



Central Water Commission
Daily Flood Situation Report cum Advisories
03-08-2022

1.0 Rainfall Situation

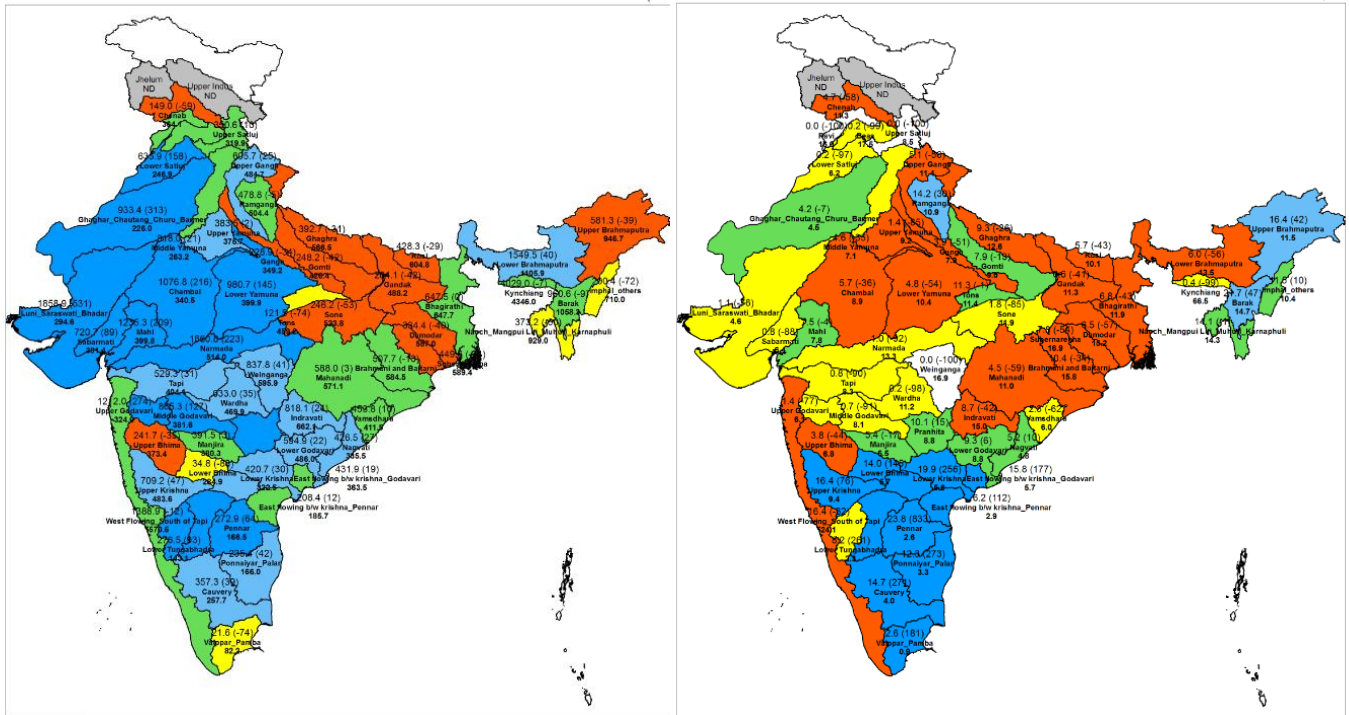
1.1 Basin wise departure from normal of cumulative and daily rainfall

RIVER BASIN RAINFALL MAP : INDIA

Period :01-06-2022 To 03-08-2022

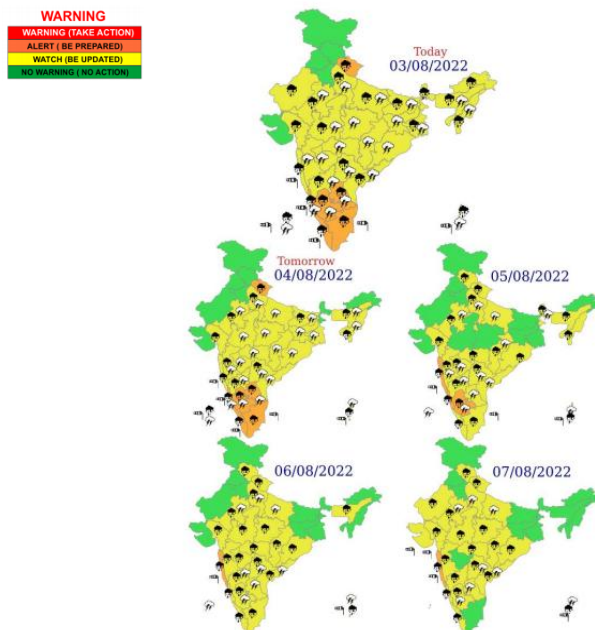
RIVER BASIN RAINFALL MAP : INDIA

Date :03-08-2022



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

1.2 Rainfall forecast for next 5 days issued on 03rd August 2022 (Midday) by IMD



- Isolated extremely heavy rainfall over ghat areas of Tamil Nadu on 03rd & 04th and over Coastal & South Interior Karnataka on 04th & 05th August, 2022.
- Isolated very heavy rainfall over Rayalaseema on 03rd & 04th; Coastal & South Interior Karnataka on 03rd & 06th; North Interior Karnataka on 04th & 05th; Kerala & Mahe during 03rd & 05th; ghat areas of Tamil Nadu on 05th and over Telangana on 03rd, 06th & 07th Chhattisgarh & Odisha on 07th and over Konkan & Goa during 05th-07th August, 2022.

2.0 Flood Situation and Advisories

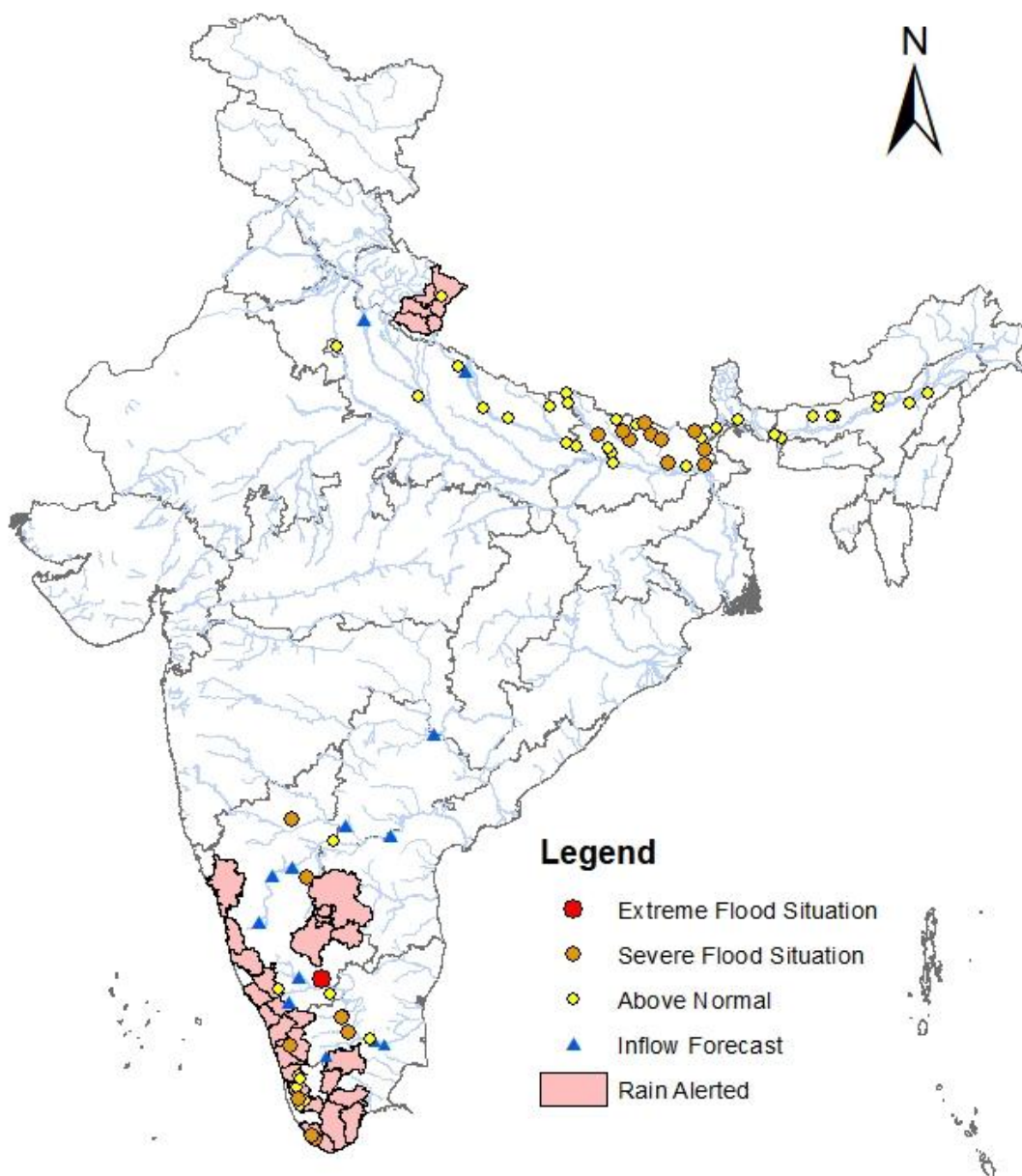
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 03rd August 2022, 13 stations (10 in Bihar and 1 each in Uttar Pradesh, Tamilnadu & Assam) are flowing in Severe Flood Situation, 25 stations (9 in Assam, 6 in Bihar, 5 in Uttar Pradesh, 2 in West Bengal and 1 each in Andhra Pradesh, Delhi & Tamilnadu) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 17 Barrages & Dams (6 in Karnataka, 4 in Tamilnadu, 3 in Telangana and 2 each in Andhra Pradesh & 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)	0
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	13
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	25
Total number of sites above Warning Level (A+B+C)		38
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)		17

Details are given at link: http://www.cwc.gov.in/sites/default/files/cfrcrcwcdfb03-08-2022_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Kerala

IMD has predicted very heavy rains in districts **Kasaragode, Kannur, Wyanad, Kozhikode, Malapuram, Palakkad, Thrissur, Idukki, Ernakulam, Kottayam, Alappuzha and Pathanamthitta** next 2 days. Alert for water level rise may be kept in Meenachil, Manimala, Pamba, Thodupuzha, Muvattupuzha, Periyar, Achankovil, Bharathapuzha their tributaries and in rivers of north Kerala. Increased inflow is expected into Idukki and Edamalayar dams. Present flooding situation in the State as per CWC network is as under:

District	River	Flood Situation	Water level Trend
Pathanamthitta	Manimala	Severe	Falling
Tiruvananthapuram	Neyyar, Karamana	Severe	Falling
Pathanamthitta	Pamba	Severe	Steady
Ernakulam	Kaliyar	Above Normal	Steady
Pathanamthitta	Achankoil	Above Normal	Steady
Idukki	Thodupuzha	Above Normal	Steady
Thrissur	Gayatri	Above Normal	Steady
Kottayam	Manimala	Above Normal	Steady

As per CWC data water levels in rivers are in steady to falling stage.

Major Projects with high storages of > 70% are listed below:

District	Projects
Wyanad	Banasurasagar
Thrissur	Sholayar, Poringalkuthu
Idukki	Kundala, Lower Periyar, Ponmudi, Kallarkutty, Maduppatty

The dams may be operated as per SOP and releases from the said dams may be done as per SOP after informing lower riparian areas.

Tamilnadu

IMD has predicted very heavy rains to extremely heavy rains in districts **Erode, Nilgris, Coimbatore, Thiruppur, Dindigul, Theni and Krishnagiri** next 2 to 3 days hence alert for water level rise may be kept in rivers Cauvery, Parambikulam, Aliyar, Vaigai, Pandipuzha and the tributaries of said rivers in above said districts. Major dams with high storages are as follows:

Project	Storage	Project	Storage
Mettur	100.2	Bhavanisagar	90.6
Vaigai	95.1	Krishnagiri	86.8
Sathanur	73.4	Sholayar	102.6
Parambikulam	93.7	Aliyar	91.4
Pechiparai	71.4		

The dams may be operated as per SOP and rule levels may be followed and releases from the said dams may be done as per SOP after informing lower riparian areas. Present flooding situation in the State as per CWC network is as under:

District	River	Flood Situation	Water level Trend
Erode	Cauvery	Severe	Rising
Krishnagiri	Ponnaiyar	Severe	Rising
Salem	Sarabenga (Cauvery basin)	Above normal	steady

Karnataka

IMD has predicted very heavy in districts **Uttara Kannada, Shimoga, Udupi, Chikmangalur, Hassan, Dakshin Kannada, Kodagu, Chickballapur, Tumkur, Haveri, Belgaum and Bellary for next 2 to 3 days**. Alert for water level rise may be kept in rivers Kalinadi, Bhadra, Tungabhadra, Shimsha, Sharavati, Kumaradhara, Netravathi, Bedthi, Aghanashini, and other tributaries of Krishna and Cauvery rivers in above said districts. Projects such as Harangi, KRS, Kabini, Hemavathy, Bhadra, Tungabhadra, Ghatapura, Almatti and Narayanapura are having high storages hence dams may be operated as per SOP and releases from the said dams may be done as per SOP after informing lower riparian areas. Present flooding situation in the State as per CWC network is as under:

District	River	Flood Situation	Water level Trend
Vijayapura	Doni (Krishna basin)	Severe	Falling
Mandya	Shimsa (Cauvery)	Severe	Falling
Chitradurga	Swarnamukhi(Krishna basin)	Severe	Steady
Mysore	Cauvery	Above Normal	Steady
Chamarajanagar	Suvarnavathi (Cauvery)	Above Normal	Rising

Telangana

IMD has predicted very heavy in districts **Nirmal, Nizamabad, sangareddy, Vikarabad, nagarkurnool, Nalgonda, Y. Bhuvanagiri,, Suryapet and Khammam**. Alert may be kept for water level rise in Krishna, Godavari and their tributaries in above mentioned districts. Projects such as Osmanagar, Himyath sagar, Singur, Nagarjunasagar, Srisaillam, Sripada yellampally are having high storages hence dams may be operated as per SOP and releases from the said dams may be done as per SOP after informing lower riparian areas

Bihar

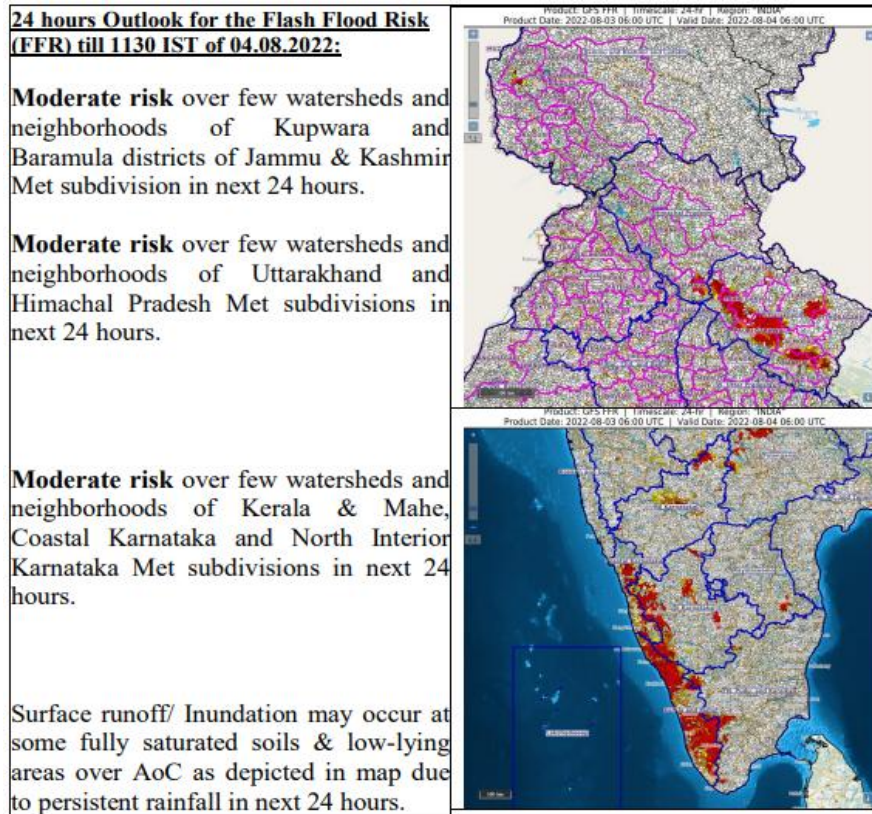
Present flooding situation in the State is as under:

District	River	Flood Situation	Water level Trend
Madhubani	Kamalabalan	Severe	Steady
Gopalganj	Gandak	Severe	Rising
Araria	Parman	Severe	Rising
Supaul,	Kosi	Severe	Falling
Khagaria	Kosi	Severe	Rising
Muzaffarpur	Bagmati	Severe	Rising
Purnia Kathihar	Mahananda	Severe	Falling

Uttarakhand

IMD has predicted increase in rainfall in almost all districts mainly in **Pithogarah, Bageshwar, Champawat, Almora and Nainital** hence, alert for water level rise may be kept in rivers upper Ganga, Ramganga, Sarda and its tributaries in above said districts

2.3. Flash Flood Guidance



3.0 Advisory Flood Forecast for next 5-days

S.No.	Station	River	District	State	04-08-2022	05-08-2022	06-08-2022	07-08-2022	08-08-2022
1	BENIBAD	BAGMATI	Muzaffarpur	Bihar	S	S	S	S	S
2	MANDLA	NARMADA	Mandla	Madhya Pradesh	N	N	S	S	S
3	KUMBIDI	BHARATHAPUZHA	Palakkad	Kerala	AN	S	S	S	N
4	MALAKKARA	PAMBA	Pathanamthitta	Kerala	S	S	S	N	N
5	BHANDARA	WAINGANGA	BHANDARA	Maharashtra	N	N	N	N	S
6	BALTARA	KOSI	Khagaria	Bihar	S	S	S	S	S
7	BASUA	KOSI	Supaul	Bihar	S	S	S	S	S
8	DELHI_RLY_BRG	YAMUNA	North	NCT of Delhi	AN	AN	AN	S	S
9	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	S	S	S	S	S
10	ELGINBRIDGE	GHAGRA	Bahraich	Uttar Pradesh	AN	AN	S	S	S
11	JHANJHARPUR	KAMLA	Madhubani	Bihar	S	S	S	S	S
12	JHAWA	MAHANANDA	Katihar	Bihar	S	AN	AN	AN	AN
13	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	S	S	S
14	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	S	S	S	S	S
15	DHENG_BRIDGE	BAGMATI	Sitamarhi	Bihar	AN	S	S	AN	AN
16	JAINAGAR	KAMLA	Madhubani	Bihar	S	S	S	S	S
17	RUNISAIDPUR	BAGMATI	Sitamarhi	Bihar	S	S	S	S	S
18	BEKI_NH_CROSSING	BEKI	Barpeta	Assam	S	S	S	S	S
19	KHOWANG	BURIDEHING	Dibrugarh	Assam	N	N	AN	S	AN
20	NUMALIGARH	DHANSARI	Golaghat	Assam	AN	S	S	S	S
21	KARIMGANJ	BARAK	Karimganj	Assam	N	AN	S	S	S
22	KODUMUDI	CAUVERY	Erode	Tamil Nadu	S	S	S	S	S
23	MUSIRI	CAUVERY	Tiruchirappalli	Tamil Nadu	AN	S	S	S	S
24	AKHUAPADA	BAITRANI	Jajapur	Odisha	S	S	S	S	S
25	MANTRALAYAM	TUNGABHADRA	Kurnool	Andhra Pradesh	AN	S	S	S	S
26	ARARIA	PARMAN	Araria	Bihar	S	S	S	AN	AN
27	DOWLAISWARAM	GODAVARI	EAST GODAVARI	ANDHRA PRADESH	N	N	N	N	AN
28	AYODHYA	GHAGRA	Faizabad	Uttar Pradesh	AN	AN	AN	AN	AN
29	DARAULI	GHAGRA	Siwan	Bihar	AN	AN	AN	AN	AN
30	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	AN	AN	AN	AN	AN
31	GARH Mukteshwar	GANGA	Jyotiba Phule Nagar	Uttar Pradesh	N	AN	AN	AN	AN

32	HARIDWAR	GANGA	Hardwar	Uttarakhand	N	N	N	N	AN
33	KAHALGAON	GANGA	Bhagalpur	Bihar	AN	AN	AN	AN	AN
34	KHADDA	GANDAK	Kushinagar	Uttar Pradesh	AN	AN	AN	AN	AN
35	KURSELA	KOSI	Katihar	Bihar	AN	AN	AN	AN	AN
36	PATNAGANDHIGHAT	GANGA	Patna	Bihar	AN	AN	AN	AN	AN
37	REWAGHAT	GANDAK	Saran (chhapra)	Bihar	AN	AN	AN	AN	AN
38	RISHIKESH	GANGA	Dehradun	Uttarakhand	N	N	N	N	AN
39	SAHIBGANJ	GANGA	Sahibganj	Jharkhand	AN	AN	AN	AN	AN
40	SRINAGAR	ALAKNANDA	Garhwal	Uttarakhand	N	N	N	N	AN
41	TURTIPAR	GHAGARA	Ballia	Uttar Pradesh	AN	AN	AN	AN	AN
42	TAIBPUR	MAHANANDA	Darbhangha	Bihar	AN	AN	AN	AN	AN
43	FARAKKA_BG	GANGA	Murshidabad	West Bengal	AN	AN	AN	AN	AN
44	BADATIGHAT	SUBANSARI	Lakhimpur	Assam	AN	AN	AN	AN	AN
45	DHARAMTUL	KOPLI	Marigaon	Assam	N	N	AN	AN	AN
46	JIABHARALI_NT_X	JAIBHARALI	Sonitpur	Assam	AN	AN	AN	AN	AN
47	NANGLAMORAGHAT	DESANG	Sivasagar	Assam	N	N	AN	AN	N
48	NEAMATIGHAT	BHRAMPUTRA	Jorhat	Assam	AN	AN	AN	AN	AN
49	SHIVSAGAR	DIKHOW	Shivsagar	Assam	N	N	AN	AN	AN
50	TEZPUR	BHRAMPUTRA	Sonitpur	Assam	AN	AN	AN	AN	AN
51	DHUBRI	BHRAMPUTRA	Dhubri	Assam	AN	AN	AN	AN	AN
52	PUTHIMARI_NH_X	PUTHIMARI	Kamrup	Assam	AN	AN	AN	AN	AN
53	PAGLADIYA_NT_X	PAGLADIYA	Nalbari	Assam	AN	AN	AN	AN	AN
54	KOKRAJHAR	GAURANG	Kokrajhar	Assam	AN	AN	AN	AN	N
55	ANNA_PURNA_GHAT	BARAK	Cachar	Assam	N	N	AN	AN	AN
56	BADARPGHAT	BARAK	Karimganj	Assam	N	N	AN	AN	AN
57	NELLORE	PENNNAR	Sri Potti Sriramulu Nellore	Andhra Pradesh	N	AN	AN	AN	AN
58	DOMOHANI	TEESTA	Jalpaiguri	West Bengal	AN	N	N	N	N
59	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	N	N	N
60	NEELESWARAM	PERIYAR	Ernakulam	Kerala	AN	AN	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 03rd 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	Srisailem	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	SardarSarovar	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Narmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
13	Narayanpur	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/ Raichur, Yaadgir					
14	Harangi	Cauvery/Upper Cauvery/Cauvery	Kar	Kodagu/Mandya					
15	Hemavathy	Hemavathy/ Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
16	Karanja	Karanja/Manjira/Godavari	Kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)					
17	Tungabhadra	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
18	Kabini	Kabini/Kabini/Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
19	Bhadra	Bhadra/UpperTungabhadra/Krishna	Kar	Chikmagalur/Shimoga					
20	KRS	Cauvery/Middle Cauvery/Cauvery	Kar	Mandya, Mysore					
21	Malaprabha	Malaprabha/Malaprabha/Krishna	Kar	Belgaum					
22	Hidkal	Ghataprabha/Ghataprabha/Krishna	Kar	Kolhapur (Mah)/ Belgaum (Kar)					
23	Almatti	Krishna/Upper Krishna/Krishna	Kar	Kolhapur(Maharashtra)/ Bagalkote(Karnataka)					
24	Idukki	Periyar/Upper Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Theni (Tamil Nadu), Ernakulam					
25	Edamalayar	Edamalayar/Middle Periyar/West flowing rivers from Tadri to Kanyakumari	Kerala	Coimbatore (Tamil Nadu)					
26	Koyna	Koyna/Upper Krishna/Krishna	Mah	Satara/Kolhapur, Sangli					
27	Warana	Warana river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
28	Veer	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
29	Ujjani	Bhima/Upper Bhima/Krishna	Mah	Pune, Solapur					
30	Yeldari	Purna/Purna/Godavari	Mah	Hingoli, Parbhani/Nanded					
31	Upper Wardha	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
32	Issapur	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
33	Totladoh	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
34	Jaikwadi	Godavari/Upper Godavari/Godavari	Mah	Aurangabad, Ahmadnagar/Bid, Jalna					
35	Mula	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
36	Salandi	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
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	TN	Theni/Madurai					

		of Cauvery Basin							
40	SomKamlaAmba	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
41	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
42	Gudha	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
43	Parwati	Parbati/ Kalisindh/Upper Chambal	Raj	Baran (Raj)/Baran (Raj), Kota (Raj), Sheopur (MP)					
44	Gandhisagar	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
45	Tawa	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
46	Rajghat	Betwa/Betwa/Ganga	MP	Ashoknagar(MP), Lalitpur(UP)/Shivpuri, Lalitpur(UP)					
47	Barna	Barna/Middle Narmada/Narmada	MP	Raisen/Hoshangabad,Narsinghpur					
48	Indira Sagar	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
49	Upper Wainganga	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					

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.