



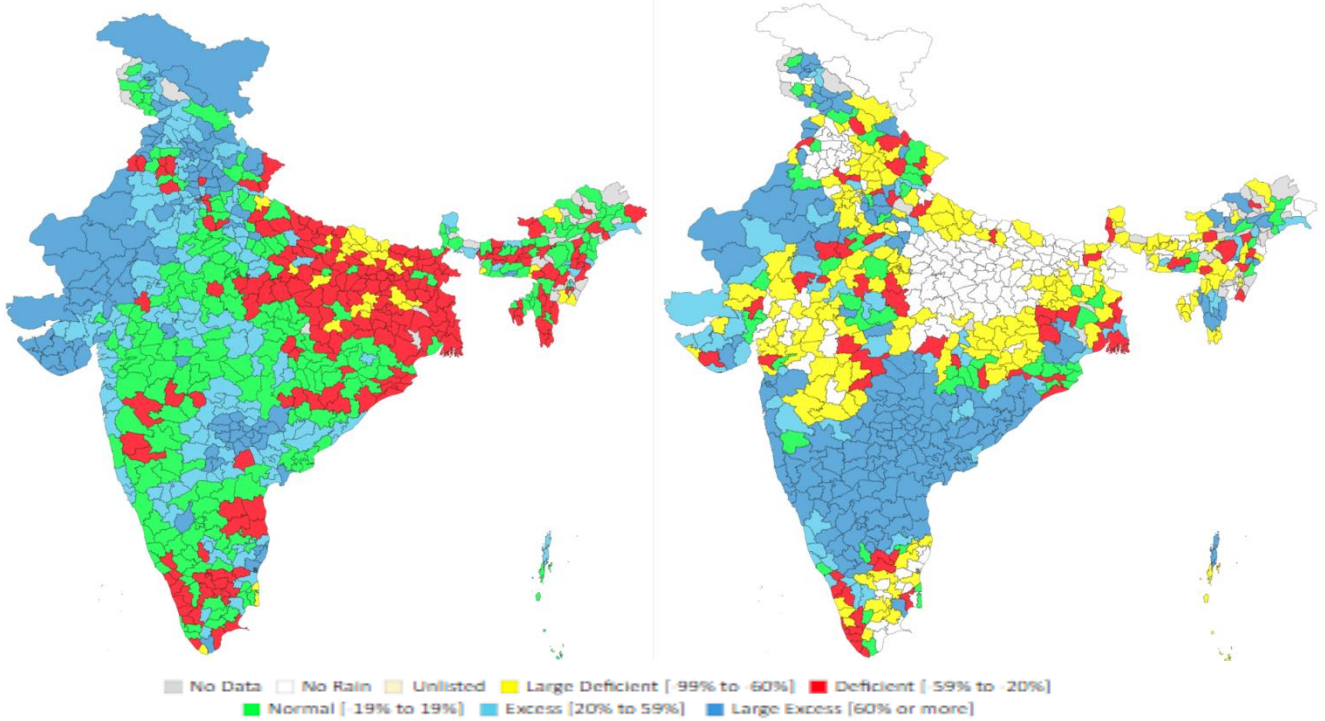
Central Water Commission
Daily Flood Situation Report cum Advisories
27-07-2023

1.0 Rainfall Situation

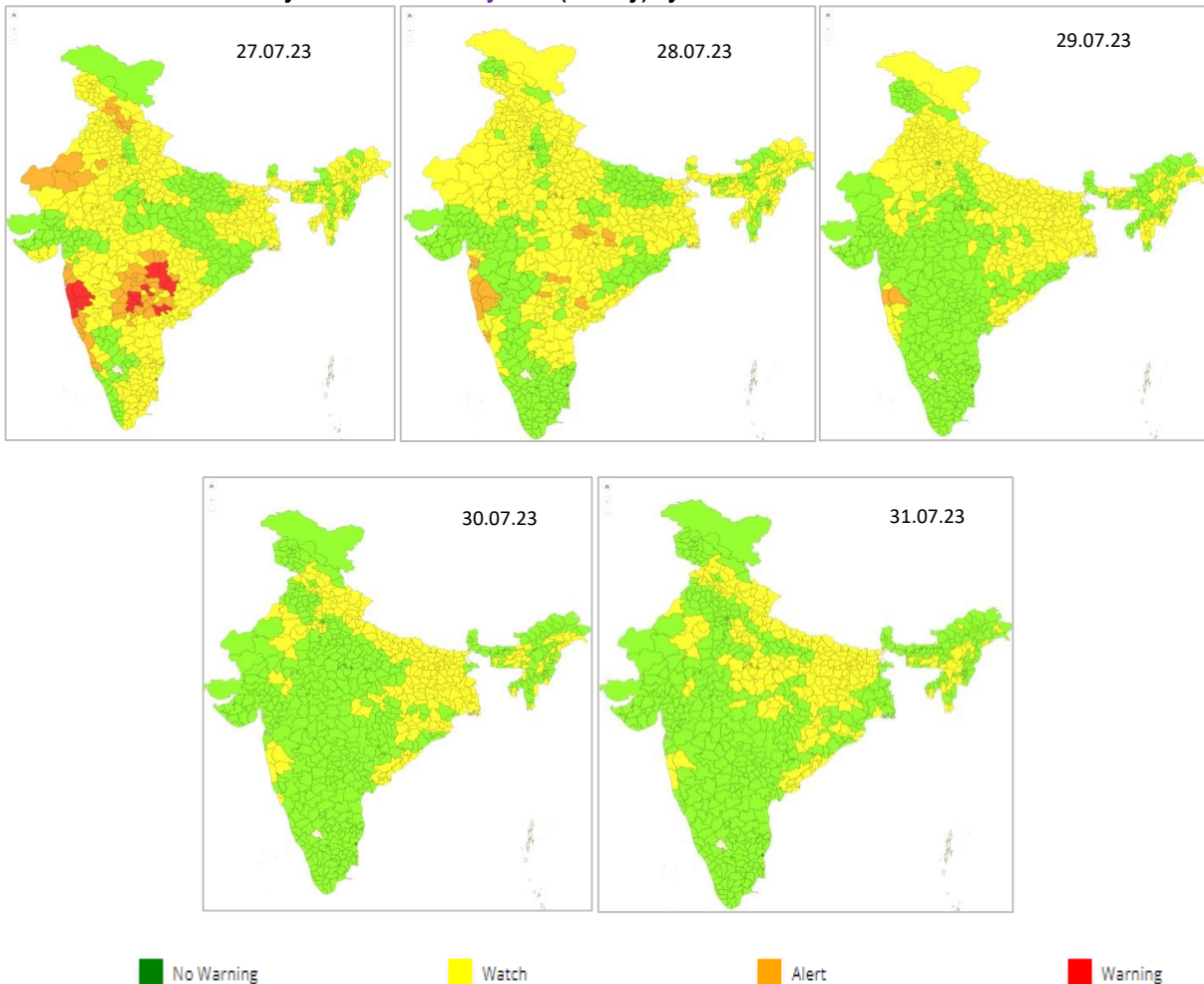
1.1 District wise departure from normal of cumulative and daily rainfall

Cumulative (From 01-06-2023)

Daily (27-07-2023)



1.2 Rainfall forecast for next 5 days issued on 27th July 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

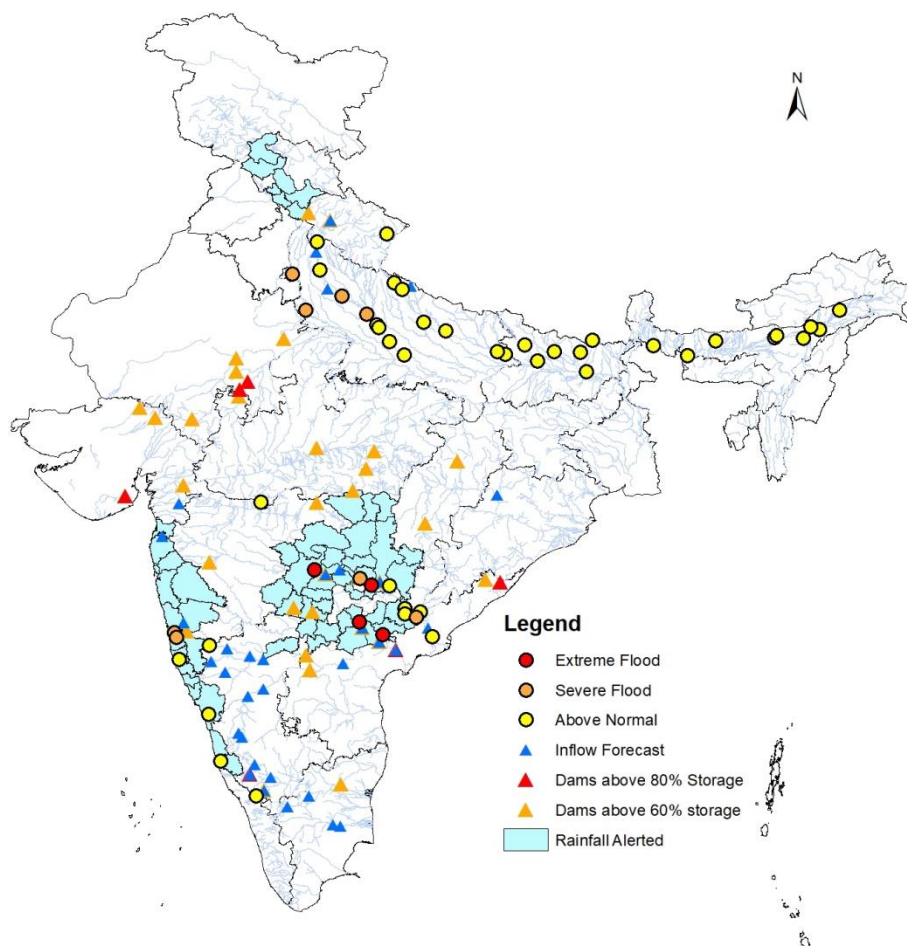
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 27th July 2023, 5 stations (3 in Uttar Pradesh and 1 each in Delhi & Andhra Pradesh) are flowing in Severe Flood Situation, 26 stations (8 in Assam, 7 in Uttar Pradesh, 5 in Bihar, 2 each in Telangana and Andhra Pradesh and 1 each in Kerala & West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 35 Dams and Barrages (13 in Karnataka, 6 in Telangana, 4 each in Tamil Nadu & Andhra Pradesh, 3 in Uttar Pradesh, 2 in Gujarat and 1 each in Maharashtra, Odisha & Uttarakhand).

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))	Andhra Pradesh(1), Delhi(1), Uttar Pradesh(3)	5
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Andhra Pradesh(2), Assam(8), Bihar(5), Kerala(1), Telangana(2), Uttar Pradesh(7), West Bengal(1)	26
Total number of sites above Warning Level (A+B+C)			31
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(4), Gujarat(2), Karnataka(13), Maharashtra(1), Odisha(1), Tamil Nadu(4), Telangana(6), Uttar Pradesh(3), Uttarakhand(1)	35

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb27.07.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Maharashtra, Goa

From past few days very heavy to extremely heavy rainfall is continuing in Coastal districts of the state and in **Pune, Kolhapur, Satara** districts due to formation and movement of low pressure area in Bay of Bengal one after the other. Storages in Major/Medium dams located in Konkan region and that over Pune district are high hence releases, if required, as per Standard Operating Procedure and Rule Curves should be done after informing the downstream areas in advance. Since, very heavy rains are still expected to continue in **Palghar, Thane, Mumbai, Raigad, Ratnagiri, Sindhudurg, Pune, Satara, Kolhapur** districts, alert for water level rise may be kept in rivers Ambika, Auranga, Damanganaga (**Palghar** dist.), Damanganga, 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** dists.).

Very heavy rains in Bhandara, Chandrapur, Gadchiroli, Gondia, Nagpur, Wardha, Yavatmal districts hence alert for water level rise may be kept in Pranhita, Indravathi, Wainganga (**Gadchiroli** dist.), Bagh, Wainganaga (**Bhandara, Gondia** dists.), Pench, Wainganaga, Nag (**Nagpur** dist.), Wardha, Penganaga (**Chandrapur, Yavatmal** dists.).

Project Water Storage position in regions of very heavy rainfall is as given below:

District/Region	Project	Storage Percent
Konkan region (Palghar, Raigad, Sindhudurg, Thane dists.)	All major/medium	88.56
Pune region (Solapur, Satara, Sangli, Pune, Kolhapur dists.)	All major/medium	68.21
Yavatmal	Isapur	88.05
Chandrapur	Asolamendha	100
Gadchiroli	Dina	100
Nagpur	Kamthi Khairy	96.87
Nagpur	Khindsi	82.86
Nagpur	Totladoh	85.59

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Nivali	Bav	Ratnagiri	Severe	Rising
Anjanari	Kajvi	Ratnagiri	Severe	Rising
Terwad	Panchganga	Kolhapur	Above Normal	Steady
Belne Bridge	Gad	Sindhudurg	Above Normal	Falling

Karnataka

Very heavy rainfall is expected to continue in **coastal districts of Karnataka** such as **Uttara kannada, Udupi, Dakshin Kannada**. Major/medium dams located in Upper Cauvery rivers and Upper Krishna rivers are receiving large inflows such as Singatnur Barrage (Gadag dist.), Tungabhadra dam (Ballary dist.), Narayanpur, Almatti, Hipparagi Barrage (Bagalkot dist.), Hidkal (Belgam dist. Ghataprabha river), Malaprabha dam (Belgaum dist.), Upper Tunga (Shimoga dist.), Bhadra (Chikmangalur dist.). Similarly in Cauvery basin Krishnarajasagar (Mandya dist.), Harangi (Kodagu dist.), Kabini (Mysore dist.) are getting increased inflows. Releases may be done as per Standard Operating Procedure and Rule Curves after intimating to all concerned downstream districts as well as to lower riparian States. Since the heavy rains are continuing in above said districts all

precautions may be taken for flood like situations in west flowing rivers in coastal districts as well as in Upper Cauvery, Upper Krishna rivers. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Santeguli	Aghanashini	Uttara Kannada	Above Normal	Falling
Addoor	Gurpur	Dakshin Kannada	Above Normal	Falling

New Delhi

Due to downward propagation of floods created in Upper Yamuna Severe flood situation exist in northern Delhi. CWC site at Delhi Railway Bridge in North Delhi is in severe flood. The water levels at CWC Delhi Railway Bridge site is in rising state and expected to rise to 206.15 m by 04:00 hrs of 28.07.2023.

CWC Site	River	District	Flood Type	Trend in Water Level
Delhi Railway Bridge	Yamuna	North Delhi	Severe	Rising

Telangana

Due to formation of Low Pressure Area and its intensification and its movement to land, very heavy to extremely heavy rainfall has happened in Godavari and neighboring Krishna basin and very heavy to extremely heavy rainfall is expected to continue in **most of the districts of Telangana for next 24 hours as per IMD rainfall forecast.** As per CWC network hydrological observation sites located in rivers such as Maner, Murredu (Godavari basin) and Munneru (Krishna basin) crossed extreme flood situation. Projects such as Sripada yellampally (**Karimnagar** dist.), Laxmi Barrage (**Bhupalpally**), PVN Roa Kanthampally (**Mulugu**), Polavaram Irrigation Project (**Eluru**) are expected to get increased inflows in coming hours. Actual Inflow / level forecast issued for these can be viewed at <https://fs.india-water.gov.in/>. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Bhainsa	Suddavagu	Nirmal	Extreme	Rising
Somanpalli	Maner	Karimnagar	Extreme	Falling
Anantharam	Musi	Nalgonga	Extreme	Rising
Polampalli	Munneru	Krishna	Extreme	Rising
Kaleswaram	Godavari	Bhupalpally	Above Normal	Rising
Chinturu	Sabri	AlluriSitharama	Above Normal	Rising
Bhadrachalam	Godavari	Bhadradi	Above Normal	Falling
Perur	Godavari	Mulugu	Above Normal	Rising
Dummagudem	Godavari	Bhadradi	Above Normal	Falling

Gujarat

Increased rainfall in **Valsad, Navsari** districts and neighboring Maharashtra region has resulted in increased inflow into Madhuban dam. Releases from Madhuban dam has resulted in above normal flood situation in Dadra and Nagar Haveli.

Andhra Pradesh

Due to downward propagation of flood waves created in Upper Godavari and Upper Krishna region, alert in water level rise may be kept in Krishna river in **Guntur, Kurnool and Krishna** districts and in Godavari river in **East Godavari** district. Projects Srisailem, Dr. KLRs Pulinchintla, Prakasam barrage are getting increased inflows and expected to continue as there is heavy runoff from upper catchment. In coming days, severe flood situation is expected in Godavari Delta region. Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Kunnavaram	Godavari	Allurisitharama	Severe	Rising
Dowlaiswaram	Godavari	East Godavari	Above Normal	Rising

Uttar Pradesh

Current flood situation as per CWC network is given below (in above normal only rising case is included):

CWC Site	River	District	Flood Type	Trend in Water Level
Kachhla Bridge	Ganga	Badaun	Severe	Steady
Pragyaghat	Yamuna	Mathura	Severe	Steady
Fatehgarh	Ganga	Farrukhabad	Severe	Steady
Turtipar	Ganga	Ballia	Above Normal	Rising

Assam

Current flood situation as per CWC network is given below (in above normal only rising case is included):

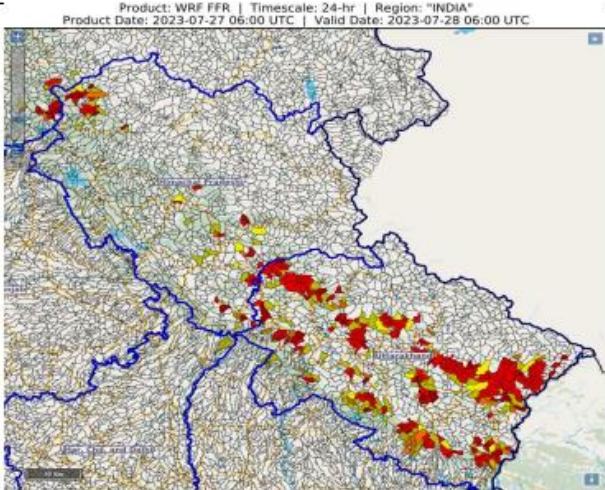
CWC Site	River	District	Flood Type	Trend in Water Level
Beki Road	Beki	Barpeta	Above Normal	Rising
Neamatighat	Brahmaputra	Jorhat	Above Normal	Rising
Numaligarh	Dhansiri	Golaghat	Above Normal	Rising
Tezpur	Brahmaputra	Sonitpur	Above Normal	Rising

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 28-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Uttarakhand adjoining Himachal Pradesh** Met Sub-divisions during next 24 hours.

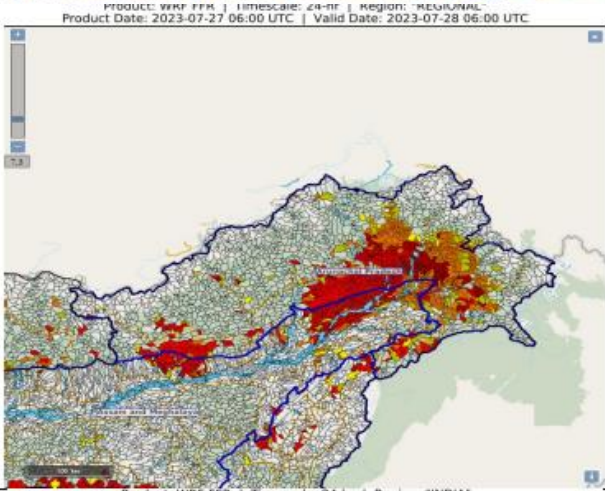
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 28-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Arunachal Pradesh** Met Sub-divisions during next 24 hours.

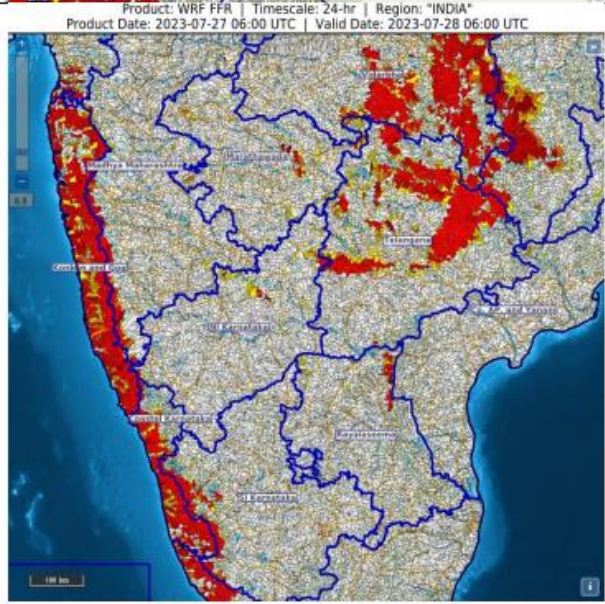
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 28-07-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Telangana, Vidarbha, South Chhattisgarh and South Konkan & Goa** 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 in Table form
The flood situational Flood Forecasting Stations likely to be above warning level for next 5 days

SNo	Station	River	District	State	28-07-2023	29-07-2023	30-07-2023	31-07-2023	01-08-2023	02-08-2023	03-08-2023
1	KACHHLABRIDGE	GANGA	BUDAUN	UTTAR PRADESH	E	E	E	E	S	S	S
2	ANKINGHAT	GANGA	KANPUR NAGAR	UTTAR PRADESH	AN	AN	AN	AN	S	S	S
3	BALRAMPUR	RAPTI	BALRAMPUR	UTTAR PRADESH	AN	AN	AN	S	S	S	S
4	BENIBAD	BAGMATI	MUZAFFARPUR	BIHAR	AN	S	S	S	S	S	S
5	DELHI RAILWAY BRIDGE	YAMUNA	NORTH	NCT OF DELHI	S	S	S	S	S	S	S
6	ELGINBRIDGE	GHAGRA	BARABANKI	UTTAR PRADESH	AN	S	S	S	S	S	S
7	FATEHGARH	GANGA	FARRUKHABAD	UTTAR PRADESH	S	S	S	S	S	S	S
8	MATHURA (PRAYAG GHAT)	YAMUNA	MATHURA	UTTAR PRADESH	S	S	S	S	S	S	S
9	AYODHYA	GHAGRA	AYODHYA	UTTAR PRADESH	AN	AN	AN	AN	AN	S	S
10	BALTARA	KOSI	KHAGARIA	BIHAR	AN	AN	AN	AN	AN	AN	AN
11	BASUA	KOSI	SUPAUL	BIHAR	AN	AN	AN	AN	AN	AN	AN
12	KANNAUJ	GANGA	KANNAUJ	UTTAR PRADESH	AN	AN	AN	AN	AN	AN	S
13	KANPUR	GANGA	KANPUR NAGAR	UTTAR PRADESH	AN	AN	AN	AN	AN	AN	AN
14	TURTIPAR	GHAGRA	BALLIA	UTTAR PRADESH	AN	AN	AN	AN	AN	AN	AN
15	DUMARIAGHAT	GANDAK	GOPALGANJ	BIHAR	AN	AN	AN	AN	AN	AN	AN
16	BEKI ROAD BRIDGE	BEKI	BARPETA	ASSAM	AN	AN	AN	AN	AN	AN	AN
17	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	ASSAM	AN	AN	AN	AN	AN	AN	AN
18	NT ROAD CROSSING JIABHARALI	JIABHARALI	SONITPUR	ASSAM	AN	AN	AN	AN	AN	AN	AN
19	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	ASSAM	AN	AN	AN	AN	AN	AN	AN
20	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	ASSAM	AN	AN	AN	AN	AN	AN	S

21	TEZPUR	BRAHMAPUTRA	SONITPUR	ASSAM	AN	AN	AN	AN	AN	AN	AN
22	DHUBRI	BRAHMAPUTRA	DHUBRI	ASSAM	AN	AN	AN	AN	AN	AN	AN

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 27th 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	Sriramasagar	Godavari/Middle Godavari/Godavari	Tel	Nanded (Mah), Nirmal(Telangana)/Metpally, Mancherial(Telangana)					
7	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
8	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulum					
9	Prakasam Barrage	Krishna/Krishna	AP	Krishna /Guntur					
10	Pulichintala Dam	Krishna/Lower Krishna/Krishna	AP	Nalgonda(Tel)/Guntoor, Krishna(AP)					
11	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Telangana)					
12	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)Bidar					
13	kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					
14	Harangi Dam	Harangi/Harangi/Cauvery	Kar	Kodagu/Mysuru,Hassan					
15	Hemavathy Dam	Hemavathy/Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					

16	Almatti Dam	Krishna/Upper Krishna/Krishna	Kar	"Kolhapur(Maharashtra)/ Bagalkote(Karnataka)"					
17	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
18	Dantiwada Dam	Banas/Western Flowing River (Kutch &Saurashtra)	Guj	Banaskantha					
19	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
20	Shetrunji Dam	Shetrunji/WFR (Kutch &Saurashtra)	Guj	Bhavnagar					
21	SardarSarovar Dam	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Nrmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
22	Ukai Dam	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
23	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
24	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
25	Totladoh Project	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
26	Warana Dam	Warna river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					
27	RanaPratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
28	Kota Barrage	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
29	Bisalpur Dam	Banas/Upper Chambal/Ganga	Raj	Bhilwara/Tonk					
30	Gudha Dam	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
31	SomKamlaAmba Dam	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
32	Panchana Dam	Gambhiri/Upper Chambal/Ganga	Raj	Karauli/Sawaimadhopur/Bharatpur					
33	MahiBajajsagar Dam	Mahi/Mahi B/Mahi	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					
34	Panchana Dam	Gambhiri/Upper Chambal/Ganga	Raj	Karauli,Bharatpur					

35	Bargi Dam	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
36	Pench Reservoir	Pench/Godavari	MP	Chhindwara/Seoni					
37	Barna Dam	Barna/Middle Narmada/Narmada	MP	Raisen					
38	Sanjay Sarovar Project(U wen Pro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
39	Gandhisagar Dam	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
40	Tehri Dam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/TehriGarhwal/PauriGarhwal					
41	Ichari Dam	Tons/Yamuna/Ganga	UK	Dehradun/Nahan(HP)					
42	Ravishankar Dam	Mahanadi/Upper Mahanadi/Mahanadi	Chhatis garh	Kanker/Dhamtari,Raipur					
43	Bango Dam	Hasdeo/Upper Mahanadi/Mahanadi	Chhatis garh	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

