



India Meteorological Department
(Ministry of Earth Sciences)

NATIONAL BULLETIN NO. 28 (BOB/01/2024)

TIME OF ISSUE: 0830 HOURS IST

DATED: 28.05.2024

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Sub: Deep Depression (remnant of Cyclonic Storm "Remal") weakened into a Depression over east Bangladesh

The **Deep Depression (remnant of Cyclonic Storm "Remal")** over Bangladesh moved east-northeastwards with a speed of 12 kmph during past 06 hours, **weakened into a Depression** and lay centered at 0530 hrs IST of 28th May, 2024 over east Bangladesh, near **latitude** 24.4 °N and **longitude** 91.1 °E, about 170 km west-southwest of Silchar (Assam), 260 km north-northeast of Mongla (Bangladesh), 60 km west-southwest of Srimangal (Bangladesh) and 100 km northeast of Dhaka (Bangladesh)

The system is likely to move east-northeastwards, and weaken further into a Well Marked Low Pressure Area during next 12 hours.

Warnings (Graphics Attached):

Heavy Rainfall Warning:

- West Bengal:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places likely over eastern districts of Sub-Himalayan West Bengal on 28th May.
- Northeastern States:** Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places is very likely over Assam, Meghalaya, Mizoram & Tripura and at isolated places over Arunachal Pradesh, Nagaland, Manipur on 28th May. Isolated **extremely heavy rainfall** (≥ 20 cm) is also likely over south Assam, Meghalaya & Tripura on 28th May.

Wind Warning:

(a) Bay of Bengal and along & off Bangladesh and West Bengal coasts

- ❖ Squally wind speed reaching 40-50 kmph gusting to 60 kmph very likely to prevail over North Bay of Bengal till noon of 28th and improve thereafter.

(b) Northeastern States

- ❖ Squally wind speed reaching 40-50 kmph gusting to 60 kmph is likely over South Assam and Meghalaya, Mizoram, Tripura and 35-45 kmph gusting to 55 kmph is likely over Nagaland, Manipur and remaining parts of Assam till afternoon noon of 28th and thereafter very likely to decrease and becoming 35-45 kmph gusting to 55 kmph over Assam, Meghalaya, Mizoram & Tripura till 28th May evening.

Sea condition warning:

(a) North Bay of Bengal, along & off Bangladesh and West Bengal coasts

Rough Sea condition very likely over North Bay of Bengal, along & off Bangladesh and West Bengal coasts till noon of 28th May and improve thereafter.

Damage Expected over Northeastern States (Assam, Meghalaya, Manipur, Tripura, Mizoram)

- ❖ Damage to vulnerable structures and thatched houses/ huts.
- ❖ Unattached metal sheets may fly.
- ❖ Damage to banana and papaya trees.
- ❖ Damage to Kutcha and minor damage to Pucca roads due to heavy rain.
- ❖ Damage to paddy crops, horticultural crops and orchards.
- ❖ Inundation of low-lying areas and localized flooding
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Disruption of traffic due to water logging and squally winds

❖

Action Suggested for Damage Expected over Northeastern States (south Assam, Meghalaya, Manipur, Tripura, Mizoram) on 28th May:

- ❖ People in vulnerable areas to move to safer places.
- ❖ People in affected areas to remain indoors.
- ❖ Avoid going to areas that face the water logging problems often.

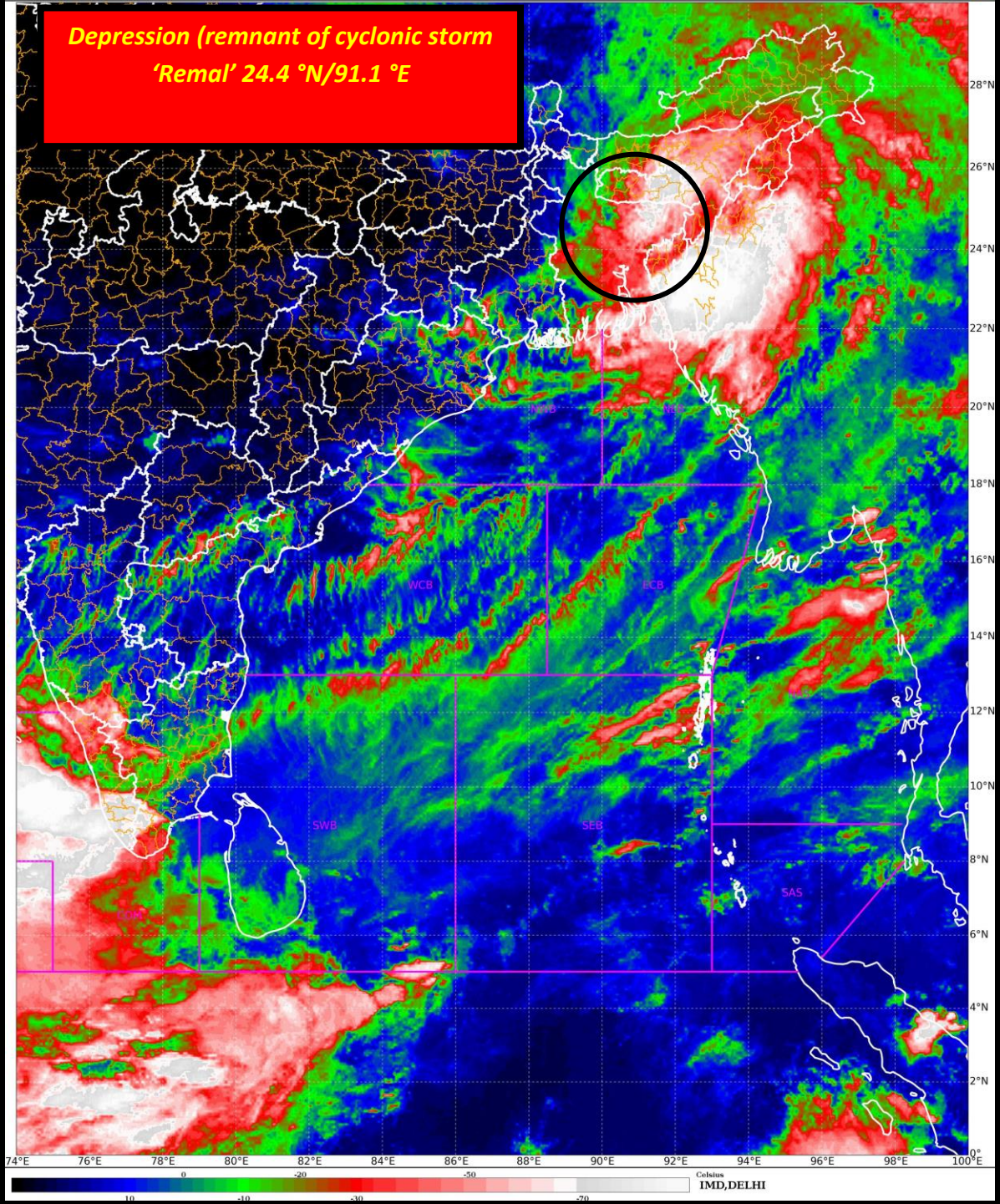
❖

The system is under continuous surveillance and the next message will be issued at 1130 hours IST of 28th May, 2024.

(Shobhit Katiyar)

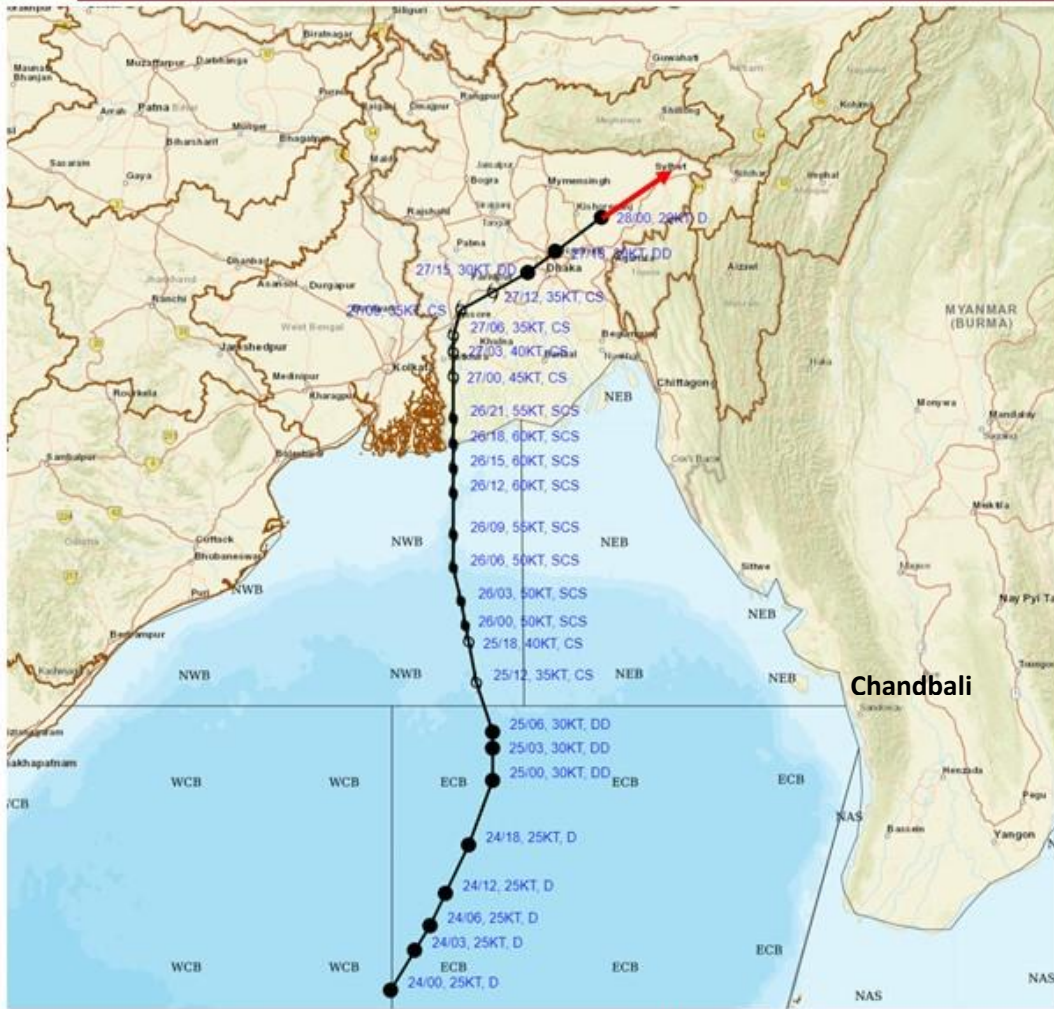
Scientist D, Cyclone Warning Division, New Delhi

*Copy to: ACWC Kolkata/ ACWC Chennai/ CWC Bhubaneswar/CWC Visakhapatnam/MO
Port Blair/RMC Guwahati*





FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY IN ASSOCIATION WITH DEPRESSION (REMANANT OF CYCLONIC STORM 'REMAL') OVER EAST BANGLADESH BASED ON 0000 UTC (0530 IST) OF 28TH MAY 2024.



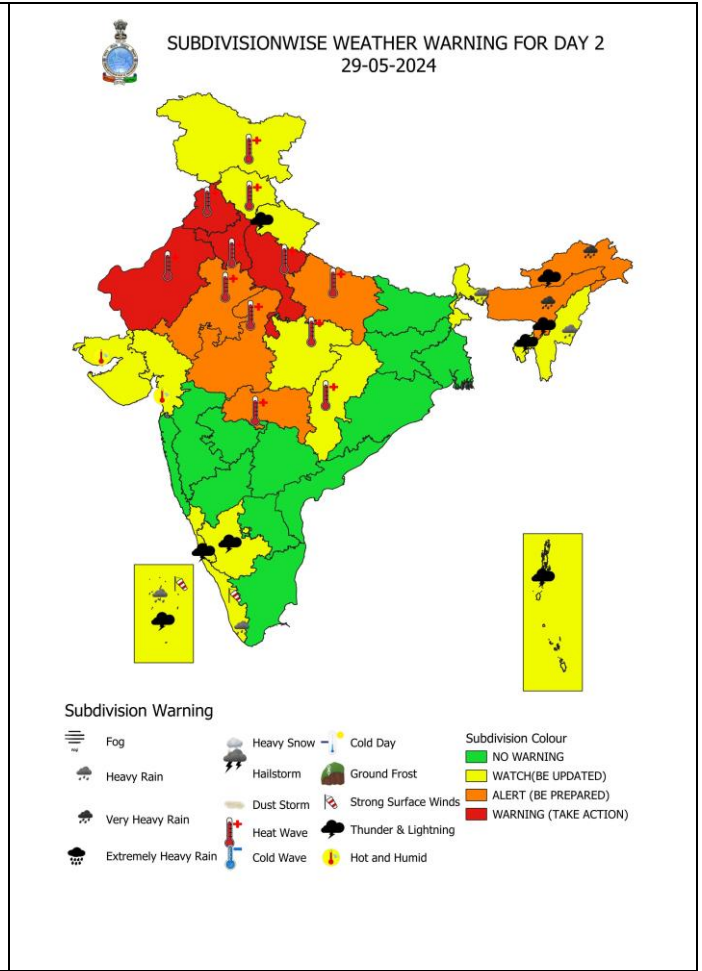
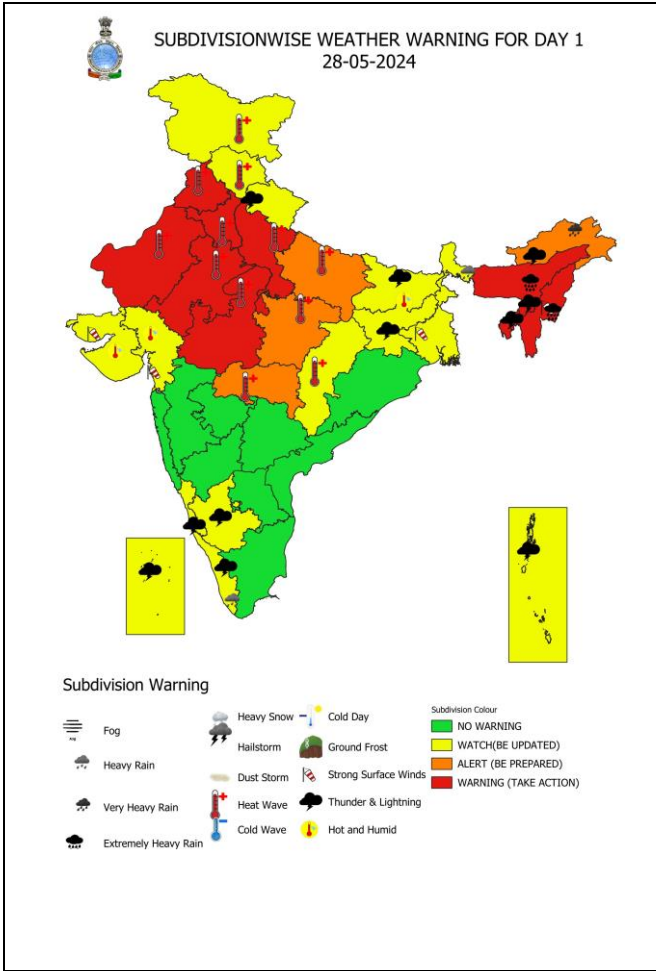
DATE/TIME IN UTC
IST=UTC + 0530

L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

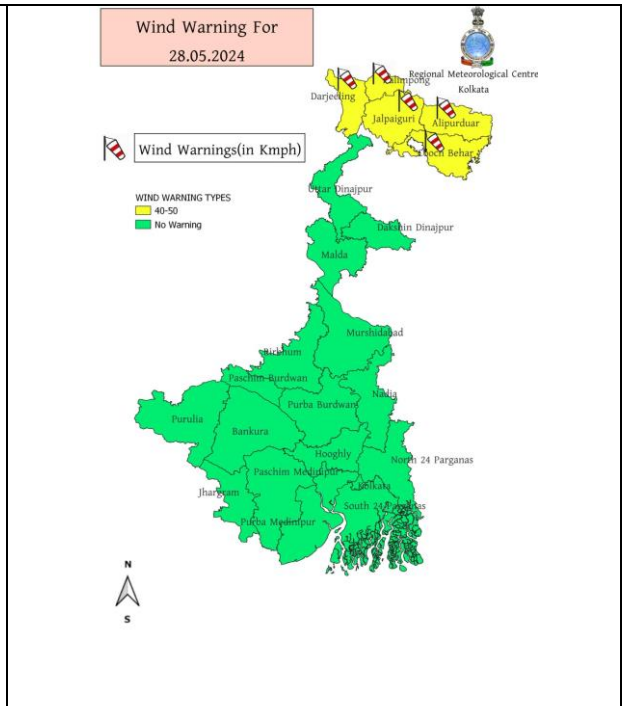
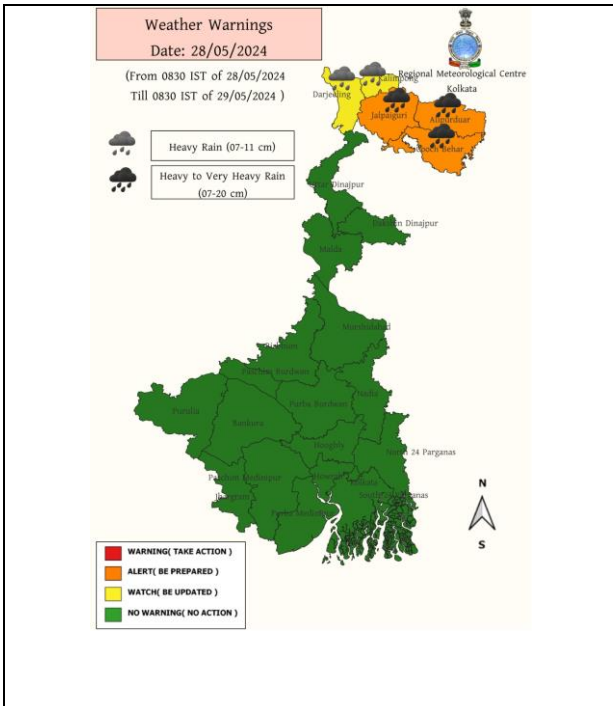
- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- CONE OF UNCERTAINTY

Forecast	DISTANCE (KM) AND DIRECTION FROM STATIONS			
Date and Time (UTC)	Silchar	Mongla	SRIMANGAL	Dhaka
28.05.24/0000	170, WSW	260, NNE	60, WSW	100, NE

All India Warning Graphics

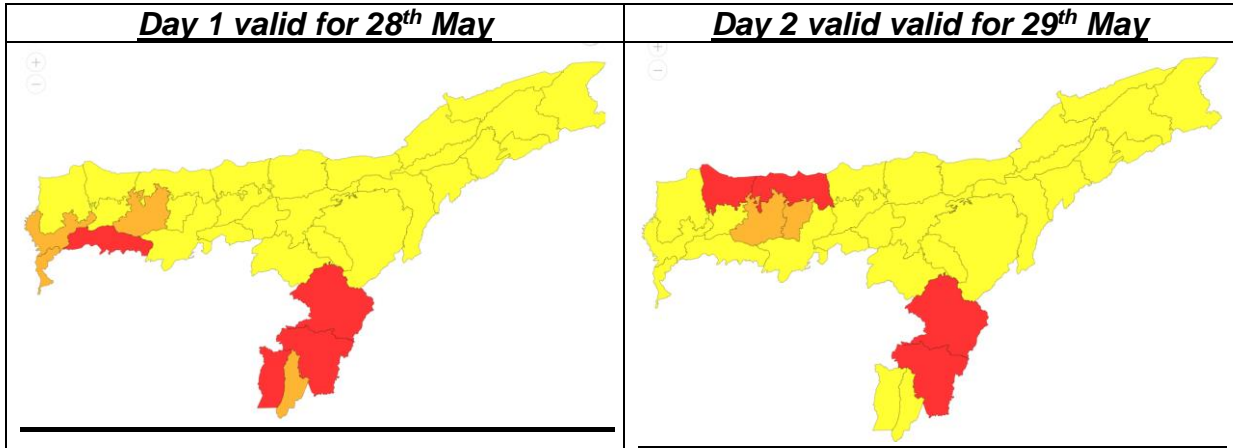


Warning Graphics of West Bengal

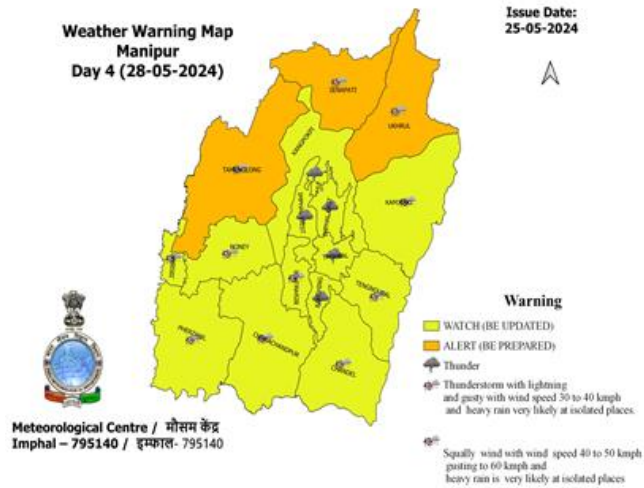


Warning Graphics of North-eastern States of India

Assam

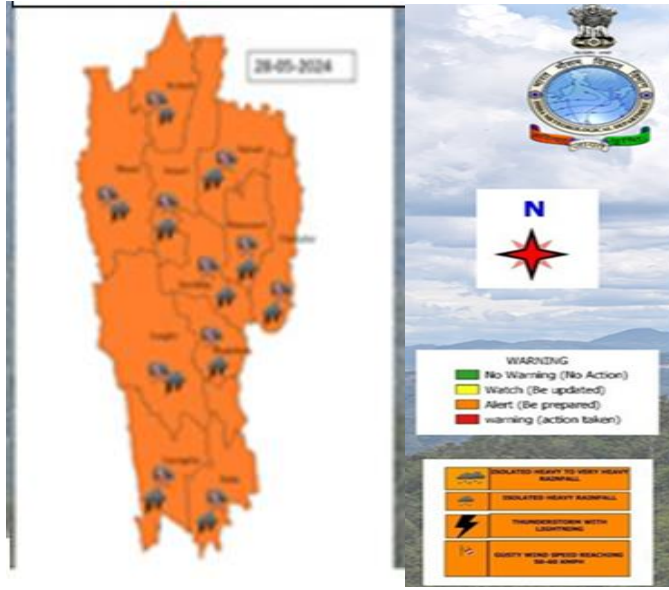


MANIPUR



MIZORAM

Valid for 28th May, 2024



TRIPURA



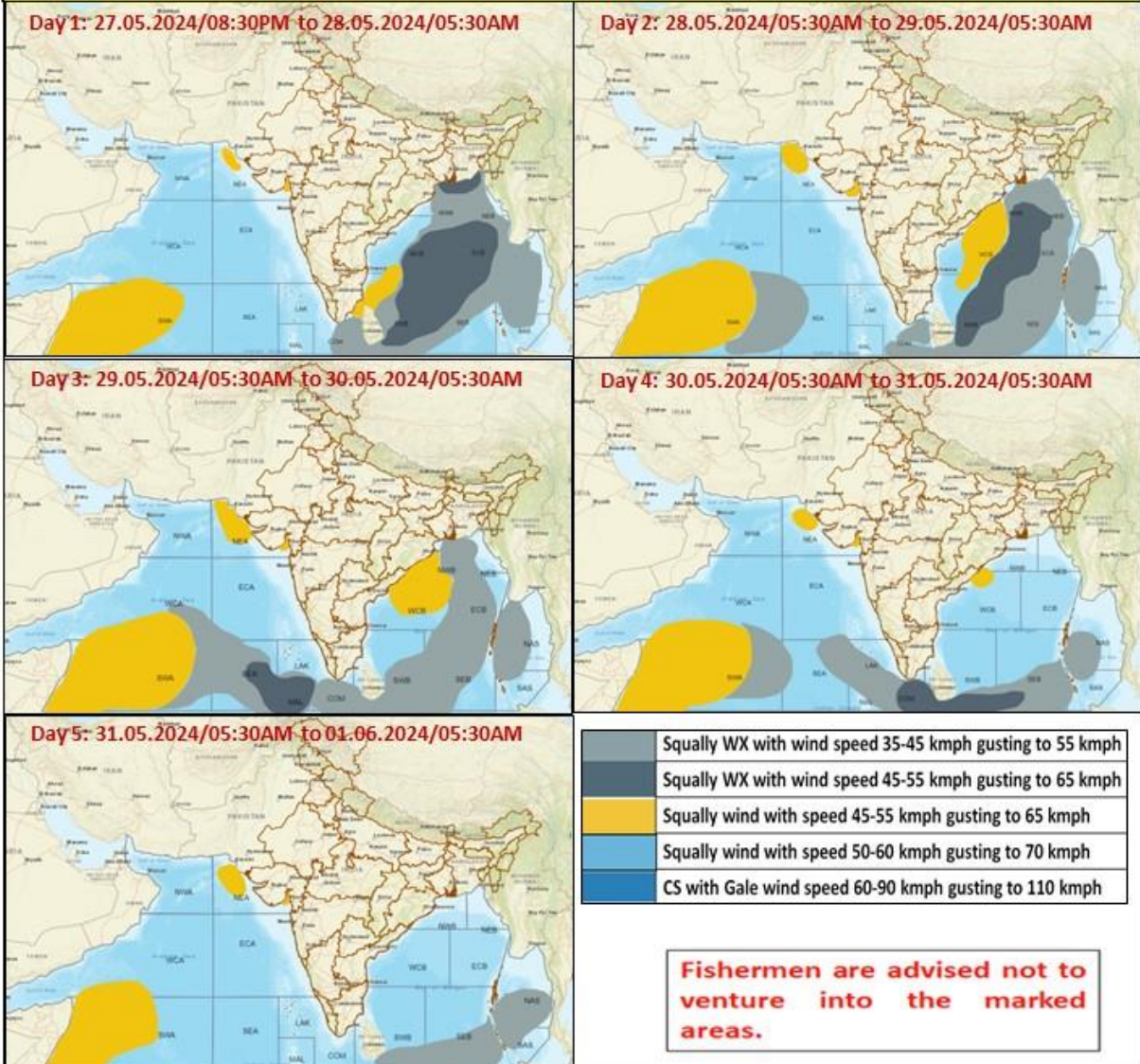
MEGHALAYA

Weather Warning Map
Meghalaya
Day-2 (28-05-2024)

Issue Date: 27-05-2024



Fishermen Warning Graphics

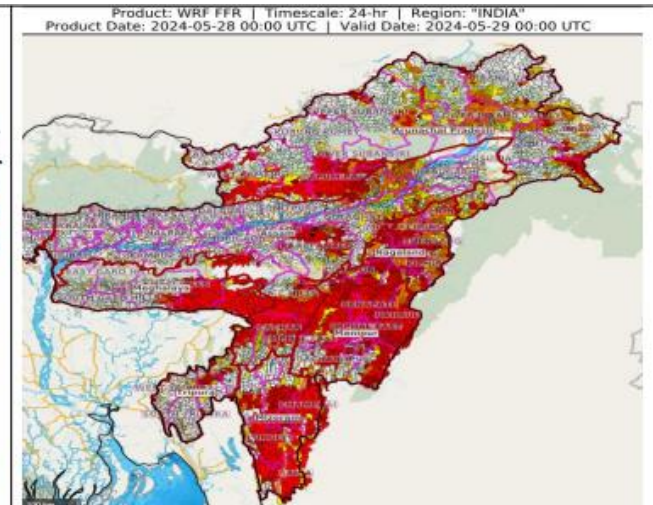


Flash Flood Guidance for Northeastern States

24 hours Outlook for the Flash Flood Risk (FFR) till 0530 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 remnant Cyclonic Storm “Remal” in next 24 hours.



Flash Flood Threat	Flash Flood Risk
 High Threat (Take Action)	 High Risk (Take Action)
 Moderate threat (Be Prepared)	 Moderate Risk (Be Prepared)
 Low Threat (Be Updated)	 Low Risk (Be Updated)