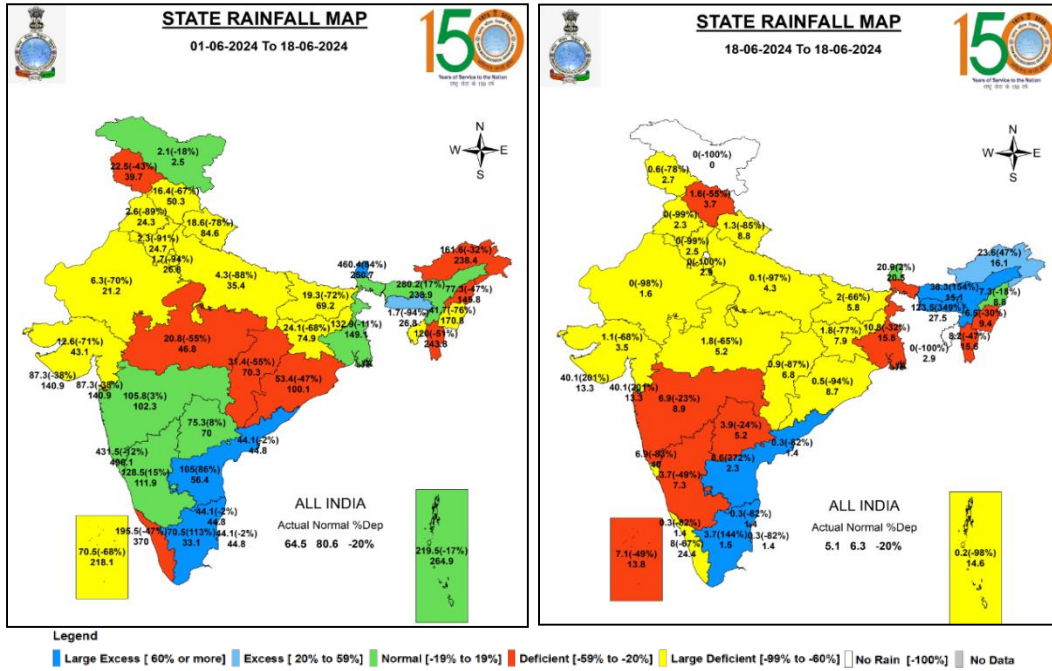




**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**18-06-2024**

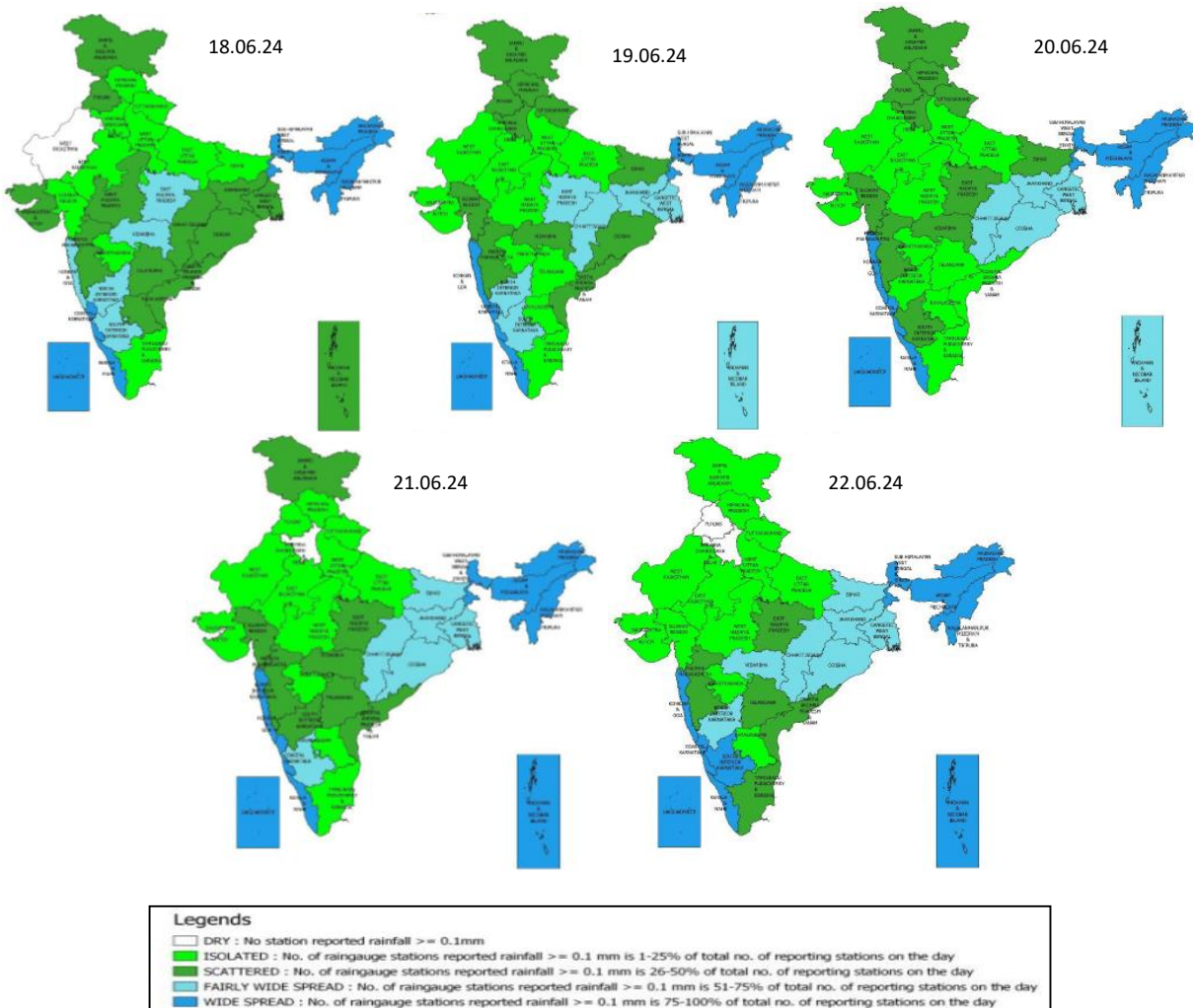
**1.0 Rainfall Situation**

**1.1 District wise departure from normal of cumulative and daily rainfall**



**NOTES :**  
 a) Rainfall figures are based on operation data.  
 b) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm).  
 c) Percentage Departures of rainfall are shown in brackets.

**1.2 Rainfall forecast for next 5 days issued on 18<sup>th</sup> June 2024 (Midday) by IMD**



2.0 Flood Situation and Advisories

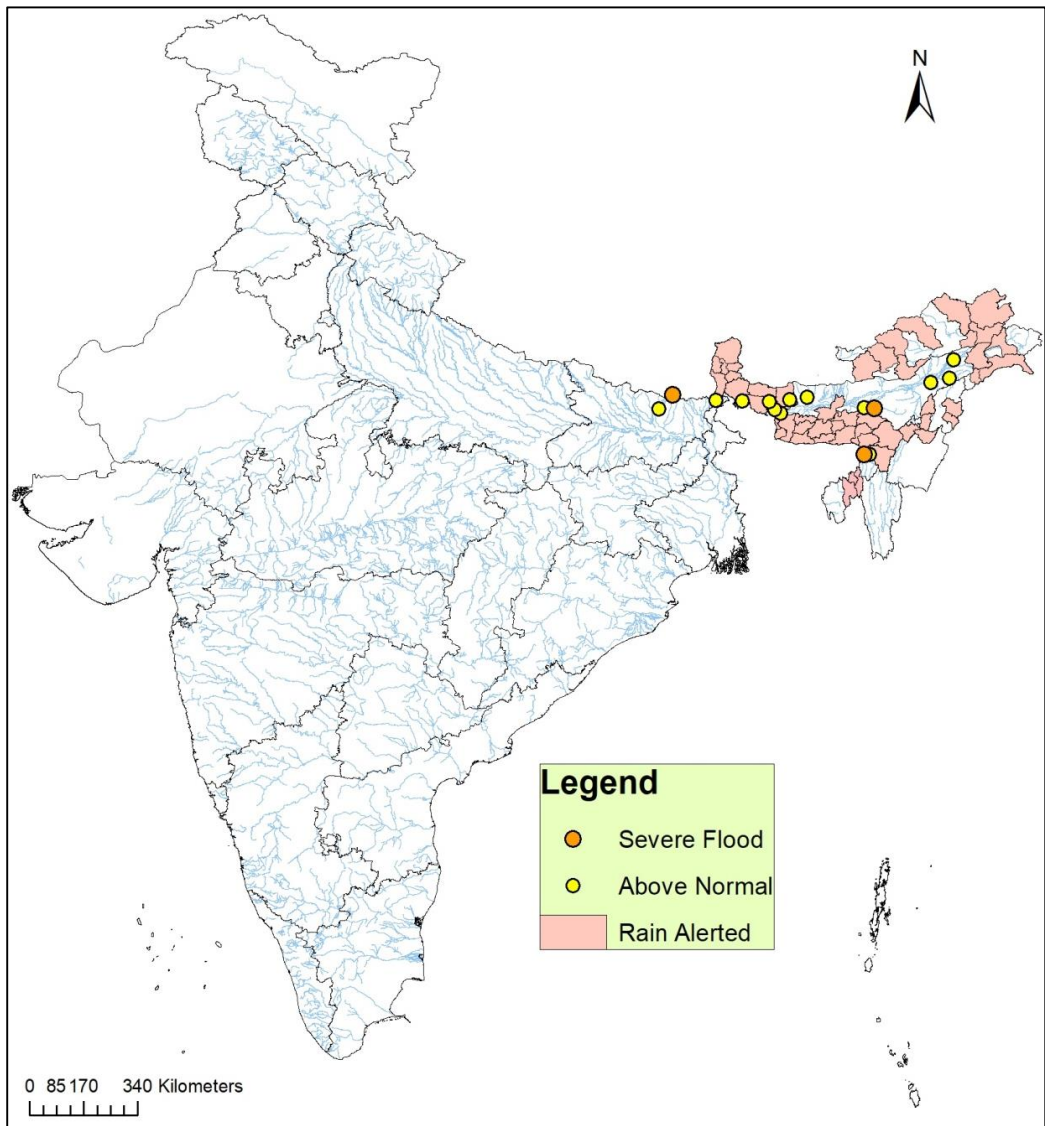
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 18<sup>th</sup> June 2024, 2 stations in Assam are flowing in Severe Flood Situation, 13 stations (9 in Assam and 2 each in Bihar & West Bengal) are flowing in Above Normal Flood Situation.

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(2)	2	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(9), Bihar(2), West Bengal(2)	13	
Total number of sites above Warning Level ( A+B+C)			15	
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/cfcrwcdfb18.06.2024\\_5.pdf](https://cwc.gov.in/sites/default/files/cfcrwcdfb18.06.2024_5.pdf)

2.1.1 Flood Situation Map



## 2.2 CWC Advisories

**Main Synoptic Situation:** A cyclonic circulation lies over northeast Assam in lower tropospheric levels. Strong southwesterly/southerly winds are prevailing from Bay of Bengal to northeast India in lower tropospheric levels. Under their influence:

- Isolated heavy to very heavy rainfall very likely over Sub-Himalayan West Bengal, Assam & Meghalaya, Arunachal Pradesh during 18th-21st; Nagaland, Manipur, Mizoram & Tripura on 18th, 19th & 22nd with isolated extremely heavy rainfall over Assam & Meghalaya and Sub-Himalayan West Bengal, Arunachal Pradesh on 18th & 19th and isolated exceptionally heavy rainfall over Meghalaya on 18th June, 2024.
- Widespread light to moderate rainfall with isolated heavy to very heavy rainfall very likely over Sikkim on 18th & 19th and heavy rainfall during 20th-22nd June, 2024.

### Assam & Tripura

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 likely to continue in Barak and its tributaries (Cachar, Karimganj, Hilakandi dists.) for next 2 to 3 days. 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 are expected to rise for next 2 days.

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

CWC Site	River	District	Flood Type	Trend in Water Level
Karimganj	Kushiyara	Karimganj	Severe	Rising
Kampur	Kopili	Nagaon	Severe	Falling
Badarpurghat	Barak	Karimganj	Above Normal	Rising
Dharamtul	Kopili	Morigaon	Above Normal	Rising
Golokganj	Sankosh	Dhubri	Above Normal	Rising
Dibrugarh	Brahmaputra	Dibrugarh	Above Normal	Rising
Dhubri	Brahmaputra	Dhubri	Above Normal	Rising
Kokrajhar	Gurang	Kokrajhar	Above Normal	Steady
Nanglamoraghat	Desang	Shivsagar	Above Normal	Steady
Manas NH Crossing	Manas	Bongaigaon	Above Normal	Falling
Neamatighat	Brahmaputra	Jorhat	Above Normal	Falling
Mekhliganj	Teesta	Cooch Behar	Above Normal	Rising
Tufanganj	Raidak -I	Cooch Behar	Above Normal	Falling
Nutanbazar GD Site	Juri	North Tripura	Above Normal	Rising

### 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, the flood situation in rivers is expected to continue for next 24 hrs. 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
Mekhliganj(R/B)	Teesta	Cooch Behar	Above Normal	Rising
Tufanganj	Raidak-I	Cooch Behar	Above Normal	Falling

### Bihar

Flood wave raised in upper reaches of Mahananda river is flowing downstream. Water levels in Mahananda river is expected to rise 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	Steady
Chargharia	Mahananda	Kishanganj	Above Normal	Rising
Basua	Kosi	Supaul	Above Normal	Rising
Taibpur	Mahananda	Kishanganj	Above Normal	Rising

### 2.3 Flash Flood Guidance

**24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 19-06-2024 :**

**Moderate to High flash flood risk** likely over few watersheds & neighbourhoods of **Arunachal Pradesh, Assam & Meghalaya, NMMT 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 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	19-06-2024	20-06-2024	21-06-2024	22-06-2024	23-06-2024	24-06-2024	25-06-2024
1	DHARAMTUL	KOPI LI	MARIGAON	Assam	S	S	E	E	E	S	S
2	NANGLAMORAGHAT	DESANG	SIVSAGAR	Assam	S	E	E	S	S	AN	AN
3	KAMPUR	KOPI LI	NAGAON	Assam	S	E	E	E	E	S	S
4	ANNAPURNA GHAT	BARAK	CACHAR	Assam	AN	AN	S	S	S	S	S
5	BADARPUR GHAT	BARAK	KARIMGANJ	Assam	S	S	S	S	S	S	S
6	KARIMGANJ	KUSHIYARA	KARIMGANJ	Assam	S	S	S	S	S	S	S
7	NEAMATIGHAT	BRAHMAPUTRA	JORHAT	Assam	AN	S	S	S	S	AN	AN
8	DHUBRI	BRAHMAPUTRA	DHUBRI	Assam	AN	AN	S	S	S	S	S
9	PUTHIMARI NH RD XING	PUTHIMARI	KAMRUP	Assam	AN	S	S	S	S	AN	AN
10	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	AN	AN	AN	AN	AN

**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 18<sup>th</sup> June 2024

Storageabove85%	
Storageabove60%	

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.	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)					

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