



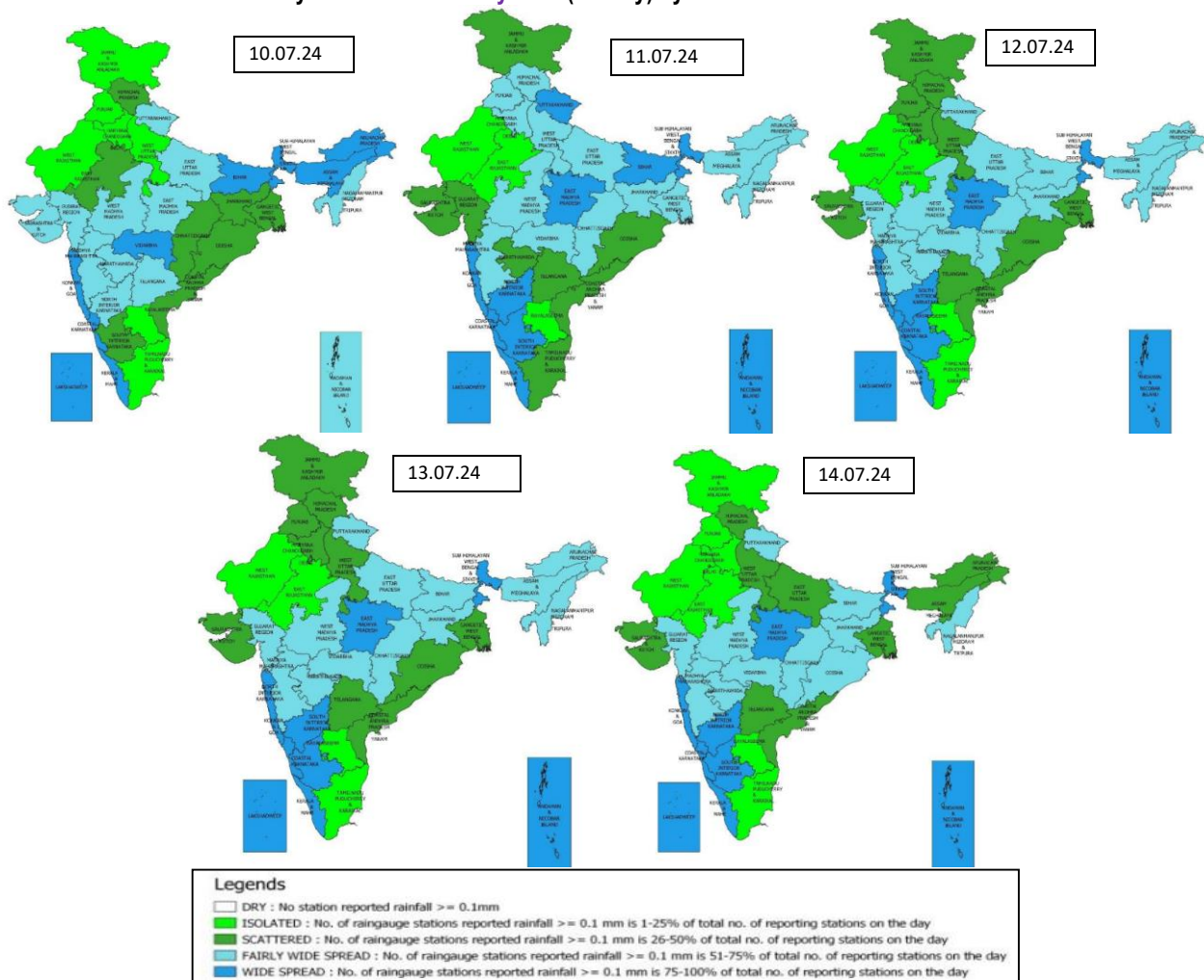
Central Water Commission
Daily Flood Situation Report cum Advisories
10-07-2024

1.0 IMD information

1.1 Major Amount of rainfall recorded at 0830 hours IST of today (7cm or more) as per IMD

Name of Place (State)	Rainfall (in cm)
Dighalbank (Bihar)	16
Lodhika(Gujarat)	13
Bahadurganj (Bihar), Vanthali & Manavadar (Gujarat), Kumargram(WB)	11
Panjim(Goa), Malia & Banaskantha (Gujarat)	10
Pothia (Bihar), Rudhauri(UP), Barobhisha (WB), Gohad(MP), Talala, Lathi, Dhoraji & Mendarda (Gujarat)	9
Taibpur (Bihar), Mapusa(Goa), Bhanvad, Keshod & Ranavav (Gujarat), Banswara (Rajasthan)	8
Siswan & Tedhagach (Bihar), Kurai(MP), Erandol (Maharashtra), Palawancha & Burgampadu(Telangana), Dungarpur(Rajasthan), Mahemdavad, Bagasra,Nakhatrana (Gujarat)	7

1.2 Rainfall forecast for next 5 days issued on 10th July 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

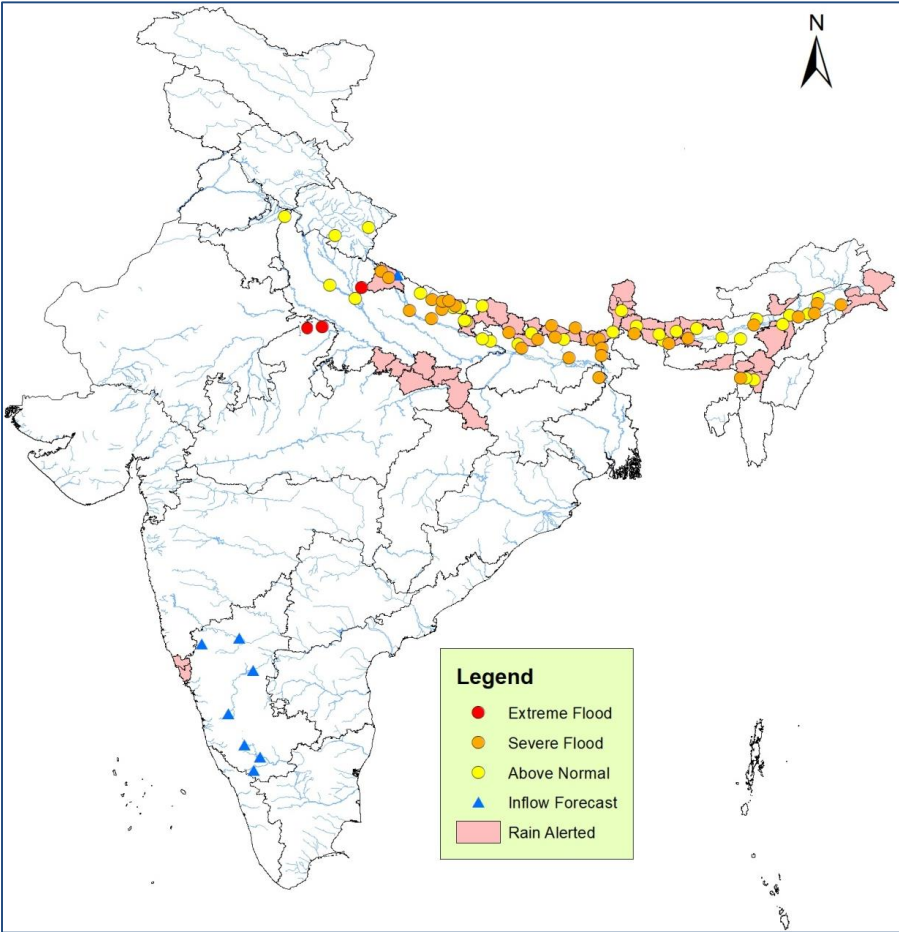
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 10th July 2024, 18 Stations (8 in Bihar, 6 in Assam, 3 in Uttar Pradesh and 1 in West Bengal) are flowing in Severe Flood Situation, 28 stations (13 in Assam, 7 in Uttar Pradesh, 5 in Bihar, 2 in West Bengal and 1 in Sikkim) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 8 Dams and Barrages (7 in Karnataka and 1 in Uttar Pradesh)

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(8), Uttar Pradesh(3), West Bengal(1)	18	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(13), Bihar(5), Sikkim(1), Uttar Pradesh(7), West Bengal(2)	28	
Total number of sites above Warning Level (A+B+C)			46	
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(7), Uttar Pradesh(1)	8	

Details are given at link: https://cwc.gov.in/sites/default/files/cfrcwcdfb-10.07.2024_6.pdf

Flood Situation Map

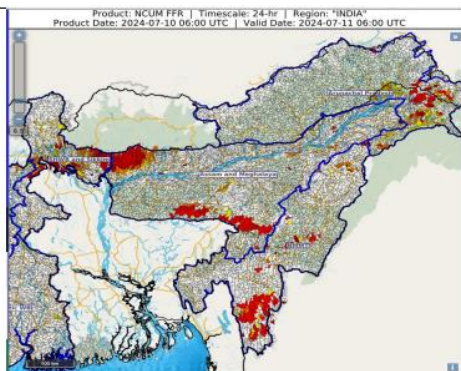


2.2 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 11-07-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of extreme Eastern parts of **Arunachal Pradesh**, North-west and southern parts of **Assam & Meghalaya**, Southern parts of **NMMT** and **SHWB & Sikkim** Met Sub-divisions during next 24 hours.

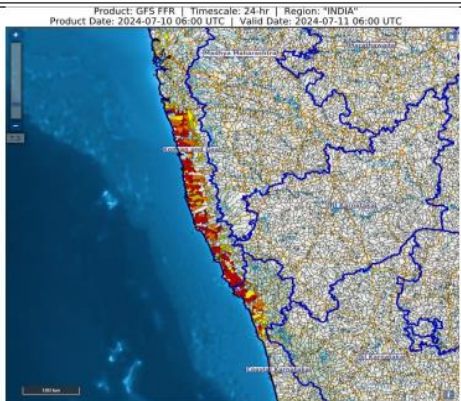
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 11-07-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Coastal Karnataka** and **Konkan & Goa** Met Sub-divisions during next 24 hours.

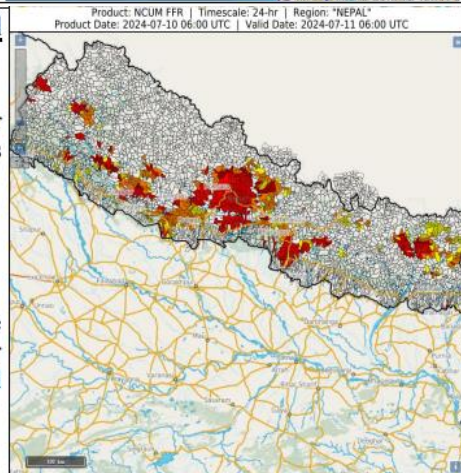
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Flash Flood Risk Outlook till 0600 UTC of 11.07.2024:

Low to Moderate flash flood risk likely over few watersheds & neighborhoods of **Nepal** (as shown in adjacent map) during next 24 hours.

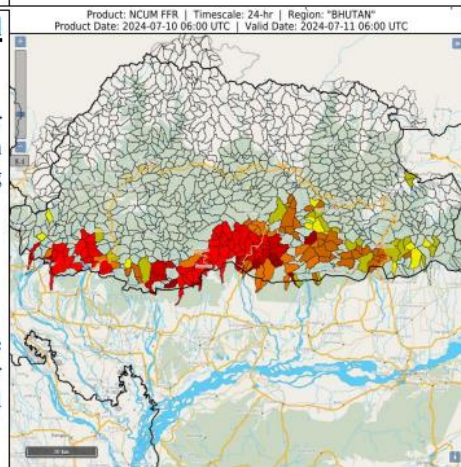
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Flash Flood Risk Outlook till 0600 UTC of 11.07.2024:

Low to Moderate flash flood risk likely over few watersheds & neighborhoods of **Southern Bhutan** (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 Feature and Rainfall Alert (as per IMD)

- The Monsoon trough is active and it is near to its normal position in lower tropospheric levels.
 - A shear zone runs over north peninsular India in middle tropospheric levels tilting southwards with height.
 - The off-shore trough at mean sea level runs along north Maharashtra- north Kerala coasts.
 - A cyclonic circulation over Kutch in lower tropospheric levels tilting southwestwards with height.
 - A cyclonic circulation over northeast Assam & neighbourhood and an east-west trough runs from northeast Uttar Pradesh to the above cyclonic circulation over northeast Assam in lower tropospheric levels.
1. Isolated heavy to very heavy rainfall very likely over Konkan & Goa, Madhya Maharashtra and Coastal Karnataka during 10th-14th.
 2. Isolated very heavy rainfall also likely over Goa on 10th & 11th; Konkan during 12th-14th and Gujarat State today.
 3. Isolated extremely heavy rainfall very likely over Sub-Himalayan West Bengal & Sikkim, Meghalaya on 10th & 11th and Bihar on 11th July.
 4. Isolated very heavy rainfall also likely over East Uttar Pradesh on 10th & 11th and East Madhya Pradesh on 11th July.

Assam

Water level rise is expected in rivers of Lower Brahmaputra such Gurang, Champamati and other small rivers in Kokrajhar, Dhubri, South Salmara Mancachar districts. In middle and upper Brahmaputra and its tributaries are expected to be in steady to falling conditions. Current flood situation in the state as per CWC network is as follows:

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

West Bengal & Sikkim

Water level rise is expected to rise in rivers 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
Mekhliganj	Teesta	Cooch Behar	Severe	Steady
Jaldhaka NH-31	Jaldhaka	Jalpaiguri	Above Normal	Steady
Tufanganj	Raidak-1	Cooch Behar	Above Normal	Falling
Melli	Teesta	Namchi (S)	Above Normal	Falling

Bihar

Water level is expected to rise in Kosi (Supaul dist.), Mahananda, Parman (Araria, Kishanganj dists.) rivers in next 24 hrs. The flood wave initiated in Gandak of Nepal region is traversing downstream and hence severe to above normal flood situations is expected to prevail in Muzaffarpur, Vaishali, Gopalganj, Kushinagar districts 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
Chargharia	Mahananda	Kishanganj	Severe	Rising
Dhengraghat	Mahananda	Purnia	Severe	Rising
Baltara	Kosi	Khagaria	Severe	Rising
Jainagar	Kamla	Madhubani	Severe	Rising
Benibad	Bagmati	Muzaffarpur	Severe	Rising
Jhawa	Mahananda	Katihar	Severe	Rising
Araria	Parman	Araria	Severe	Steady
Labha	Fulhar	Katihar	Severe	Steady
Lalganj	Gandak	Vaishali	Severe	Falling
Birpur	Kosi	Supaul	Severe	Falling
Dumariaghat	Gandak	Gopalganj	Severe	Falling
Jhanjarpur	Kamlabalan	Madhubani	Severe	Falling
Darauli	Ghagra	Siwan	Above Normal	Rising
Basua	Kosi	Supaul	Above Normal	Steady
Rewaghat	Gandak	Muzaffarpur	Above Normal	Falling
Taibpur	Mahananda	Kishanganj	Above Normal	Falling
Runisaidpur	Bagmati	Muzaffarpur	Above Normal	Falling

Uttar Pradesh and Uttarakhand

Water level is expected to fall in Kosi, Ramganga, Sharda rivers in Pithogharh, Nainital, Udham Singh Nagar districts for next 24 hrs.

In Uttar Pradesh, flood initiated in Nepal in rivers Ghagra, Rapti and its tributaries are traversing downstream, hence water level rise in Ghagra is expected in districts Ayodhya Ambekar Nagar, Gorakhpur, Ballia in next 24 hrs. Severe to above normal flood situations are also expected for next 24 hrs in Gandak, Ghagra, Rapti, Burhi Rapti, rivers as the flood is travelling downstream. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Shahjahanpur	Deoha	Shahjahanpur	Extreme	Steady
Shardanagar	Sarda	Kheri	Severe	Rising

PorsohanGhat	BurhiRapti	Siddhartnagar	Severe	Rising
Kakrahi	BurhiRapti	Siddhartnagar	Severe	Rising
Ayodhya	Ghagra	Ayodhya	Severe	Steady
Muhchurwaghat	BurhiRapti	Siddhartnagar	Severe	Steady
Chandradeepghat	Kwano	Gonda	Severe	Falling
Paliakalan	Sarda	Kheri	Severe	Falling
Balrampur	Rapti	Balrampur	Severe	Falling
Elginbridge	Ghagra	Barabanki	Severe	Falling
Uskabazar	BurhiRapti	Siddhartnagar	Above Normal	Falling
Dabri	Ramganga	Shahjahanpur	Above Normal	Rising
Turtipar	Ghagra	Ballia	Above Normal	Rising
Birdghat	Rapti	Gorakhpur	Above Normal	Rising
Regauli	Rapti	Gorakhpur	Above Normal	Rising
Bansi	Rapti	Siddhartnagar	Above Normal	Rising
Fatehgarh	Ganga	Fatehgarh	Above Normal	Steady
Khadda	Gandak	Kushi Nagar	Above Normal	Steady
Kachlabridge	Ganga	Budaun	Above Normal	Falling
Bhinga	Rapti	Shrawasti	Above Normal	Falling

CWC Site	River	District	Flood Type	Trend in Water Level
Betalghat	Kosi	Nainital	Above Normal	Steady
Thal	Ramganga	Pithoragarh	Above Normal	Steady

Madhya Pradesh

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

Goa

In Goa keep alert for water level rise in Khadepar, Madai, Zuari and Mandovi rivers for next 24 hrs.

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	11-07-2024	12-07-2024	13-07-2024	14-07-2024	15-07-2024	16-07-2024	17-07-2024
1	ANNAPURNA GHAT	BARAK	CACHAR	Assam	AN	AN	AN	AN	AN	S	E
2	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	S	S	S	S	S	S	E
3	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	S	E	E	E	E	E	E
4	DARAULI	GHAGRA	SIWAN	Bihar	S	S	E	E	E	E	E
5	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	AN	AN	AN	AN	AN	S	S
6	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	S	S	S	S	AN	AN	N
7	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	AN	AN	S	S	AN	AN
8	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	S	AN	AN	S	AN	AN	AN
9	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	S	S	S	S	AN	N	N
10	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	S	S	S	S	S	S	AN
11	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	AN	AN	AN	AN	AN	S
12	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	S	S	S	S	S	S	AN
13	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	S	S	S	S
14	ARARIA	PARMAN	ARARIA	Bihar	S	S	S	S	AN	AN	AN
15	AYODHYA	GHAGRA	AYODHYA	Uttar Pradesh	S	S	S	S	S	S	AN
16	BALRAMPUR	RAPTI	BALRAMPUR	Uttar Pradesh	S	AN	S	S	S	S	AN
17	BALTARA	KOSI	KHAGARIA	Bihar	S	S	S	S	S	S	S
18	BIRDGHAT	RAPTI	GORAKHPUR	Uttar Pradesh	S	S	S	S	S	S	S
19	CHATIA	GANDAK	PURBA CHAMPARAN	Bihar	N	AN	S	S	AN	AN	N
20	DHENGRAGHAT	MAHANANDA	PURNIA	Bihar	S	S	S	S	AN	AN	AN
21	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	S	AN	N	N	N	N	N

22	GANGPUR SISWAN	GHAGRA	SIWAN	Bihar	N	AN	AN	S	S	S	S
23	JHANJHARPUR	KAMALABALA N	MADHUBANI	Bihar	S	S	S	S	S	S	S
24	JHAWA	MAHANANDA	KATIHAR	Bihar	S	AN	AN	AN	N	N	N
25	KHADDA	GANDAK	KUSHINAGAR	Uttar Pradesh	AN	S	S	S	AN	AN	AN
26	GANDHIGHAT	GANGA	PATNA	Bihar	N	N	AN	AN	S	S	S
27	REWAGHAT	GANDAK	MUZAFFARPU R	Bihar	S	S	S	S	S	S	S
28	TURTIPAR	GHAGRA	BALLIA	Uttar Pradesh	S	S	S	S	S	S	S
29	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	S	S	S	S	S	S	S
30	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	AN	S	S	S	AN	AN	AN
31	JAINAGAR	KAMLA	MADHUBANI	Bihar	S	S	S	S	S	S	S
32	RUNISAIDPUR	BAGMATI	MUZAFFARPU R	Bihar	AN	S	S	S	S	S	S
33	TAIBPUR	MAHANANDA	KISHANGANJ	Bihar	S	S	S	AN	AN	AN	AN
34	SONBARSA	ADHWARA	SITAMARHI	Bihar	N	N	S	S	AN	N	N
35	MATIJURI	KATAKHAL	HAILAKANDI	Assam	N	N	N	N	N	N	AN
36	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	AN	AN	AN	AN	AN	AN	AN
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	AN
39	DIBRUGARH	BRAHMAPUTR A	DIBRUGARH	Assam	AN	AN	AN	AN	AN	AN	AN
40	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	AN	AN	AN	AN	AN	AN	AN
41	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	AN	AN	AN	AN	AN	AN	AN
42	NAMSAI	NAO DEHING	NAMSAI	Arunachal Pradesh	AN	AN	AN	N	N	N	N
43	KOKRAJHAR	GAURANG	KOKRAJHAR	Assam	AN	AN	AN	AN	AN	AN	AN
44	MUTHANKERA	KABINI	WAYANAD	Kerala	N	N	N	N	N	AN	N
45	BANSI	RAPTI	SIDDHARTH NAGAR	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
46	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
47	DABRI	RAMGANGA	SHAHJHANPU R	Uttar Pradesh	AN	N	N	N	N	N	N
48	DIGHAGHAT	GANGA	PATNA	Bihar	N	N	N	N	AN	AN	AN
49	EKMIGHAT	ADHWARA	DARBHANGA	Bihar	N	N	AN	AN	AN	AN	AN

50	FATEHGARH	GANGA	FARRUKHABA D	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
51	HATHIDAH	GANGA	PATNA	Bihar	N	N	N	N	N	AN	AN
52	HAYAGHAT	BAGMATI	DARBHANGA	Bihar	N	N	AN	AN	AN	AN	AN
53	KACHHLABRIDGE	GANGA	BUDAUN	Uttar Pradesh	AN	AN	AN	AN	AN	AN	AN
54	KAHALGAON	GANGA	BHAGALPUR	Bihar	N	N	N	N	N	AN	AN
55	KAMTAUL	ADHWARA	DARBHANGA	Bihar	N	N	AN	AN	N	N	N
56	KHAGARIA	BURHI GANDAK	KHAGARIA	Bihar	N	N	N	N	AN	AN	AN
57	KURSELA	KOSI	KATI HAR	Bihar	N	N	N	N	AN	AN	AN
58	LALBEGIAGHAT	BURHI GANDAK	PURBA CHAMPARAN	Bihar	N	N	AN	AN	AN	AN	AN
59	MANER	SONE	PATNA	Bihar	N	N	N	N	N	N	AN
60	ROSERA	BURHI GANDAK	SAMASTIPUR	Bihar	N	N	N	AN	AN	AN	AN
61	SAHIBGANJ	GANGA	SAHIBGANJ	Jharkhan d	N	N	N	N	N	N	AN
62	SIKANDARPUR (MUZZAFARPUR)	BURHI GANDAK	MUZAFFARPU R	Bihar	N	N	N	AN	AN	AN	AN
63	DOWLAISWARAM (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	Andhra Pradesh	N	AN	AN	AN	AN	AN	AN
64	GOLOKGANJ	SANKOSH	DHUBRI	Assam	AN	AN	AN	AN	AN	N	N
65	TUFANGANJ	RAIDAK-I	COOCH BEHAR	West Bengal	AN	AN	AN	AN	AN	AN	AN
66	JALDHAKA NH-31	JALDHAKA	JALPAIGURI	West Bengal	AN	AN	AN	N	N	N	N
67	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	AN	AN	AN	AN	AN	AN
68	MELLI	TEESTA	NAMCHI	Sikkim	AN	AN	AN	AN	AN	N	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).

4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 10th July 2024

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				
					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/ Guntur					
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	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmednagar					
10	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					

11	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch (MP)/Dholpur, Kota, Bundi(Raj)					
12	PD Jurala	Krishna/Upper Krishna/Krishna	Telangana	Mahbubnagar					
13	Ichari Dam	Tons/Upper Yamuna/Ganga	Uttarakhand	Dehradun/Nahan (HP)					

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