



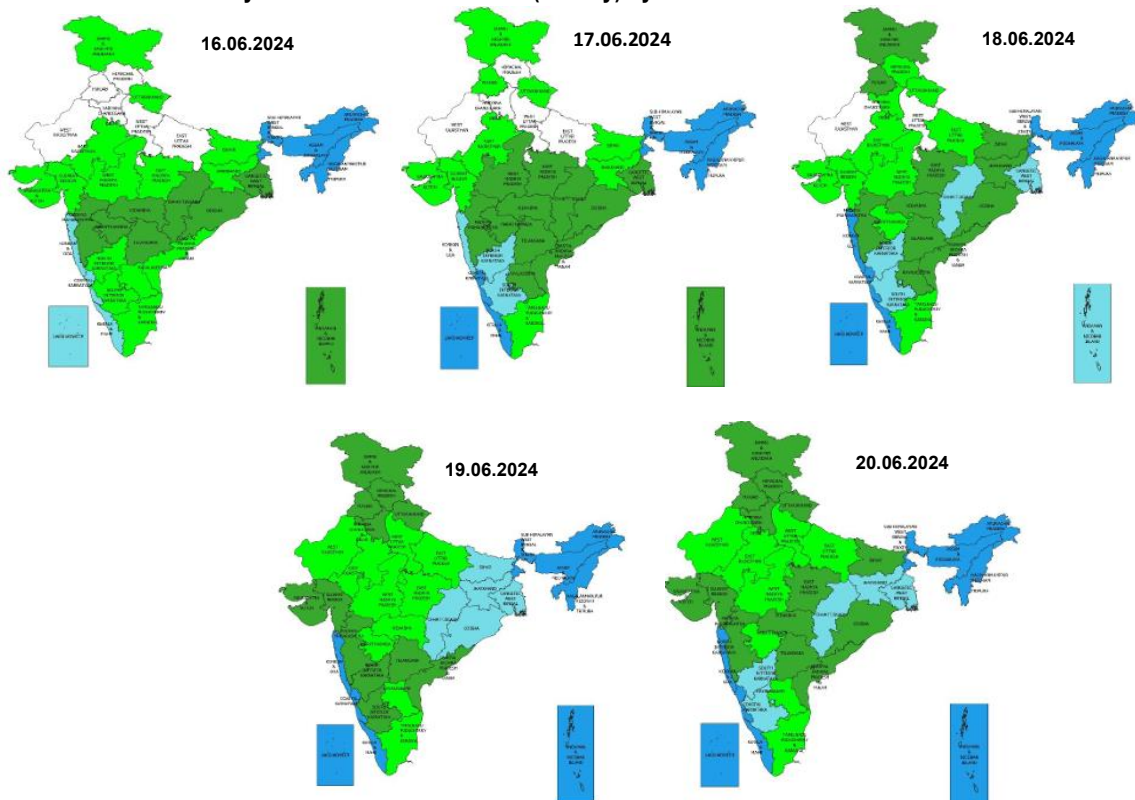
Central Water Commission
Daily Flood Situation Report cum Advisories
16-06-2024

1.0 IMD information

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

Name of Place (State)	Rainfall (in cm)
Barpeta (Assam)	30
Air Nh Xing (Assam)	29
Beky Railway Bridge (Assam), Hasimara (West Bengal)	25
Manash Nh Xing (Assam)	24
Bahalpur, Barbpeta /Sarbhog (Assam), Barobhisha ,Alipurduar (West Bengal)	23
Chepan (West Bengal)	21
Tihu, Tamulpur (Assam)	20
Panbari (Assam)	18
Srijangram (Assam)	17
Mawkyrwat (Meghalaya), Bhutanghat (West Bengal)	15
Williamnagar (Meghalaya), Chengmari, nagarkata (West Bengal)	14
Mawkyrwat (Meghalaya), Kokrajhar(Assam), Fakiragram (Assam), Goibargaon (Assam), Gossaigaon (Assam), Amfu Pundibari (West Bengal)	13
Hazuah (Assam), Murti (West Bengal), Buxaduar (West Bengal), Koloriang (Arunchal Pradesh)	12
Sevoke, Falakata ,Coochbehar, Gajoldoba (West Bengal)	11
Drf, (Assam), Kumargram, Neora, Champasari (West Bengal), Sambalpur (Odisha)	10

1.2 Rainfall forecast for next 5 days issued on 16th 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

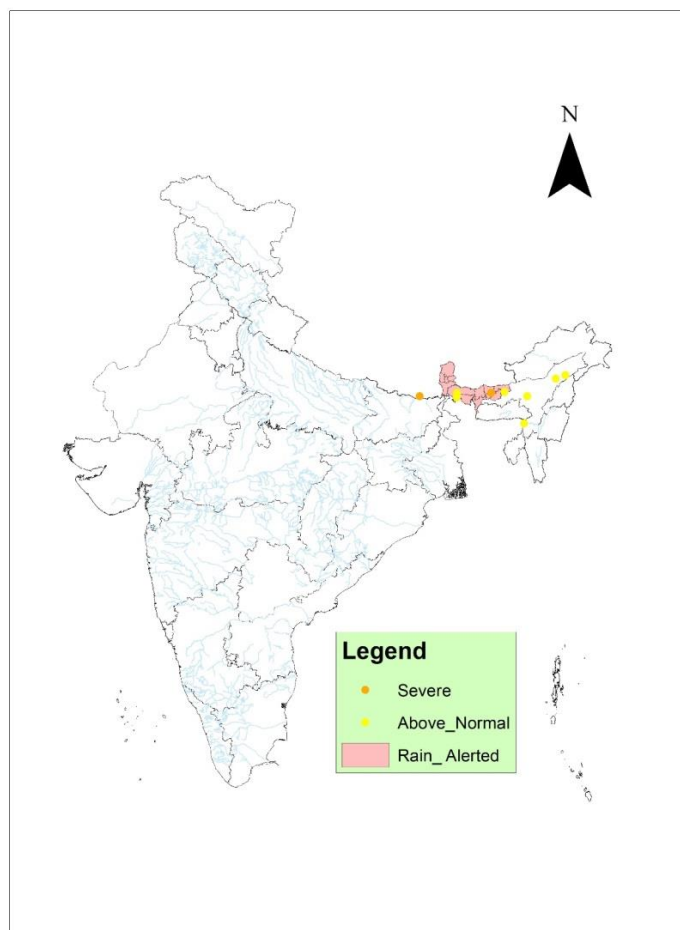
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 16th June, 2024, 1 station in Assam is flowing in Severe Flood station and 5 Stations in Assam , 2 Stations in West Bengal are flowing in Above Normal Flood 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	Severe Flood Situation: (Site (s) where water level is touching 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(5), West Bengal(2)	7
Total number of sites above Warning Level (A+B+C)			8
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/cfrcwcdfb16.06.2024_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, Nagaland, Manipur, Mizoram & Tripura during next 5 days with **isolated extremely heavy rainfall also likely over Assam & Meghalaya during 16th-20th; Arunachal Pradesh on 17th & 18th and Sub-Himalayan West Bengal & Sikkim during 16th-18th** and isolated exceptionally heavy rainfall also likely over Assam & 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, Pagladiya, Dudhnai and other small rivers in districts **Kokrajhar, Dhuri, Chirang, Bongaigaon, Baksa, Barpeta and Goalpara** for next 2 to 3 days. Flood like situation is also expected in some of the said rivers. 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.

Current Flood Situation as reported from CWC network

CWC Site	River	District	Flood Type	Trend in Water Level
Manas NH Crossing	Manas	Bongaigaon	Severe	Rising
Kampur	Kopili	Nagaon	Above Normal	Rising
Karimganj	Kushiyara	Karimganj	Above Normal	Rising
Nanglamoraghat	Desang	Sivsagar	Above Normal	Falling
Neamatighat	Brahmaputra	Jorhat	Above Normal	Steady
Pagladiya NT Road Crossing	Pagladiya	Nalbari	Above Normal	Rising

West Bengal & 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

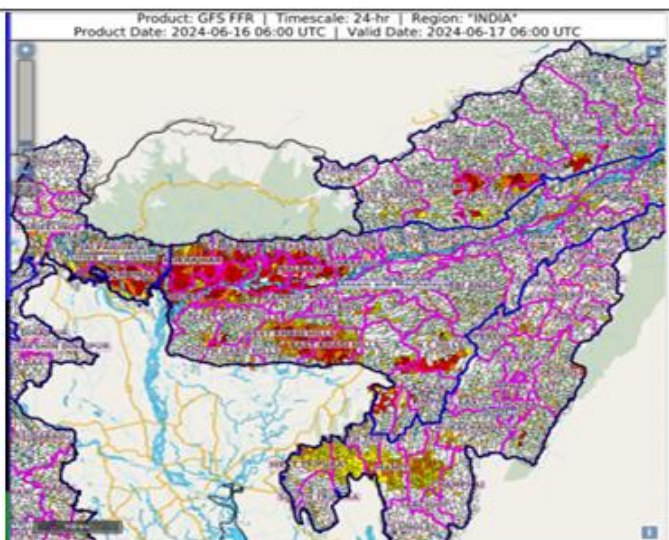
CWC Site	River	District	Flood Type	Trend in Water Level
Jaldhaka NH-31	Jaldhaka	Jalpaiguri	Above Normal	Rising
Mekhliganj(R/B)	Teesta	Cooch Behar	Above Normal	Falling

2.3. Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 17-06-2024 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of **Assam & Meghalaya** 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.



3.0 Advisory Flood Forecast for next 7-days

The flood situation at Flood Forecasting Stations likely to be above warning level for next 7 days:

S.No.	Station	River	District	State	17-06-2024	18-06-2024	19-06-2024	20-06-2024	21-06-2024	22-06-2024	23-06-2024
1	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	AN	S	S	E	E	E	E
2	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	S	S	E	E	E	E	E
3	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	AN	S	E	E	E	E	S
4	MANAS N H CROSSING	MANAS	BONGAIGAON	Assam	AN	AN	AN	S	AN	AN	AN
5	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	AN	AN	S	S	S	AN
6	PAGLADIYA N T ROAD CROSSING	PAGLADIYA	NALBARI	Assam	AN	AN	S	S	S	S	S

4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 16th June 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
---------------------	---	--------	-------	-------	-------	-------	--------	------

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.	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmadnagar					
4.	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP) /Dholpur,Kota,Bundi(Raj)					
5.	Kota Barrage	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP) /Dholpur,Kota,Bundi(Raj)					
6.	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