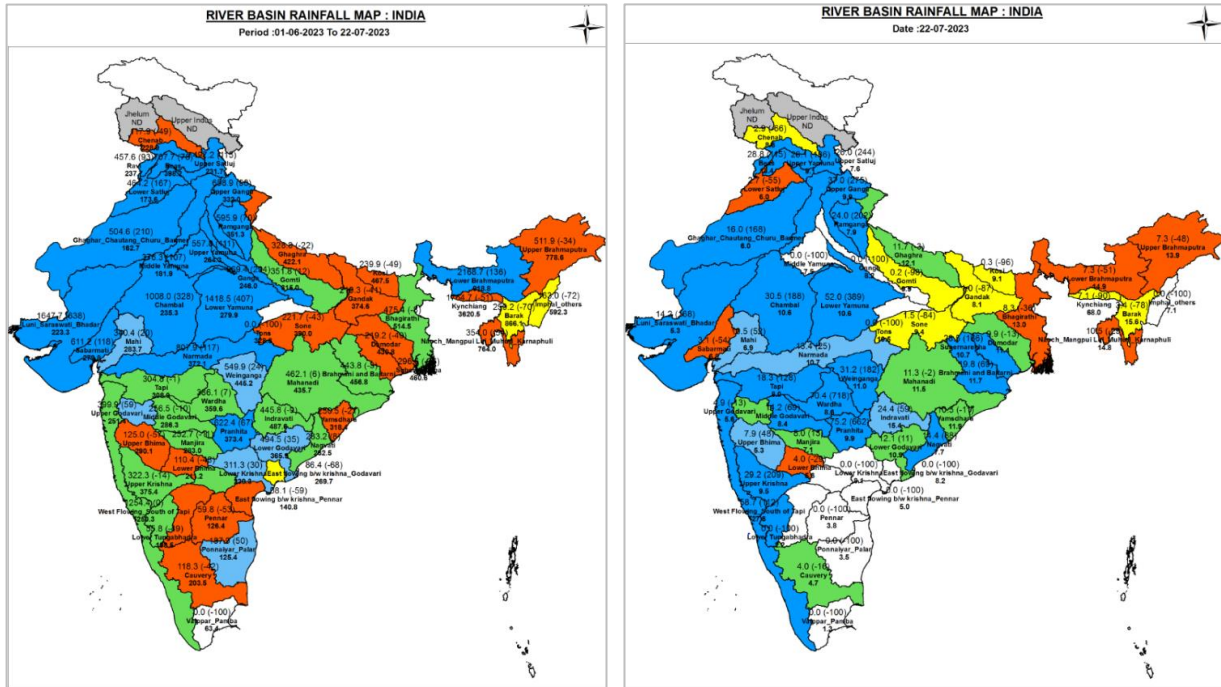




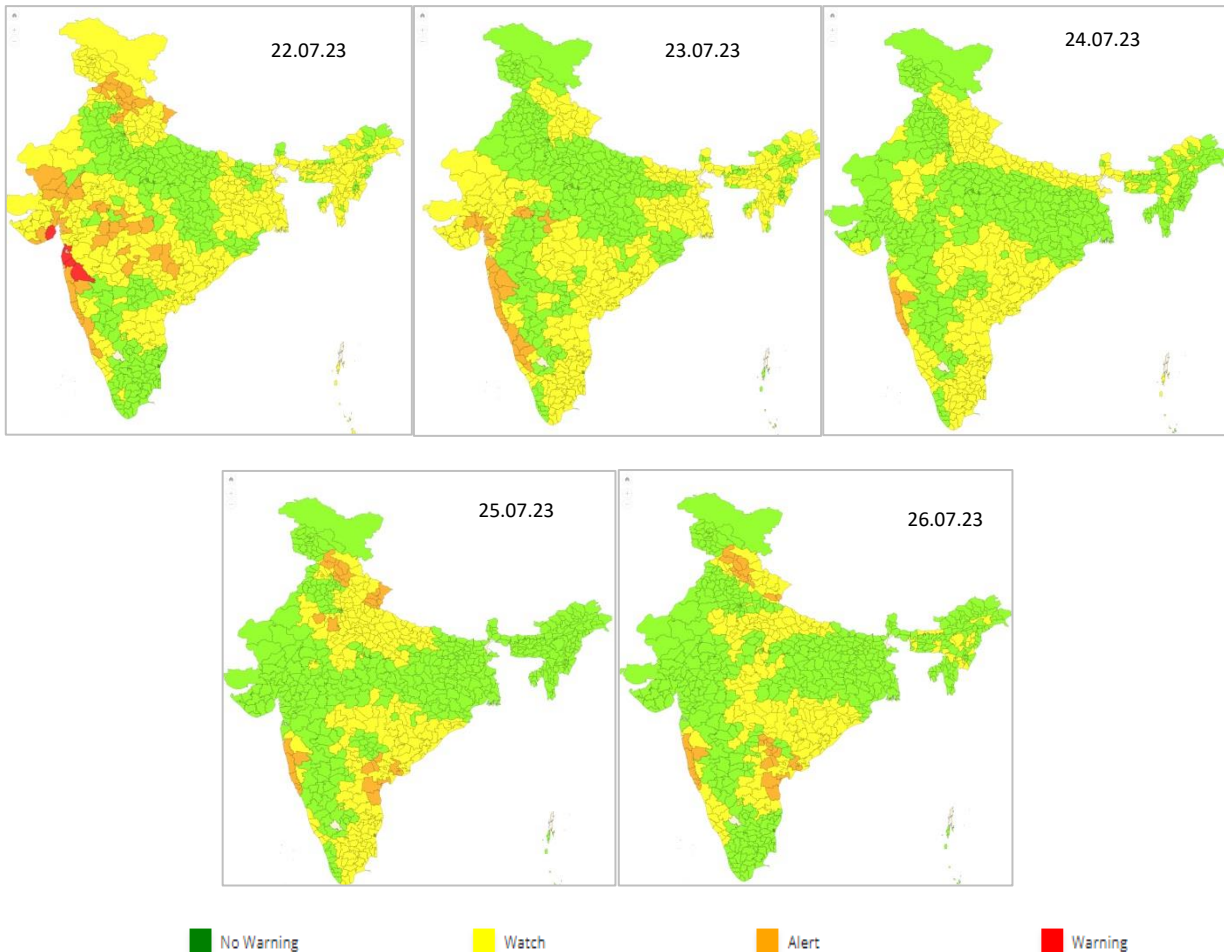
Central Water Commission
Daily Flood Situation Report cum Advisories
22-07-2023

1.0 Rainfall Situation

1.1 District wise departure from normal of cumulative and daily rainfall



1.2 Rainfall forecast for next 5 days issued on 22nd July 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

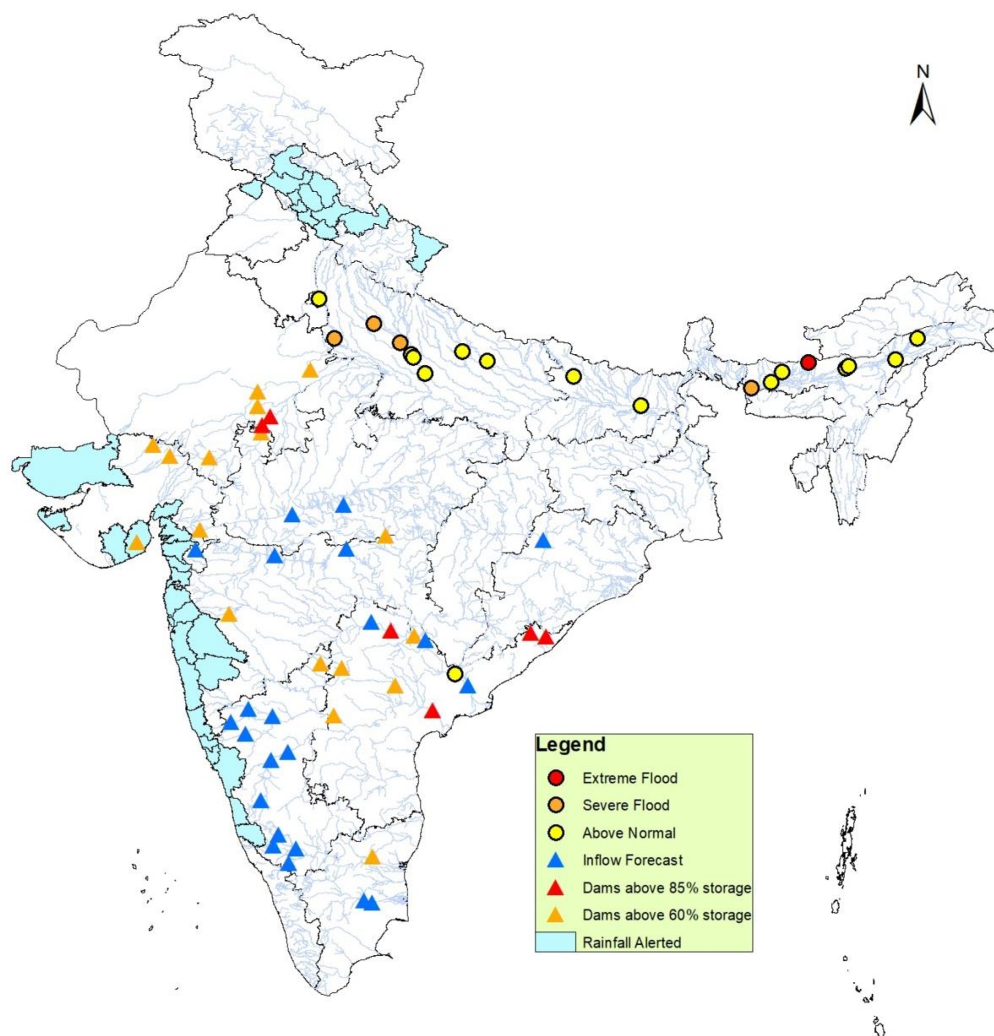
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 22nd July 2023, 4 stations (3 in Uttar Pradesh & 1 in Assam) are flowing in Severe Flood Situation, 15 stations (5 in Uttar Pradesh, 6 in Assam, 2 in Bihar & 1 each in Andhra Pradesh in Delhi) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 28 Dams and Barrages (11 in Karnataka, 5 in Telangana, 3 in Uttar Pradesh, 2 each in Maharashtra, Madhya Pradesh & Tamil Nadu and 1 each in Andhra Pradesh, Gujarat & Odisha).

PART - I: LEVEL FORECAST		(Total Sites - 199)		
S.No.	Flood Situations	State-wise Flood Situation	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))	Assam(1), Uttar Pradesh(3)	4	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Andhra Pradesh(1), Assam(6), Bihar(2), Delhi(1), Uttar Pradesh(5)	15	
Total number of sites above Warning Level (A+B+C)			19	
PART - II: INFLOW FORECAST		(Total Sites - 134)		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		Andhra Pradesh(1), Gujarat(1), Karnataka(11), Madhya Pradesh(2), Maharashtra(2), Odisha(1), Tamil Nadu(2), Telangana(5), Uttar Pradesh(3)	28	

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb22.07.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Maharashtra

Due to intensification of monsoon winds, very heavy to extremely heavy rains are expected in **Palghar, Thane, Mumbai, Raigad, Ratnagiri, Pune, Satara, Kohlapur** districts, hence alert for water level rise may be kept in rivers Vaitarna, Ulhas (Thane dist.), Patalganga, Amba, Kundalika, Mhasala, Savitri (Raigad Dist.), Vashishti, Shastri, Kajvi, Muchkund, Kodavali, Vaghotan (Ratnagiri Dist.), Gad, Devgad, Tilari, Terekhol (Sindhudurg dist.), Upper Bhima, Upper Krishna and other small rivers of upper Krishna (Pune, Satara, Kolhapur dist.). Alert for water level rise also may be kept in Pranhita, Wainganga, Wardha, Indravati, Penganaga and other small rivers over **Nanded, Gadchiroli, Washim and Yavatmal districts**. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Belne Bridge	Gad	Sindhudurg	Severe	Rising
Yerli	Purna	Buldana	Severe	Rising
Anjanari	Kajvi	Ratnagiri	Above Normal	Rising

Gujarat

Due to intensification of monsoon winds, very heavy rains are expected in **Anand, Baroda, Narmada, Tapi, Valsad, Surat, Bharuch, Dangs, Navsari** hence alert for water level rise is expected in lower Mahi, lower Tapi, lower Narmada, Damanganga, Auranga, Par, Mindhola, Kaveri, Ambika and other small rivers of South Gujarat region. Very heavy to extremely heavy rains are expected in **Kuchchh, Jamnagar, Porbander, Amreli, Bhavnagar, Junagadh, Dev Bhoomi Dwarka** districts. Alert for water level rise may be kept in Mitti, Rukhmavati, Shetrunji, Bhadar, Machhu, Meghal and other small rivers of Saurashtra and Kuchchh region.

Madhya Pradesh

Very heavy rainfall is expected **Ratlam, Ujjain, Sehore, Khandwa, Khargone, Harda, Burhanpur, Betul, Chhindwara** districts. Alert for water level rise may be kept in rivers Mahi, Chambal, Narmada, Tapi and the tributaries of said rivers over the region. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Burhanpur	Tapi	Rajgarh	Severe	Rising
Yerli	Purna	Buldana	Severe	Rising
Wankhed	Tapi	Buldana	Above Normal	Falling

Uttarakhand

Very heavy rainfall is expected **Uttarkashi, Dehradun, Pithoragarh** districts, hence alert for water level rise may be kept in rivers of upper Yamuna and Ganga, Sarju, Sarda, Goriganga and other small rivers over the region.

Himachal Pradesh

IMD has predicted heavy rains in the districts such as **Bilaspur, Chamba, Kangra, Kullu, Mandi, Solan and Shimla** hence alert for water level rise may be kept in rivers such as Ravi, Beas, Sutlej, Tons, Yamuna and its tributaries in above said districts for next 2 days.

Punjab

IMD has predicted very heavy rains in the districts **Pathankot, Gurudaspur, Hoshiarpur** hence alert for water level rise may be kept in rivers such as Ravi, Beas and its tributaries for next 2 days.

New Delhi

River Yamuna in Ganga basin at Delhi Railway Bridge in **North** district of Delhi flows in Above Normal Flood Situation at 18:00 hrs today and water level of Yamuna at Delhi Railway Bridge is expected to rise and will flow in severe flood situation by tomorrow (23.07.2023).

Uttar Pradesh

Due to downward propagation of floods in Yamuna water level is expected to rise in lower riparian region. As per CWC network flood situation exists in Ganga river in districts **Hapur, Budan, Farrukhabad, Fathepur**, in Ramganaga in districts **Moradabad, Shahjahanpur**, in Sarda in district **Kheri** and Ghaghra in district **Barabanki, Ayodhya**. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Kachlabridge	Ganga	Budaun	Severe	Steady
Pragyaghat	Yamuna	Mathura	Severe	Rising
Fatehgarh	Ganga	Farrukhabad	Severe	Rising
Kannauj	Ganga	Kannauj	Above Normal	Rising
Ankinghat	Ganga	Kanpur	Above Normal	Rising

Assam

Current flood situation as per CWC site network is as given below:

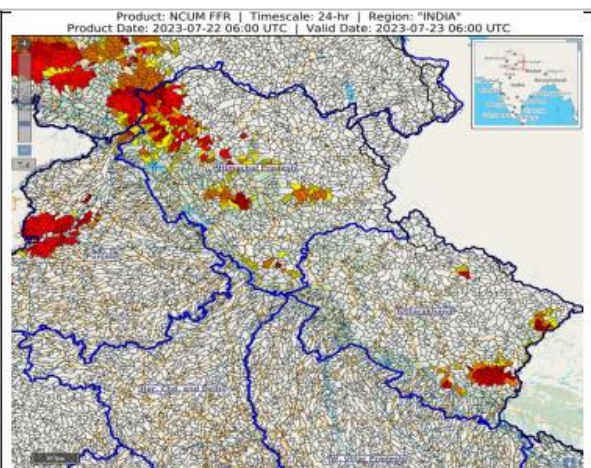
CWC Site	River	District	Flood Type	Trend in Water Level
DRF	Puthimari	Baksa	Extreme	Steady
Dhubri	Brahmaputra	Dhubri	Severe	Falling
JiaBharali	JiaBharali	Sonitpur	Above Normal	Rising
Beki Road	Beki	Barpeta	Above Normal	Rising

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 23-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Uttarakhand, Himachal Pradesh & adjoining South J&K and West Punjab** Met Sub-divisions during next 24 hours.

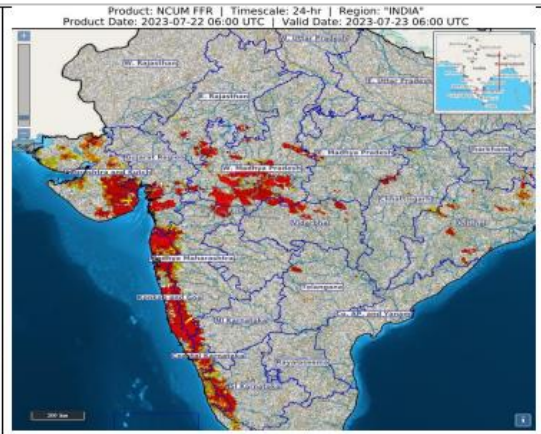
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 23-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Vidarbha & adjoining Madhya Maharashtra, South Gujarat Region, Konkan & Goa, and Saurashtra & Kutch** Met Sub-divisions during next 24 hours.

Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



3.0

Advisory Flood Forecast for next 5-days

inTableform

The flood situational FloodForecastingStationslikelytobeabovewarninglevelfornext5days

S.No	Station	River	District	State	23-07-2023	24-07-2023	25-07-2023	26-07-2023	27-07-2023
1	KACHHLABRIDGE	GANGA	Budaun	Uttar Pradesh	S	S	S	S	S
2	KUNAVARAM	GODAVARI	ALLURI SITHARAMA RAJU	Andhra Pradesh	S	S	S	S	S
3	DELHI RAILWAY BRIDGE	YAMUNA	North	NCT of Delhi	S	S	S	S	S
4	ETAWAH	YAMUNA	Etawah	Uttar Pradesh	AN	AN	AN	AN	S
5	FATEHGARH	GANGA	Farrukhabad	Uttar Pradesh	S	S	S	S	S
6	JHAWA	MAHANANDA	Katihar	Bihar	N	AN	AN	S	S
7	MATHURA (PRAYAG GHAT)	YAMUNA	Mathura	Uttar Pradesh	S	S	S	S	S
8	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	AN	S	S	S
9	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	AN	AN	AN	S
10	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	AN	S	S	S
11	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	S
12	ARARIA	PARMAN	ARARIA	Bihar	AN	S	S	S	S
13	BHADRACHALAM	GODAVARI	BHADRADRI	Telangana	AN	AN	AN	AN	N
14	DUMMAGUDEM	GODAVARI	BHADRADRI	Telangana	AN	AN	AN	N	N
15	CHINTURU (TALLAGUDEM_KUMMURU)	SABRI	ALLURI SITHARAMA RAJU	Andhra Pradesh	N	AN	AN	N	N
16	DOWLAISWARAM (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	Andhra Pradesh	AN	AN	AN	AN	AN
17	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN
18	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	AN
19	BALTARA	KOSI	Khagaria	Bihar	AN	AN	AN	AN	AN
20	BASUA	KOSI	Supaul	Bihar	AN	AN	AN	AN	AN
21	BENIBAD	BAGMATI	Muzaffarpur	Bihar	N	N	N	AN	AN
22	DHENGRAGHAT	MAHANANDA	Purnia	Bihar	N	AN	AN	AN	AN
23	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN
24	GARHMUKTESHWAR	GANGA	Hapur	Uttar Pradesh	AN	AN	AN	AN	AN
25	HARIDWAR (DUDHIA BAND)	GANGA	Haridwar	Uttarakhand	AN	AN	N	N	N
26	KANNAUJ	GANGA	Kannauj	Uttar Pradesh	AN	AN	AN	AN	AN
27	KANPUR	GANGA	Kanpur Nagar	Uttar Pradesh	AN	N	N	N	AN
28	RISHIKESH	GANGA	Dehradun	Uttarakhand	AN	AN	N	N	N

29	TURTIPAR	GHAGRA	Ballia	Uttar Pradesh	AN	AN	AN	AN	AN
30	DUMARIAGHAT	GANDAK	Gopalganj	Bihar	AN	AN	N	N	N
31	DHENG BRIDGE	BAGMATI	Sitamarhi	Bihar	N	N	N	N	AN
32	MORADABAD	RAMGANGA	Moradabad	Uttar Pradesh	AN	AN	AN	AN	AN
33	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	N	N	N
34	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	N	N	N	AN	AN
35	DHARAMTUL	KOPILI	MARIGAON	Assam	N	N	N	AN	AN
36	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN
37	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN
38	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	N	N	AN	AN
39	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN
40	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	N	N	N	N	AN
41	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	N	AN	AN	AN	AN
42	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	AN	AN	AN	AN	AN
43	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	N	N	N	AN	AN
44	MANDLA	NARMADA	MANDLA	Madhya Pradesh	N	N	N	AN	AN
45	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	AN	AN	AN	AN
46	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	N	N	N	N

Abbreviation: **N:** Normal Flood Situation, **AN:** Above 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).

3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 22nd July 2023

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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Sl. No.	Reservoir/Dams	River/Sub-Basin /Basin	State	US/ DS District	Rainfall situation				
					Day 1	Day 2	Day 3	Day 4	Day 5
1	Musi	Musi/Lower Krishna/Krishna	Tel	Nalgonda					
2	SripadaYellampally	Godavari/Middle Godavari/Godavari	Tel	Mancherial/JaishankarBhupalpally					
3	Singur Dam	Manjira/Manjira/Godavari	Tel	Bidar(Kar)/Sangareddy(Telangana)					
4	Laxmi Barrage	Godavari/LowerGodavari/Godavari Basin	Tel	JaishankarBhupalpally/Peddapalli/Mulugu					
5	PD Jurala	Krishna/Middle Krishna/Krishna	Tel	Raichur (Kar)/JogalambaGadwal(Telangana)					
6	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
7	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
8	Prakasam Barrage	Krishna/Krishna	AP	Krishna /Guntur					
9	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)Bidar					
10	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
11	Dantiwada Dam	Banas/Western Flowing River (Kutch &Saurashtra)	Guj	Banaskantha					
12	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
13	Shetrunji Dam	Shetrunji/WFR (Kutch &Saurashtra)	Guj	Bhavnagar					
14	SardarSarovar Dam	Narmada/Narmada b/w Hosangababad to SSP/Narmada	Guj	Nrmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
15	kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
16	Mula Dam	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
17	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
18	Totladoh Project	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
19	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
20	Kota Barrage	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
21	Bisalpur Dam	Banas/Upper Chambal/Ganga	Raj	Bhilwara/Tonk					
22	Gudha Dam	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
23	SomKamlaAmba Dam	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					

24	Panchana Dam	Gambhiri/Upper Chambal/Ganga	Raj	Karauli/Sawaimadhopur/Bharatpur					
25	Bargi Dam	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
26	Pench Reservoir	Pench/Godavari	MP	Chhindwara/Seoni					
27	Barna Dam	Barna/Middle Narmada/Narmada	MP	Raisen					
28	Sanjay SarovarProject	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

