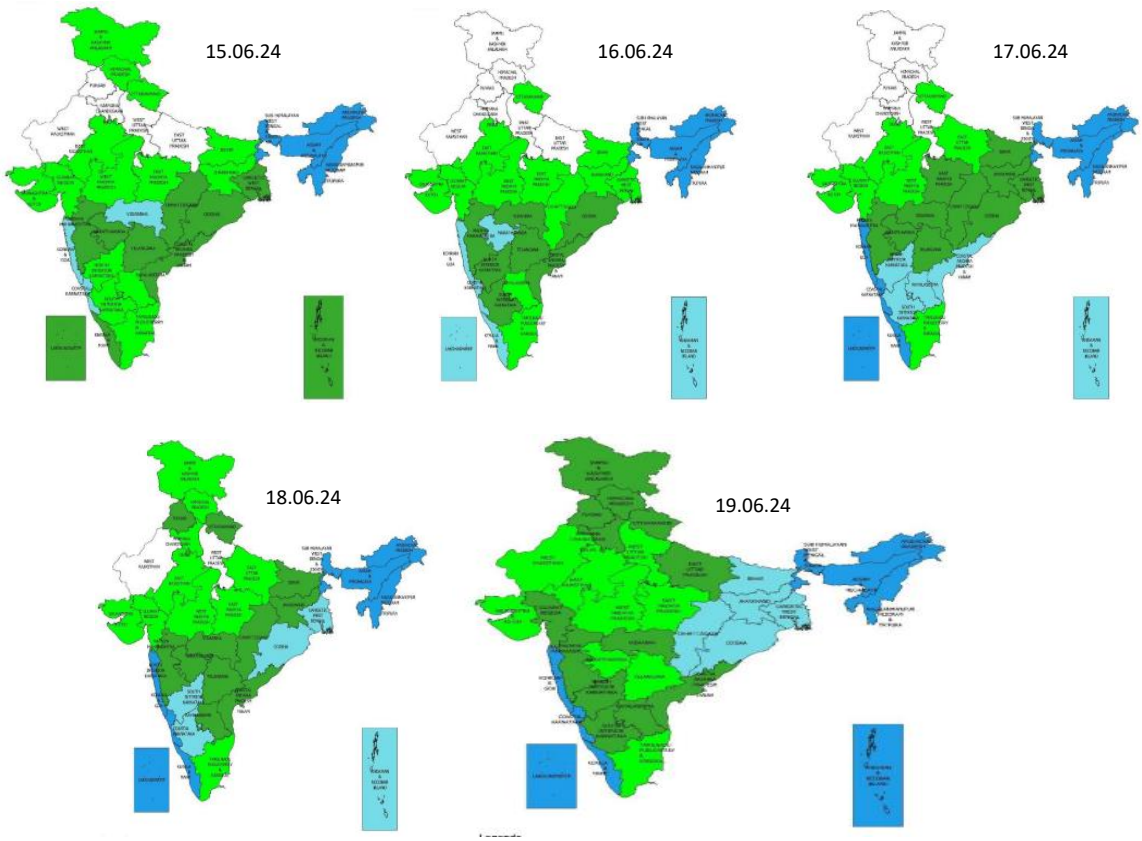
Central Water Commission
Daily Flood Situation Report cum Advisories
15-06-2024

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)
Mawsynram (Meghalaya)	64
Cherrapunji (Meghalaya)	51
Cherrapunji(rkm) (Meghalaya)	50
Shella (Meghalaya)	40
Mawkyrwat (Meghalaya)	30
Mawkyrwat-arg (Meghalaya)	27
Alipurduar pto (West Bengal)	21
Matijuri (Assam)	17
Chepan (West Bengal)	16
Barpeta/sarbhog_aws Srijangram Arg (Assam)	15
Tikrikilla (Meghalaya)	13
Manash Nh Xing Kokrajhar (Assam) Barobhisha (West Bengal)	12
Halflong Beky Rly.bridge (Assam)	11

1.2 Rainfall forecast for next 5 days issued on 15th June 2024 (Midday) by IMD



2.0 Flood Situation and Advisories

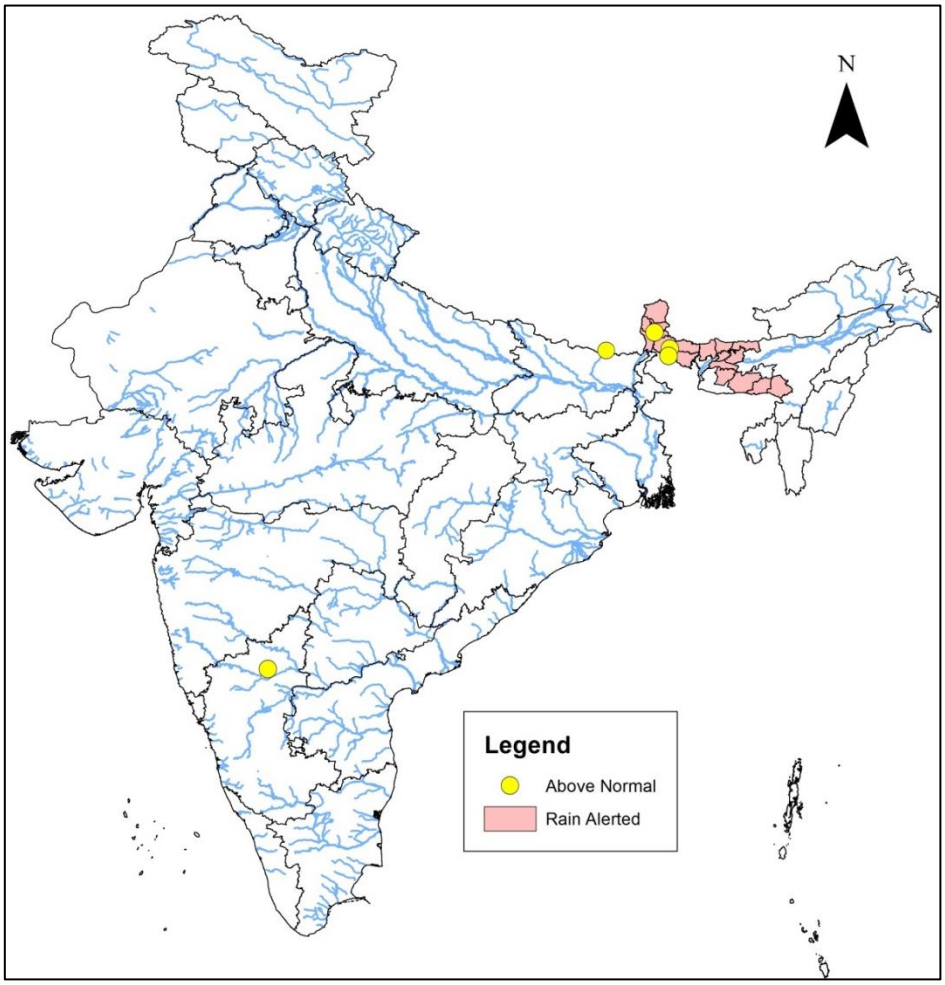
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 15thJune, 2024, 3 station in Assam 1 station in Sikkim and 1 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))		0
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	**Assam(3), Sikkim(1), West Bengal(1)**	5
Total number of sites above Warning Level (A+B+C)			5
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/cfcrcwcdfb15.06.2024_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 north Bangladesh and an east-west trough also runs from northwest Bihar to east Assam 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**.
- **Isolated extremely heavy rainfall** also likely over **Sub-Himalayan West Bengal & Sikkim on 15th and over Meghalaya during 15th-19th; Assam during 17th-19th** 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 is also expected in some of the said rivers. Water level rise and flood like situations are also expected in rivers such as Desang (Sivasagar dist.), Barak and its tributaries for next 2 to 3 days.

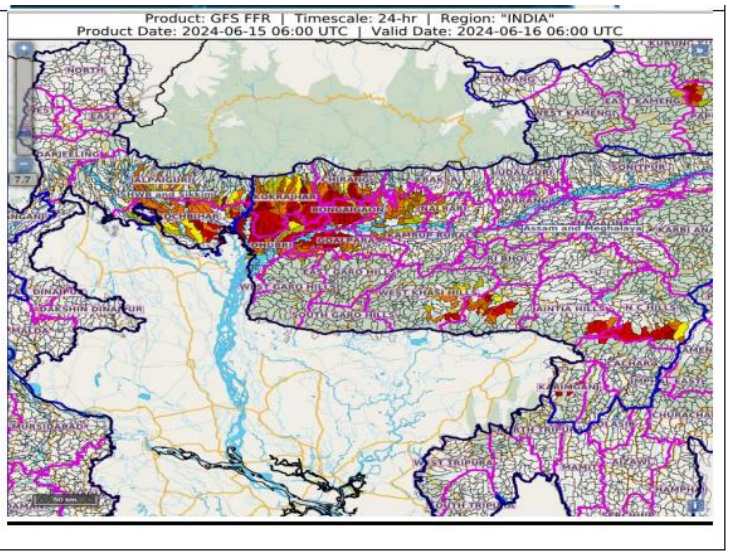
CWC Site	River	District	Flood Type	Trend in Water Level
Karimganj	Kushiyara	Karimganj	Above Normal	Rising
Nanglamoraghat	Desang	Shivsagar	Above Normal	Steady
Neamatighat	Brahamputra	Jorhat	Above Normal	Rising

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.

CWC Site	River	District	Flood Type	Trend in Water Level
Melli	Teesta	Namchi (Sikkim)	Above Normal	Falling
Mekhilganj	Teesta	Cooch Behar (SHWB)	Above Normal	Falling

2.3.Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 16-06-2024 : **Low to Moderate flash flood risk** likely over few watersheds & neighbourhoods of following Met Subdivisions during next 24 hours. **Assam & Meghalaya** - Bongaigaon, Chirang, Goalpara, Kokrajhar and Dhubri districts. **SHWB & Sikkim** - Jalpaiguri and Kochbihar districts.	

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	15-06-2024	16-06-2024	17-06-2024	18-06-2024	19-06-2024	20-06-2024	21-06-2024
1	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	AN	AN	AN	S	S	S	S
2	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	ASSAM	AN	AN	AN	AN	AN	AN	AN

4.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 15th June 2024

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.	Prakasam Barrage	Krishna//Lower Krishna/Krishna	Andhra Pradesh	Krishna/Guntur					
2.	Thottapalli Reservoir	Nagavali/Nagavali& Others/ERF(Mahanadi to Pennar)	Andhra Pradesh	Vizianagaram					
3.	Sunkesula Barrage	Tungabhadra/Lower Tungabhadra/Krishna	Andhra Pradesh	Kurnool					
4.	NMD Weir	Godavari/Upper Godavari/Godavari	Maharashtra	Nasik/Ahmadnagar					
5.	RanaPratapSagar	Chambal/UpperChambal/Ganga	Rajasthan	Neemuch(MP) /Dholpur,Kota,Bundi(Raj)					
6.	KotaBarrage	Chambal/UpperChambal/Ganga	Rajasthan	Neemuch(MP) /Dholpur,Kota,Bundi(Raj)					
7.	Ichari Dam	Tons/UpperYamuna/Ganga	Uttarakhand	Dehradun/Nahan(HP)					
8.	Sathanur Dam	Ponnaiar/Middle South Pennar/East flowing rivers between Pennar and Cauvery Basin	Tamil Nadu	Dharmapuri, Tiruvannamalai/Villupuram, Cuddalore					

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