



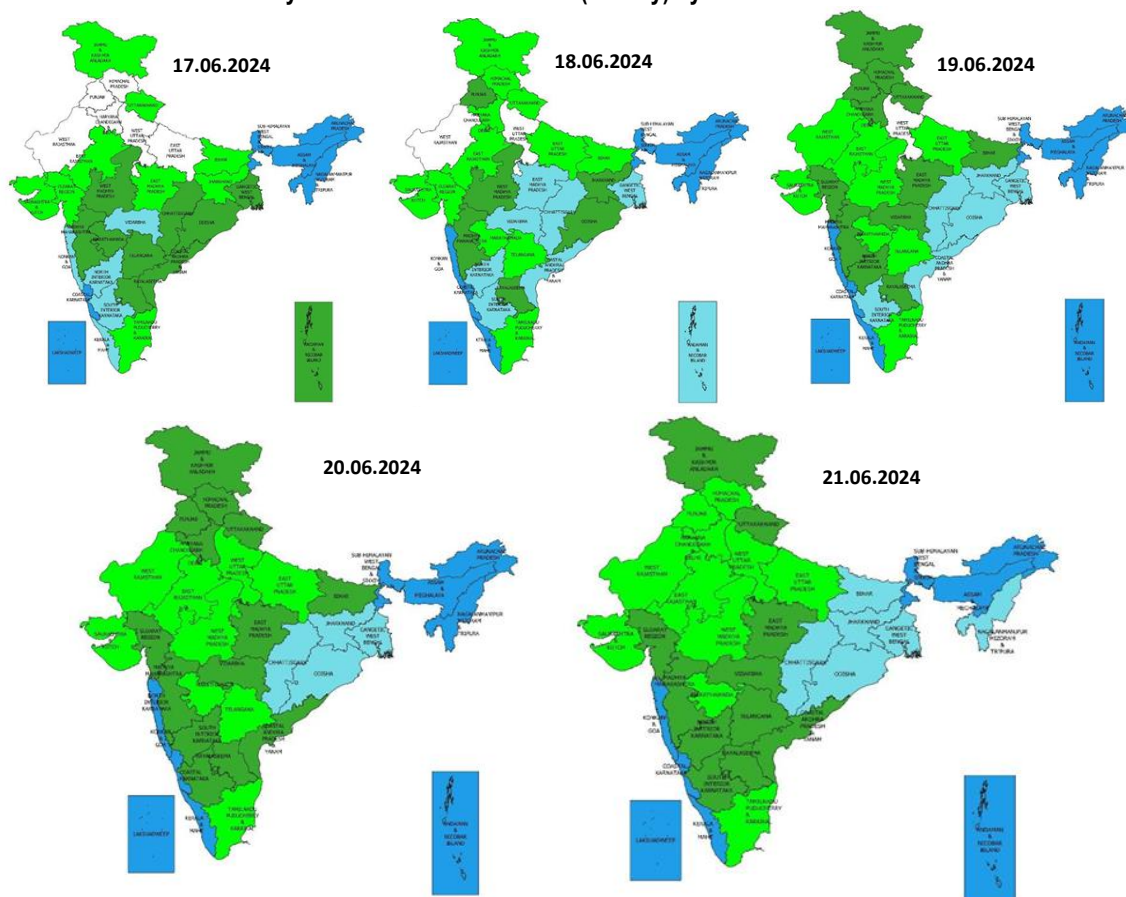
Central Water Commission
Daily Flood Situation Report cum Advisories
17-06-2024

1.0 IMD information

1.1 Major rainfall recorded at 0830 hours IST of today (10cm or more) as per IMD

Name of Place (State)	Rainfall (in cm)
Williamnagar (Meghalaya), Khambhalia (Gujarat)	23
Hasimara (West Bengal)	20
Kokrajhar (Assam)	19
Kumargram (West Bengal)	16
Karimganj , Nalbari/Pagladia (Assam)	15
Cherrapunji (Meghalaya), Panbari (Assam), Siliguri Pto (West Bengal)	14
Badarpur Arg (Assam), Cherapunji (Meghalaya), BP Ghat (Assam), Champasari (West Bengal), Bagdogra laf (West Bengal)	13
Shella(Meghalaya), Tamulpur Arg (Assam), Alipurduar (West Bengal)	12
Tihu Arg(Assam)	11
AieNhXing(Meghalaya),Mawsynram(Meghalaya),Barpeta(Assam),Matijuri(Assam),FakiragramArg (Assam), Bhutanghat (West Bengal), Buxaduar (West Bengal), Gajoldoba (West Bengal)	10

1.2 Rainfall forecast for next 5 days issued on 17th June 2024 (Midday) by IMD



Legends

- DRY : No station reported rainfall ≥ 0.1 mm
- ISOLATED : No. of raingauge stations reported rainfall ≥ 0.1 mm is 1-25% of total no. of reporting stations on the day
- SCATTERED : No. of raingauge stations reported rainfall ≥ 0.1 mm is 26-50% of total no. of reporting stations on the day
- FAIRLY WIDE SPREAD : No. of raingauge stations reported rainfall ≥ 0.1 mm is 51-75% of total no. of reporting stations on the day
- WIDE SPREAD : No. of raingauge stations reported rainfall ≥ 0.1 mm is 75-100% of total no. of reporting stations on the day

2.0 Flood Situation and Advisories

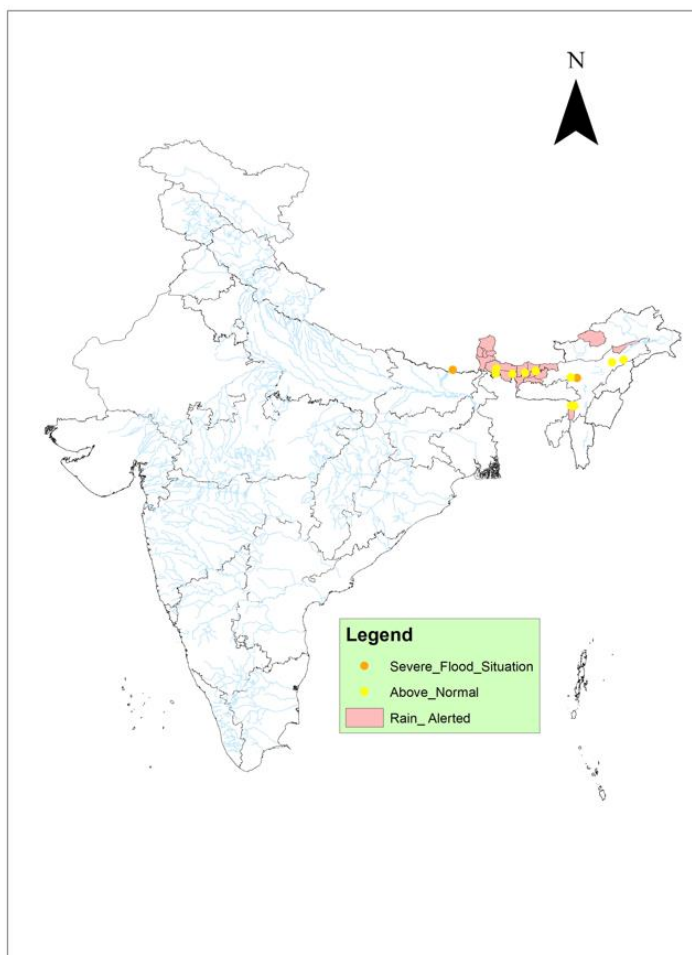
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 17th June, 2024, 1 station in Assam is flowing in Severe Flood Situation and 7 Stations in Assam, 3 Stations in West Bengal are flowing in above Normal Situation.

FLOOD SITUATION SUMMARY			
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	(Site (s) where Severe Flood Situation: ching or exceeding the Danger Level but below Highest Flood Level (HFL))	Assam(1)	1
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(7), West Bengal(3)	10
Total number of sites above Warning Level (A+B+C)			11
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)			0

Details are given at link: https://cwc.gov.in/sites/default/files/cfcrcwcdffb17.06.2024_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

Main Synoptic Feature: A cyclonic circulation lies over northeast Assam and another cyclonic circulation lies over Sub-Himalayan West Bengal an east-west trough also runs from northwest Bihar to Meghalaya in lower tropospheric levels. Strong southwesterly/southerly winds are prevailing from Bay of Bengal to northeastern States in lower tropospheric levels. Under their influence:

- Isolated heavy to very heavy rainfall very likely over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya, Arunachal Pradesh during 17th-21st; Nagaland, Manipur, Mizoram & Tripura during 17th-19th with **isolated extremely heavy rainfall over Assam & Meghalaya and Sub-Himalayan West Bengal during 17th-19th; Arunachal Pradesh on 19th and isolated exceptionally heavy rainfall over Meghalaya on 18th June, 2024.**

Assam

Because of the persistence of cyclonic circulation over Assam and neighbourhood from past many days, the said area is continuously receiving very heavy to extremely heavy rains at isolated phases. Alert for water level rise may be kept in rivers Aie, Champamati, Manas, Gaurang, Burisuti, Beki, Manas, and other small rivers in districts **Kokrajhar, Dhuri, Chirang, Bongaigaon, Baksa, BARPETA and Goalpara** for next 2 to 3 days. Flood like situation existing in some of the said rivers are expected to continue as the very heavy rainfalls are prevailing over the region. Water level rise and flood like situations are also expected in Barak and its tributaries (Cachar, Karimganj, Hilakandi dists.) for next 2 to 3 days. IMD has also predicted very heavy rainfall in Central and northern districts of Assam such as **Udalguri, Darrang, Morigaon, Nagaon, Golaghat, Karbi Analog**, hence water level is expected to rise in Dudnai, Puthimari, Dhansiri, Kopili, Pagladiya, and other small rivers in the area. In Upper Brahmaputra regions, water levels in rivers such as Desang, Dikhow, Buridihing, Subansiri are expected to rise for next 2 days.

Current Flood Situation as CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Kampur	Kopili	Nagaon	Severe	Rising
Badarpur Ghat	Barak	Karimganj	Above Normal	Rising
Dharamtul	Kopili	Marigaon	Above Normal	Rising
karimganj	Kushiyara	Karimganj	Above Normal	Steady
Kokrajhar	Gaurang	Kokrajhar	Above Normal	Rising
Manas NH Crossing	Manas	Bongaigaon	Above Normal	Rising
Nanglamoraghat	Desang	Sivasagar	Above Normal	Steady
Neamatighat	Brahmaputra	Jorhat	Above Normal	Steady

West Bengal and Sikkim

In West Bengal, water level rise is expected in rivers Balason, Mahananda, Teesta, Jaldhaka, Torsa, Sankosh and Raidak-1 in districts **Darjeeling, Jalpaiguri, Alipurduar and Coochbehar** for next 2 days. In **Sikkim** Alert for water level rise may be kept in rivers Lachung Chu, Lachen Chu, Rani Khola, Teesta and Rangit for next 2 days.

Current Flood Situation as reported from CWC network

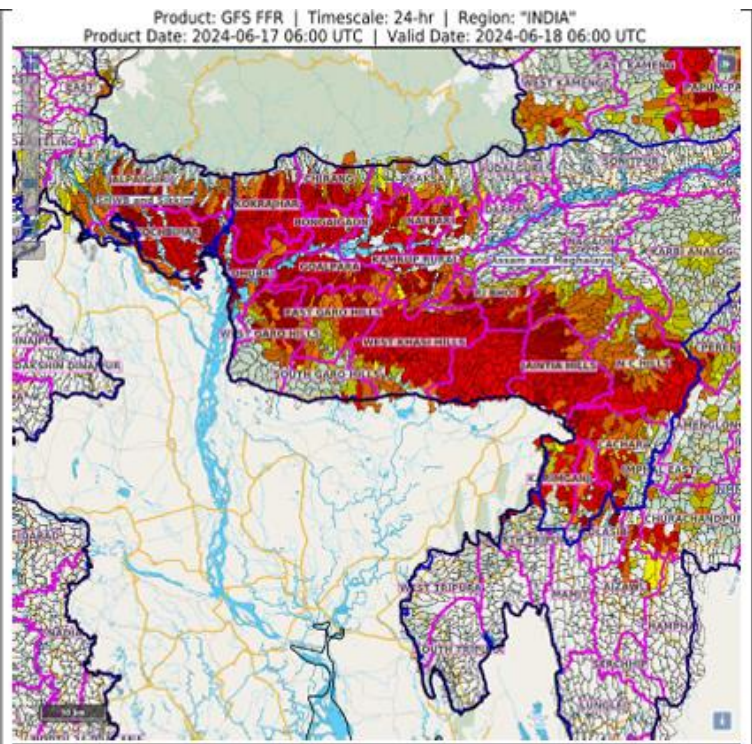
CWC Site	River	District	Flood Type	Trend in Water Level
Jaldhaka NH-31	Jaldhaka	Jalpaiguri	Above Normal	Rising
Mekhliganj(R/B)	Teesta	Cooch Behar	Above Normal	Rising
Tufanganj	Raidak-I	Cooch Behar	Above Normal	Falling

2.3. Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 18-06-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Assam & Meghalaya and adjoining SHWB & Sikkim** Met subdivisions (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.



3.0 Advisory Flood Forecast for next 7-days

S.No.	Station	River	District	State	18-06-2024	19-06-2024	20-06-2024	21-06-2024	22-06-2024	23-06-2024	24-06-2024
1	ANNAPURNA GHAT	BARAK	CACHAR	Assam	N	AN	S	E	E	E	E
2	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	AN	S	S	E	E	E	E
3	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	S	S	S	E	E	E	E
4	DHARAMTUL	KOPILI	MARIGAON	Assam	AN	AN	E	E	E	E	E
5	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	AN	E	E	E	S	S	AN
6	NUMALIGARH	DHANSIRI (SOUTH)	GOLAGHAT	Assam	N	N	S	E	E	E	S
7	SIVASAGAR	DIKHOW	SIVSAGAR	Assam	N	AN	S	E	E	S	S
8	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	N	AN	S	E	E	S	S
9	KAMPUR	KOPILI	NAGAON	Assam	S	S	E	E	E	E	E
10	CHENIMARI (KHOWANG)	BURIDEHING	DIBRUGARH	Assam	N	S	S	S	AN	N	N
11	GOALPARA	BRAHMAPUTRA	GOALPARA	Assam	N	N	S	S	S	S	AN
12	GOLAGHAT	DHANSIRI (SOUTH)	GOLAGHAT	Assam	N	N	S	S	S	S	AN
13	GUWAHATI(D.C.COURT)	BRAHMAPUTRA	KAMRUP	Assam	N	N	AN	S	S	AN	N
14	MANAS N H CROSSING	MANAS	BONGAIGAON	Assam	S	S	S	S	AN	AN	AN
15	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	S	S	S	S	AN	AN
16	TEZPUR	BRAHMAPUTRA	SONITPUR	Assam	N	AN	S	S	S	S	AN
17	NAMSAI	NAO DEHING	LOHIT	Arunachal Pradesh	N	S	S	AN	N	N	N
18	PUTHIMARI NH RD XING	PUTHIMARI	KAMRUP	Assam	AN	S	S	S	S	S	S
19	PAGLADIYA N T ROAD CROSSING	PAGLADIYA	NALBARI	Assam	S	S	S	S	S	S	AN
20	MUTHANKERA	KABINI	WYANAD	Kerala	N	N	N	N	N	AN	S
21	BADATIGHAT	SUBANSIRI	LAKHIMPUR	Assam	N	AN	AN	AN	AN	AN	N
22	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN	AN	AN
23	NT ROAD CROSSING JIA-BHARALI	JIABHARALI	SONITPUR	Assam	N	AN	AN	AN	AN	AN	AN
24	KOKRAJHAR	GAURANG	KOKRAJHAR	Assam	N	AN	AN	N	N	N	N
25	ARARIA	PARMAN	ARARIA	Bihar	N	N	N	N	N	AN	AN
26	DUMARIAGHAT	GANDAK	GOPALGANJ	Bihar	N	AN	AN	AN	AN	AN	AN
27	TUFANGANJ	RAIDAK-I	KOCHBIHAR	West Bengal	AN	AN	AN	AN	N	N	N
28	MEKHLIGANJ (R_B)	TEESTA	KOCHBIHAR	West Bengal	AN	N	N	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 17th June 2024

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.

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.	Sunkesula Barrage	Tungabhadra/Lower Tungabhadra/Krishna	Andhra Pradesh	Kurnool					
3.	Singatalur Barrage	Tungabhadra/Upper Tungabhadra/Krishna	Karnataka	Gadag/LKD Hyderabad					
4.	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmadnagar					
5.	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP) /Dholpur,Kota,Bundi(Raj)					
6.	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP) /Dholpur,Kota,Bundi(Raj)					
7.	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