



**India Meteorological Department
(Ministry of Earth Sciences)
NATIONAL BULLETIN NO. 9 (BoB/01/2025)**

TIME OF ISSUE: 2030 HOURS IST

DATED: 30.05.2025

FROM: INDIA METEOROLOGICAL DEPARTMENT

(FAX NO. 24643965/24699216/24623220)

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Subject: Depression weakened into a well-marked low pressure are 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 1730 hours IST 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.

Warnings:

(i) Rainfall Warning:

- ❖ Light to moderate rainfall at most places with heavy to very heavy rainfall at a few places with extremely heavy rainfall (**≥ 21 cm**) at isolated places over Assam & Meghalaya and heavy to extremely heavy rainfall at isolated places over Nagaland, Manipur, Mizoram, Tripura, Arunachal Pradesh, Sub-Himalayan West Bengal and Sikkim on 30th May. There could be exceptionally heavy rainfall (**≥ 30 cm**) at isolated places over Meghalaya during the same period.

(ii) Wind Warning:

- ❖ Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely to prevail over northeast Bay of Bengal and along & off Bangladesh coasts on 30th May. It would decrease gradually thereafter.
- ❖ Squally wind speed reaching 35-45 kmph gusting to 55 kmph is very likely to prevail over northwest and adjoining eastcentral Bay of Bengal and along & off West Bengal coast on 30th May.
- ❖ Squally wind speed reaching 35-45 kmph gusting to 55 kmph is very likely over Nagaland, Manipur, Mizoram, Tripura, Assam, Meghalaya, Arunachal Pradesh, Sub-Himalayan West Bengal and Sikkim on 30th May.

(iii) Sea Condition:

Sea condition is very likely to be rough to very rough over north and adjoining central Bay of Bengal and along & off West Bengal and Bangladesh coasts on 30th May. Sea condition would improve thereafter.

(iv) Fishermen Warning:

Fishermen are advised not to venture into north and adjoining central Bay of Bengal and along & off West Bengal and Bangladesh coasts on 30th May.

(v) Impact Expected and Action Suggested over Northeastern states, Sub-Himalayan West Bengal and Sikkim due to heavy rainfall and squally winds

Impact expected:

- ❖ Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- ❖ Partial damage to vulnerable structures due to strong winds and rain.
- ❖ Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- ❖ Loose objects may fly.
- ❖ Onshore and offshore operations may get affected.
- ❖ Small ships, trawlers and boats may be affected.
- ❖ Road and rail traffic may be affected due to heavy rain and squally winds.
- ❖ There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Helicopter services may get affected.

Action suggested:

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Onshore and offshore activities to be judiciously regulated.
- ❖ Helicopter services to be regulated.

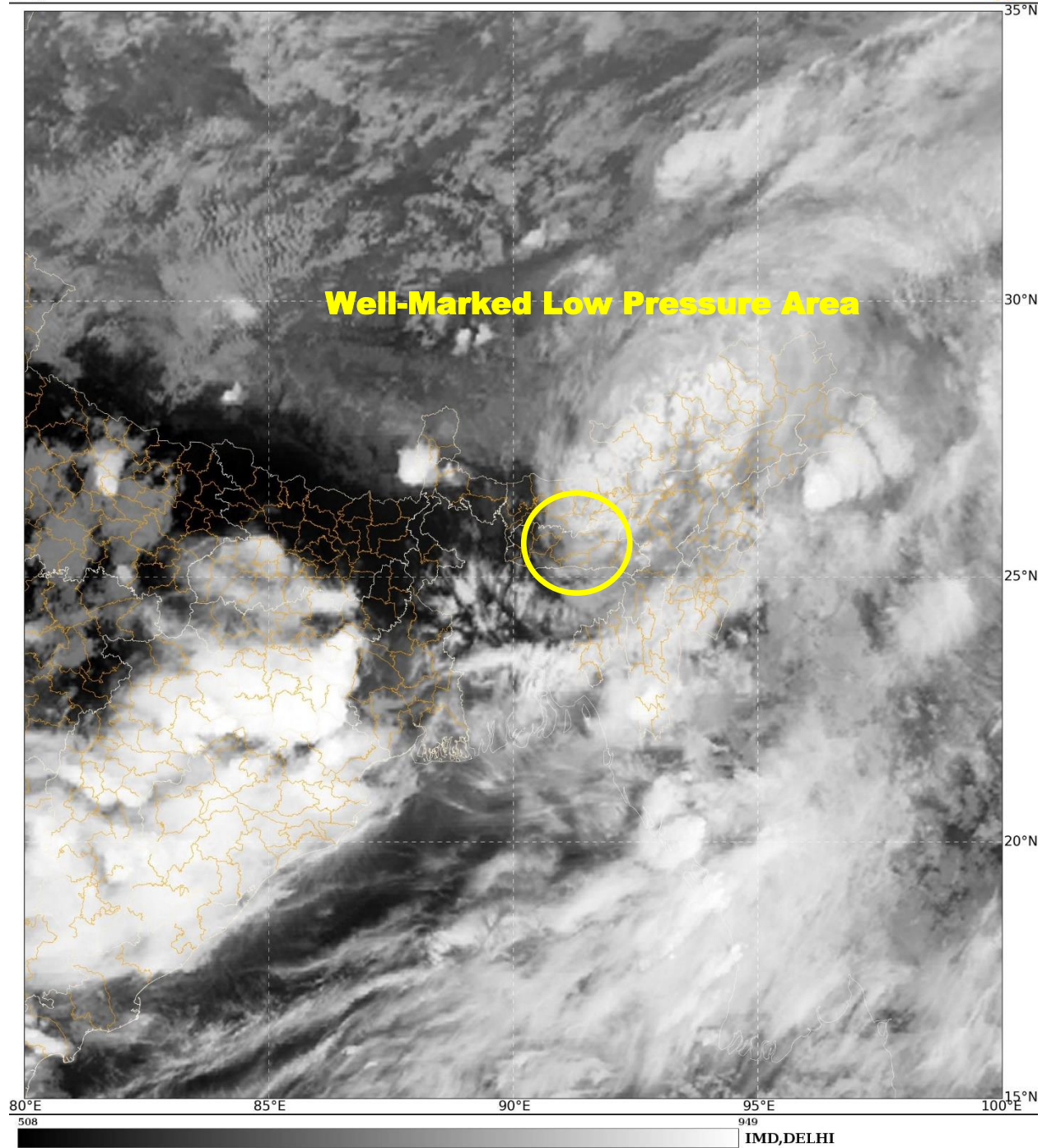
This is the last update in association with this system. However, regular weather bulletins will continue from National Weather Forecasting Centre and respective Regional Meteorological Centres and Meteorological Centres in association with the Well Marked Low Pressure Area over Meghalaya and neighbourhood.

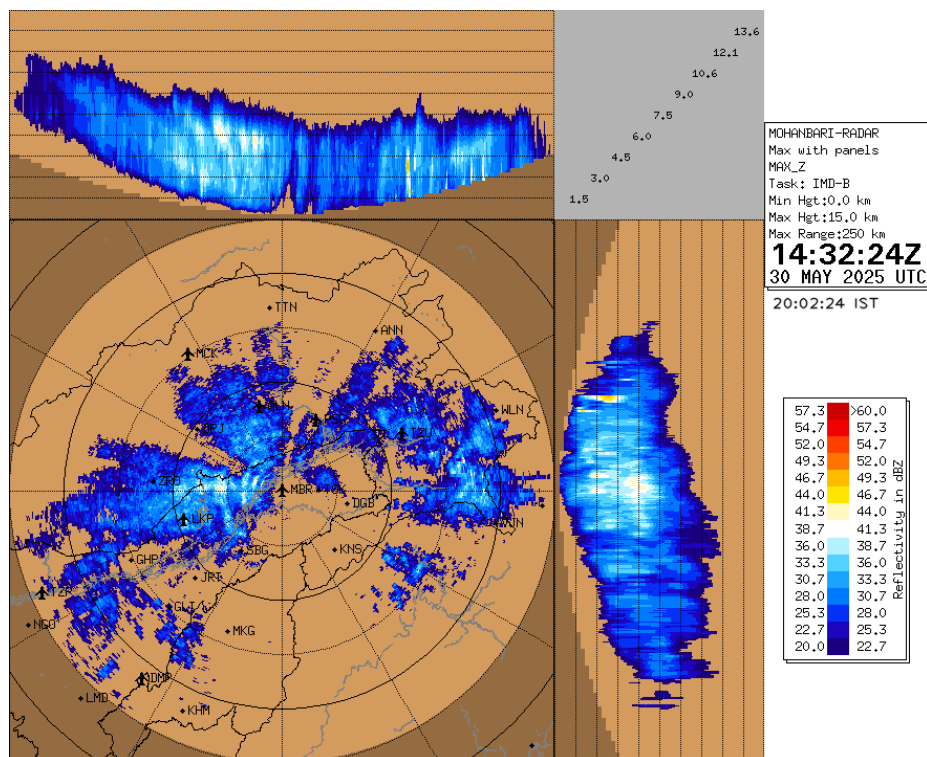
(Ananda Kumar Das)
Scientist-F, RSMC & IMD, New Delhi

Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/CWC Vishakhapatnam/Meteorological Centres-Port Blair/ Itanagar/ Kohima/ Agartala/ Gangtok/ Imphal/ Aizwal/ Shillong/ Gangtok/ Regional Meteorological Centre Guwahati

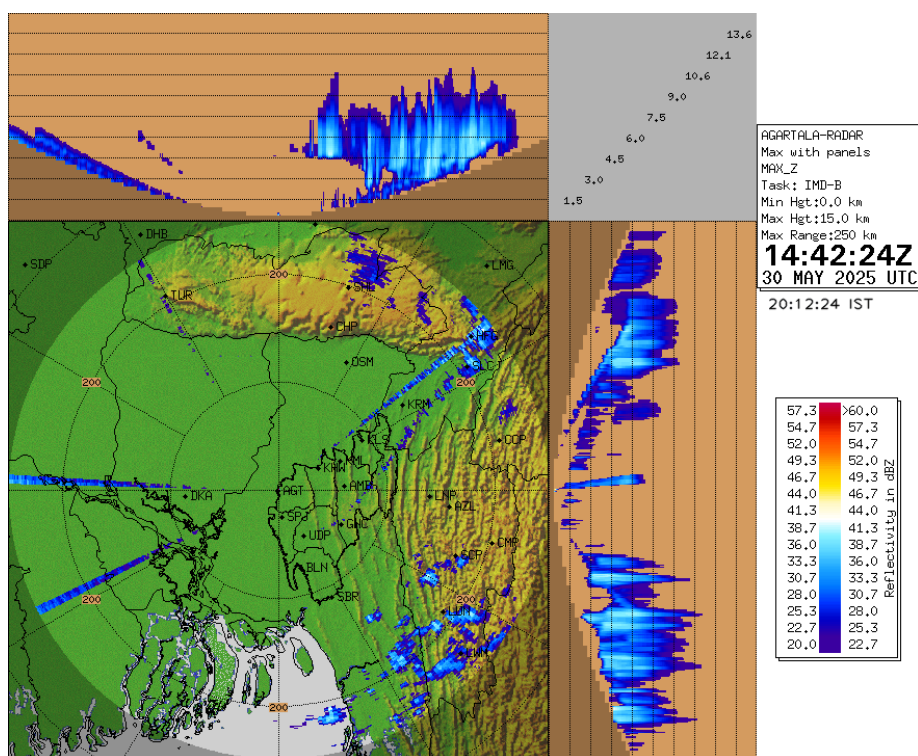
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30-05-2025/(1345 to 1412) GMT
30-05-2025/(1915 to 1942) IST





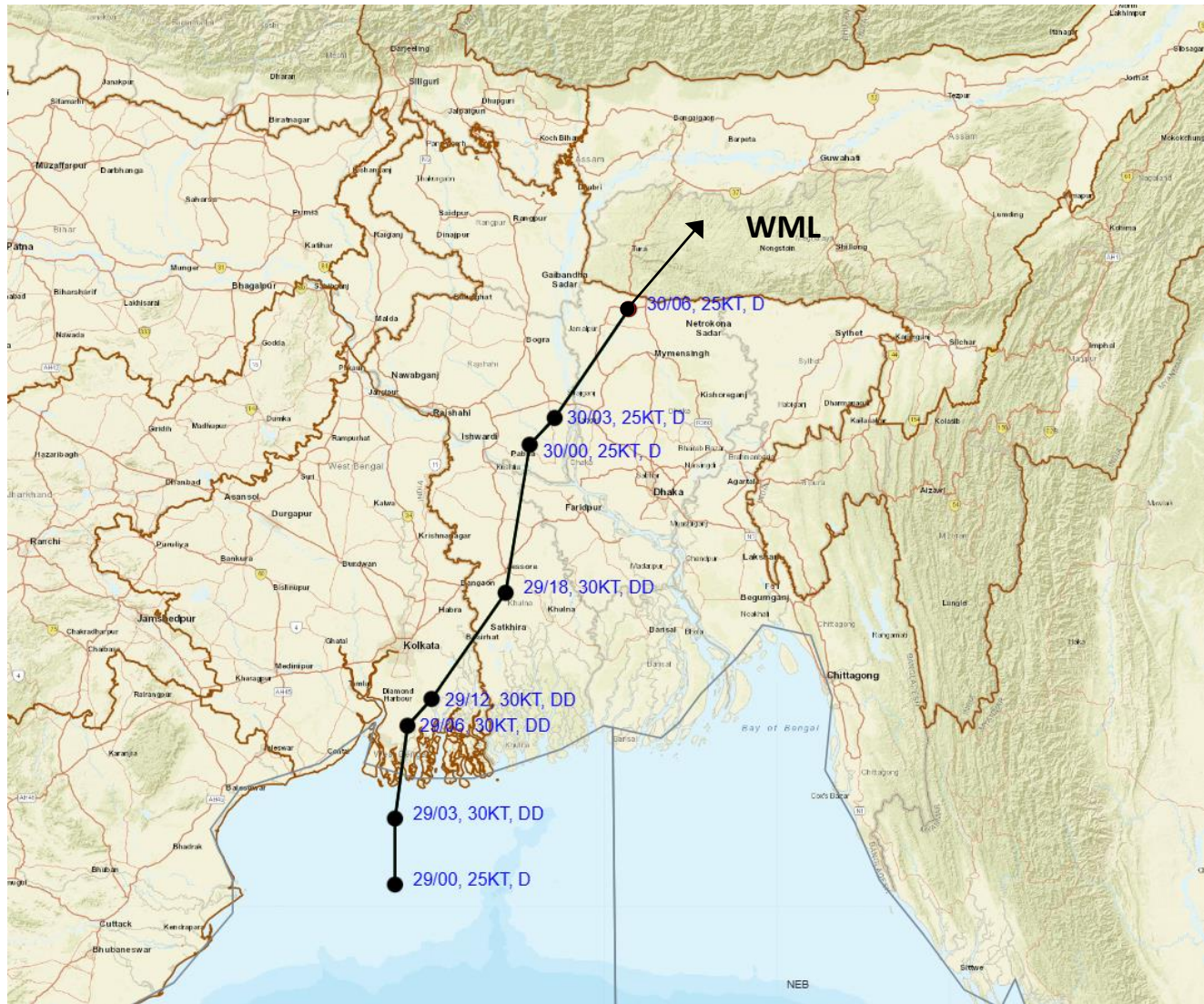
Maximum Reflectivity (dBZ) Observation by Doppler Weather Radar (DWR) at Mohanbari



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



OBSERVED TRACK OF DEEP DEPRESSION OVER NORTHWEST BAY OF BENGAL OFF WEST BENGAL – BANGLADESH COASTS DURING 29th - 30th MAY, 2025



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

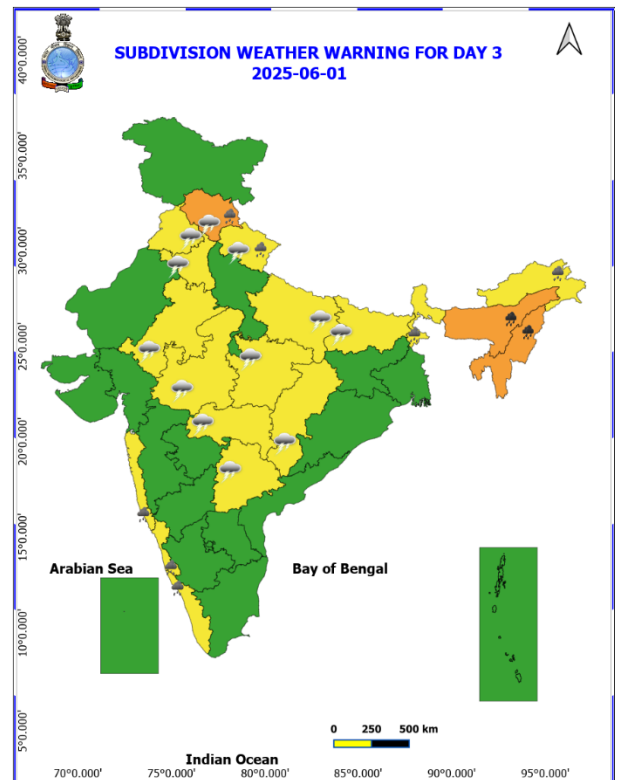
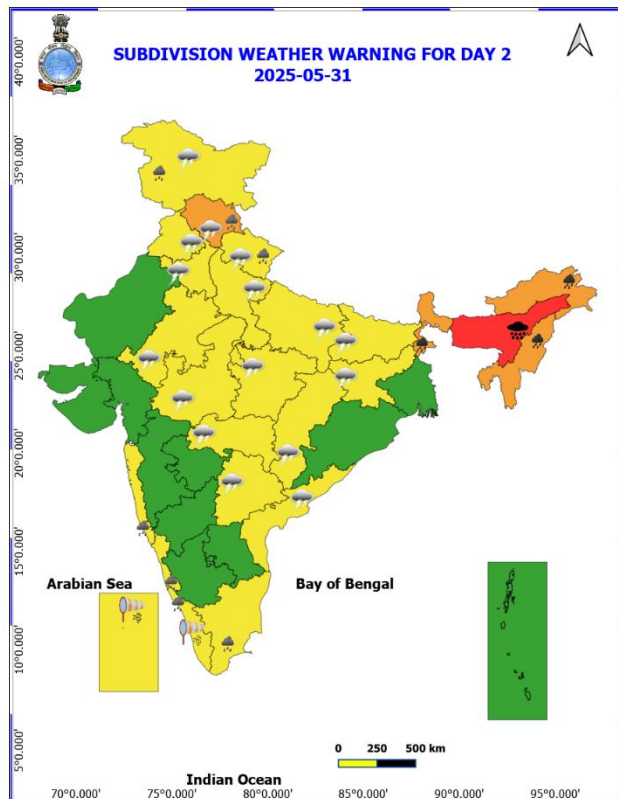
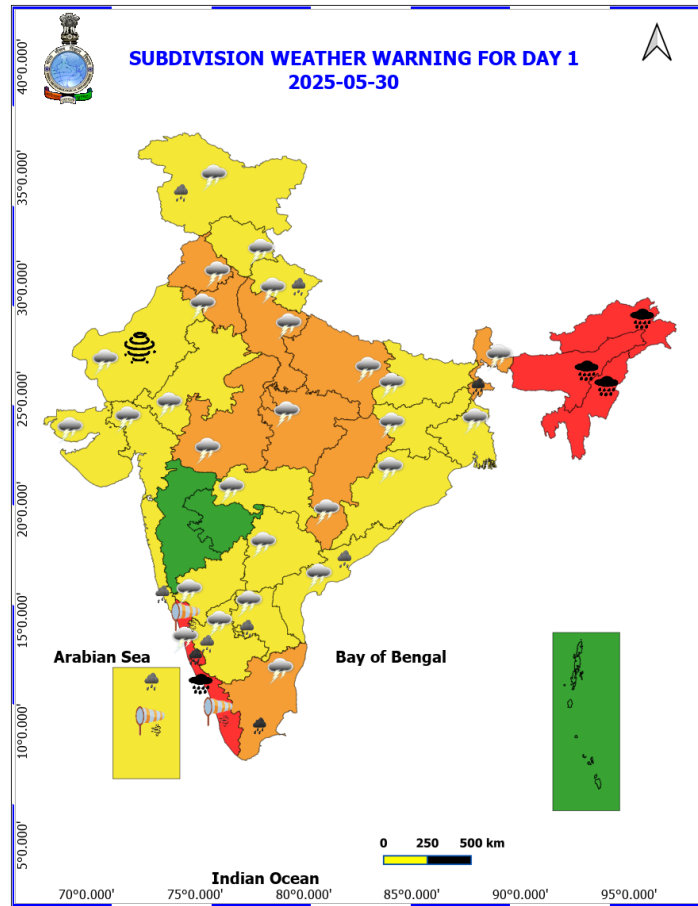
● 34-47 KT

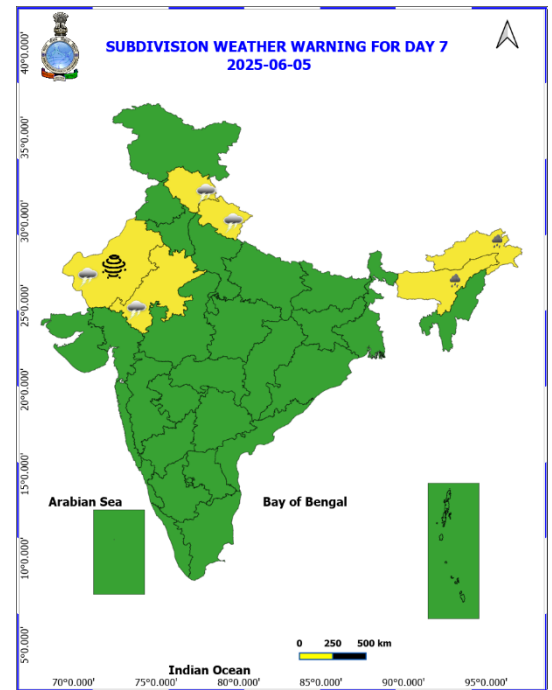
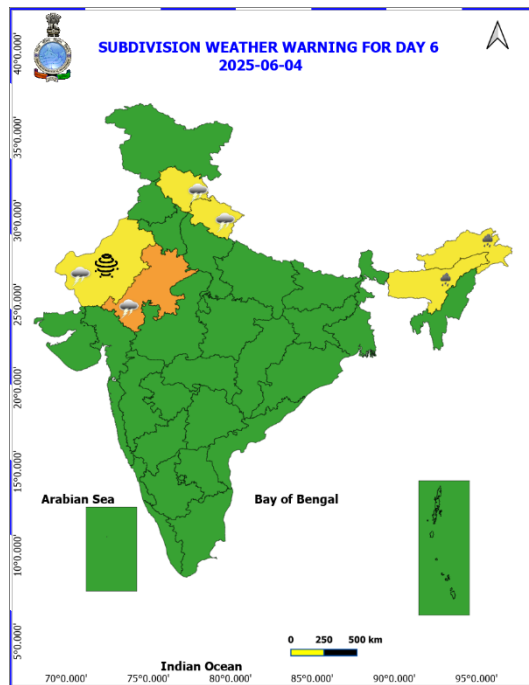
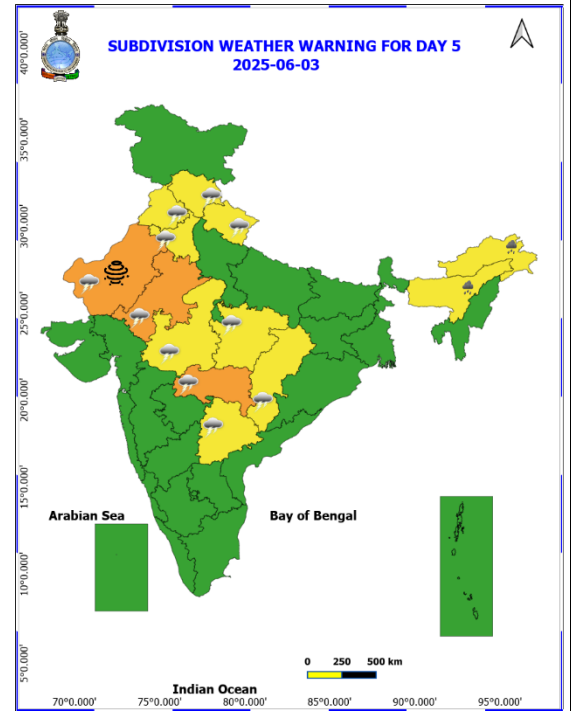
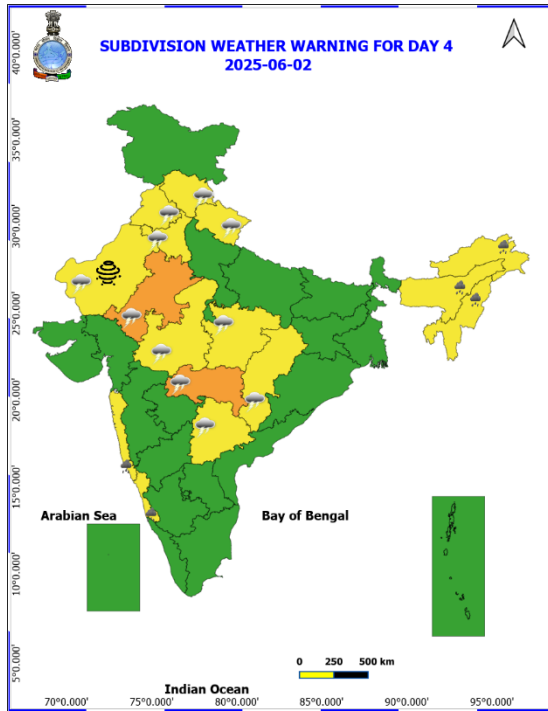
● ≥ 48 KT

— OBSERVED TRACK

— FORECAST TRACK

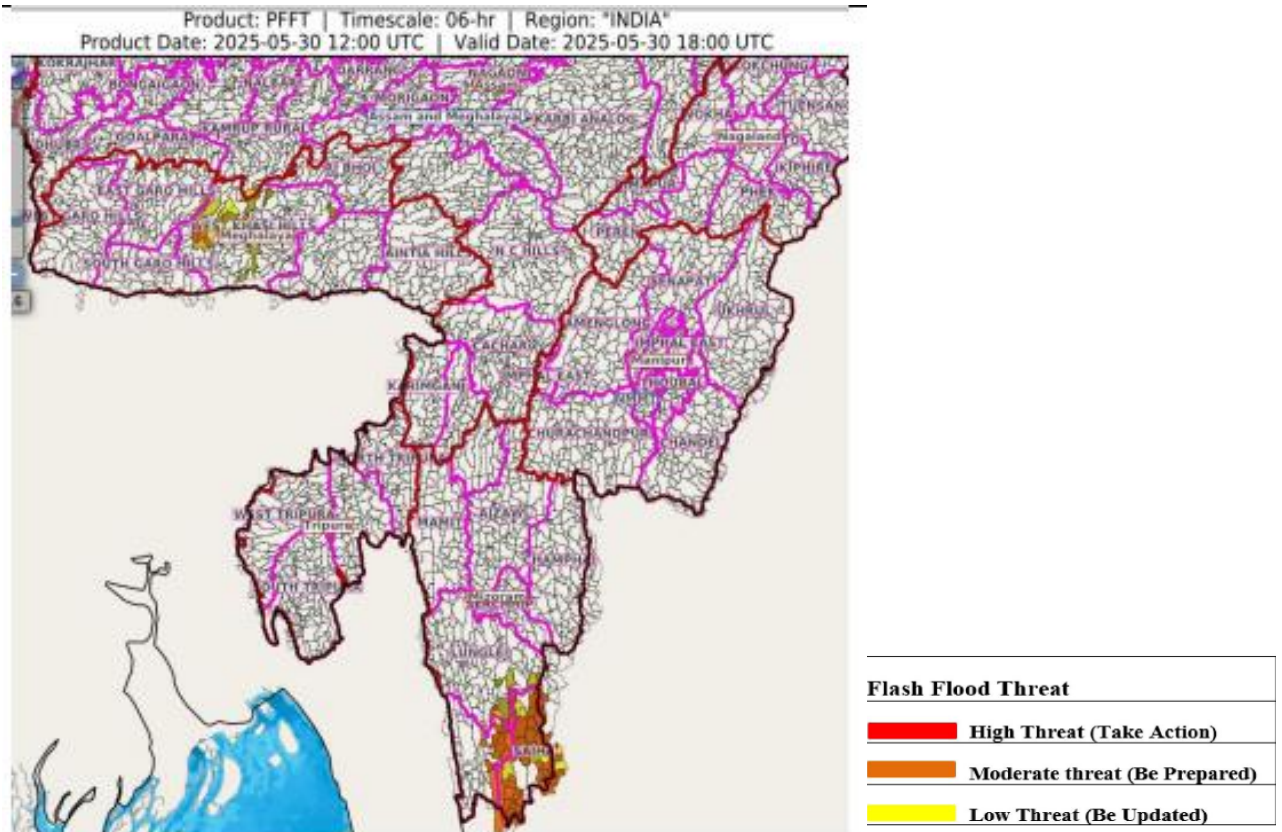
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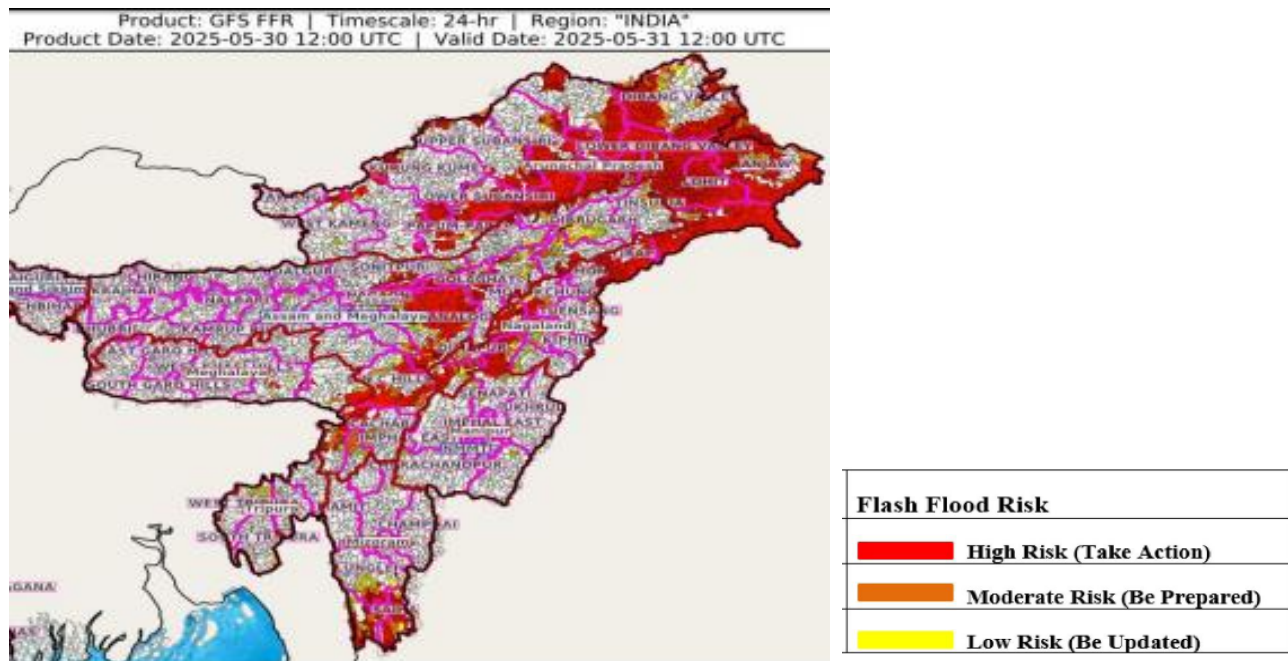


Persistent Flash Flood Threat (PFFT) till 2330 IST of 30-05-2025

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



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



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.

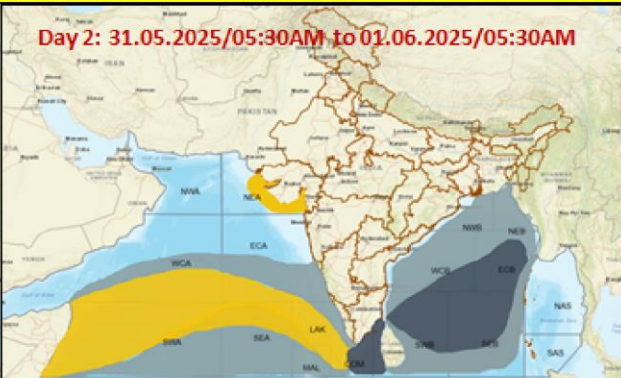
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.

Fishermen Warning Graphics

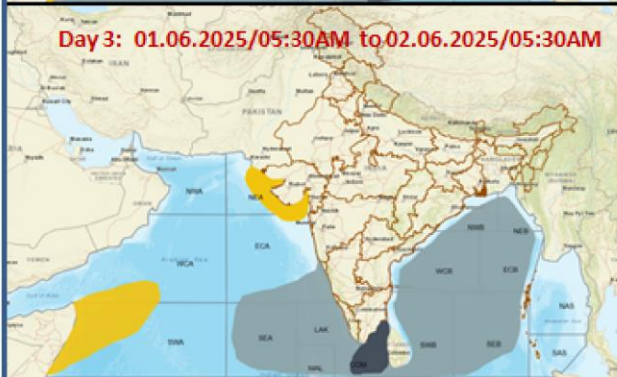
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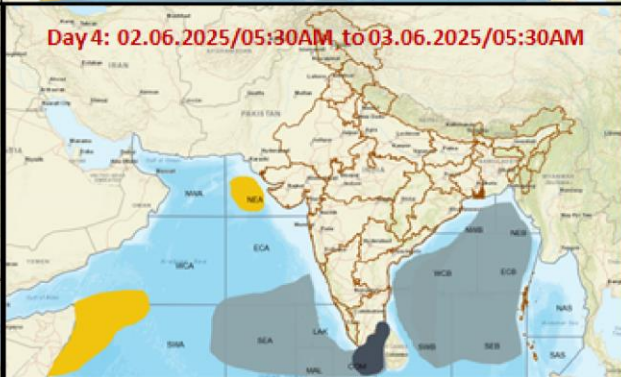
Day 2: 31.05.2025/05:30AM to 01.06.2025/05:30AM



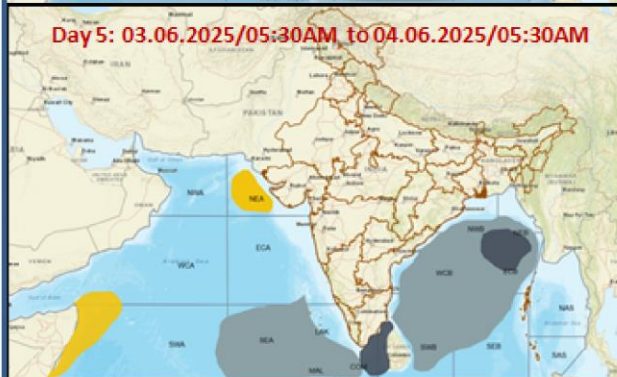
Day 3: 01.06.2025/05:30AM to 02.06.2025/05:30AM



Day 4: 02.06.2025/05:30AM to 03.06.2025/05:30AM



Day 5: 03.06.2025/05:30AM to 04.06.2025/05:30AM



Squally Weather with wind speed 35-50 kmph gusting to 60 kmph

Squally weather with wind speed 45-55 kmph gusting to 65 kmph

Squally wind with speed 45-55 kmph gusting to 65 kmph

Fishermen are advised not to venture into the marked areas.