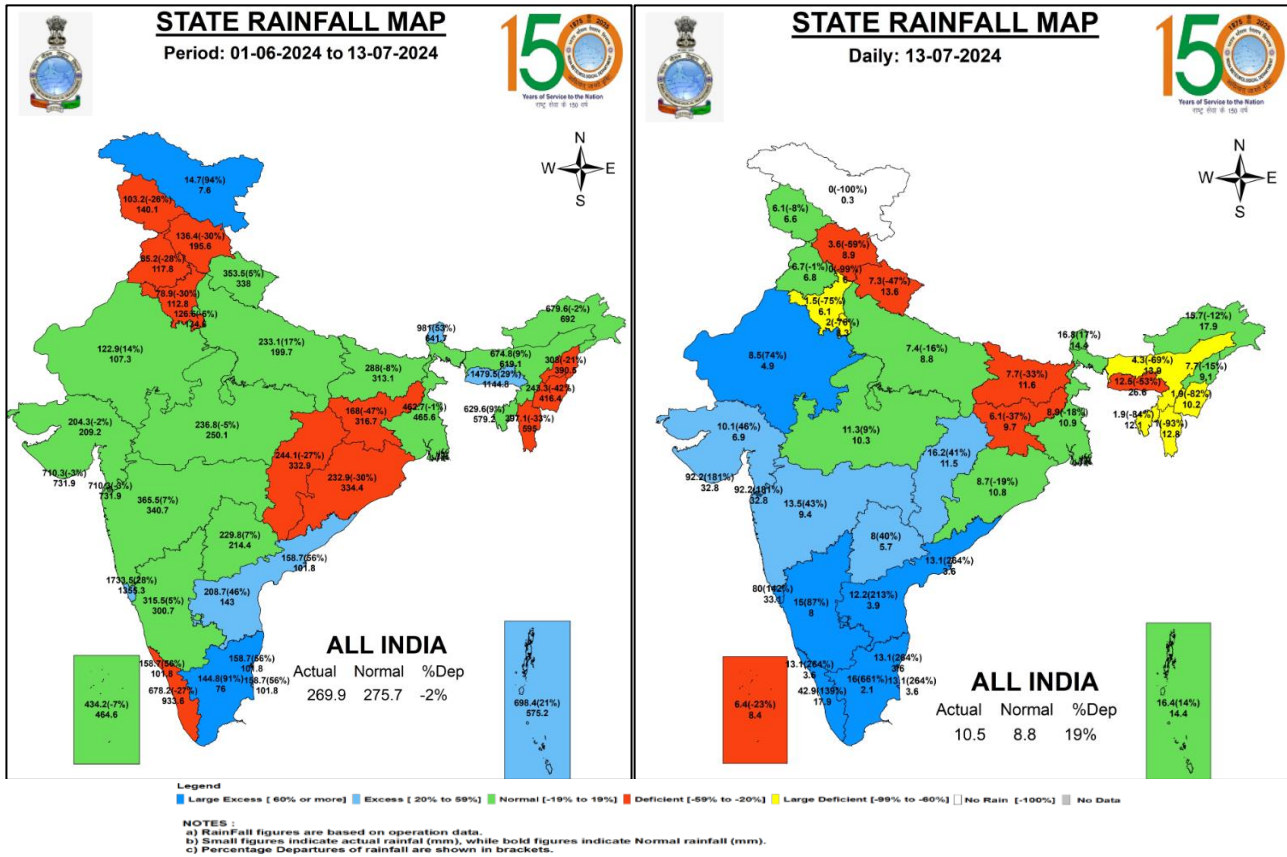




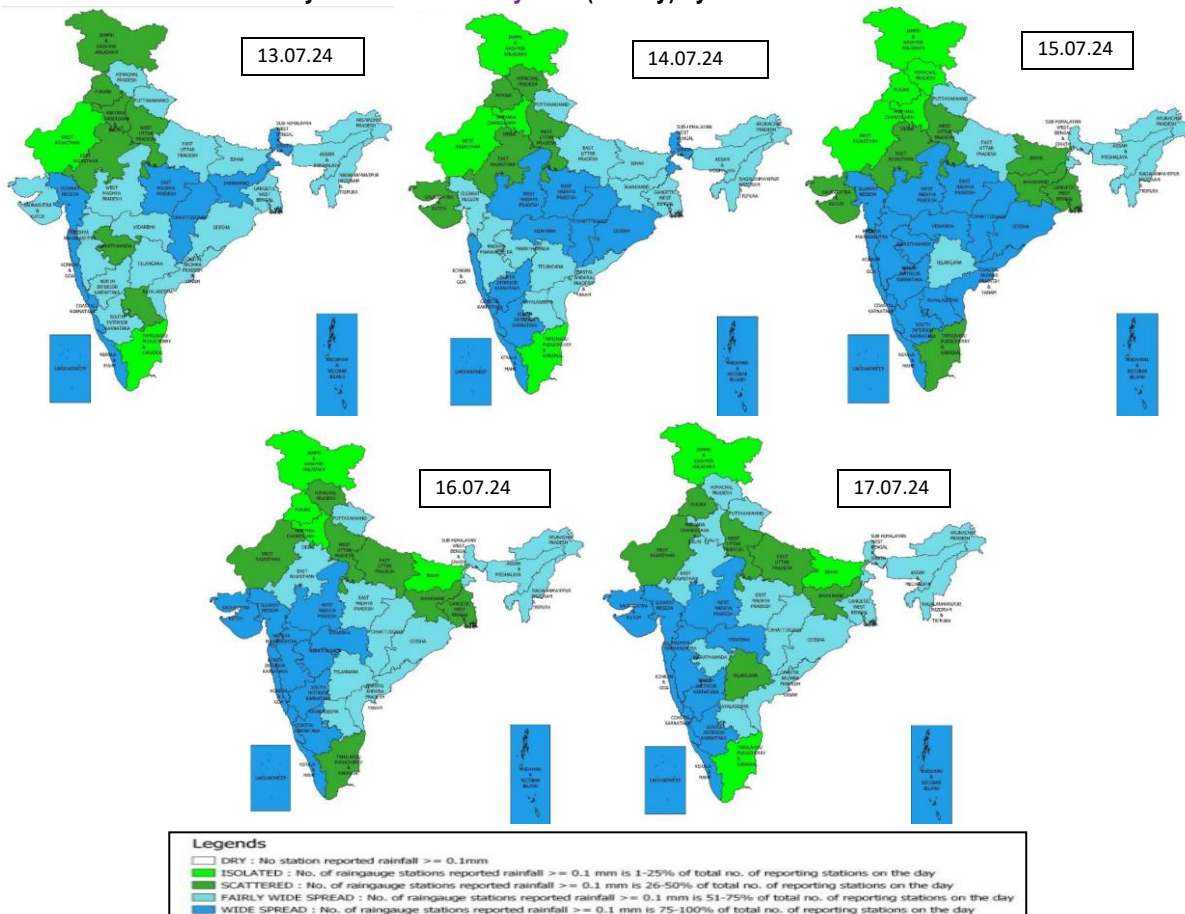
Central Water Commission
Daily Flood Situation Report cum Advisories
13-07-2024

1.0 Rainfall Situation

1.1 Statewise departure from normal of cumulative and daily rainfall



1.2 Rainfall forecast for next 5 days issued on 13th July 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

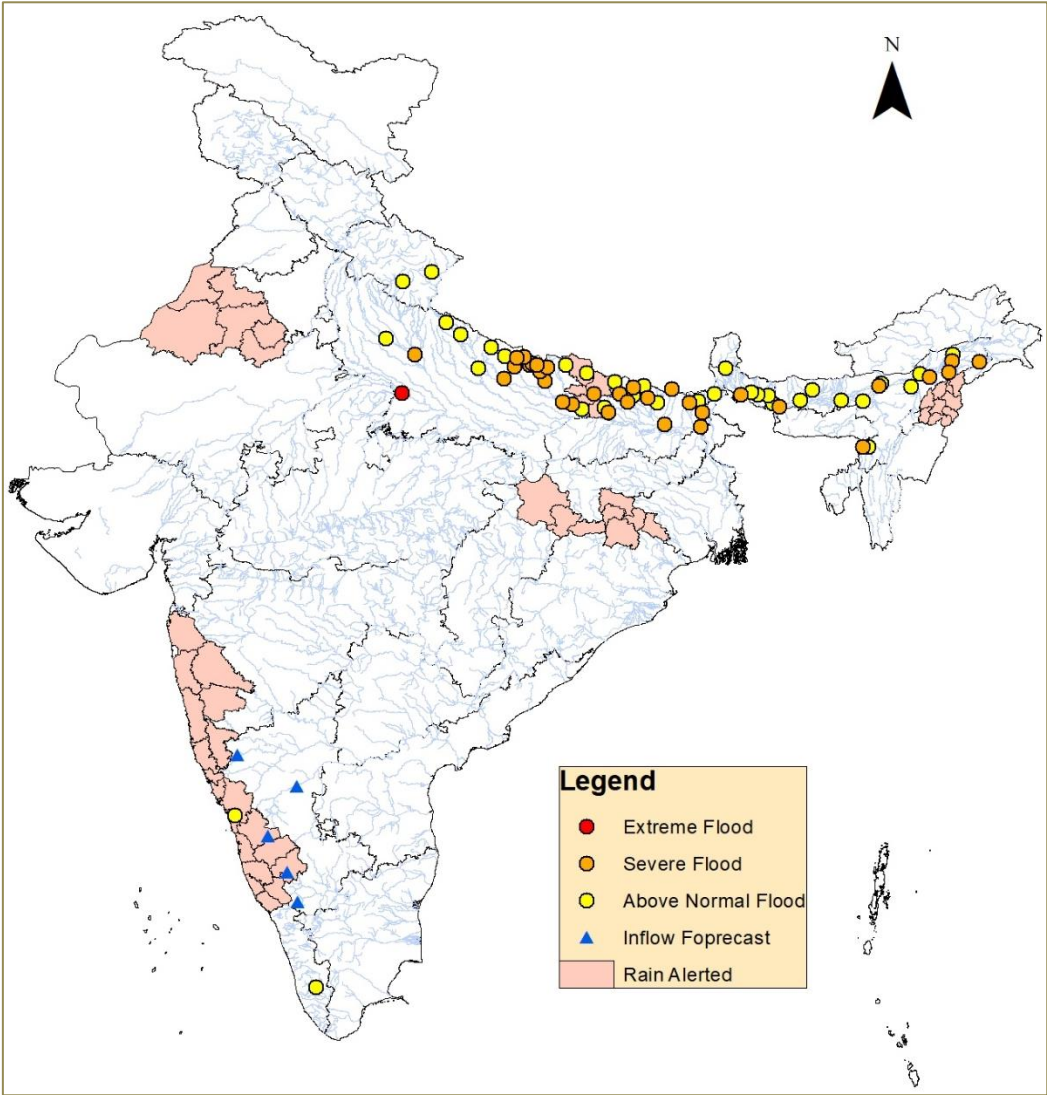
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 13th July 2024, 19 Stations (9 in Bihar, 6 in Assam and 4 in Uttar Pradesh) are flowing in Severe Flood Situation, 28 stations (11 in Assam 7 in Bihar, 5 in Uttar Pradesh, 4 in West Bengal & 1 in Sikkim) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 5 dams and barrages in Karnataka.

PART - I: LEVEL FORECAST		(Total Sites - 200)		
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(6), Bihar(9), Uttar Pradesh(4)	19	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(11), Bihar(7), Sikkim(1), Uttar Pradesh(5), West Bengal(4)	28	
Total number of sites above Warning Level (A+B+C)			47	
PART - II: INFLOW FORECAST		(Total Sites - 138)		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		Karnataka(5)	5	

Details are given at link: https://cwc.gov.in/sites/default/files/cfcrwcdfb13.07.2024_5.pdf

Flood Situation Map

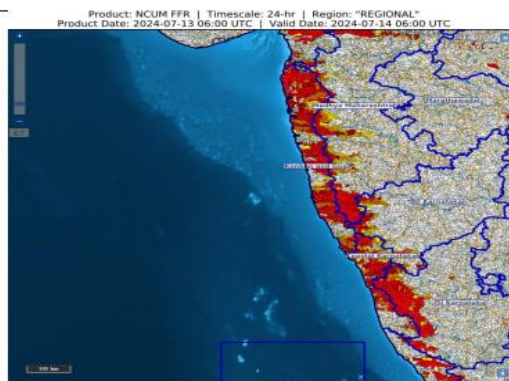


2.2 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 14-07-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Southern parts of Gujarat Region, Konkan & Goa, Coastal Karnataka & adjoining SI Karnataka Met Sub-divisions** during next 24 hours.

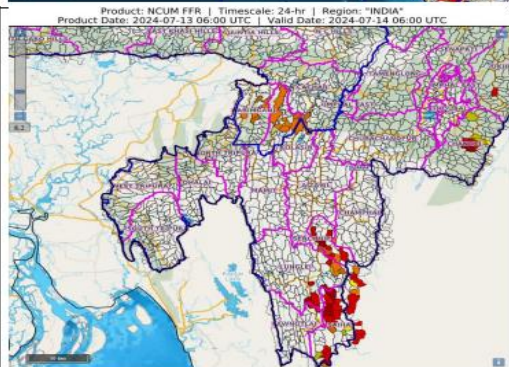
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 14-07-2024 :

Low flash flood risk likely over few watersheds & neighbourhoods of **Southern parts of Assam & Meghalaya** and NMMT Met Sub-divisions during next 24 hours.

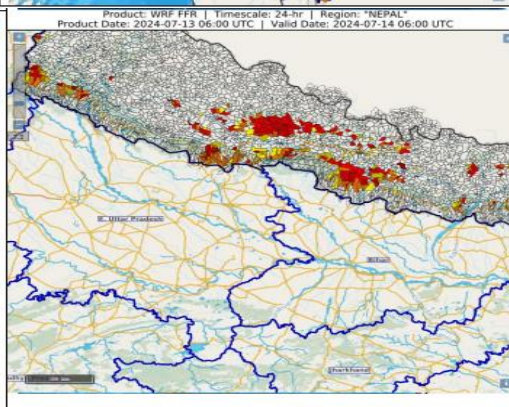
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Flash Flood Risk (FFR) Outlook till 0600 UTC of 14.07.2024:

Low to Moderate flash flood risk likely over few watersheds & neighborhoods of **Central Nepal** (as shown in adjacent map) 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.



2.3 CWC Advisories

Main Synoptic Features and Very Heavy Rainfall (as per IMD)

- The Monsoon trough is north of its normal position at mean sea level.
 - The off-shore trough runs along south Gujarat-north Kerala coasts at mean sea level.
 - A cyclonic circulation over East Bihar and another over northeast Assam & a trough runs from northeast Assam to northwest Bay of Bengal in lower tropospheric levels.
1. Isolated very heavy rainfall also likely over Konkan & Goa, Kerala, Coastal & South Interior Karnataka, Ghat regions of Madhya Maharashtra during 13th-17th and Gujarat State on 16th & 17th July.
 2. Isolated very heavy rainfall also likely over Nagaland on 14th and Odisha during 15th-17th July.

Gujarat

Increased water levels is expected in Ambika, Purna (Surat dist.), Damanganga (Valsad dist.) for 24 hrs. Increased inflow expected into Madhuban dam.

Assam

Water level is expected to fall in rivers of Lower Brahmaputra, Middle and Upper Brahmaputra for next 24 hrs. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Dhubri	Brahmaputra	Dhubri	Severe	Steady
Neamatighat	Brahmaputra	Jorhat	Severe	Steady
Tezpur	Brahmaputra	Sonitpur	Severe	Steady
Nanglamoraghat	Desang	Sivasagar	Severe	Steady
Karimganj	Kushiyara	Karimganj	Severe	Falling
Chenimari	Buridehing	Dibrugarh	Severe	Steady
Margherita	Buridehing	Tinsukia	Severe	Falling
Beki Rd Bridge	Beki	Barpeta	Above Normal	Rising
Golokganj	Sankosh	Dhubri	Above Normal	Rising
Sivasagar	Dikhow	Sivasagar	Above Normal	Rising
NT Rd crossing Jia Bharali	Jiabharali	Sonitpur	Above Normal	Steady
Guwahati(DC Court)	Brahmaputra	Kamrup	Above Normal	Steady
Dharamtul	Kopili	Marigaon	Above Normal	Steady
Goalpara	Brahmaputra	Goalpara	Above Normal	Steady
Badatighat	Subansiri	Lakhimpur	Above Normal	Steady
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Falling
Badarpurghat	Barak	Karimganj	Above Normal	Falling
Numaligarh	Dhansiri(S)	Golaghat	Above Normal	Falling

West Bengal & Sikkim

Flood situation expected to continue in Teesta, Jaldhaka, Torsa, Raidak and its tributaries for next 24 hrs. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Ghugumari	Torsa	Cooch Behar	Above Normal	Rising
Melli	Teesta	Namchi	Above Normal	Falling
Tufanganj	Raidak-1	Cooch Behar	Above Normal	Falling
Jaldhaka NH-31	Jaldhaka	Jalpaiguri	Above Normal	Falling

Bihar

Flood situation is expected to continue in rivers Kosi, Mahananda, Bagmati, Adhwara, Gandak rivers for next 24 hrs. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Saharghat	Adwara	Madhubani	Severe	Rising
Benibad	Bagmati	Muzaffarpur	Severe	Rising
Dhengraghat	Mahananda	Purnia	Severe	Rising
Lalganj	Gandak	Vaishali	Severe	Rising
Baltara	Kosi	Khagaria	Severe	Steady
Labha	Fulhar	Katihar	Severe	Steady
Araria	Parman	Araria	Severe	Steady
Darauli	Ghagra	Siwan	Severe	Steady

Runisaidpur	Bagmati	Muzaffarpur	Severe	Falling
Birpur	Kosi	Supaul	Severe	Falling
Jhanjarpur	Kamlabalan	Madhubani	Severe	Falling
Jhawa	Mahananda	Katihar	Severe	Falling
Dumariaghat	Gandak	Gopalganj	Severe	Steady
Chargharia	Mahananda	Kishanganj	Above Normal	Rising
Kamtaul	Adhwara	Darbhanga	Above Normal	Rising
Chanpatia	Burhi Gandak	Paschim Champaran	Above Normal	Rising
Saulighat	Adhwara	Madhubani	Above Normal	Rising
Basua	Kosi	Supaul	Above Normal	Steady
Dheng Bridge	Bagmati	Sitamarhi	Above Normal	Steady
Gangpur Siswan	Ghaghra	Siwan	Above Normal	Steady
Rewaghat	Gandak	Muzaffarpur	Above Normal	Steady
Jainagar	Kamla	Madhubani	Above Normal	Falling
Taibpur	Mahananda	Kishanganj	Above Normal	Falling

Uttar Pradesh

Water level expected to rise in Rapti, Burhi Rapti rivers. Flood situation expected to continue in Rapti, Burhi Rapti, Gandak, Ghagra, Ramganga rivers for next 24 hrs. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Birdghat	Rapti	Gorakhpur	Severe	Rising
Bansi	Rapti	Siddhartnagar	Severe	Rising
Kakrahi	Burhi Rapti	Siddhartnagar	Severe	Rising
Dabri	Ramganga	Shahjahanpur	Severe	Rising
Uskabazar	Burhi Rapti	Siddhartnagar	Severe	Rising
Muhchurwaghat	Burhi Rapti	Siddhartnagar	Severe	Rising
Turtipar	Ghagra	Ballia	Severe	Steady
Chandradeepghat	Kwano	Gonda	Severe	Steady
Regauli	Rapti	Gorakhpur	Severe	Steady
Porsohan Ghat	Burhi Rapti	Siddhartnagar	Severe	Steady
Trimohinighat	Rohin	Maharajganj	Severe	Steady
Balrampur	Rapti	Balrampur	Above Normal	Rising
Bhinga	Rapti	Shrawasti	Above Normal	Rising
Paliakalan	Sarda	Kheri	Above Normal	Steady
Kachlabridge	Ganga	Budaun	Above Normal	Steady
Elginbridge	Ghaghra	Barabanki	Above Normal	Steady
Khadda	Gandak	Kushi Nagar	Above Normal	Falling
Ayodhya	Ghagra	Ayodhya	Above Normal	Falling
Shardanagar	Sarda	Kheri	Above Normal	Falling

Madhya Pradesh

Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Sarva	Pana	Bhind	Extreme	Steady

Karnataka

Karnataka Water level rise is expected in Kabini, Harangi, Shambhavi, Swarna, Haladi, Aghanashini, Netravathi, Gurpur, Sita and small rivers in Dakshin Kannada, Udupi, Uttara Kannad, Shimoga, Chikmangallur Kolagu, districts for next 24 hrs.

Maharashtra

Water level rise is expected in Upper Bhima, Bav, Kajvi, Kal, Gad, Ulhas, Vaitarna, Damanganga, Vashisti and other small rivers in districts Pune, Satara, Kolhapur, Sindhudurg, Raigad, Palghar and Thane for next 24 hrs.

Kerala

Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Pullakayar	Manimala	Kottayam	Above Normal	Steady

3.0 Advisory Flood Forecast for next 7-days in Table form

The flood situational Flood Forecasting Stations likely to be above warning level for next 7 days

S.No.	Station	River	District	State	14-07-2024	15-07-2024	16-07-2024	17-07-2024	18-07-2024	19-07-2024	20-07-2024
1	DAMAN	DAMAN GANGA	DAMAN	Daman & Diu	N	N	N	N	N	E	N
2	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	S	E	E	E	E	E	E
3	ANNAPURNA GHAT	BARAK	CACHAR	Assam	N	N	AN	S	S	S	S
4	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	AN	AN	AN	S	S	S	S
5	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	S	AN	AN	S	S	S	S
6	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	S	AN	AN	N	N	N	N
7	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	S	AN	N	N	N	N	N
8	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	S	S	AN	AN	AN	AN	AN
9	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	S	S	AN	AN	AN	AN	AN
10	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	AN	AN	AN
11	ARARIA	PARMAN	ARARIA	Bihar	S	S	AN	AN	AN	AN	S
12	VAPI	DAMAN GANGA	VALSAD	Gujarat	N	N	N	N	N	S	N
13	BALRAMPUR	RAPTI	BALRAMPUR	Uttar Pradesh	AN	S	S	S	AN	AN	AN
14	BALTARA	KOSI	KHAGARIA	Bihar	S	S	S	S	S	S	S
15	BANSI	RAPTI	SIDDHARTH NAGAR	Uttar Pradesh	S	S	S	S	S	S	AN
16	BHAGALPUR	GANGA	BHAGALPUR	Bihar	N	N	N	AN	AN	AN	S
17	BIRDGHAT	RAPTI	GORAKHPUR	Uttar Pradesh	S	S	S	S	AN	AN	AN
18	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	S	AN	AN	AN	N	N	N
19	DARAULI	GHAGRA	SIWAN	Bihar	S	S	S	S	S	S	S
20	DHENGRAGHAT	MAHANANDA	PURNIA	Bihar	S	S	S	AN	AN	AN	AN
21	HATHIDAH	GANGA	PATNA	Bihar	N	N	AN	AN	S	S	S

22	JHANJHARPUR	KAMALABALAN	MADHUBANI	Bihar	S	S	S	S	S	S	S
23	JHAWA	MAHANANDA	KATIHAR	Bihar	S	AN	AN	AN	N	N	N
24	KAHALGAON	GANGA	BHAGALPUR	Bihar	N	AN	AN	S	S	S	S
25	KHAGARIA	BURHI GANDAK	KHAGARIA	Bihar	N	AN	AN	AN	S	S	S
26	KURSELA	KOSI	KATIHAR	Bihar	AN	AN	AN	S	S	S	S
27	GANDHIGHAT	GANGA	PATNA	Bihar	AN	AN	S	S	S	S	S
28	SAHIBGANJ	GANGA	SAHIBGANJ	Jharkha nd	N	AN	AN	AN	AN	S	S
29	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	S	S	S	S	S	S	S
30	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	S	S	S	S	S	S	S
31	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	AN	AN	AN	S	S	S	S
32	JAINAGAR	KAMLA	MADHUBANI	Bihar	S	AN	AN	AN	AN	AN	AN
33	RUNISAIDPUR	BAGMATI	MUZAFFARPU R	Bihar	S	S	S	S	S	S	S
34	BHANDARA	WAINGANGA	BHANDARA	Mahara shtra	N	N	N	N	N	N	S
35	MATIJURI	KATAKHAL	HAILAKANDI	Assam	N	N	N	AN	AN	AN	AN
36	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	AN	AN	AN	N	N	N
37	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	AN	AN	AN	AN	AN
38	DHARAMTUL	KOPILI	MARIGAON	Assam	AN	N	N	N	N	N	N
39	DIBRUGARH	BRAHMAPUTR A	DIBRUGARH	Assam	AN	AN	AN	AN	AN	AN	AN
40	GOALPARA	BRAHMAPUTR A	GOALPARA	Assam	AN	AN	AN	AN	AN	AN	AN
41	GUWAHATI(D.C.C OURT)	BRAHMAPUTR A	KAMRUP	Assam	AN	AN	AN	AN	N	N	N
42	NT ROAD CROSSING JIA- BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN	AN	AN
43	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	N	N	N	N	N	AN
44	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	N	N	AN	AN	N	N	AN
45	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	AN	AN	AN	AN	N	N	N
46	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN

47	DIGHAGHAT	GANGA	PATNA	Bihar	N	N	N	AN	AN	AN	AN
48	EKMIGHAT	ADHWARA	DARBHANGA	Bihar	N	N	N	N	N	AN	AN
49	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
50	GANGPUR SISWAN	GHAGRA	SIWAN	Bihar	AN	AN	AN	AN	AN	AN	AN
51	HAYAGHAT	BAGMATI	DARBHANGA	Bihar	N	N	N	N	N	AN	AN
52	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
53	KAMTAUL	ADHWARA	DARBHANGA	Bihar	AN	AN	AN	AN	AN	AN	AN
54	KHADDA	GANDAK	KUSHINAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
55	MUNGER	GANGA	MUNGER	Bihar	N	N	N	N	AN	AN	AN
56	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	AN	AN	AN	AN	AN	AN	AN
57	ROSERA	BURHI GANDAK	SAMASTIPUR	Bihar	N	AN	AN	AN	AN	AN	AN
58	TAIBPUR	MAHANANDA	KISHANGANJ	Bihar	AN	AN	AN	AN	AN	AN	AN
59	KOPERGAON	GODAVARI	AHMADNAGAR	Maharashtra	N	N	N	N	N	N	AN
60	DOWLAISWARA M (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	Andhra Pradesh	N	N	N	AN	AN	AN	AN
61	SONBARSA	ADHWARA	SITAMARHI	Bihar	AN	AN	AN	N	N	N	AN
62	NASIK	GODAVARI	NASHIK	Maharashtra	N	N	N	N	N	AN	AN
63	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	N	N	N	N	N	N
64	TUFANGANJ	RAIDAK-I	COOCH BEHAR	West Bengal	AN	AN	AN	AN	AN	AN	AN
65	GHUGUMARI	TORSA	COOCH BEHAR	West Bengal	AN	N	N	N	N	N	N
66	JALDHAKA NH-31	JALDHAKA	JALPAIGURI	West Bengal	AN	N	N	N	N	N	N
67	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	AN	AN	N	N	N	N
68	MELLI	TEESTA	NAMCHI	Sikkim	AN	AN	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).

4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 13th July 2024

Storage above 85%		QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
Storage above 60%										

Sl.No.	Reservoir/Dams	River/Sub-Basin /Basin	State	US/DS District	Rainfall situation				
					Day1	Day2	Day3	Day4	Day 5
1	Thottapalli Reservoir	Nagavali/Nagavali&Others/ERF (Mahanadi to Pennar)	Andhra Pradesh	Vizianagaram					
2	Gotta Barrage	Vamsadhara/Vamsadhara/EFR(Mahanadi to Pennar)	Andhra Pradesh	Srikakulam					
3	Sunkesula Barrage	Tungabhadra/Lower Tungabhadra/Krishna	Andhra Pradesh	Kurnool					
4	Prakasam Barrage	Krishna/Lower Krishna/ Krishna	Andhra Pradesh	Krishna/ Sunkur					
5	Totladoh Project	Pench/Wainganga/Godavari	Maharashtra	Nagpur					
6	Singatalur Barrage	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Gadag/LKD Hyderabad					
7	Kabini Reservoir	Kabini/Middle Cauvery/Cauvery	Karnataka	Mysore					
8	Harangi Reservoir	Harangi/Upper Cauvery/Cauvery	Karnataka	Kodagu					
9	Almatti Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
10	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmednagar					
11	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
12	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch (MP)/Dholpur, Kota, Bundi(Raj)					
13	PD Jurala	Krishna/Upper Krishna/Krishna	Telangana	Mahbubnagar					

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