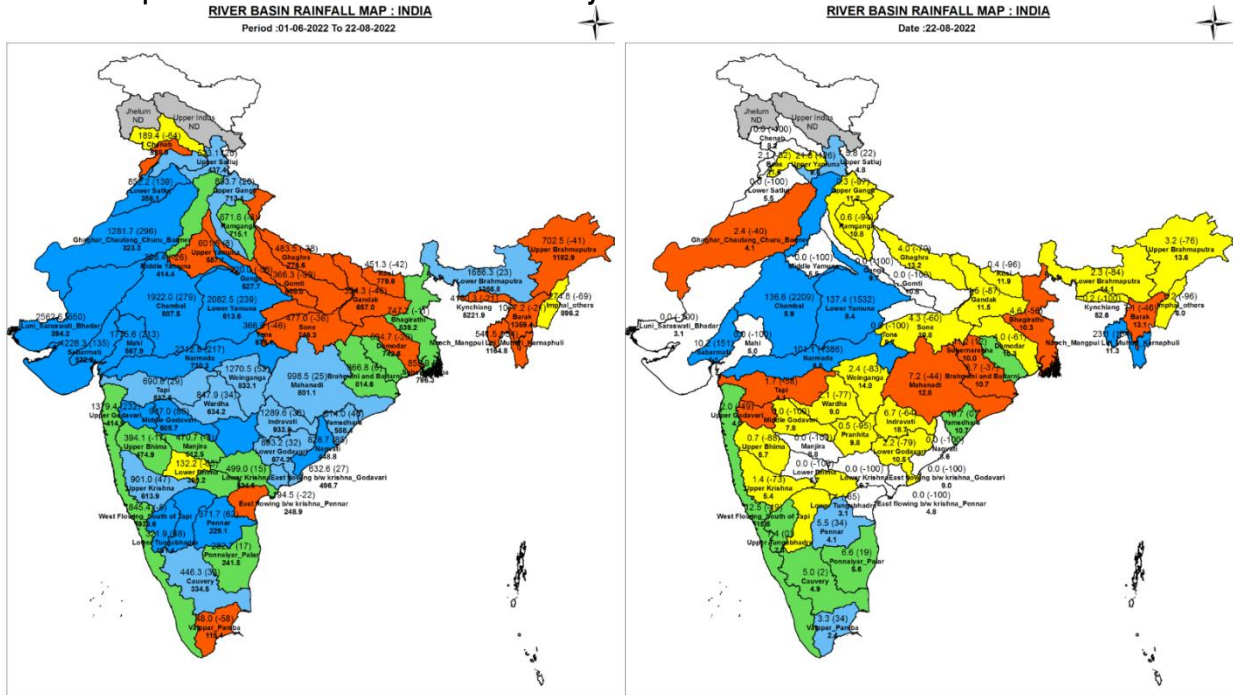




**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**22-08-2022**

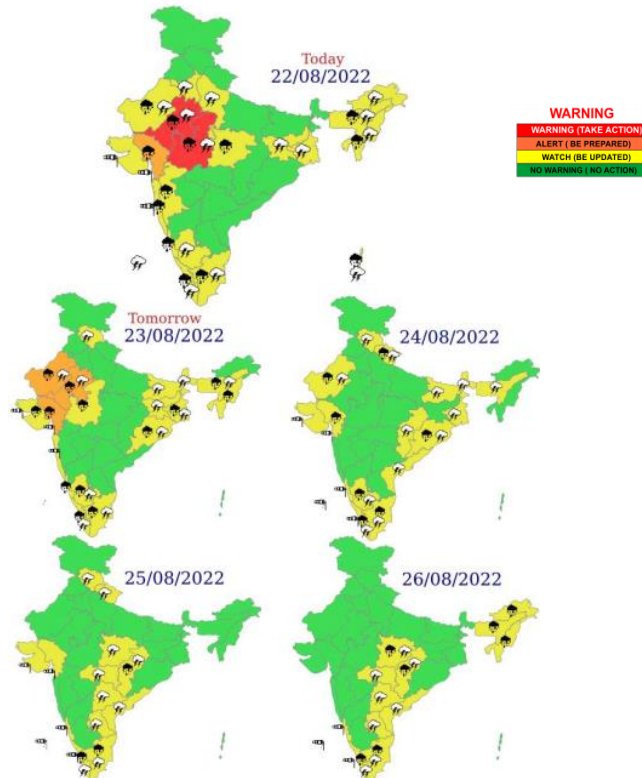
**1.0 Rainfall Situation**

**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 22nd August 2022 (Midday) by IMD**



- i) Isolated extremely heavy rainfall over West Madhya Pradesh and East Rajasthan on 22nd August, 2022.
- ii) Isolated very heavy rainfall over northern parts of Gujarat Region on 22nd & 23rd; Rajasthan on 23rd August, 2022.

## 2.0 Flood Situation and Advisories

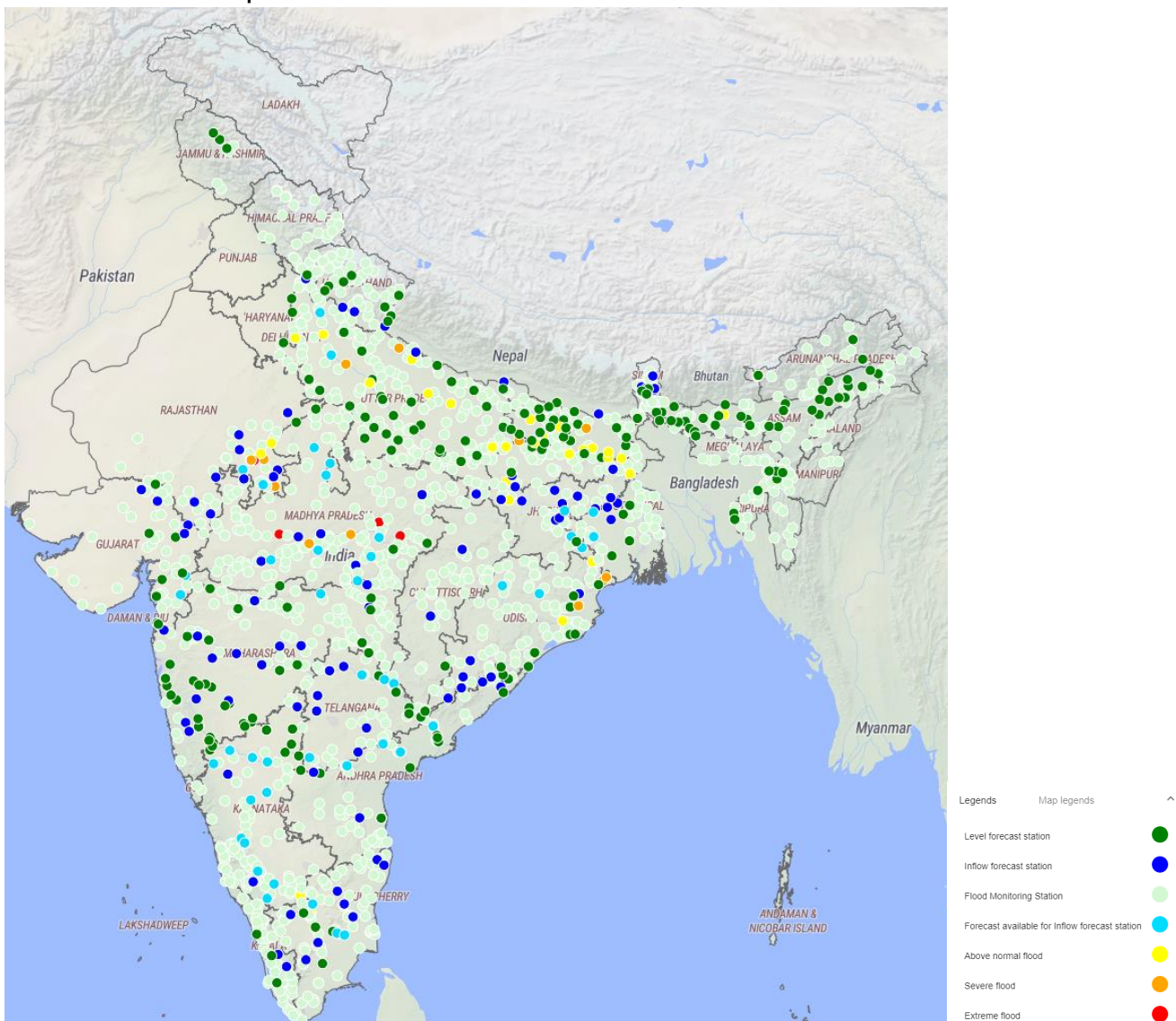
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 22nd August 2022, 08 stations (3 in Odisha, 2 each in Uttar Pradesh & Bihar and 1 in Rajasthan) are flowing in Severe Flood Situation, 19 stations (11 in Bihar, 5 in Uttar Pradesh, 1 each in Jharkhand, Madhya Pradesh & Odisha) are flowing in Above Normal Flood Situation). Inflow Forecast has been issued for 43 Barrage & Dams (11 in Karnataka, 6 in Madhya Pradesh, 3 each in Uttar Pradesh, Tamilnadu & Telangana, 2 each in Maharashtra & Odisha, 1 each in Rajasthan & West Bengal).

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)	<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>19</b>
Total number of sites above Warning Level ( A+B+C)		<b>27</b>
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)		<b>43</b>

Details are given at link: [http://www.cwc.gov.in/sites/default/files/cfcrcwcdfb22-08-2022\\_5.pdf](http://www.cwc.gov.in/sites/default/files/cfcrcwcdfb22-08-2022_5.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

### Madhya Pradesh

Extremely heavy rainfall with thunderstorms is expected over West Madhya Pradesh on 22nd August, 2022. The flood situation existing in state as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Dindori	Silgi	Narmada	Extreme	Rising
Katni	Vijay Raghavgarh	Tons	Extreme	Falling
Mandla	Mandla	Narmada	Above Normal	Falling

Hence, alert for water level rise may be kept in all above said rivers and its tributaries in the state. High inflow of rivers Sone, Tons, etc after confluence will contribute to rise in water level of Ganga and may lead to severe flooding situation (above danger level).

Major dams with more than 70% storage is listed below. The dams may be operated as per SOP and releases may be done after informing lower riparian areas.

S. No.	Reservoir Name	District	% Live Storage	S.No.	Reservoir Name	District	% Live Storage
1	Madikheda Dam	Shivpuri	91	15	Mahuar Dam	Shivpuri	98
2	Bansujara Major Project	Tikamgarh	87	16	Matiyari Dam	Mandla	82
3	Barna Dam	Raisen	86	17	Pagra Tank (Feeder)	Sagar	84
4	Bawanthadi (Rajiv Sagar)	Balaghat	78	18	Parasdoh Tank	Betul	84
5	Sukta Tank	Khandwa	92	19	Pench Diversion	Chindwara	84
6	Datuni Medium Tank	Dewas	100	20	Rani Awanti Bai Sagar (Bargi)	Jabalpur	91
7	Dejla Dewda Tank	Khargone	100	21	Gopikrishn Sagar	Guna	100
8	Dholawad Tank	Ratlam	78	22	Sagad Dam	Vidisha	86
9	Gandhisagar Dam	Mandsaure	84	23	Samrat Ashok Sagar (Halali)	Vidisha	100
10	Harsi Dam	Gwalior	78	24	Sanjay Sagar(Bah) Project	Vidisha	97
11	Indira Sagar Project	Khandwa	89	25	Wainganga (Sanjay Sarovar)	Seoni	77
12	Kaketo Dam	Gwalior	94	26	Tawa Dam	Hoshangabad	90
13	Kolar Dam	Sehore	89	27	Thanwar Dam	Mandla	86
14	Kotwal Tank	Morena	87				

### Rajasthan

Extremely heavy rainfall is expected over East Rajasthan on 22nd August, 2022 and very heavy rainfall is expected over entire Rajasthan on 23rd August, 2022. High flows are expected mainly in Chambal, Mahi, Som, Banas & Sabarmati Basins in next 2 to 3 days. Alert for water level rise may be kept in river Banas in **Sawai Madhopur, Chittorgarh and Tonk** dists., river Chambal in **Bundi, Kota, Baran, Jhalawar** districts, river Mahi & Som in **Dungarpur, Banswada** districts, river Sabarmati in **Udaipur** district. The flood situation existing in state as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Kota	Borkhandi	Chandralohi	Extreme	Rising
Kota	Kota City	Chambal	Severe	Rising

High inflow of rivers Chambal, Ken, Betwa, etc and their tributaries after confluence will contribute to rise in water level of Yamuna & Ganga and may lead to severe flooding situation (above danger level).

### Gujarat

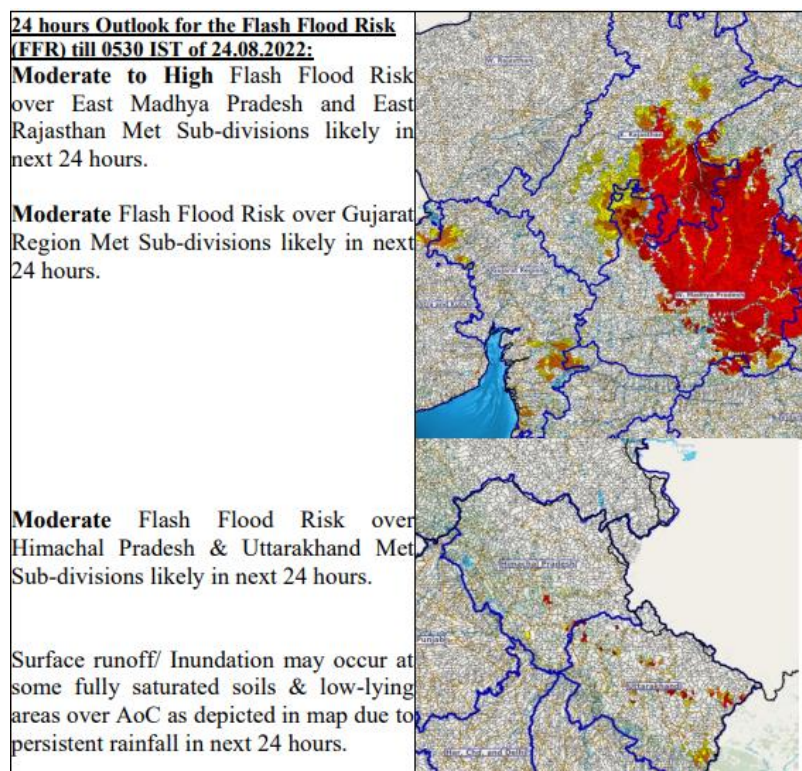
As the upper part of rivers such as Tapi, Narmada, Mahi & Sabarmati are expected to get very heavy rains on 22nd & 23rd August 2022, alert for water level rise may be kept in Gujarat part of these rivers. Sardar Sarovar and Ukai dam may be operated as per SOP and releases may be done after informing lower riparian areas.

### Odisha

Although the depression has passed through Odisha, but rivers in coastal parts of the state are flowing in severe to above normal flood situation. The flood situation existing in state as per CWC network is as given below:

District	CWC Site	River	Flood Situation	Water level Trend
Bhadrak	Akhuapada	Baitarni	Severe	Falling
Baleshwar	Rajghat	Subarnarekha	Severe	Falling
Baleshwar	Mathani Rd Bridge	Jalka (Subarnarekha basin)	Severe	Steady
Mayurbhanj	Jamsholaghat	Subernarekha	Severe	Falling
Cuttack	Naraj	Mahanadi	Above Normal	Falling

## 2.3. Flash Flood Guidance



### 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	23-08-2022	24-08-2022	25-08-2022	26-08-2022	27-08-2022
1	HAMIRPUR	YAMUNA	Kanpur Nagar	Uttar Pradesh	N	S	S	S	S
2	KALPI	YAMUNA	Jalaun	Uttar Pradesh	N	S	S	S	S
3	PHAPHAMAU	GANGA	Allahabad	Uttar Pradesh	N	S	S	S	S
4	SHAHIJINA	BETWA	Hamirpur	Uttar Pradesh	AN	S	S	S	AN
5	RAJGHAT	SUBARNAREKHA	Baleshwar	Odisha	S	S	S	S	S
6	MATHANIRB	JAMIRA	Baleshwar	Odisha	S	S	S	S	S
7	ALLAHABAD	GANGA	Allahabad	Uttar Pradesh	N	AN	S	S	S
8	AURAIYA	YAMUNA	Jalaun	Uttar Pradesh	N	S	S	S	N
9	BALLIA	GANGA	Ballia	Uttar Pradesh	S	S	S	S	S
10	BANDA	KEN	Banda	Uttar Pradesh	S	N	N	N	N
11	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
12	BENIBAD	BAGMATI	Muzaffarpur	Bihar	AN	AN	S	S	S
13	BUXAR	GANGA	Buxar	Bihar	AN	N	N	S	S
14	CHILLAGHAT	YAMUNA	Fatehpur	Uttar Pradesh	N	S	S	S	S
15	DIGHAGHAT	GANGA	Patna	Bihar	AN	AN	AN	AN	S
16	ETAWAH	YAMUNA	Etawah	Uttar Pradesh	N	S	S	AN	N
17	GHAZIPUR	GANGA	Ghazipur	Uttar Pradesh	AN	N	S	S	S
18	HATHIDAH	GANGA	Patna	Bihar	S	S	S	S	S
19	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	S	S	S
20	KAHALGAON	GANGA	Bhagalpur	Bihar	AN	S	S	S	S
21	KHAGARIA	BURHI GANDAK	Khagaria	Bihar	AN	S	S	AN	S
22	KURSELA	KOSI	Katihar	Bihar	AN	AN	S	S	S
23	MANER	SONE	Bhojpur	Bihar	AN	AN	AN	AN	S
24	MIRZAPUR	GANGA	Mirzapur	Uttar Pradesh	N	N	S	S	S
25	NAINI	YAMUNA	Allahabad	Uttar Pradesh	N	S	S	S	S
26	PATNAGANDHIGHAT	GANGA	Patna	Bihar	S	S	S	S	S
27	VARANASI	GANGA	Varanasi	Uttar Pradesh	N	N	S	S	S
28	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	AN	S	S
29	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	N	AN	AN	S	S
30	KOTA_CITY	CHAMBAL	kota	Rajasthan	S	S	S	AN	AN
31	DHOLPUR	CHAMBAL	Dholpur	Rajasthan	S	S	S	S	N

32	AKHUAPADA	BAITRANI	Jajapur	Odisha	S	S	S	S	S
33	MANDLA	NARMADA	Mandla	Madhya Pradesh	S	N	N	N	N
34	HOSHANGABAD	NARMADA	Hoshangabad	Madhya Pradesh	S	S	N	N	N
35	KASHINAGAR	VAMSADHARA	Srikakulam	Andhra Pradesh	S	N	AN	AN	N
36	NARAJ	MAHANADI	Cuttack	Odisha	AN	AN	AN	AN	AN
37	JAGDALPUR	INDRAVATHI	BASTAR	CHHATTISGARH	N	N	N	N	AN
38	AYODHYA	GHAGRA	Faizabad	Uttar Pradesh	AN	AN	AN	N	N
39	BALTARA	KOSI	Khagaria	Bihar	AN	AN	AN	AN	AN
40	BHAGALPUR	GANGA	Bhagalpur	Bihar	AN	AN	AN	AN	AN
41	DELHI_RLY_BRG	YAMUNA	North	NCT of Delhi	N	N	AN	AN	AN
42	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	N	N	AN	AN	AN
43	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	AN	AN	AN	AN	AN
44	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	AN	AN	N	N
45	GARHMUKTESHWAR	GANGA	Jyotiba Phule Nagar	Uttar Pradesh	AN	AN	AN	AN	AN
46	HAJIPUR	GANDAK	Saran (chhapra)	Bihar	N	N	N	N	AN
47	JHANJHARPUR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
48	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	AN	AN	AN	AN
49	MOHANA	BETWA	Bulandshahr	Uttar Pradesh	AN	AN	N	N	N
50	SAHIBGANJ	GANGA	Sahibganj	Jharkhand	AN	AN	AN	AN	AN
51	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	N	AN	AN	AN	AN
52	JAINAGAR	KAMLA	Madhubani	Bihar	AN	AN	AN	AN	AN
53	BEKI_NH_CROSSING	BEKI	Barpeta	Assam	AN	AN	AN	AN	AN
54	KHOWANG	BURIDEHING	Dibrugarh	Assam	N	N	N	AN	AN
55	DIBRUGARH	BHRAMPUTRA	Dhemaji	Assam	N	N	N	AN	AN
56	NUMALIGARH	DHANSARI	Golaghat	Assam	N	N	AN	AN	AN
57	NH_X_RANGANADI	RANGANADI	Lakhimpur	Assam	N	N	N	N	AN
58	ANANDPUR	BAITRANI	Kendujhar	Odisha	N	N	N	AN	AN
59	JAMSHEDPUR	SUBARNAREKHA	Purbi Singhbhum	Jharkhand	N	N	N	AN	AN
60	SRIKAKULAM	NAGAVALLI	Srikakulam	Andhra Pradesh	AN	N	N	AN	AN
61	ARARIA	PARMAN	Araria	Bihar	N	AN	AN	AN	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 22nd August 2022

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	Upper Indravathi	Indravati/Indravati/Godavari	Odisha	Kalahandi,Nabarangpur, Koraput/Norangpur(Odisha), Bastra(Chsgrh)					
37	Bango	Hasdeo/Upper Mahanadi/Mahanadi	Chhattis	Gurguja/Korea, Korba					
38	Ravi Shankar	Mahanadhi/Upper Mahanadi/Mahanadi	Chhatt	Kanker/Gariaband					
39	Bhavanisagar	Bhavani/Middle Cauvery/Cauvery	TN	Palakad (Kerala), Nilgiri(TN), Coimbatore (TN)/ Erode (TN)					

40	Mettur	Cauvery/Middle Cauvery/Cauvery	TN	Dharmapuri, Salem/Erode, Namakkal					
41	Vaigai	Vaigai/Upper Vaigai/East flowing rivers South of Cauvery Basin	TN	Theni/Madurai					
42	Sathanur Dam	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Dharmapuri, Tiruvannamalai/Villupuram, Cuddalore					
43	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
44	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
45	Gudha	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
46	Parwati	Parbati/ Kalisindh/Upper Chambal	Raj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)					
47	Mahi Bajajsagar	Mahi/ Upper Mahi/Mahi Basin	Raj	Ratlam(MP)/Banswara, Pratappgarh,Dungapur (Raj)					
48	Gambhiri	Gambhiri/Upper Chambal/Ganga	Raj	Chittorgarh					
49	Gandhisagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
50	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
51	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
52	Barna	Barna/Middle Narmada/Narmada	MP	Raisen/Hoshangabad,Narsinghpur					
53	Indira Sagar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
54	Upper Wainganga	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
55	Sardar Sarovar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	Guj	Narmada( Guj), Nadurbar( MP)/Narmada, Vadodra, Bharuch (Guj)					
56	Kadana Dam	Mahi/Middle Mahi/Mahi Basin	Guj	Banswara (Raj)/Mahisagar,Panchmahals(Guj)					
57	Dharoi Dam	Sabarmati /Middle Sabarmati/Sabarmati Basin	Guj	Sabarkantha/Mehsana (Guj)					
58	Dantiwada	Banas/Banas A/West Flowing Rivers of Kutch and Saurashtra including Luni	Guj	Sirohi (Raj), Banaskanta(Guj)/Patan(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.