



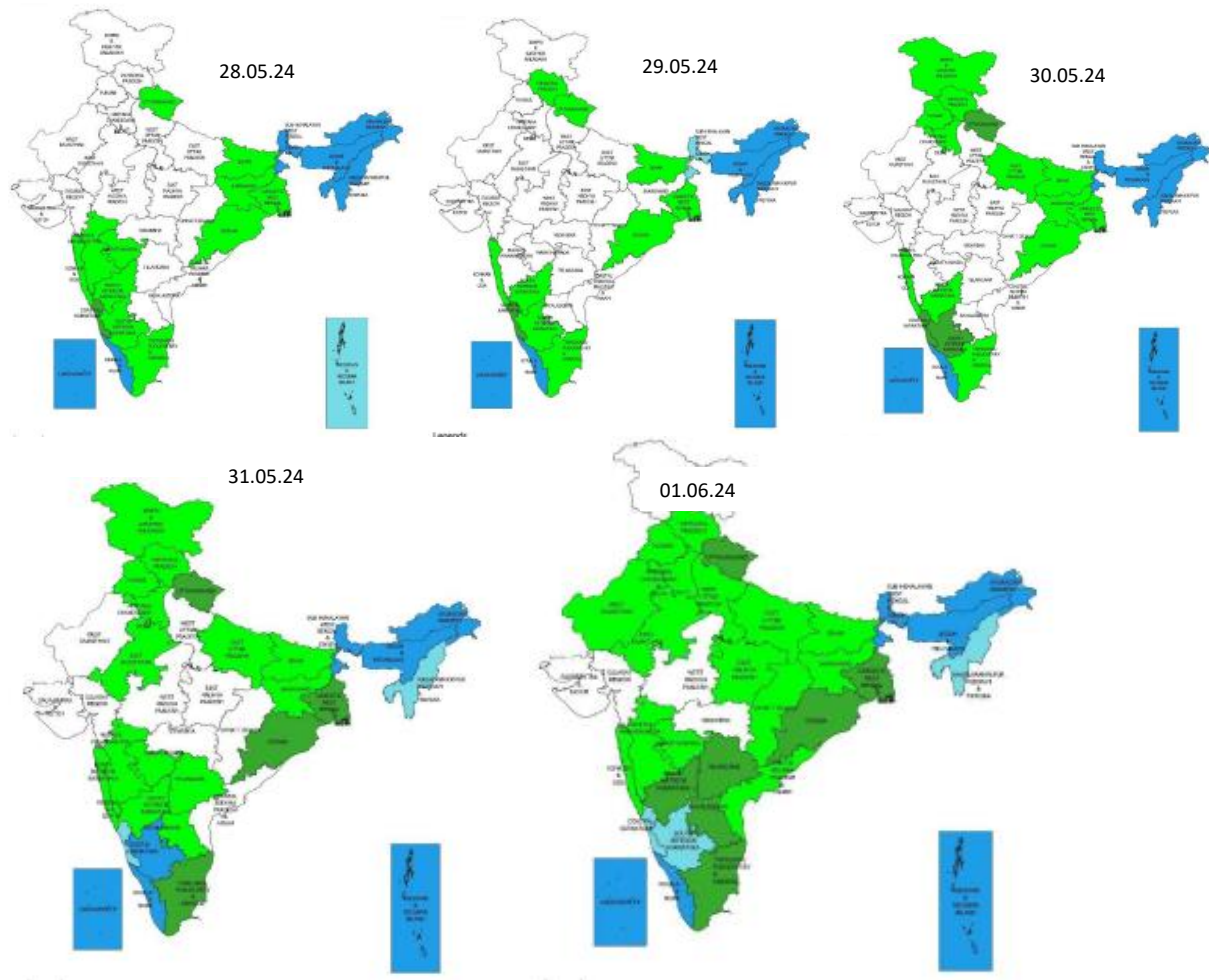
Central Water Commission
Special Flood Advisory for Arunachal Pradesh, Assam, Tripura, Kerala
28-05-2024

1.0 IMD information

1.1 Chief Amount of rainfall recorded at 0830 hours IST of today (13 cm or more) as per IMD

Name of Place (State)	Rainfall (in cm)
RKM sohra (Meghalaya)	58
Mawphlang(Meghalaya)	39
Mawkyrwat(Meghalaya)	21
Mawsynram(Meghalaya)	35
Umarangshu(Assam)	24
Williamnagar(Meghalaya)	22
Lumjinjshai(Meghalaya)	19
Silchar(Assam),	17
Mathuri, B.P Ghat, Lala(Assam)	16
Kollam (Kerala)	14
Alappuzha (Kerala)	13

1.1 Rainfall forecast for next 5 days issued on 28thMay 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

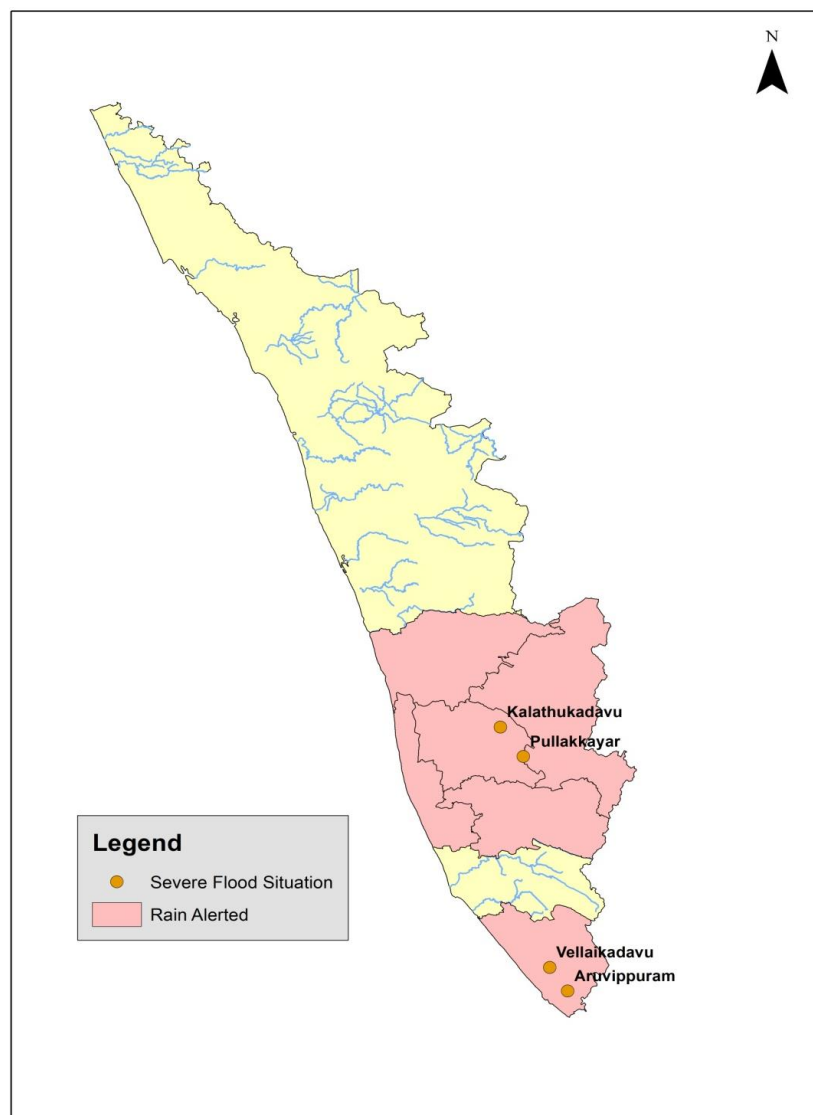
2.0 Flood Situation and Advisories

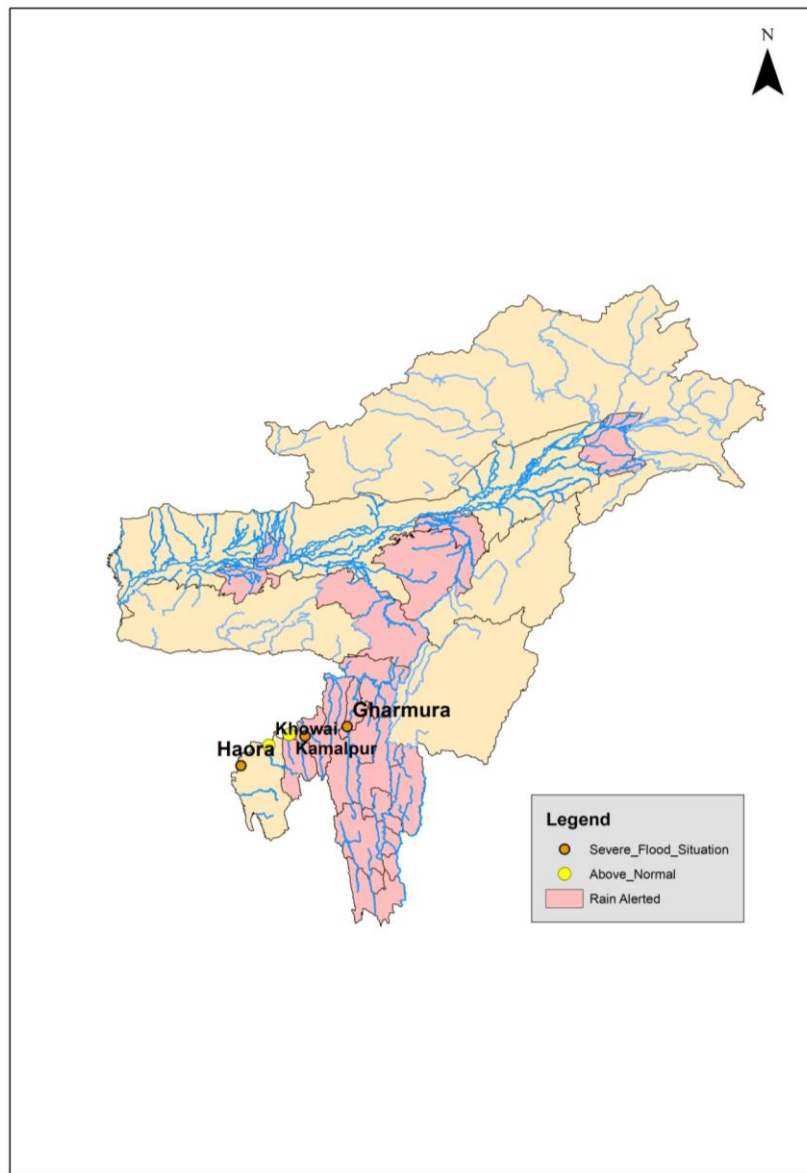
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

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)		0	
Total number of sites above Warning Level (A+B+C)			0	
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/cfcrwcdfb28.05.2024_5.pdf

Flood Situation Map





2.2 CWC Advisories

Synoptic Situation:

Due to presence of depression (remnant of cyclonic storm 'Remal') over east Bangladesh, very heavy to extremely heavy rainfall was witnessed over many places in Tripura and Meghalaya. As the said system is expected to move north of northeastwards in coming hours very heavy to extremely heavy rainfall is expected in Assam, Arunachal Pradesh, Tripura, Mizoram, Manipur areas (as informed by IMD via rain forecast bulletins).

Kerala

Kerala is experiencing very heavy rains from last week and IMD has predicted very heavy rains for next 2 days in districts **Pattanamthitta, Ernakulam, Allapuzha, Kottayam and Idukki**. Water level rise is expected in rivers Periyar, Pamba, Manimala, Thodupuzha, Achankovil and other small rivers in the above said region.

Current flood situation as per CWC network is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Aruvipuram	Neyyar	Thiruvananthapuram	Severe	Rising
vellaikadavu	Karamana	Thiruvananthapuram	Severe	Falling
Pullakkayar	Manimala	Kottayam	Above Normal	Falling

Tripura

Very heavy rainfall is expected in districts **Dhalai, Unokoti, North Tripura** for next 24 hrs, hence water level is expected in rivers Gumti, Haora, Khowai, Dhalai, Manu rivers.

Assam

In next 24 hrs extremely heavy rainfall is expected in districts **Dhubri, Dima Haso, Cachar, Hailakandi, Karimganj** and thereafter very heavy rainfall is expected in north districts of Assam namely **West Karbi Anglong, Nagaon, Hojai, Karbi Analog, Golghat, Kokrajhar, Baska, Chirang, Sonitpur, Biswanath, Lakhimpur, Dhemaji, Dibrugarh, Tinsukia** districts. Above normal to severe flood situations are expected in rivers Katakhal, Beki, Kampur, Ranganadi and Kopili. Water level rise is expected in rivers Dikhow, Dhansiri, Manas, Jiabharali and other small rivers arising from Arunachal Pradesh.

Current flood situation as per CWC network in Tripura and Assam is given below:

CWC Site	River	District	Flood Type	Trend in Water Level
Gharmura	Dhaleswari	Hailakandi (Assam)	Severe	Rising
Haora	Haora	West Tripura (Tripura)	Severe	Rising
Kumarghat	Manu	Unakoti (Tripura)	Severe	Falling
Khowai	Khowai	Khowai (Tripura)	Above Normal	Falling
Matizuri	Katakhal	Hailakandi (Assam)	Above Normal	Rising

Arunachal Pradesh

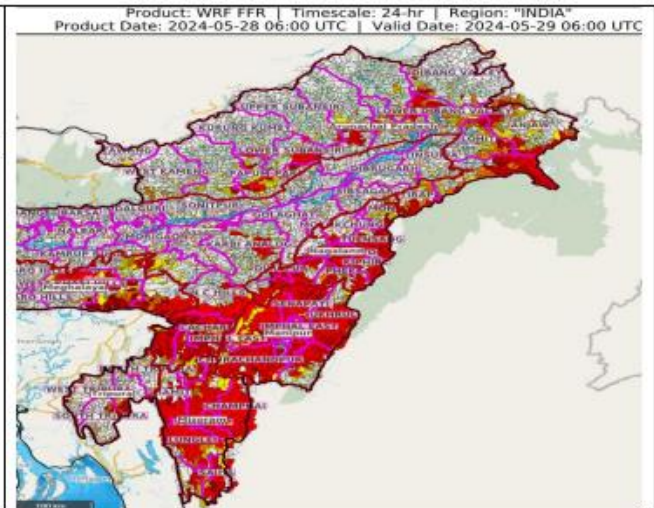
In next 24 hours extremely heavy rains are expected in **West Kameng, East Kameng, Papumpare, Chanlang** districts. Very heavy rains are expected in most of the districts for next 2 days. Water level rise is expected in rivers Dibang, Siang, Subansiri, Kameng rivers and other small rivers over the said regions. Increased inflows are expected into Subansiri Lower dam.

2.3 Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 29-05-2024 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of **Arunachal Pradesh, Assam & Meghalaya** and NMMT Met Sub-divisions during next 24 hours.

Surface runoff/ Inundation may occur on low lying areas due to persistent rainfall under the influence of remnants of a cyclonic storm "Remal" during next 24 hours.



3.0 **Advisory Flood Forecast for next 7-days**inTable form

The flood situational Flood Forecasting Stations likely to be above warning level for next 7days

S.No.	Station	River	District	State	29-05-2024	30-05-2024	31-05-2024	01-06-2024	02-06-2024	03-06-2024	04-06-2024
1	DIBRUGARH	BRAHMAPUTRA	DIBRUGARH	Assam	AN	AN	S	AN	AN	AN	AN
2	RANGANADI NT ROAD CROSSING	RANGANADI	LAKHIMPUR	Assam	AN	S	S	S	S	AN	S