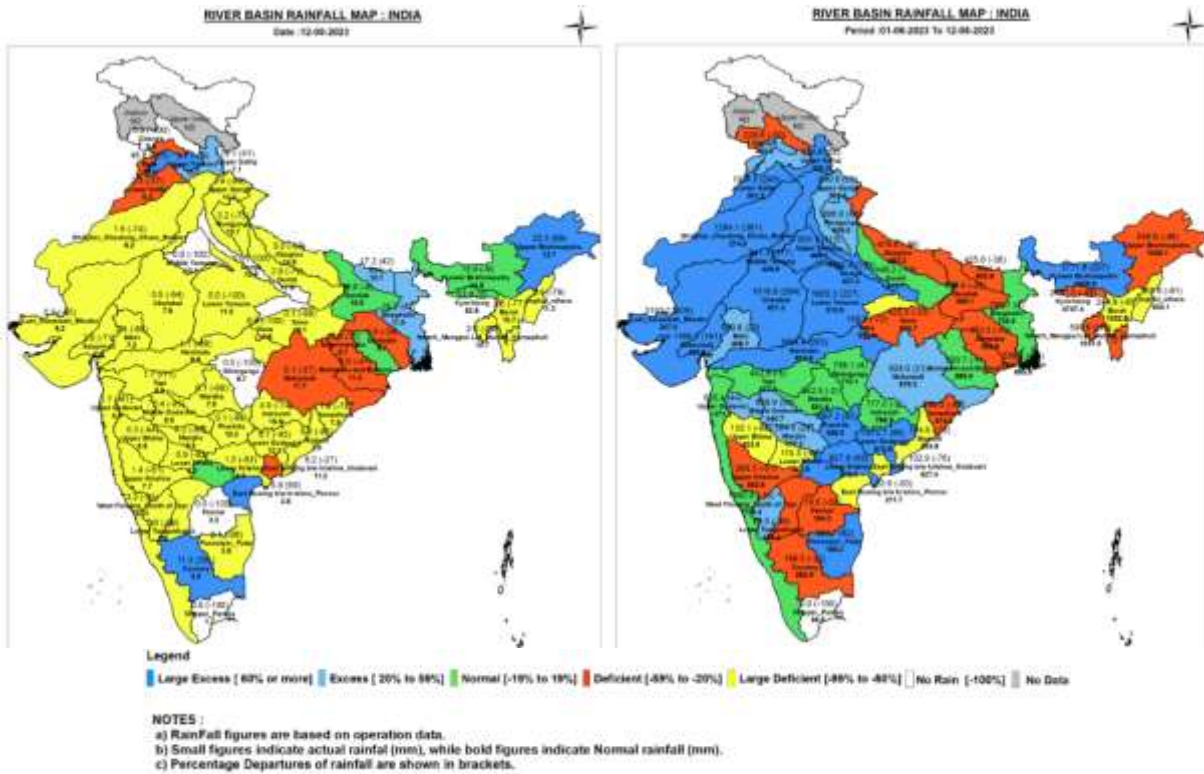




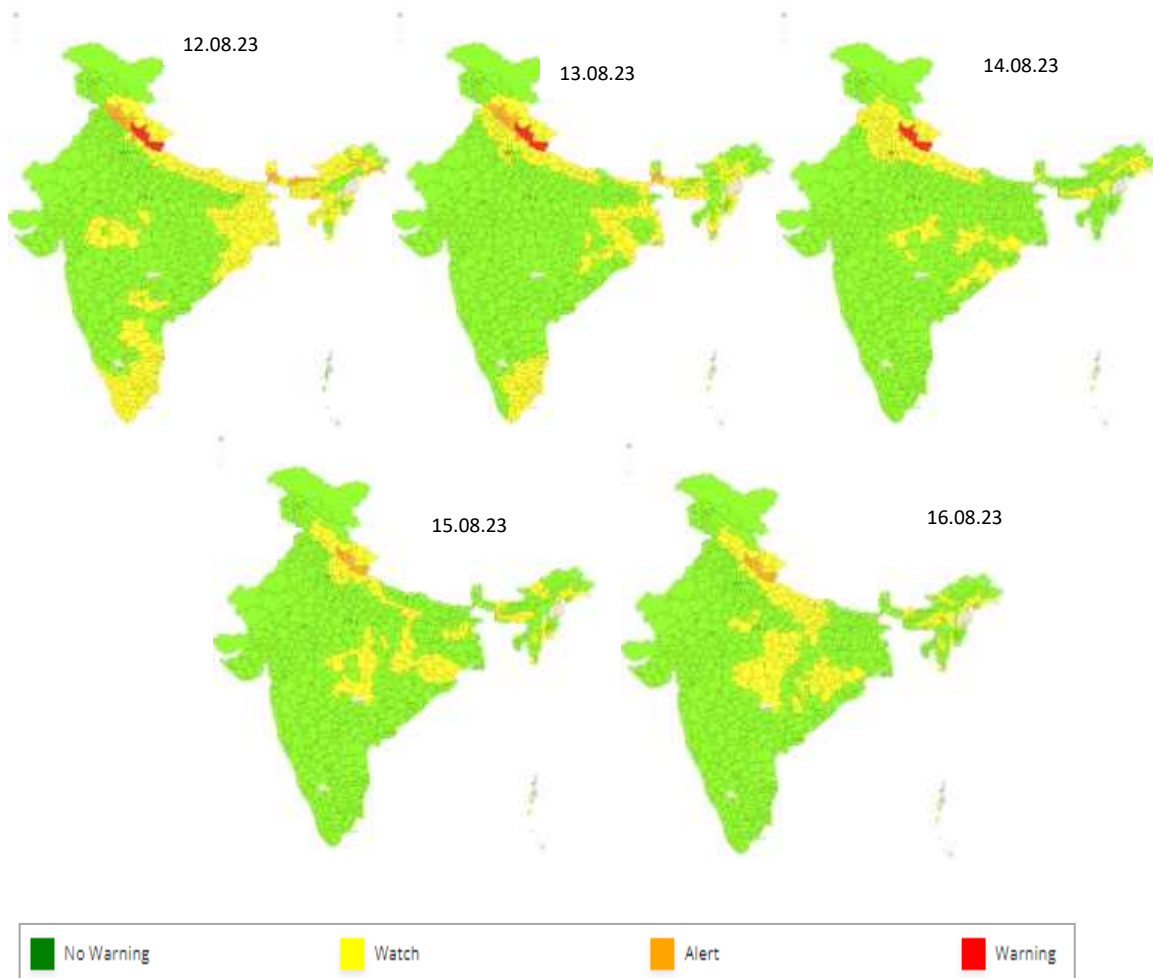
Central Water Commission
Daily Flood Situation Report cum Advisories
12-08-2023

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 12th August 2023 (Midday) by IMD



2.0 Flood Situation and Advisories

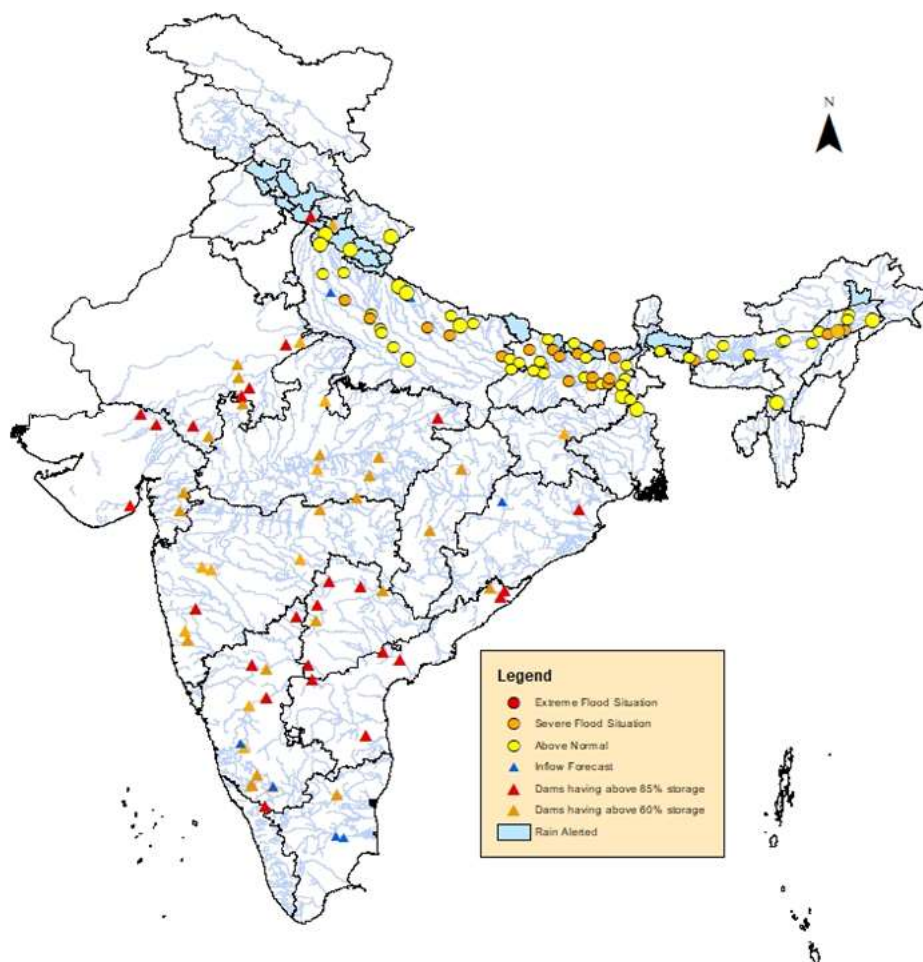
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 12th August 2023, 20 stations (10 in Bihar, 5 in Uttar Pradesh, 4 in Assam and 1 in Jharkhand) are flowing in Severe Flood Situation, 31 stations (10 each in Assam and Bihar, 8 in Uttar Pradesh and 3 in West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 10 Dams and Barrages (4 in Karnataka, 3 in Uttar Pradesh, 2 in Tamil Nadu and 1 in Uttarakhand).

FLOOD SITUATION SUMMARY			
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(4), Bihar(10), Jharkhand(1), Uttar Pradesh(5)	20
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(10), Bihar(10), Uttar Pradesh(8), West Bengal(3)	31
Total number of sites above Warning Level (A+B+C)			51
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)		Karnataka(4), Tamil Nadu(2), Uttar Pradesh(3), Uttarakhand(1)	10

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb12.08.2023_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Uttarakhand & Uttar Pradesh

IMD has predicted very heavy to extremely heavy rainfall in districts of **Dehradun, Haridwar, Tehri Grahwal, Pauri Grahwal, Nainital, Champawat and Udham Singh Nagar** for next 3 to 4 days. Alert for water level rise may be kept in rivers Sarda, Ramganga, Alaknanda, Tons and rivers of upper Yamuna and other small rivers over the region. Upper Yamuna river is getting increased runoff and projects such as Tehri dam (Tehri Garhwal dist) and projects of adjoining Uttar Pradesh such as Ch. Charan Singh Madhya Ganga barrage are getting increased inflow. Water level rise is expected (as per CWC flood forecast) in river Ganga in **Hapur, Buland Shahar, Buduan, Farukhabad** and in further d/s districts.

Uttarakhand

CWC Site	River	District	Flood Type	Trend in Water Level
Betalghat	Kosi	Nainital	Above Normal	Steady
Raysi	Solani	Haridwar	Above Normal	Steady
Kanjyoti	Dhuli	Pithoragarh	Above Normal	Rising

Uttar Pradesh

CWC Site	River	District	Flood Type	Trend in Water Level
Kachhlabridge	Ganga	Badaun	Severe	Falling
Elginbridge	Ghagra	Barabanki	Severe	Falling
Fatehgarh	Ganga	Farukhabad	Severe	Steady
Turtipar	Ganga	Ballia	Severe	Steady
Ayodhya	Ghagra	Ayodhya	Severe	Falling
Bhithaura	Ganga	Fatehpur	Above Normal	Rising
Kannauj	Ganga	Kannauj	Above Normal	Steady
Shardanagar	Sarda	Kheri	Above Normal	Steady
Ankinghat	Ganga	Kanpur Nagar	Above Normal	Steady
Moradabad	Ramganga	Moradabad	Above Normal	Rising
Garhmukteswar	Ganga	Hapur	Above Normal	Rising
Paliakalan	Sarda	Kheri	Above Normal	Steady
Chandradeepghat	Kwano	Gonda	Above Normal	Steady
Bansi	Rapti	Siddharthnagar	Above Normal	Steady
Kanpur	Ganga	Kanpur Nagar	Above Normal	Steady
Ankitghat	Ganga	Kanpur Nagar	Above Normal	Steady
Dabri	Ramganga	Shahjhanpur	Above Normal	Rising

Bihar

Past day's flood wave caused due to very heavy rainfall in Nepal and in nearby regions of Bihar had created severe flood situation in rivers Gandak, Kosi, Bagmati, Adhwara, Kamlabalan, Parman. As per CWC site network, water level in most of these rivers are in steady state conditions except lower regions. IMD has predicted increase in rainfall in upper catchment of these rivers situated in Nepal from tomorrow onwards, in such case water level will have rising conditions after the occurrence of heavy rains. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Darauli	Ghagra	Siwan	Severe	Steady
Dumriaghat	Gandak	Gopalganj	Severe	Falling
Lalganj	Gandak	Vaishali	Severe	Falling
Khagaria	Burhi Gandak	Khagaria	Severe	Steady
Runisaidpur	Bagmati	Muzaffarpur	Severe	Falling

Benibad	Bagmati	Muzaffarpur	Severe	Steady
Birpur	Kosi	Supaul	Severe	Steady
Baltara	Kosi	Khagaria	Severe	Steady
Kursela	Kosi	Katihar	Severe	Rising
Araria	Parman	Araria	Severe	Steady
Hathidah	Ganga	Patna	Severe	Steady
Sultanganj	Ganga	Bhagalpur	Severe	Steady
Azmabad	Ganga	Bhagalpur	Severe	Rising
Kahalgaon	Ganga	Bhagalpur	Severe	Steady
Dheng bridge	Bagmati	Sitamarhi	Above Normal	Steady
Jainagar	Kamla	Madhubani	Above Normal	Steady
Jhanjharpur	Kamalabalan	Madhubani	Above Normal	Steady
Dhengraghat	Mahananda	Purnia	Above Normal	Rising
Gandhighat	Ganga	Patna	Above Normal	Steady
Bhagalpur	Ganga	Bhagalpur	Above Normal	Rising

Himachal Pradesh

Rivers such as Tons, rivers of upper Yamuna, Beas, Satiuj and their tributaries are expected to get increased runoff since IMD has predicted heavy rainfall in districts **Kangra, Una, Hamirpur, Mandi, Bilaaspur, Solan, Shimla and Sirmaur**.

Sub-Himalayan West Bengal

IMD has predicted very heavy rains in districts **Darjeeling, Kalimpong, Jalpaiguri and Alipurduar** districts, hence keep alert for water level rise in rivers Mahananda, Jaldhaka, Raidak, Torsa, Teesta and their tributaries in above said districts.

Assam, Meghalaya, Arunachal Pradesh

As the monsoon trough is continuing at the foot hills of Himalayas, increased rainfall activity is expected to continue in NE states. In Assam very heavy rains are expected in **Kokrajhar, Chirang, Baksa**, along with districts of Meghalaya and Arunachal Pradesh. Hence water level rise is expected in Tributaries of Brahmaputra in above said districts and in main Brahmaputra in districts of lower Assam. Current flood situation in the state as per CWC network is as follows:

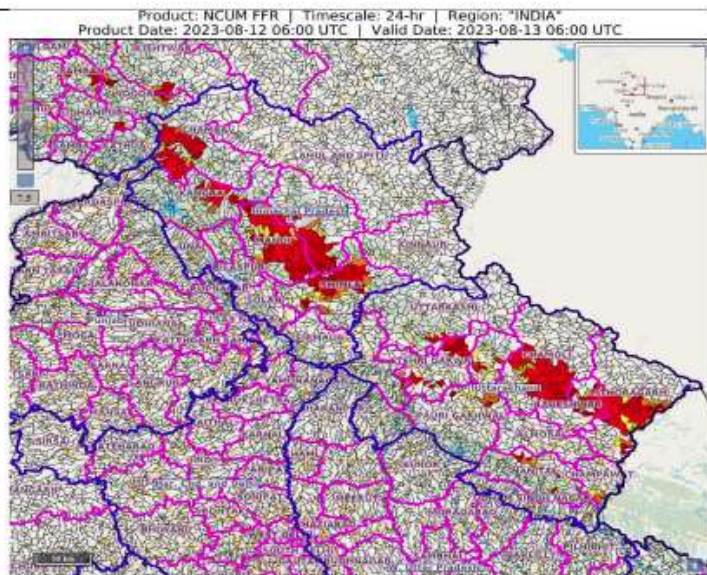
CWC Site	River	District	Flood Type	Trend in Water Level
Neamatighat	Brahmaputra	Jorhat	Severe	Steady
Dhubri	Brahmaputra	Dhubri	Severe	Steady
Sivasagar	Dikhow	Sivsagar	Severe	Falling
Nanglamoraghat	Desang	Sivsagar	Severe	Steady
Golokganj	Sankosh	Dhubri	Above Normal	Steady
Goalpara	Brahmaputra	Goalpara	Above Normal	Steady
NT Road crossing Jia-Bharali	Jiabharali	Sonitpur	Above Normal	Rising
Badatighat	subansiri	Lakhimpur	Above Normal	Rising
Numaligargh	Dhansiri	Golaghat	Above Normal	Steady
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Steady
Margherita	Buridehing	Tinsukia	Above Normal	Steady

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 13-08-2023 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of Himachal Pradesh and Uttarakhand 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 7-days

The flood situational FloodForecasting Stationslikely to be above warning level for next 7days

S.No.	Station	River	District	State	13-08-2023	14-08-2023	15-08-2023	16-08-2023	17-08-2023	18-08-2023	19-08-2023
1	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	S	S	S	S	S	S	S
2	DARAU LI	GHAGRA	SIWAN	Bihar	S	S	S	S	S	S	S
3	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	S	S	S	S	S	S	S
4	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	S	S	S	S	S	S	S
5	BALTARA	KOSI	KHAGARIA	Bihar	S	S	S	S	S	S	S
6	BIRGDHAT	RAPTI	GORAKHPUR	Uttar Pradesh	AN	S	S	S	S	S	S
7	DHENGGRAGHAT	MAHANANDA	PURNIA	Bihar	AN	S	S	S	S	AN	AN
8	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	S	S	S	S	S	S	S
9	FATEHGARH	GANGA	FARRUKHABAD	Uttar Pradesh	S	S	S	AN	AN	S	S
10	GANGPUR SISWAN	GHAGRA	SIWAN	Bihar	AN	AN	S	S	S	S	S
11	HATHIDAH	GANGA	PATNA	Bihar	S	AN	AN	AN	AN	AN	AN
12	JHANJHARPUR	KAMALABALAN	MADHUBANI	Bihar	S	S	S	AN	AN	AN	AN
13	JHAWA	MAHANANDA	KATI HAR	Bihar	AN	AN	AN	S	AN	AN	AN
14	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	S	S	S	S	S	S	S
15	KAHALGAON	GANGA	BHAGALPUR	Bihar	S	S	S	S	S	S	S
16	KAMTAUL	ADHWARA	DARBHANGA	Bihar	AN	S	S	AN	AN	AN	AN
17	KHAGARIA	BURHI GANDAK	KHAGARIA	Bihar	S	S	S	S	S	S	S
18	KURSELA	KOSI	KATI HAR	Bihar	S	S	S	S	S	S	S
19	SAHIBGANJ	GANGA	SAHIBGANJ	Jharkhand	S	S	S	S	S	S	S
20	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	S	S	S	S	S	S	E
21	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	S	S	S	S	S	S	S
22	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	AN	S	AN	AN	AN	AN	AN
23	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	S	S	S	S	S	S	S
24	MORADABAD	RAMGANGA	MORADABAD	Uttar Pradesh	AN	AN	S	S	S	S	S
25	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	S	S	S	S
26	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	S	S	S	AN	AN	AN	AN
27	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	S	S	S	S	S	S	S
28	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	S	S	AN	S	S	S
29	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	S	S	S	S	S	S	S

30	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	S	S	S	S	S	S	S
31	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	AN	AN	AN	S	S	S
32	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	AN	AN	S	S	S	S	S
33	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	S	S	S
34	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	S	S	S	S	AN	S
35	ANKINGHAT	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
36	BANSI	RAPTI	SIDDHARTH NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
37	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
38	BHAGALPUR	GANGA	BHAGALPUR	Bihar	AN	AN	AN	AN	AN	AN	AN
39	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
40	GARHMUKTESHWAR	GANGA	HAPUR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
41	KANNAUJ	GANGA	KANNAUJ	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
42	KANPUR	GANGA	KANPUR NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
43	GANDHIGHAT	GANGA	PATNA	Bihar	AN	AN	AN	AN	AN	AN	AN
44	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	AN	AN	AN	AN	AN	AN	AN
45	JAINAGAR	KAMLA	MADHUBANI	Bihar	AN	AN	AN	AN	AN	AN	AN
46	FARAKKA(FF)	GANGA	MURSHIDABAD	West Bengal	AN	AN	AN	AN	AN	AN	AN
47	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	AN	AN	AN	AN	AN	AN
48	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN	AN	AN
49	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	AN	AN	AN	AN
50	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	AN	AN	AN	AN	AN	AN	AN
51	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	AN	AN	AN	AN	AN	S	S

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 12th August 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	Mancheria/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, Mancheria(Telangana)					
7	Kaddam Dam	Kaddam/Middle Godavari/Godavari	Tel	Adilabad,Nirmal/Mancheria					
8	Nizamsagar Dam	Manjira/Manjira/Godavari	Tel	Medak/Kamareddy					
9	Thottapalli Reservoir	Vaigai/Upper Vaigai/East flowing rivers south of Cauvery Basin	AP	Vizianagaram					
10	Gotta Barrage	Vamsadhara/Vamsadhara/EFR (Mahanadi to Pennar)	AP	Srikakulam					
11	Prakasam Barrage	Krishna/Krishna	AP	Krishna /Guntur					
12	Pulichintala Dam	Krishna/Lower Krishna/Krishna	AP	Nalgonda(Tel)/Guntoor, Krishna(AP)					
13	Sunkesula	Tungabhadra/Krishna	AP	Kurnool/Raichur(Kar)/JogalambaGadwal(Telangana)					
14	NarayanapuramAnicut	Nagavali/East flowing rivers between Mahanadi and Pennar	AP	Srikakulam					
15	Karanja Dam	Karanja/Manjira/Godavari	kar	Bidar (Kar), Vikarabad(Telangana)/Bidar(Kar)Bidar					
16	kabini	Kabini/Kabini/ Cauvery	Kar	Wayanad (Ker)/Mysuru(Kar)					

17	Harangi Dam	Harangi/Harangi/Cauvery	Kar	Kodagu/Mysuru,Hassan					
18	Hemavathy Dam	Hemavathy/Hemavathy/Cauvery	Kar	Hassan, Kodagu/Mandya, Mysore					
19	Krishnarajasagar	Cauvery/Upper Cauvery	Kar	Mandya					
20	Bhadra Dam	Bhadra/Upper Tungabhadra/Krishna	Kar	Chikmagaluru/Shimoga					
21	Almatti Dam	Krishna/Upper Krishna/Krishna	Kar	"Kolhapur(Maharashtra)/ Bagalkote(Karnataka)"					
22	Narayanpur Dam	Krishna/Upper Krishna/Krishna	Kar	Bagalkot, Vijayapura/Raichur,Yaadgir					
23	Tungabhadra Dam	Tungabhadra/Middle Tungabhadra/Krishna	Kar	Gadag/Bellary, Koppal, Raichur					
24	Hipparagi Barrage	Krishna/ Krishna	Kar	Bagalkot,Koppal, Raichur					
25	Singatalur Barrage	Tungabhadra/ Krishna /Krishna	Kar	Gadag, Vijayanagara, Dharwad					
26	Sathnur	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	TN	Vizianagaram					
27	Dantiwada Dam	Banas/Western Flowing River (Kutch &Saurashtra)	Guj	Banaskantha					
28	Dharoi Dam	Sabarmati/Sabarmati Basin	Guj	Mehsana					
29	Shetrunji Dam	Shetrunji/WFR (Kutch & Saurashtra)	Guj	Bhavnagar					
30	SardarSarovar Dam	Narmada/Narmada b/w Hosangabaad to SSP/Narmada	Guj	Nrmada(Guj), Nadurbar(MP)/Narmada, Vadodra, Bharuch (Guj)					
31	Ukai Dam	Tapi/Tapi/Tapi	Guj	Nadurbar(Mah), Tapi(Guj)/ Surat (Guj)					
32	Veer Dam	Nira/Upper Bhima/Krishna	Mah	Pune, Satara					
33	Upper Wardha Project	Wardha/Wardha/Godavari	Mah	Wardha, Amravati					
34	N M D Weir	Godavari/Upper Godavari/Godavari	Mah	Nasik ,Ahmadnagar					
35	Totladoh Project	Pench/Wainganga/Godavari	Mah	Chindwara(MP)/Nagpur(Mah)					
36	Warana Dam	Warna river/Upper Krishna/Krishna	Mah	Sangli,Kolhapur					

37	Issapur/Upper Penganga Project	Kayadhu/Penganga/Godavari	Mah	Hingoli, Yavatmal					
38	Mula Dam	Mula/Upper Godavari/Godavari	Mah	Ahmadnagar					
39	Koyna Dam	Koyna/Upper Krishna/Krishna	Mah	Satara					
40	Ujjani Dam	Bhima/Upper Bhima/Krishna	Mah	Pune, Solapur					
41	Rana PratapSagar	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
42	Kota Barrage	Chambal/Upper Chambal/Ganga	Raj	Neemuch(MP)/Dholpur, Kota, Bundi(Raj)					
43	Bisalpur Dam	Banas/Upper Chambal/Ganga	Raj	Bhilwara/Tonk					
44	Gudha Dam	Mejchambal/Upper Chambal/Ganga	Raj	Bhilwara/Bundi					
45	SomKamlaAmba Dam	Som/Mahi B/Mahi	Raj	Udaipur/Dungarpur					
46	Mahi Bajajsagar Dam	Mahi/Mahi B/Mahi	Raj	Ratlam(MP)/Banswara, Pratapgarh,Dungapur (Raj)					
47	Panchana Dam	Gambhiri/Upper Chambal/Ganga	Raj	Karauli,Bharatpur					
48	Parwati Weir	Parbati/Upper Chambal/Ganga	Raj	Dholpur					
49	Bargi Dam	Narmada/Upper Narmada/Narmada	MP	Mandla, Seoni/Jabalpur, Narsimhapur					
50	Pench Reservoir	Pench/Godavari	MP	Chhindwara/Seoni					
51	Barna Dam	Barna/Middle Narmada/Narmada	MP	Raisen					
52	Sanjay Sarovar Project(U wen Pro)	Wainganga/Wainganga/Godavari	MP	Seoni/Balaghat					
53	Gandhisagar Dam	Chambal/Upper Chambal/Ganga	MP	Mandsaur,Neemuch(MP)/Dholpur(Raj)					
54	Indira Sagar Dam	Narmada/Narmada b/w Hosangabad to SSP/Narmada	MP	Harda, Dewas, Khandwa/Khargone					
55	Tawa Dam	Tawa/Middle Narmada/Narmada	MP	Betul,Hoshnabad/Sehore					
56	Ban Sagar	Sone/ Upper Sone/Ganga	MP	Shahdol					
57	Rajghat Dam	Betwa/Betwa/Ganga	MP	Ashok Nagar					

58	Tehri Dam	Bhagirathi/Ganga/Ganga	UK	Uttarkashi/TehriGarhwal/PauriGarhwal					
59	Ichari Dam	Tons/Yamuna/Ganga	UK	Dehradun/Nahan(HP)					
60	Ravishankar Dam	Mahanadi/Upper Mahanadi/Mahanadi	Chhatisgarh	Kanker/Dhamtari,Raipur					
61	Bango Dam	Hasdeo/Upper Mahanadi/Mahanadi	Chhatisgarh	Koriya,Korba/JanjgirChampa					
62	Salandi Dam	Salandi/Brahmani and Baitarni/Brahmani and Baitarni	Odisha	Mayurbhanj,Kendujhar/Bhadrak					
63	Tenughat Dam	Damodar/Damodar/Ganga	Jharkhand	Bokaro					

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

