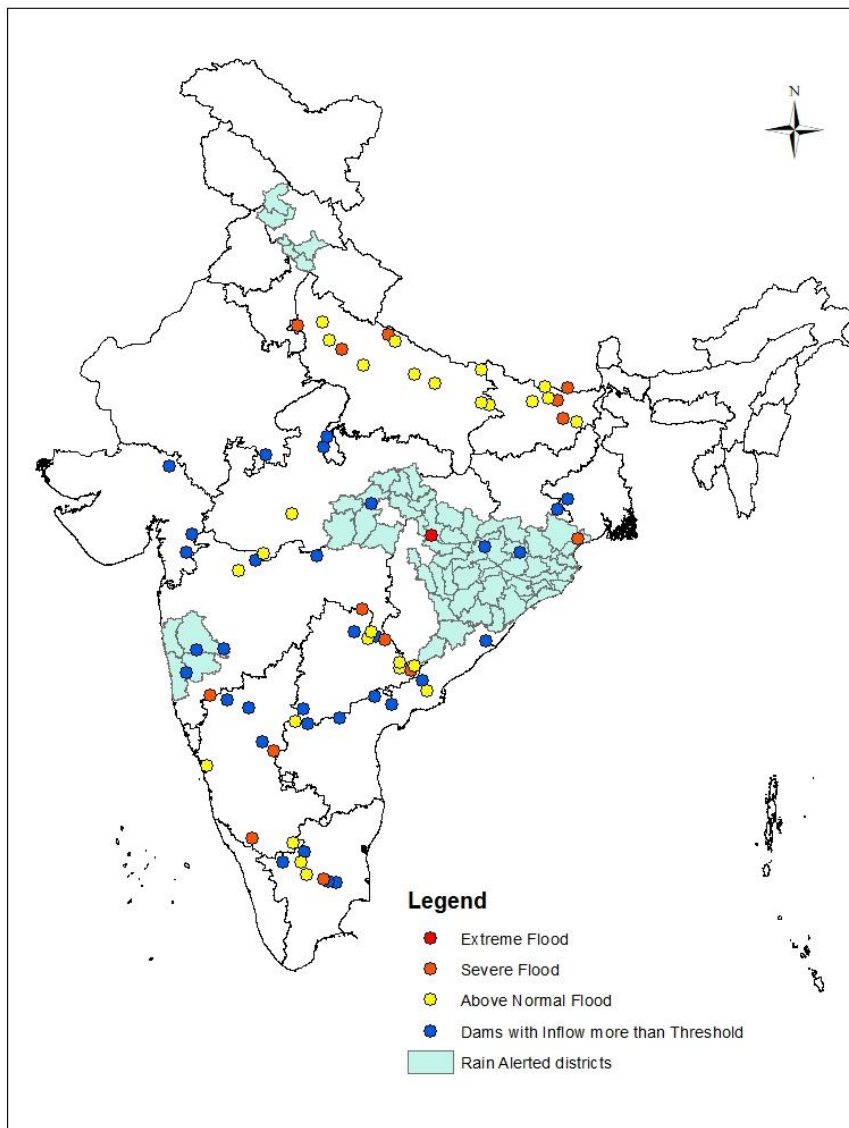
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 13<sup>th</sup> August 2022, 8 stations (2 in Bihar & Odisha and 1 each in Uttar Pradesh, Telangana, Delhi & Andhra Pradesh) are flowing in Severe Flood Situation, 22 stations (6 each in Bihar & Uttar Pradesh, 4 in Telangana, 3 in Andhra Pradesh 2 in Tamil Nadu and 1 in Rajasthan) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 43 Barrage & Dams (12 in Karnataka, 5 in Maharashtra & Andhra Pradesh, 4 in Telangana & Tamilnadu, 3 in Madhya Pradesh & Gujarat, 2 in Odisha & Uttar Pradesh, and 1 each in Jharkhand, Rajasthan & West Bengal).

FLOOD SITUATION SUMMARY		
<b>PART - I: LEVEL FORECAST</b>		
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>8</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>22</b>
Total number of sites above Warning Level ( A+B+C)		<b>30</b>
<b>PART - II: INFLOW FORECAST</b>		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		<b>43</b>

Details are given at link: [http://cwc.gov.in/sites/default/files/cfrcwcdfb13-08-2022-2\\_3.pdf](http://cwc.gov.in/sites/default/files/cfrcwcdfb13-08-2022-2_3.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

### Odisha

Alert for water level rise may be kept in rivers, Mahanadi (**Jagatsinghapur, Pulbani, Cuttack, Bargarh, Sambalpur, Angul, Sonepur, Boudh, Nuapada, Bolangir, Kalahandi, Jharsuguda, Sundargarh, Kandhamal, Puri, Khurda and Nayagarh**), Brahmani & Baitarni (**Balsore, Mayurbhanj, Bhadrak, Keonjhar, Sundargarh, Sambalpur, Deograh, Angul, Jajpur, Kendrapara, Dhenkanal** dists.), Burhabalanga (**Myurbhanj, Balosore** dists.), Subarnarekha (**Balosore, Mayurbhanj** dist.), Indravathi (**Nawranpur, Koraput, Rayagada** dists.), Nagavalli (**Rayagarh, Kalahandi, Koraput**, dist.), Vamsadhara (**Rayagarh, Gajapati, Phulbani** dists.), Rushikulya (**Ganjam, Gajapati, Phunlbani** dist.), Kolab (**Koraput, Malkangiri** dists.) and their tributaries in above said districts. Since Odisha 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 more. Currently at CWC site Mathani Road Bridge on river Jalka in Subarnarekha basin in Baleshwar district is flowing in severe flood situation with steady trend

District	CWC Site	River	Flood Situation	Water level Trend
Baleshwar	Mathani Rd Bridge	Jalka (Subarnarekha basin)	Severe	Steady
Bhadrak	Akhuapada	Baitarni	Severe	Rising

### Madhya Pradesh

Alert for water level rise may be kept river Narmada in **Dindori, Jabalpur, Katni, Annupur, Narasingpur, Khargone, Jabalpur, Dewas** dists., river Wainganga in **Balaghat, Seoni, Chhindwara, Mandla** dists., river Son in **Umaria, Katni** district. At CWC site Burhanpur in **Rajgarh** district, river Tapi is flowing in severe flood situation with falling trend.

Alert for water level rise may be kept in rivers Chambal basin rivers in **Dhar, Ujjain, Sehore, Dewas** dists., river Narmada in **Sehore, Dhar, Khargone, Dewas, Harda and Narmadapuram** dists., river Mahi in **Dhar** dist., river Tapi in **Burhanpur, Khargone, Barwani, Betul** dists., river Wainganga in **Balaghat, Seoni, Chhindwara, Mandla** dists., river Ken and Betwa in **Sagar** dist., river Ken in **Damoh, Panna** dists., river Son in **Umaria, Katni** districts.

District	CWC Site	River	Flood Situation	Water level Trend
Sidhi	Kuldah Bridge	Sone (Ganga basin)	Above Normal	Rising
Mandla	Mandla	Narmada	Above Normal	Steady
Burhanpur	Burhanpur	Tapi	Above Normal	Falling

### Himachal Pradesh

Alert for water level rise may be kept in rivers Satuj, Tons, Beas and its tributaries in districts **Champa, Kangra, Mandi, Solan, Shimla and Sirmaur** districts.

### Maharashtra

Alert for water level rise may be kept in rivers of upper Krishna in **Satara** district, river of upper Bhima basins in **Pune** district.

## Telangana

Due to propagation of flood wave raised in Maharashtra and Chattisgarh downstream lower Godavari in Telangana is affected by flood situation in **Mulugu, Bhadradri, Bhupalpally and Komaram Bheem** districts and is expected to continue for next two days. Flood Situation in the state as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Komaram Bheem	Sirpur	Wardha (Godavari basin)	Severe	Falling
Bhupalpally	Kaleswaram	Godavari	Above Normal	Rising
Mulugu	Etrunagaram	Godavari	Above Normal	Falling
Bhadradri	Bhadrachalam	Godavari	Above Normal	Falling
Bhadradri	Dummugudem	Godavari	Above Normal	Falling

## Andhra Pradesh

Due to propagation of flood wave raised in Maharashtra and Chattisgarh, down stream lower Godavari in **Alluri Sitharama Raju and East Godavari districts** are having severe to above normal flood situation. Flood situation in the state as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Alluri Sitarama Raju	Kunavaram	Godavari	Severe	Falling
East Godavari	Dowlaiswaram	Godavari	Above Normal	Falling

## Chhattisgarh

In rivers of Mahanadi basin alert for water level rise may be kept in **Bilaspur, Mungeli, Janjgir, Balodabazar & Mahasamund** districts. At CWC site Maniari on river Maniari in Mahanadi basin in **Mungeli** district is flowing in extreme Flood Situation with falling trend

## Delhi

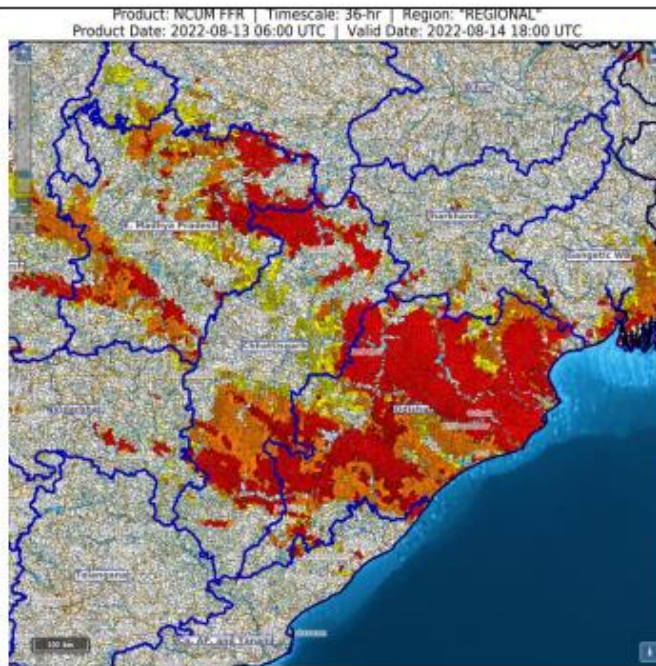
CWC site Delhi Railway Bridge on river Yamuna in **North Delhi** district is in severe flood situation with Falling trend.

**36 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 14.08.2022:**

**Moderate to High** Flash Flood Risk over Odisha and Chhattisgarh Met Sub-divisions likely in next 36 hours.

**Moderate** Flash Flood Risk over East Madhya Pradesh Met Sub-division likely in next 36 hours.

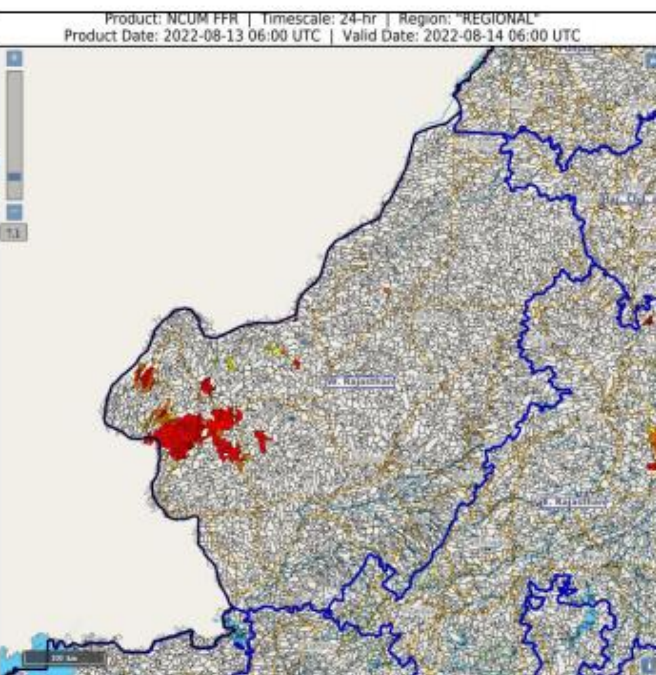
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as depicted in map due to persistent rainfall in next 36 hours.



**24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 14.08.2022:**

**Moderate** Flash Flood Risk over Southwest Rajasthan Met Sub-division 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	14-08-2022	15-08-2022	16-08-2022	17-08-2022	18-08-2022
1	MANDLA	NARMADA	Mandla	Madhya Pradesh	N	N	E	E	AN
2	BHADRACHALAM	GODAVARI	BHADRADRI KOTHAGUDEM	TELANGANA	AN	AN	AN	S	S
3	JAGDALPUR	INDRAVATHI	BASTAR	CHHATTISGARH	N	S	S	N	N
4	KUNAVARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	S	S	S	S	S
5	SIRPUR_TOWN	WARDHA	ADILABAD	TELANGANA	S	AN	AN	AN	AN
6	CHINTURU	SABARI	EAST GODAVARI	ANDHRA PRADESH	AN	N	AN	S	S
7	BALTARA	KOSI	Khagaria	Bihar	S	S	S	S	S
8	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
9	BENIBAD	BAGMATI	Muzaffarpur	Bihar	AN	AN	AN	AN	S
10	DELHI_RLY_BRG	YAMUNA	North	NCT of Delhi	S	S	AN	AN	AN
11	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	S	S	S
12	NUMALIGARH	DHANSARI	Golaghat	Assam	N	AN	S	S	AN
13	MUSIRI	CAUVERY	Tiruchirappalli	Tamil Nadu	S	S	S	AN	AN
14	AKHUAPADA	BAITRANI	Jajapur	Odisha	S	S	S	S	AN
15	KASHINAGAR	VAMSADHARA	Srikakulam	Andhra Pradesh	AN	S	AN	AN	AN
16	MATHANIRB	JAMIRA	Baleshwar	Odisha	S	S	S	S	S
17	BAMNI_(BALHARSHA)	WARDHA	CHANDRAPUR	MAHARASHTRA	AN	N	N	N	N
18	DUMMUGUDEM	GODAVARI	BHADRADRI KOTHAGUDEM	TELANGANA	AN	AN	AN	AN	AN
19	ETURUNAGARAM	GODAVARI	MULUGU	TELANGANA	AN	AN	AN	AN	AN
20	KALESWARAM	GODAVARI	BHUPALPALLY	TELANGANA	AN	AN	AN	AN	AN
21	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	AN	AN	AN	AN	AN
22	AYODHYA	GHAGRA	Faizabad	Uttar Pradesh	AN	AN	AN	AN	AN
23	DARAU LI	GHAGRA	Siwan	Bihar	AN	AN	AN	AN	AN
24	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	N	N	N	N	AN
25	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	AN	AN	AN	AN	AN
26	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	AN	AN	AN	AN
27	GARHMUKTESHWAR	GANGA	Jyotiba Phule Nagar	Uttar Pradesh	AN	N	N	N	N

28	JHANJHARPUR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
29	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	AN	AN	AN	N
30	KURSELA	KOSI	Katihar	Bihar	AN	AN	AN	AN	AN
31	SRINAGAR	ALAKNANDA	Garhwal	Uttarakhand	N	N	AN	N	N
32	TURTIPAR	GHAGARA	Ballia	Uttar Pradesh	AN	AN	AN	AN	AN
33	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	AN	AN
34	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	N	N	AN
35	JAINAGAR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
36	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	N	AN	AN	AN	AN
37	DHOLPUR	CHAMBAL	Dholpur	Rajasthan	AN	N	N	N	AN
38	BADATIGHAT	SUBANSARI	Lakhimpur	Assam	N	AN	AN	N	N
39	BEKI_NH_CROSSING	BEKI	Barpeta	Assam	AN	AN	AN	AN	AN
40	DIBRUGARH	BHRAMPUTRA	Dhemaji	Assam	N	AN	AN	AN	AN
41	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	N	AN	AN	AN	AN
42	NEAMATIGHAT	BHRAMPUTRA	Jorhat	Assam	N	N	N	AN	AN
43	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	N	AN	AN	AN	AN
44	NH_X_RANGANADI	RANGANADI	Lakhimpur	Assam	N	N	N	AN	AN
45	KODUMUDI	CAUVERY	Erode	Tamil Nadu	AN	AN	AN	N	N
46	ANANDPUR	BAITRANI	Kendujhar	Odisha	N	N	AN	N	N
47	MANTRALAYAM	TUNGABHADRA	Kurnool	Andhra Pradesh	AN	AN	AN	N	N
48	ARARIA	PARMAN	Araria	Bihar	N	N	N	N	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 13<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 (Ker)/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	Ravi Shankar	Mahanadhi/Upper Mahanadi/Mahanadi	Chhatt	Kanker/Gariaband					
37	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri(TN), Coimbatore (TN)/ Erode (TN)					
38	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
39	Vaigai	Vaigai/Upper Vaigai/East flowing rivers South of Cauvery Basin	TN	Theni/Madurai					

40	36	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Dharmapuri, Tiruvannamalai/Villupuram, Cuddalore					
41	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
42	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
43	Gudha	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
44	Parwati	Parbati/ Kalisindh/Upper Chambal	Raj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)					
45	Gandhisagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
46	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
47	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
48	Barna	Barna/Middle Narmada/Narmada	MP	Raisen/Hoshangabad,Narsinghpur					
49	Indira Sagar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
50	Upper Wainganga	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
51	Ravishankar	Mahanadi/Upper Mahanadi/Mahanadi	Chattisg	Kanker/Dhamtari, Raipur					
52	Sardar Sarovar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	Guj	Nrmada( Guj), Nadurbar( MP)/Narmada, Vadodra, Bharuch (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.