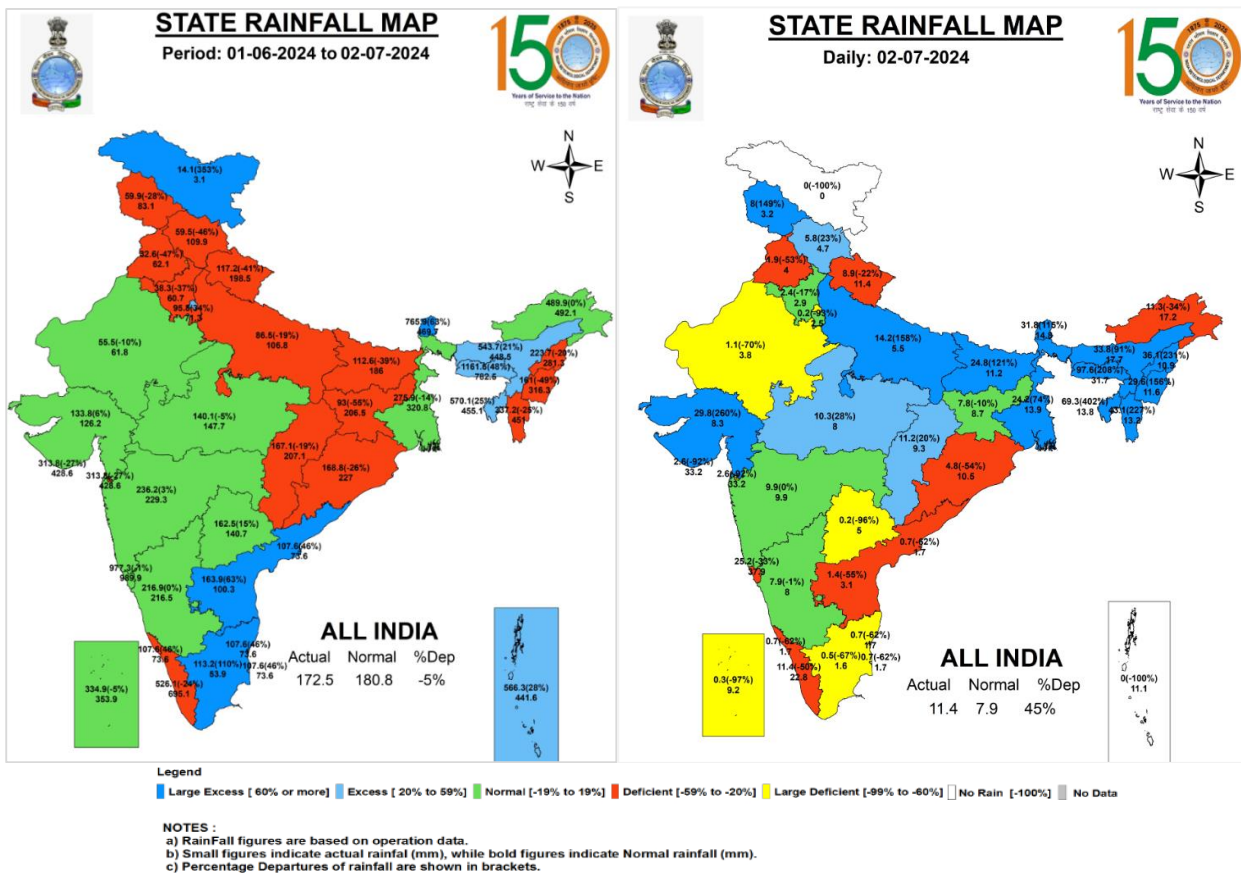




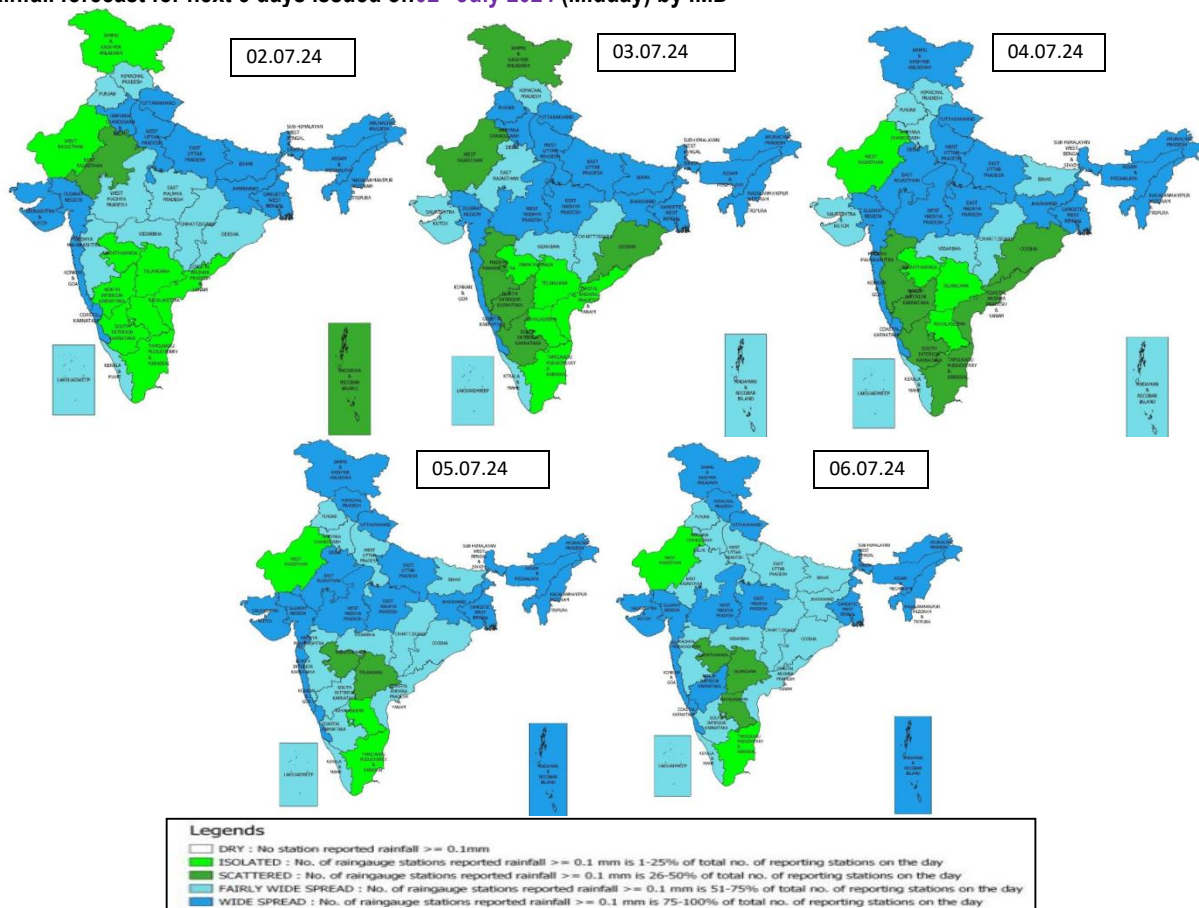
Central Water Commission
Daily Flood Situation Report cum Advisories
02-07-2024

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 02nd July 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

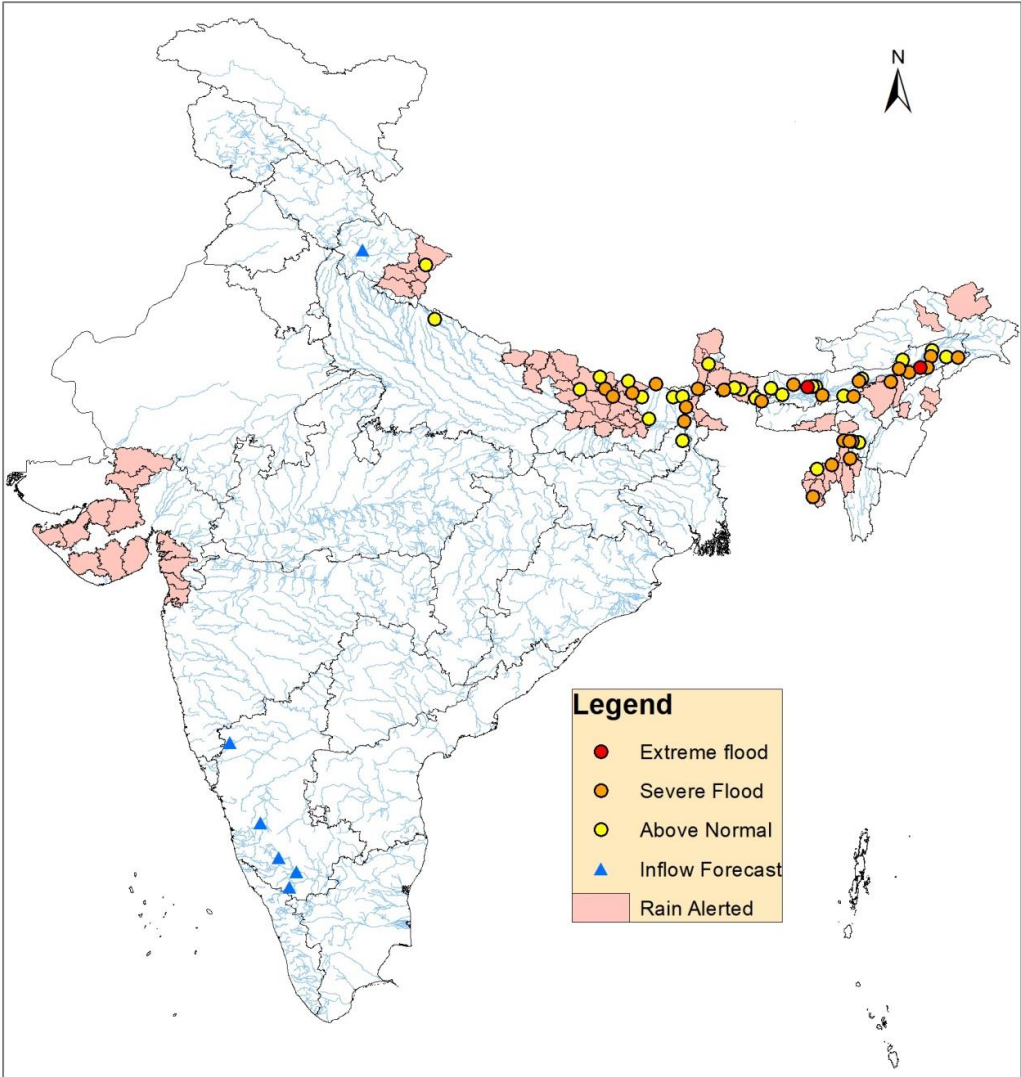
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 2nd July 2024, 20 Stations (14 in Assam, 5 in Bihar and 1 in West Bengal) are flowing in Severe Flood Situation, 21 stations (11 in Assam, 7 in Bihar, 2 in West Bengal and 1 in Sikkim) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 6 Dams and Barrages (5 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)		0	
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	Assam(14), Bihar(5), West Bengal(1)	20	
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), West Bengal(2)	21	
Total number of sites above Warning Level (A+B+C)			41	
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), Uttarakhand(1)	6	

Details are given at link:https://cwc.gov.in/sites/default/files/cfrcwcdfb-02.07.2024_5.pdf

Flood Situation Map

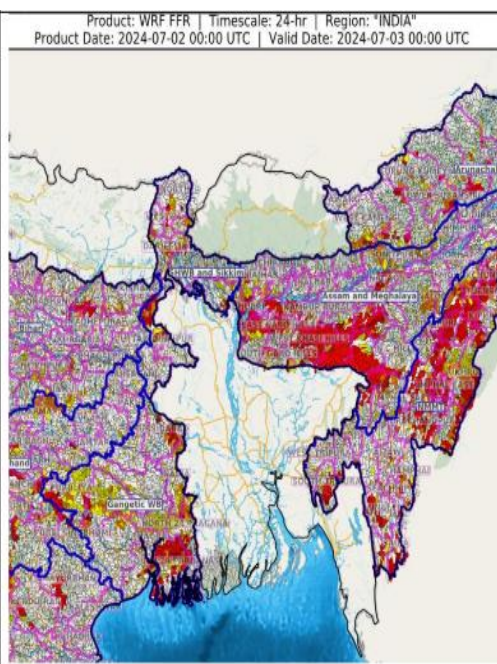


2.2 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 03-07-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of SHWB & Sikkim, Assam & Meghalaya, Gangetic West Bengal, Bihar & NMMT Met Sub-divisions.

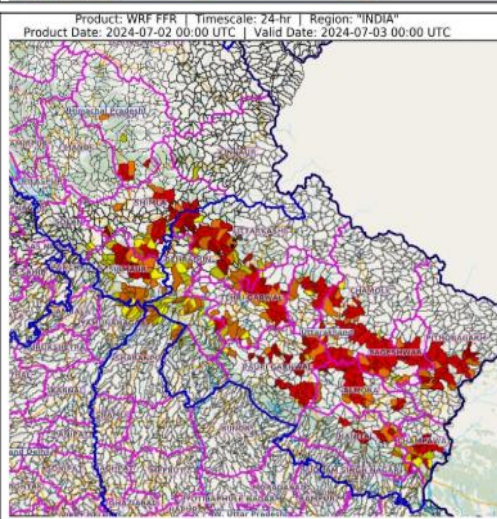
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 03-07-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of Himachal Pradesh and Uttarakhand Met Sub-divisions.

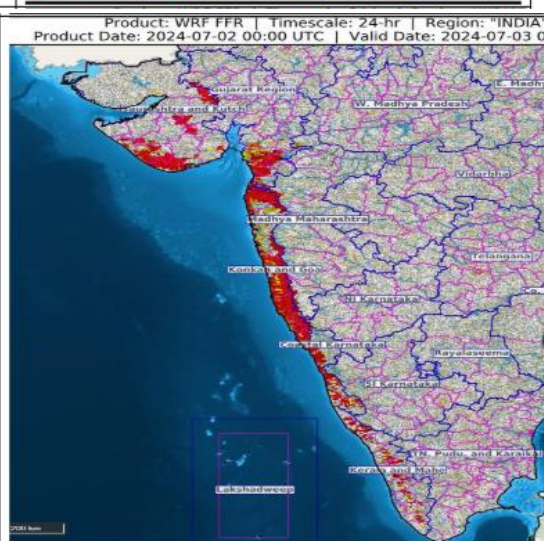
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over AoC as shown in map due to expected rainfall occurrence in next 24 hours.



24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 03-07-2024 :

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

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 southeast Pakistan and monsoon trough is north of its normal position at mean sea level. Under their influence; Isolated very heavy rainfall likely over Uttarakhand during 02nd – 06th, Punjab on 03rd, Haryana on 02nd & 03rd July; West Uttar Pradesh on 02nd & 06th; East Uttar Pradesh on 05th & 06th July.
- A cyclonic circulation lies over north Bangladesh, another over Assam and a trough runs from northeast Madhya Pradesh to the cyclonic circulation over Assam, in lower tropospheric levels. Under their influence
 - Isolated very heavy rainfall likely over Bihar on 02nd & 03rd; Arunachal Pradesh & Assam & Meghalaya during 02nd – 04th; Sub-Himalayan West Bengal & Sikkim, Nagaland, Manipur, Mizoram & Tripura during 02nd–05th July.
 - Isolated extremely heavy rainfall very likely over Arunachal Pradesh & Assam & Meghalaya on 05th & 06th July.
- A cyclonic circulation lies over north Gujarat & neighbourhood in middle tropospheric levels tilting southwards with height. The off-shore trough at mean sea level along Maharashtra- Kerala coasts. Under their influence:
 - Isolated very heavy rainfall very likely over Konkan & Goa, Madhya Maharashtra on 02nd & 06th; Saurashtra & Kutch on 02nd; Gujarat Region on 03rd; Coastal Karnataka on 05th & 06th July.
 - Isolated extremely heavy rainfall very likely over Gujarat Region today.

Assam

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, Jia Bharali 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 in the rivers are expected to be in steady to rising state in Middle and Lower Brahmaputra regions 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
Polaguri	Brahmaputra	Marigaon	Extreme	Rising
Sivasagar	Dikhow	Sivasagar	Extreme	Rising
Kampur	Kopili	Nagaon	Severe	Rising
Matijuri	Katakhal	Hailakandi	Severe	Rising
Gharmura	Dhaleswari	Hailakandi	Severe	Rising
Numaligarh	Dhansiri(S)	Golaghat	Severe	Rising
Tezpur	Brahmaputra	Sonitpur	Severe	Steady
Guwahati(DC Court)	Brahmaputra	Kamrup	Severe	Rising
Dhubri	Brahmaputra	Dhubri	Severe	Rising
Badarpurghat	Barak	Karimganj	Severe	Rising
Karimganj	Kushiya	Karimganj	Severe	Rising
Chenimari	Buridihing	Dibrugarh	Severe	Rising
Nanglamoraghat	Desang	Sivasagar	Severe	Rising
Neamatighat	Brahmaputra	Jorhat	Severe	Falling
Beki Rd Bridge	Beki	Barpeta	Severe	Falling
Margherita	Buridihing	Tinsukia	Severe	Falling
Badatighat	Subansiri	Lakhimpur	Severe	Falling

Annapurnghat	Barak	Cachar	Above Normal	Rising
Dharamtul	Kopili	Marigaon	Above Normal	Rising
Puthimari NH Rd Xing	Puthimari	Kamrup	Above Normal	Falling
NT Rd crossing JiaBharali	Jiabharali	Sonitpur	Above Normal	Falling
Naharkatia	Buridehing	Dibrugarh	Above Normal	Falling
Kokrajhar	Gaurang	Kokrajhar	Above Normal	Falling
Golokganj	Sankosh	Dhubri	Above Normal	Steady
Pagladiya NT Rd Xing	Pagladiya	Nalbari	Above Normal	Falling
Goalpara	Brahmaputra	Goalpara	Above Normal	Rising
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Falling
Ranganadi NT Xing	Ranganadi	Lakhimpur	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	Severe	Rising
Melli	Teesta	Namchi	Above Normal	Rising
Ghughumari	Torsa	Coochbehar	Above Normal	Steady
Jaldhaka NH-31	Jaldhaka		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	Falling
Kumarghat	Manu	Unakoti	Severe	Rising
Khowai	Khowai	Khowai	Above Normal	Rising

Uttar Pradesh

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

Bihar

Flood situations are expected to continue in Kosi, Mahananda, Kamalabalan rivers for next 24 hours. 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	Steady
Benibad	Bagmati	Muzaffarpur	Severe	Rising
Taibpur	Mahananda	Kishanganj	Severe	Rising
Jhanjharpur	Kamlabalan	Madhubani	Severe	Steady
Jhawa	Mahananda	Katihar	Severe	Steady
Runisaidpur	Bagmati	Muzaffarpur	Severe	Falling
Dhengraghat	Mahananda	Purnia	Severe	Falling
Chargharia	Mahananda	Kishanganj	Above Normal	Rising
Baltara	Kosi	Khagaria	Above Normal	Rising
Araria	Parman	Araria	Above Normal	Steady
Basua	Kosi	Supaul	Above Normal	Steady
Labha	Fulhar	Katihar	Above Normal	Steady
Dhengbridge	Bagmati	Sitamarhi	Above Normal	Falling
Dumariaghat	Gandak	Gopalganj	Above Normal	Steady
Jainagar	Kamla	Madhubani	Above Normal	Falling

Uttarakhand

Water level rise is expected in rivers Sarda (**Pithogarh, Champawat** dists.), Ramganga, Devha, Gomati (**Almora, Nainital, Udham Singh Nagar** dists.), rivers of Upper Yamuna (**Dehradun, Haridwar, Tehri Garhwal** dists.), rivers of Upper Ganga (**Haridwar, Dehradun, Pauri Garhwal** dists.) 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
Bangapani(Munsy ari)	Ganga	Pithoragarh	Above Normal	Rising

Gujarat

Increased runoff is expected into rivers Shetrunji (Bhavnagar dist.), Damanganga (Valsad dist.), Kim, Purna, Lower Narmada and Tapi rivers (Surat, Narmada dists.) 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	3/7/2024	4/7/2024	5/7/2024	6/7/2024	7/7/2024	8/7/2024	9/7/2024
1	Annapurna ghat	Barak	Cachar	Assam	E	E	E	E	S	S	E
2	Badarpur ghat	Barak	Karimganj	Assam	E	E	E	E	E	E	E
3	Karimganj	Kushiyara	Karimganj	Assam	E	E	E	E	E	E	E
4	Nt road crossing jia-bharali	Jiabharali	Sonitpur	Assam	S	S	E	E	E	E	E
5	Numaligarh	Dhansiri (south)	Golaghat	Assam	S	S	S	S	S	E	E
6	Sivasagar	Dikhow	Sivsagar	Assam	E	S	S	S	S	S	S
7	Kokrajhar	Gaurang	Kokrajhar	Assam	AN	AN	S	E	E	S	AN
8	Kampur	Kopili	Nagaon	Assam	S	S	S	S	S	E	E
9	Balrampur	Rapti	Balrampur	Uttar Pradesh	N	N	AN	AN	S	S	E
10	Bansi	Rapti	Siddharth nagar	Uttar Pradesh	N	N	N	AN	S	E	E
11	Benibad	Bagmati	Muzaffarpur	Bihar	AN	AN	AN	S	S	E	E
12	Khadda	Gandak	Kushinagar	Uttar Pradesh	AN	AN	AN	S	E	S	S
13	Golokganj	Sankosh	Dhubri	Assam	AN	N	AN	E	E	AN	N
14	Melli	Teesta	South district	Sikkim	S	S	S	E	E	S	S
15	Matijuri	Katakhal	Hailakandi	Assam	S	S	AN	N	N	N	N
16	Badatighat	Subansiri	Lakhimpur	Assam	S	S	S	S	S	S	S
17	Beki road bridge	Beki	Barpeta	Assam	AN	AN	AN	S	S	AN	AN
18	Chenimari (khowang)	Buridehing	Dibrugarh	Assam	S	N	N	AN	AN	AN	N
19	Dharamtul	Kopili	Marigaon	Assam	S	S	S	AN	S	S	S
20	Nanglamoraghat	Desang	Sivsagar	Assam	S	S	S	S	S	S	S
21	Neamatighat	Brahmaputra	Jorhat	Assam	S	S	AN	S	S	S	S
22	Tezpur	Brahmaputra	Sonitpur	Assam	S	AN	N	AN	S	S	S
23	Dhubri	Brahmaputra	Dhubri	Assam	S	S	AN	AN	AN	S	S
24	Puthimari nh rd xing	Puthimari	Kamrup	Assam	S	S	S	S	S	S	S
25	Pagladiya n t road crossing	Pagladiya	Nalbari	Assam	AN	AN	AN	S	S	S	S
26	Ranganadi nt road crossing	Ranganadi	Lakhimpur	Assam	AN	AN	AN	S	S	S	AN
27	Araria	Parman	Araria	Bihar	S	S	S	S	S	S	S
28	Birdghat	Rapti	Gorakhpur	Uttar Pradesh	N	N	N	N	N	AN	S
29	Dhengraghat	Mahananda	Purnia	Bihar	S	S	S	S	S	S	S
30	Elginbridge	Ghagra	Barabanki	Uttar Pradesh	N	N	N	N	AN	S	S

31	Jhanjharpur	Kamalabalan	Madhubani	Bihar	S	S	S	S	S	S	S
32	Jhawa	Mahananda	Katihar	Bihar	AN	AN	S	S	S	S	S
33	Dumariaghat	Gandak	Gopalganj	Bihar	AN	AN	S	S	S	S	S
34	Dheng bridge	Bagmati	Sitamarhi	Bihar	AN	AN	AN	S	S	S	S
35	Runisaidpur	Bagmati	Muzaffarpur	Bihar	S	S	S	S	S	S	S
36	Mandla	Narmada	Mandla	Madhya Pradesh	N	N	N	N	N	N	S
37	Sonbarsa	Adhwara	Sitamarhi	Bihar	N	AN	AN	AN	S	S	S
38	Jaldhaka nh-31	Jaldhaka	Jalpaiguri	West Bengal	AN	AN	AN	S	S	AN	AN
39	Domohani	Teesta	Jalpaiguri	West Bengal	AN	AN	AN	S	S	AN	N
40	Mekhliganj (r_b)	Teesta	Kochbihar	West Bengal	S	S	S	S	S	S	S
41	Dibrugarh	Brahmaputra	Dibrugarh	Assam	AN	AN	AN	AN	AN	AN	AN
42	Goalpara	Brahmaputra	Goalpara	Assam	AN	AN	N	N	AN	AN	AN
43	Golaghat	Dhansiri (south)	Golaghat	Assam	AN	AN	N	N	AN	AN	AN
44	Guwahati(d.c.court)	Brahmaputra	Kamrup	Assam	AN	AN	N	N	AN	AN	AN
45	Manas n h crossing	Manas	Bongaigaon	Assam	N	N	N	AN	AN	N	N
46	Ayodhya	Ghagra	Ayodhya	Uttar Pradesh	N	N	N	N	N	N	AN
47	Baltara	Kosi	Khagaria	Bihar	AN	AN	AN	AN	AN	AN	AN
48	Basua	Kosi	Supaul	Bihar	AN	AN	AN	AN	AN	AN	AN
49	Chatia	Gandak	Purba champaran	Bihar	N	N	N	N	AN	AN	AN
50	Dabri	Ramganga	Shahjahanpur	Uttar Pradesh	N	N	N	N	N	AN	AN
51	Hayaghat	Bagmati	Darbhanga	Bihar	N	N	N	N	N	AN	AN
52	Rewaghat	Gandak	Muzaffarpur	Bihar	N	N	N	AN	AN	AN	AN
53	Jainagar	Kamla	Madhubani	Bihar	AN	AN	AN	AN	AN	AN	AN
54	Taibpur	Mahananda	Kishanganj	Bihar	AN	AN	AN	AN	AN	N	N
55	Kakardhari	Rapti	Bahraich	Uttar Pradesh	N	N	N	AN	AN	AN	AN
56	Moradabad	Ramganga	Moradabad	Uttar Pradesh	N	N	N	N	AN	N	N
57	Tufanganj	Raidak-i	Kochbihar	West Bengal	N	N	N	AN	AN	N	N
58	Ghugumari	Torsa	Kochbihar	West Bengal	N	N	N	AN	AN	N	N
59	Mathabhanga	Jaldhaka	Kochbihar	West Bengal	N	N	N	AN	AN	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 02nd 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/DSDistrict	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	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	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
8	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/Dholpur,Kota, Bundi(Raj)					
9	PD Jurala	Krishna/Upper Krishna/Krishna	Telangana	Mahbubnagar					
10	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