



REGIONAL SPECIALISED METEOROLOGICAL CENTRE-TROPICAL CYCLONES, NEW DELHI SPECIAL TROPICAL WEATHER OUTLOOK

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 30.05.2025

SPECIAL TROPICAL WEATHER OUTLOOK FOR THE NORTH INDIAN OCEAN (THE BAY OF BENGAL AND THE ARABIAN SEA) VALID FOR THE NEXT 168 HOURS ISSUED AT 1500 UTC OF 30.05.2025 BASED ON 1200 UTC OF 30.05.2025.

Sub: Well Marked Low Pressure over Meghalaya and neighbourhood

The depression over North Bangladesh and adjoining Meghalaya moved north-northeastwards and weakened into a well marked low pressure area over Meghalaya and neighbourhood at 1200 UTC of today, the 30th May, 2025.

It is very likely to weaken into a low pressure area over Assam and neighbourhood during next 12 hours.

As per the satellite imagery based on 0600 UTC of 30th May, scattered to broken low and medium clouds with embedded moderate to intense convection lay over northeast states and Gangetic West Bengal. Moderate to intense convection lay over Gangetic West Bengal and Northeast and adjoining Eastcentral Bay of Bengal and adjoining Arakan coast. Minimum cloud top temperature was -60°C to -70°C.

Remarks:

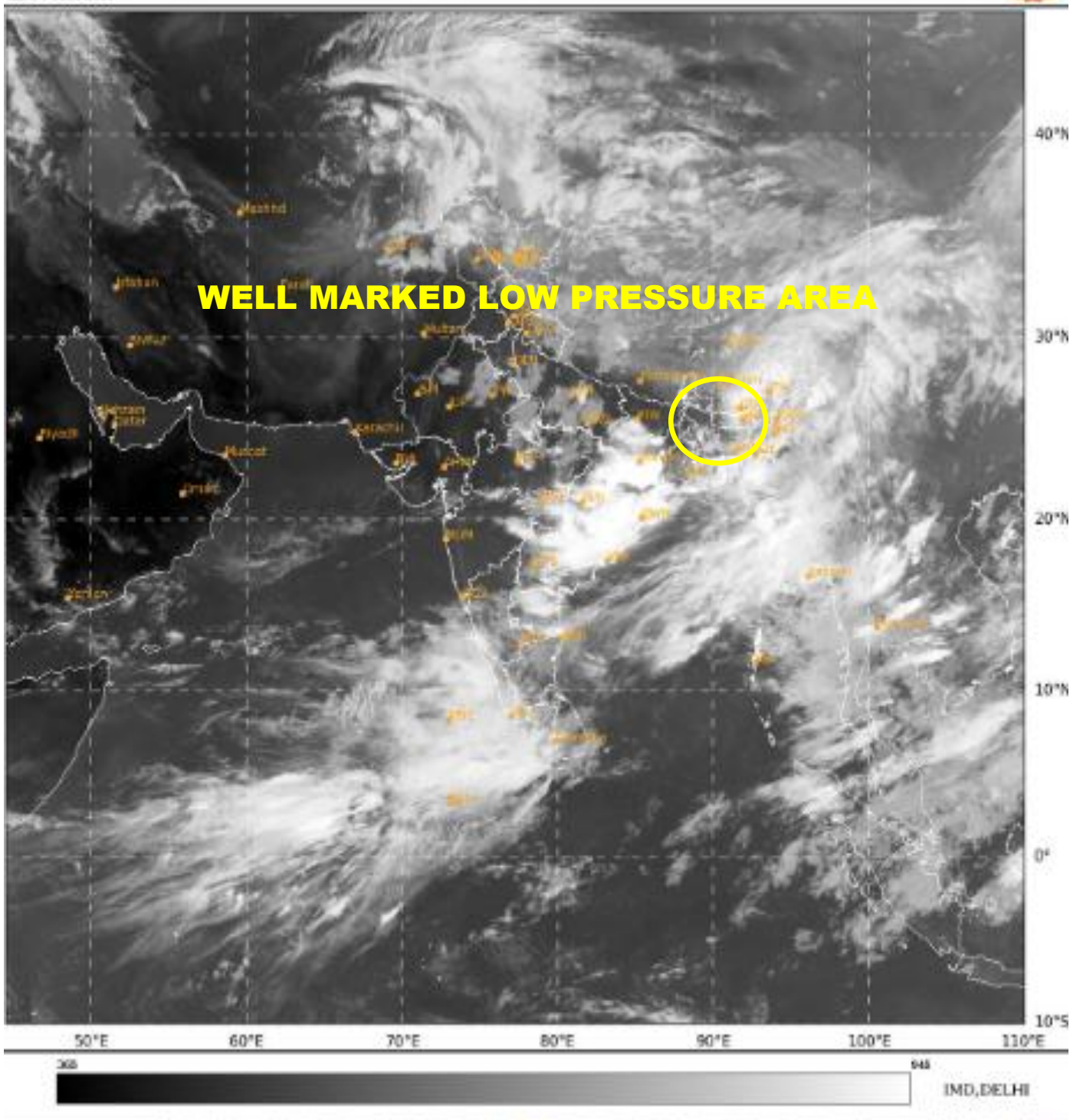
Due to interaction with rugged terrains, the system weakened into a well marked low pressure area over Meghalaya and neighbourhood

This is last update in association with this system. However, regular Tropical Weather Outlook shall be issued by RSMC New Delhi based on 0300 UTC of tomorrow, the 31st May 2025.

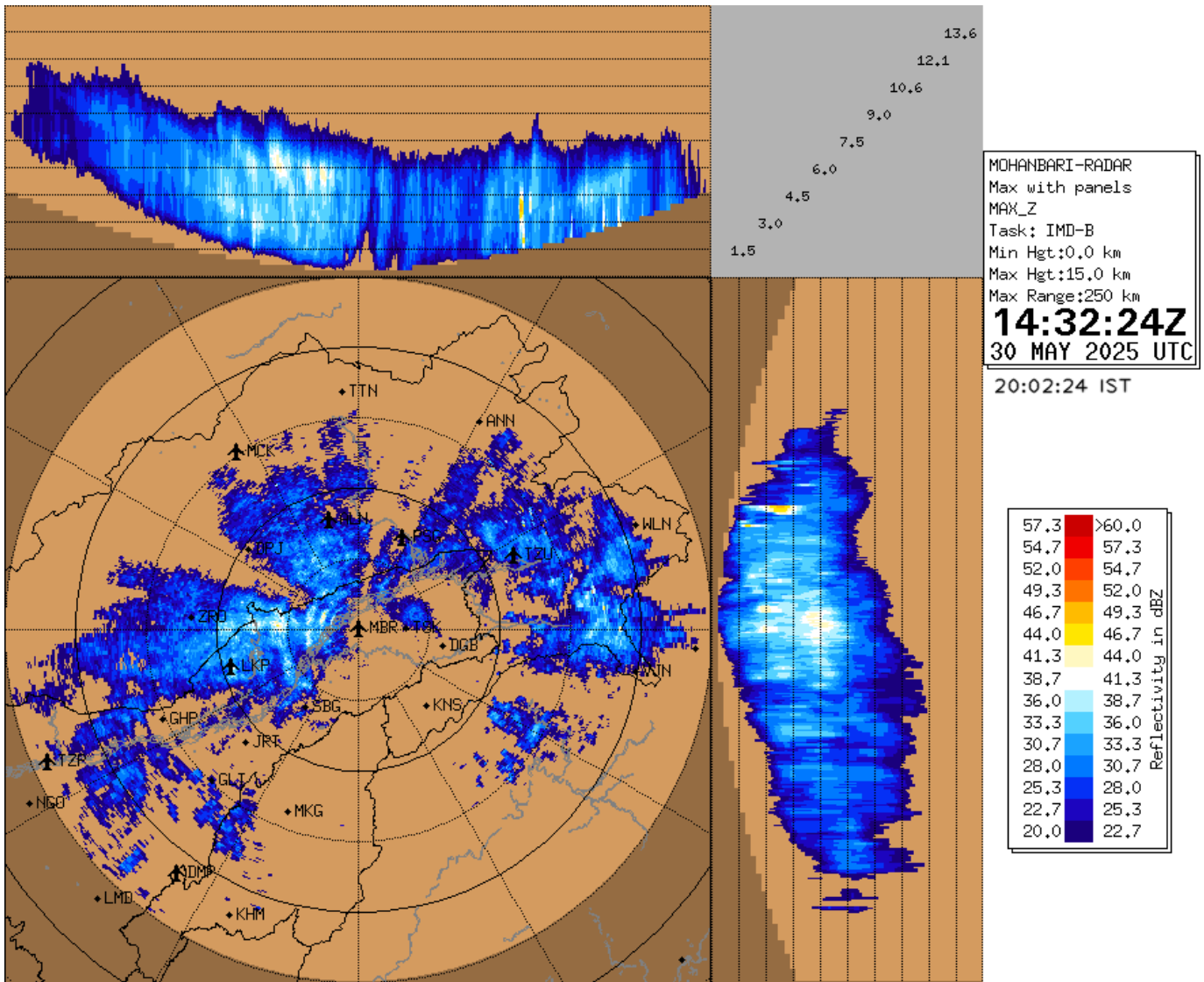
**Monica Sharma
Scientist D,
Head RSMC New Delhi**

SAT : INSAT-3DR IMG
EMC TIR1 10.8 um
LIC Mercator

30-05-2025(1315 to 1342) GMT
30-05-2025(1845 to 1912) IST



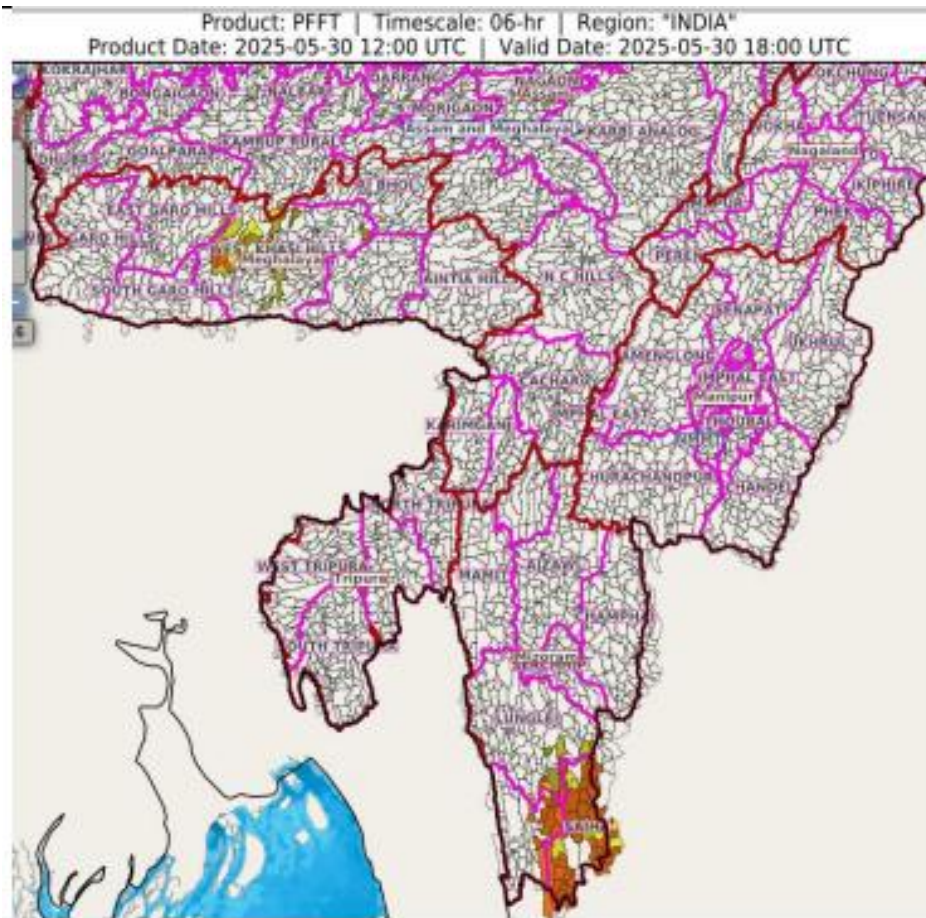
Cloud distribution: (a) Isolated: <25%, Scattered:25-50%, Broken: 51-75%, Solid:>75%, Convection Intensity: (a) Weak: Cloud Top Temperature(CTT)>-25°C,(b)Moderate:CTT:-25°Cto-40°C,(c)Intense:CTT: -41°Cto -70°Cand(d)Very Intense::Less than -70°C
PROBABILITY OF CYCLOGENESIS (FORMATION OF DEPRESSION): NIL:0%,LOW:1-33%,MODERATE:34-66%AND HIGH:67-100%
This is a guidance Bulletin for WMO/ESCAP Panel Member countries. Visit respective National websites for Country specific Bulletins




Maximum Reflectivity (dBZ) Observation by Doppler Weather Radar (DWR) at Mohanbari

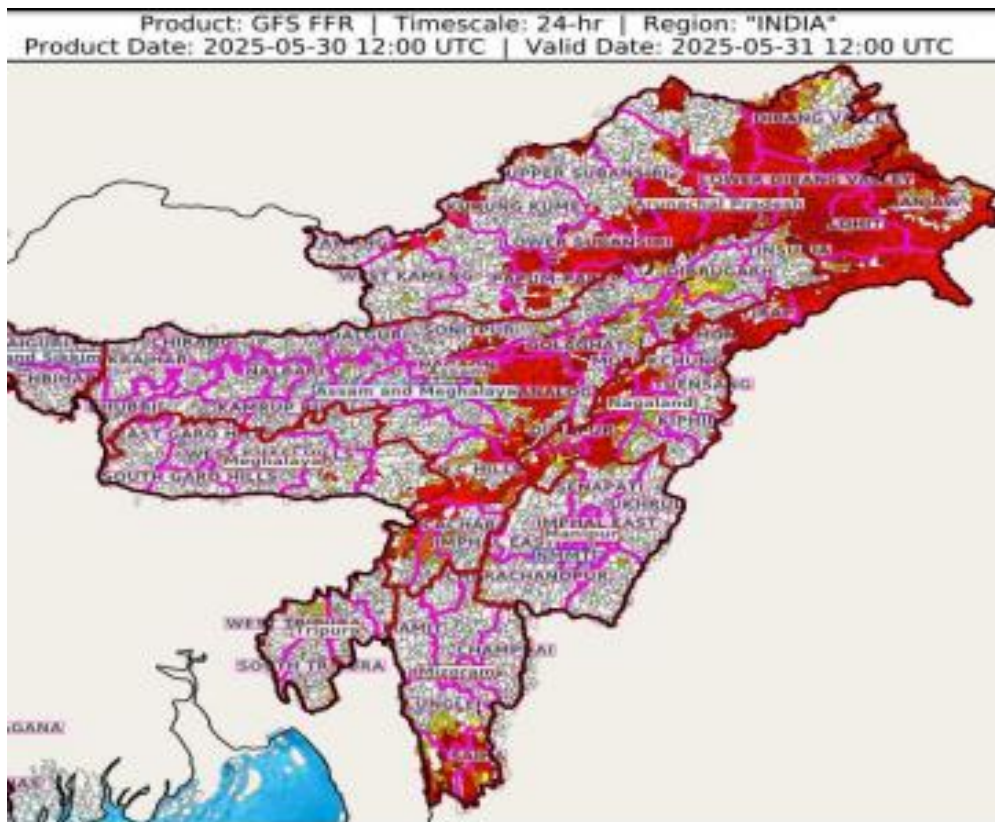
Persistent Flash Flood Threat (PFFT) till 2330 IST of 30-05-2025

Moderate flash flood threat likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 6 hours. Assam & Meghalaya - Kamrup Rural, East Garo Hills and West Khasi Hills districts. Nagaland Mizoram Manipur Tripura (NMMT) Mizoram- Lawngtlai, Lunglei and Saiha districts. Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 6 hours



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

24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 31-05-2025



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

Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours. Arunachal Pradesh - Changlang, Dibang Valley, East Kameng, East Siang, Lohit, Lower Dibang Valley, Lower Subansiri, Papum-Pare, Tawang, Tirap, West Kameng, West Siang, Anjaw, Upper Siang and Kurung Kumey districts. Assam & Meghalaya - Cachar, Dhemaji, Dibrugarh, Golaghat, Hailakandi, Jorhat, Karbi Analog, Lakhimpur, N.C Hills, Nagaon, Sibsagar, Sonitpur, Tinsukia, Karimganj, East Khasi Hills and Jaintia Hills districts. Nagaland Mizoram Manipur Tripura (NMMT)

Manipur-Chandel, Churachandpur, Senapati, Mizoram- Aizawl, Lawngtlai, Lunglei, Saiha, Nagaland-Dimapur, Kiphire, Kohima, Mokokchung, Mon, Peren, Phek, Tuensang and Wokha Tripura- South Tripura and West tripura districts. Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.

Fishermen Warning Graphics

