



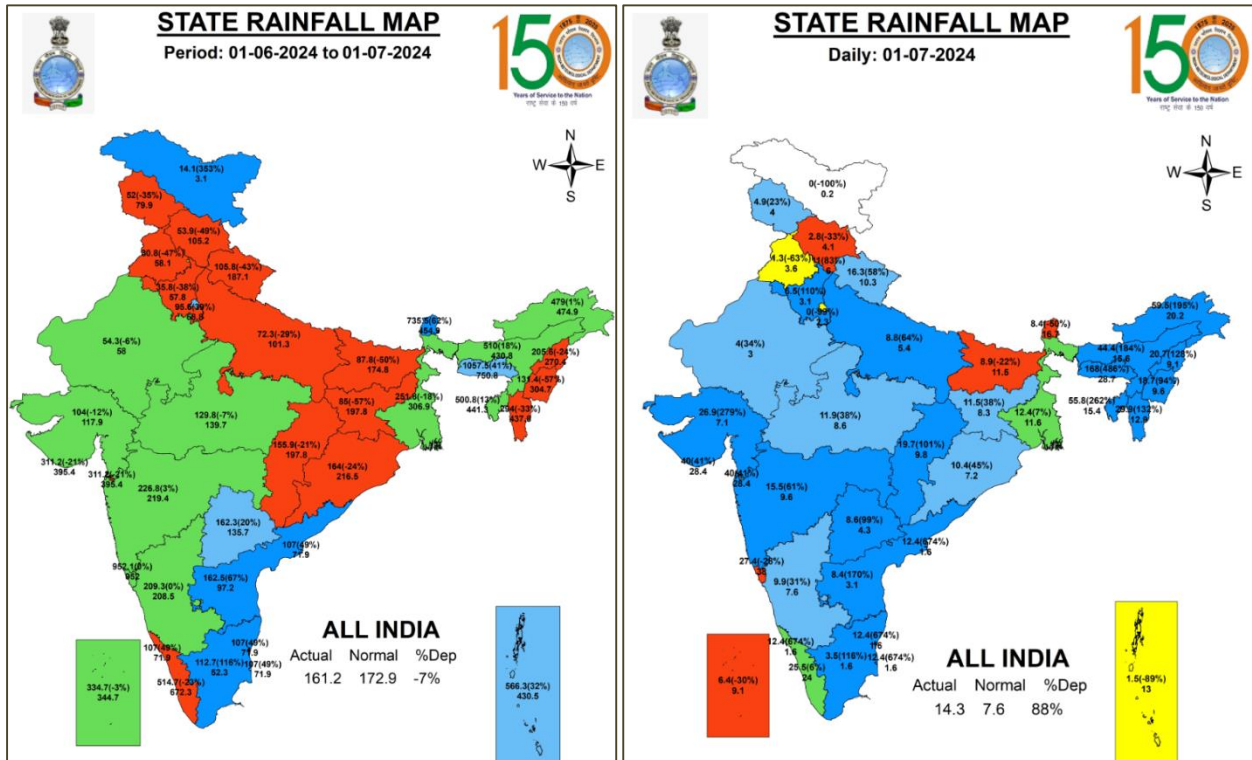
Central Water Commission

Daily Flood Situation Report cum Advisories

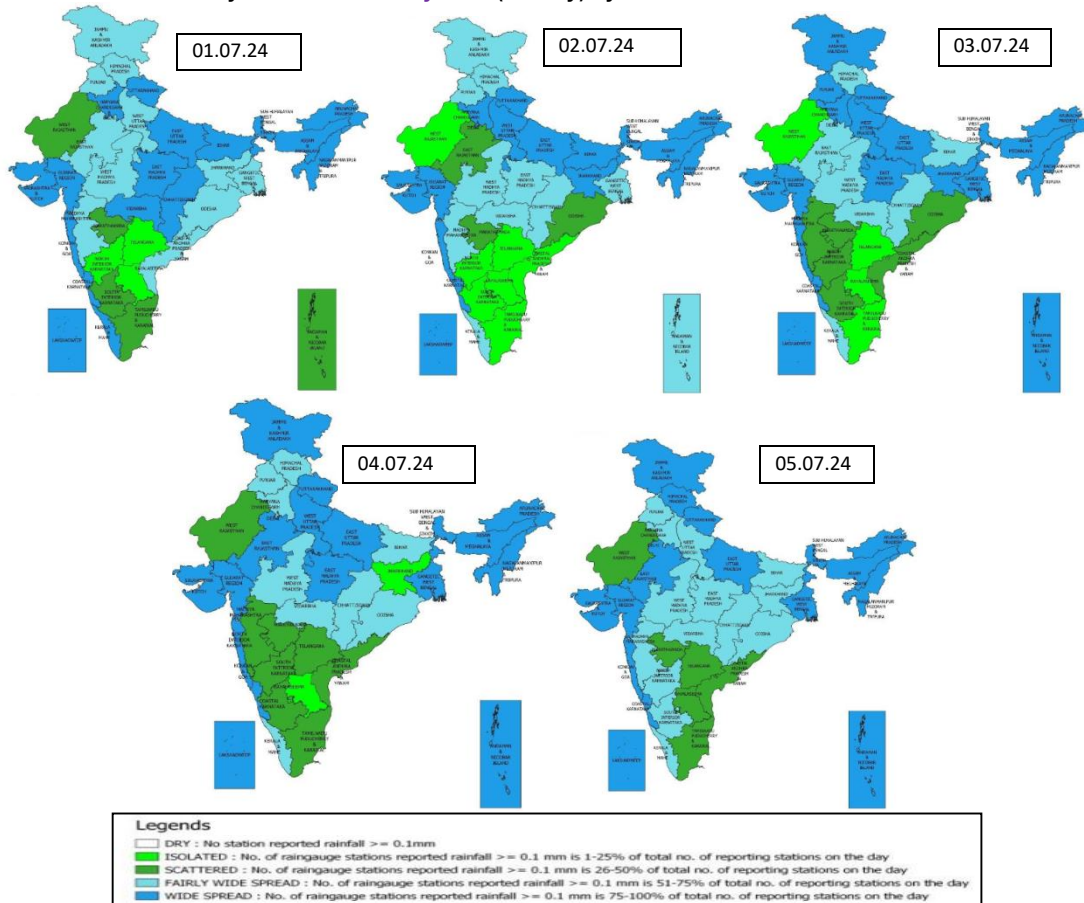
01-07-2024

1.0 Rainfall Situation

1.1 State wise departure from normal of cumulative and daily rainfall



1.2 Rainfall forecast for next 5 days issued on 1st July 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

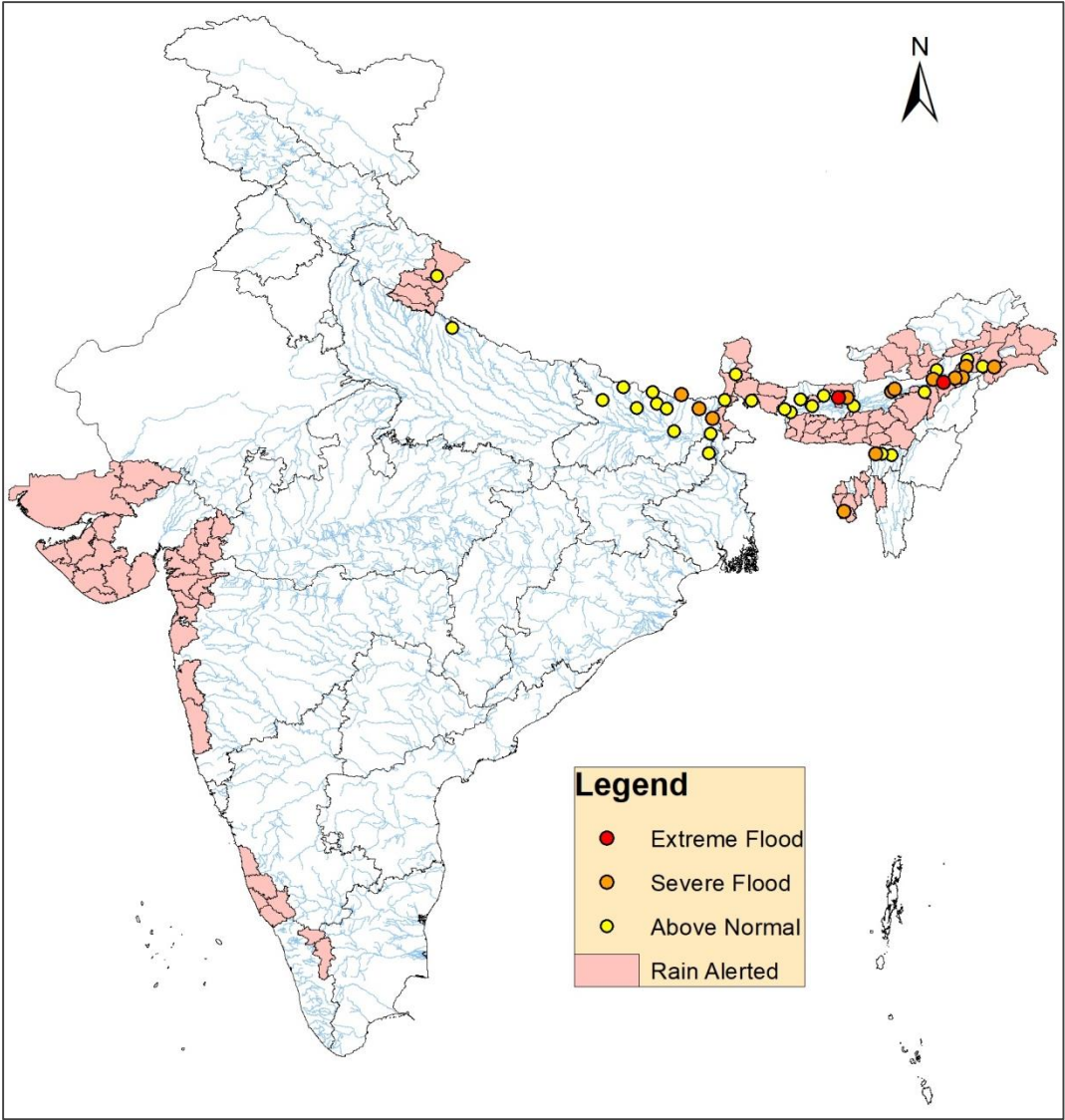
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 1st July 2024, 1 station in Assam is flowing in Extreme Flood Situation, 10 Stations (8 in Assam & 2 in Bihar) are flowing in Severe Flood Situation, 23 stations (12 in Assam, 9 in Bihar, and 1 each in Sikkim & West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 5 Dam and Barrages (4 in Karnataka and 1 in Uttarakhand)

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)	Assam(1)	1	
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	Assam(8), Bihar(2)	10	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(12), Bihar(9), Sikkim(1), West Bengal(1)	23	
Total number of sites above Warning Level (A+B+C)			34	
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(4), Uttarakhand(1)	5	

Details are given at link:https://cwc.gov.in/sites/default/files/cfcrwcdfb-01.07.2024_5.pdf

Flood Situation Map

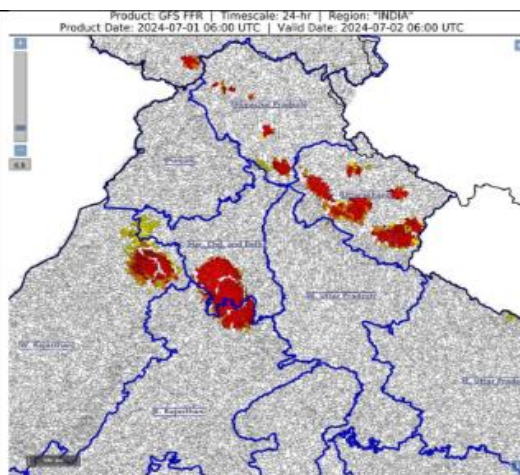


2.2 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 02-07-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Uttarakhand, Haryana** and **north Rajasthan** Met Sub-divisions (as shown in adjacent map) during next 24 hours.

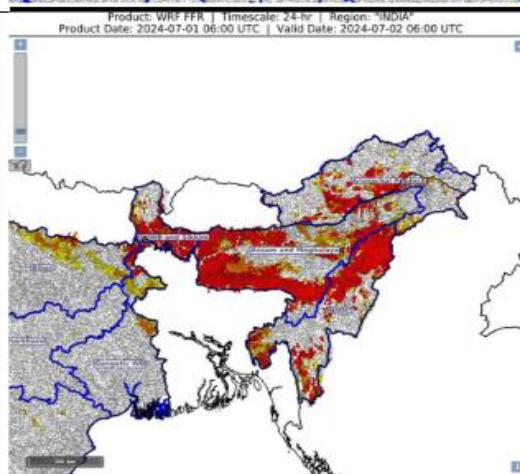
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 02-07-2024 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Assam & Meghalaya, NMMT** and **SHWB & Sikkim** Met Sub-divisions (as shown in adjacent map) during next 24 hours.

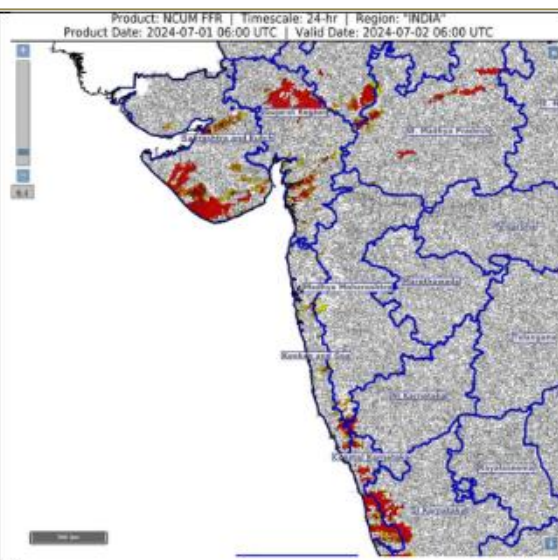
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 02-07-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Saurashtra and Kutch, south Konkan & Goa, Coastal Karnataka** Met Sub-divisions (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

- A cyclonic circulation lies over Haryana and a trough runs from Punjab to Mizoram in lower tropospheric levels. Under their influence;
1. Isolated very heavy rainfall likely over Himachal Pradesh on 01st & 02nd July; Uttarakhand, Punjab, Haryana & Uttar Pradesh during 01st-03rd July; East Rajasthan during 03rd-05th July.
 2. Isolated extremely heavy rainfall very likely over Uttarakhand on 02nd July.

- A cyclonic circulation lies over Sub-Himalayan West Bengal & Sikkim and another over northeast Assam in lower tropospheric levels. Under their influence;
 1. Isolated very heavy rainfall likely over Bihar on 01st & 02nd July.
 2. Isolated extremely heavy rainfall very likely over Arunachal Pradesh on 01st, 04th & 05th; Tripura, Sub-Himalayan West Bengal & Sikkim on 01st and Assam & Meghalaya on 01st & 02nd July.
- A cyclonic circulation lies over north Gujarat & neighbourhood in lower tropospheric levels. The off-shore trough at mean sea level along Maharashtra- Kerala coasts. Under their influence:
 1. Isolated very heavy rainfall very likely over Saurashtra & Kutch on 02nd; Gujarat Region on 02nd, 03rd & 05th; Tamil Nadu, Madhya Maharashtra and Konkan & Goa on 01st July.
 2. Isolated extremely heavy rainfall very likely over Gujarat State today.

Assam and Arunachal Pradesh

Due to very heavy to extremely heavy rainfall scenario existing in Assam and Arunachal Pradesh all regions of Brahmaputra river in Assam is expected to get increased runoff. Hence water level rise is expected in rivers Siang, Dibang, Lohit, Buridihing, Subansiri, Dikhow of Upper Brahmaputra and in rivers Champamati, Aie, Gaurang, Sankosh, Pagladiya, Beki, Puthimari, Ranganadi, Manas, Kopili, Jiabharali of lower and middle Brahmaputra for next 24 hrs. Water level rise and flood like situations is expected in rivers Kushiya, Longai, Katakhal, Rukni and other rivers of Barak and others. Flood like situations are also expected in some of the said rivers. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Polaguri	Brahmaputra	Marigaon	Extreme	Rising
Neamatighat	Brahmaputra	Jorhat	Extreme	Steady
Tezpur	Brahmaputra	Sonitpur	Severe	Rising
Nanglamoraghat	Desang	Sivasagar	Severe	Rising
Chenimari	Buridehing	Dibrugarh	Severe	Rising
Margherita	Buridehing	Tinsukia	Severe	Rising
Karimganj	Kushiya	Karimganj	Severe	Rising
Sivasagar	Dikhow	Sivasagar	Severe	Rising
Badatighat	Subansiri	Lakhimpur	Severe	Rising
Puthimari NH Rd Xing	Puthimari	Kamrup	Severe	Falling
NT Rd crossing JiaBharali	Jiabharali	Sonitpur	Severe	Falling
Guwahati(DC Court)	Brahmaputra	Kamrup	Severe	Falling
Badarpurghat	Barak	Karimganj	Above Normal	Rising
Naharkatia	Buridehing	Dibrugarh	Above Normal	Rising
Annapurnghat	Barak	Cachar	Above Normal	Rising
Numaligarh	Dhansiri(S)	Golaghat	Above Normal	Rising
Goalpara	Brahmaputra	Goalpara	Above Normal	Rising
Dhubri	Brahmaputra	Dhubri	Above Normal	Rising
Beki Rd Bridge	Beki	Barpeta	Above Normal	Falling
Ranganadi NT Xing	Ranganadi	Lakhimpur	Above Normal	Steady
Pagladiya NT Rd Xing	Pagladiya	Nalbari	Above Normal	Steady
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Falling

Kokrajhar	Gaurang	Kokrajhar	Above Normal	Falling
Golokganj	Sankosh	Dhubri	Above Normal	Falling

West Bengal & Sikkim

Water level rise is expected 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	Above Normal	Rising
Melli	Teesta	Namchi	Above Normal	Falling

Tripura

Water level rise and flood like situations are expected in rivers Manu (Unakoti dist.), rivers such as Khowai (Khowai dist.), Haora (W.Tripura dist.), Gumti, Burima (Sepahijala dist.), Muhari (S.Tripura dist.), Dhalai (Dhalai dist.), Juri (N.Tripura dist.) and other rivers of Barak and Others. Current flood situation in the state as per CWC network is as follows:

CWC Site	River	District	Flood Type	Trend in Water Level
Belonia	Muhari	South Tripura	Severe	Rising

Uttar Pradesh

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

CWC Site	River	District	Flood Type	Trend in Water Level
Paliakalan	Sarda	Kheri	Above Normal	Steady

Bihar

Water level rise is expected in rivers Mahananda, Kosi, Bagmati 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
Birpur	Kosi	Supaul	Severe	Rising
Araria	Parman	Araria	Severe	Falling
Dhengraghat	Mahananda	Purnia	Severe	Falling
Jhanjharpur	Kamlabalan	Madhubani	Above Normal	Rising
Benibad	Bagmati	Muzaffarpur	Above Normal	Steady
Jhawa	Mahananda	Katihar	Above Normal	Rising
Baltara	Kosi	Khagaria	Above Normal	Rising
Dhengbridge	Bagmati	Sitamarhi	Above Normal	Rising
Dumariaghat	Gandak	Gopalganj	Above Normal	Steady
Labha	Fulhar	Katihar	Above Normal	Steady
Taibpur	Mahananda	Kishanganj	Above Normal	Falling
Jainagar	Kamla	Madhubani	Above Normal	Falling
Basua	Kosi	Supaul	Above Normal	Falling

Uttarakhand

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

CWC Site	River	District	Flood Type	Trend in Water Level
Thal	Ramganga	Pithoragarh	Above Normal	Falling

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	2/7/2024	3/7/2024	4/7/2024	5/7/2024	6/7/2024	7/7/2024	8/7/2024
1	ANNAPURNA GHAT	BARAK	CACHAR	Assam	S	E	E	E	E	E	E
2	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	S	E	E	E	E	E	E
3	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	E	E	E	E	E	E	E
4	DHARAMTUL	KOPILI	MARIGAON	Assam	S	E	E	S	S	S	E
5	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	E	E	E	E	E	E	E
6	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	E	E	S	AN	S	S	S
7	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	E	S	S	S	S	S	S
8	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	E	E	E	S	S	E	E
9	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	E	E	E	S	S	S	S
10	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	E	E	S	AN	S	S	S
11	KAMPUR	KOPILI	NAGAON	Assam	S	S	S	S	S	S	E
12	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	S	S	S	S	S	E	S
13	ARARIA	PARMAN	ARARIA	Bihar	S	E	E	E	E	S	S
14	BENIBAD	BAGMATI	MUZAFFARPUR	Bihar	AN	AN	AN	AN	S	E	E
15	KHADDA	GANDAK	KUSHINAGAR	Uttar Pradesh	N	AN	AN	AN	S	E	S
16	GOLOKGANJ	SANKOSH	DHUBRI	Assam	S	E	S	S	E	E	S
17	MELLI	TEESTA	SOUTH DISTRICT	Sikkim	S	S	AN	S	E	S	AN
18	MATIJURI	KATAKHAL	HAILAKANDI	Assam	AN	S	AN	AN	AN	N	N
19	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	S	S	AN	AN	S	S	S
20	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	S	AN	N	N	AN	AN	AN
21	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	AN	S	S	AN	AN	AN	AN
22	GOLAGHAT	DHANSIRI (SOUTH)	GOLAGHAT	Assam	AN	S	AN	AN	AN	S	S
23	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	S	S	S	N	AN	AN	AN
24	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	S	S	S	AN	AN	S	S
25	PUTHIMARI NH RD XING	PUTHIMARI	KAMRUP	Assam	S	S	S	S	S	S	S
26	PAGLADIYA N T ROAD	PAGLADIYA	NALBARI	Assam	S	S	AN	S	S	S	S

	CROSSING										
27	KOKRAJHAR	GAURANG	KOKRAJHAR	Assam	AN	S	AN	AN	S	S	AN
28	BALRAMPUR	RAPTI	BALRAMPUR	Uttar Pradesh	N	N	AN	AN	AN	S	S
29	DHENGGRAGHAT	MAHANANDA	PURNIA	Bihar	S	S	S	S	S	S	S
30	ELGINBRIDGE	GHAGRA	BARABANKI	Uttar Pradesh	N	N	N	N	N	AN	S
31	JHANJHARPUR	KAMALABALAN	MADHUBANI	Bihar	AN	AN	AN	AN	AN	S	S
32	JHAWA	MAHANANDA	KATI HAR	Bihar	AN	S	S	S	S	S	S
33	REWAGHAT	GANDAK	MUZAFFARPUR	Bihar	N	N	N	AN	AN	AN	S
34	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	AN	AN	S	S	S	S	S
35	DHENG BRIDGE	BAGMATI	SITAMARHI	Bihar	AN	AN	AN	S	S	S	S
36	RUNISAIDPUR	BAGMATI	MUZAFFARPUR	Bihar	AN	AN	AN	S	S	S	S
37	TAIBPUR	MAHANANDA	KISHANGANJ	Bihar	S	S	S	S	S	S	AN
38	HASIMARA	TORSA	ALIPURDUAR	West Bengal	N	AN	AN	AN	S	AN	N
39	SONBARSA	ADHWARA	SITAMARHI	Bihar	N	AN	S	S	S	S	AN
40	GHUGUMARI	TORSA	KOCHBIHAR	West Bengal	N	AN	N	AN	S	S	N
41	JALDHAKA NH-31	JALDHAKA	JALPAIGURI	West Bengal	AN	S	AN	S	S	AN	AN
42	DOMOHANI	TEESTA	JALPAIGURI	West Bengal	AN	AN	N	AN	S	AN	N
43	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	S	S	S	S	S	S	S
44	BEKI ROAD BRIDGE	BEKI	BARPETA	Assam	AN	AN	AN	AN	AN	AN	AN
45	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN	AN	AN
46	NAHARKATIA	BURIDEHING	DIBRUGARH	Assam	AN	N	N	N	N	N	N
47	MUTHANKERA	KABINI	WYANAD	Kerala	AN	N	N	N	N	N	N
48	BALTARA	KOSI	KHAGARIA	Bihar	AN	AN	AN	AN	AN	AN	AN
49	BASUA	KOSI	SUPAUL	Bihar	AN	AN	AN	AN	AN	AN	AN
50	BIRDDGHAT	RAPTI	GORAKHPUR	Uttar Pradesh	N	N	N	N	N	N	AN
51	CHATIA	GANDAK	PURBA CHAMPARAN	Bihar	N	N	N	N	N	AN	AN
52	DABRI	RAMGANGA	SHAHJAHANPUR	Uttar Pradesh	N	N	N	N	N	N	AN
53	HAYAGHAT	BAGMATI	DARBHANGA	Bihar	N	N	N	N	N	AN	AN

54	JAINAGAR	KAMLA	MADHUBANI	Bihar	AN	AN	AN	AN	AN	AN	AN
55	KAKARDHARI	RAPTI	BAHRAICH	Uttar Pradesh	N	N	N	N	N	N	AN
56	DOWLAISWARAM (STATE GOVT SITE)	GODAVARI	EAST GODAVARI	Andhra Pradesh	N	N	N	N	N	N	AN
57	MATHABHANGA	JALDHAKA	KOCHBIHAR	West Bengal	N	AN	AN	AN	AN	AN	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 01st July2024

Storageabove85%	
Storageabove60%	

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

Sl.No	Reservoir/Dams	River/Sub-Basin /Basin	State	US/DSDistrict	Rainfall situation				
					Day1	Day2	Day3	Day4	Day 5
1	Thottapalli Reservoir	Nagavali/Nagavali&Others/ERF (Mahanadito 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	Singatalur Barrage	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Gadag/LKD Hyderabad					
5	Hippargi Reservoir	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot					
6	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmednagar					
7	RanaPratapSagar	Chambal/UpperChambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
8	KotaBarrage	Chambal/UpperChambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
9	PD Jurala	Krishna/Upper Krishna/Krishna	Telangana	Mahbubnagar					
10	Ichari Dam	Tons/UpperYamuna/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