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**Subject: Depression (Remnant of Cyclonic Storm Ditwah) over southwest Bay of Bengal and adjoining North Tamil Nadu & Puducherry coasts**

The **Depression (Remnant of Cyclonic Storm Ditwah)** over southwest Bay of Bengal and adjoining North Tamil Nadu & Puducherry coasts moved slowly south-southwestwards with the speed of 3 kmph during past 6 hours and lay centered at 2330 hrs IST of yesterday, the 02<sup>nd</sup> December 2025 over same area, near latitude 12.1°N and longitude 80.2°E, about 40 km east-northeast of Puducherry (India), 100 km south of Chennai (India), 60 km northeast of Cuddalore (India), 140 km north-northeast of Karaikal (India) and 260 km south of Nellore (India). The minimum distance of the Centre of the depression from north Tamil Nadu-Puducherry coasts is about 25 km.

It is very likely to move slowly southwestwards towards the north Tamil Nadu-Puducherry coasts and weaken into a Well-marked low-pressure area during next 06 hours.

The system is being monitored by the Doppler Weather Radars (DWR) at Chennai and Sriharikota.

## **Warnings:**

### **(i) Rainfall Warning:**

- ❖ **Tamil Nadu & Puducherry:** Light to moderate rainfall at most places with **heavy rainfall at isolated places** over North Coastal Tamil Nadu is likely on 03<sup>rd</sup> December, 2025.
- ❖ **South Coastal Andhra Pradesh & Rayalaseema:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 3<sup>rd</sup> December, 2025.
- ❖ **Kerala:** Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 3<sup>rd</sup> December, 2025.

### **(ii) Wind Warning:**

#### **(a) Southwest and adjoining westcentral Bay of Bengal and along & off north Tamil Nadu, Puducherry and South Andhra Pradesh Coasts**

Squally wind speed reaching 35-45 gusting to 55 kmph is prevailing and will gradually decrease becoming 30-40 gusting to 50 kmph by morning of 3<sup>rd</sup> December.

#### **(b) Along & off south Tamil Nadu coast**

Squally wind speed reaching 35-45 gusting to 55 kmph is prevailing and will gradually decrease becoming 30-40 gusting to 50 kmph by morning of 3<sup>rd</sup> December.

### **(iii) Sea Condition:**

#### **(a) Southwest and adjoining westcentral Bay of Bengal and along & off north Tamil Nadu, Puducherry and South Andhra Pradesh Coasts:**

Sea condition is very rough to rough. It will gradually improve becoming rough to moderate from 3<sup>rd</sup> December morning.

#### **(b) Along & off south Tamil Nadu coast**

Sea condition is very rough to rough. It will gradually improve becoming rough to moderate from 3<sup>rd</sup> December morning.

### **(iv) Fishermen Warning:**

- (a) Total suspension of fishing operations over southwest and adjoining westcentral Bay of Bengal and along & off Tamil Nadu-Puducherry and adjoining south Andhra Pradesh coasts till 3<sup>rd</sup> December noon.
- (b) Those out at sea should avoid southwest and adjoining westcentral Bay of Bengal and along & off Tamil Nadu – Puducherry and adjoining south Andhra Pradesh coasts till 3<sup>rd</sup> December noon.

#### **(v) Impact Expected and Action Suggested due to heavy rain and strong winds (coastal districts of north Tamil Nadu, Puducherry and south Andhra Pradesh) up to 3rd December noon.**

### **Impact Expected:**

- ❖ Breaking of tree branches, uprooting of small trees. Damage to orchards, horticulture & floriculture, standing crops including banana, papaya and drumstick trees due to inundation, winds and sea spray.
- ❖ Damage to Kutcha roads and culverts.
- ❖ Inundation/ water logging in low-lying areas in coastal districts due to heavy rainfall and flash flood. Flooding of escape routes and damage to salt pans.
- ❖ Riverine flooding in some river catchments. Please refer advisories by Central Water Commission in this regard.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Disruption of traffic due to water logging.
- ❖ Localized Landslides/Mudslides.

**Action suggested:**

- ❖ Total suspension of fishing operations.
- ❖ People in affected areas to remain indoors.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ Movement in motor boats unsafe.
- ❖ Judicious regulation of offshore/onshore operations
- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Surface transport and helicopter services to be regulated.

**Realized Rainfall (from 0830 hrs IST to 1730 hrs IST of yesterday, the 2<sup>nd</sup> December):**

Coastal Andhra Pradesh & Yanam and Rayalaseema reported light to moderate rainfall at many places with heavy rainfall spells at isolated places.

Tamil Nadu, Puducherry & Karaikal reported light to moderate rainfall at most places.

Details are given in **Annexure-1**

**Next bulletin will be issued at 0830 hours IST of today, the 3<sup>rd</sup> December, 2025.**

**(Suprit Kumar)**  
**Scientist-E, IMD, New Delhi**

*Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/CWC Vishakhapatnam/CWC  
Thiruvananthapuram/ Meteorological Centre Vijay Puram/ and Meteorological Centre Amaravati*

## **Annexure-1**

**Significant rainfall recorded (in cm) (from 0830 hours IST to 1730 hours IST of yesterday, the 2<sup>nd</sup> December, 2025:**

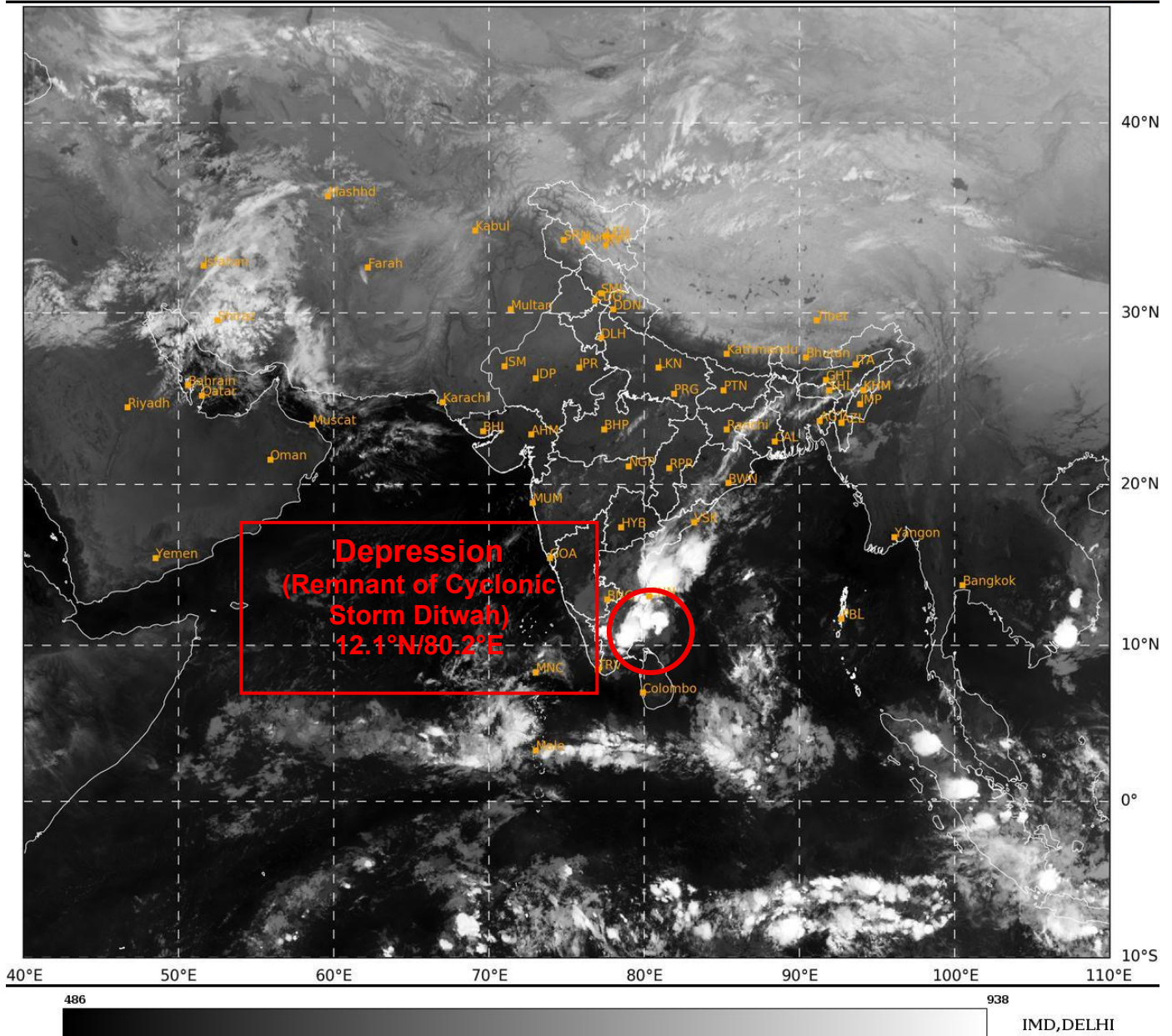
**Andhra Pradesh:** Tirupati, Mallam 9 each, Chittamur 7, Palasamudram 6, Tada 6, Kakarlamudi 5

**Tamil Nadu, Puducherry & Karaikal:** Nungambakkam and Ennore 2 each.

N.B.: Heavy rainfall (7-11 cm); Very Heavy rainfall (12-20 cm) and Extremely Heavy rainfall (>20 cm)

SAT : INSAT-3DR IMG  
IMG\_TIR1 10.8 um  
L1C Mercator

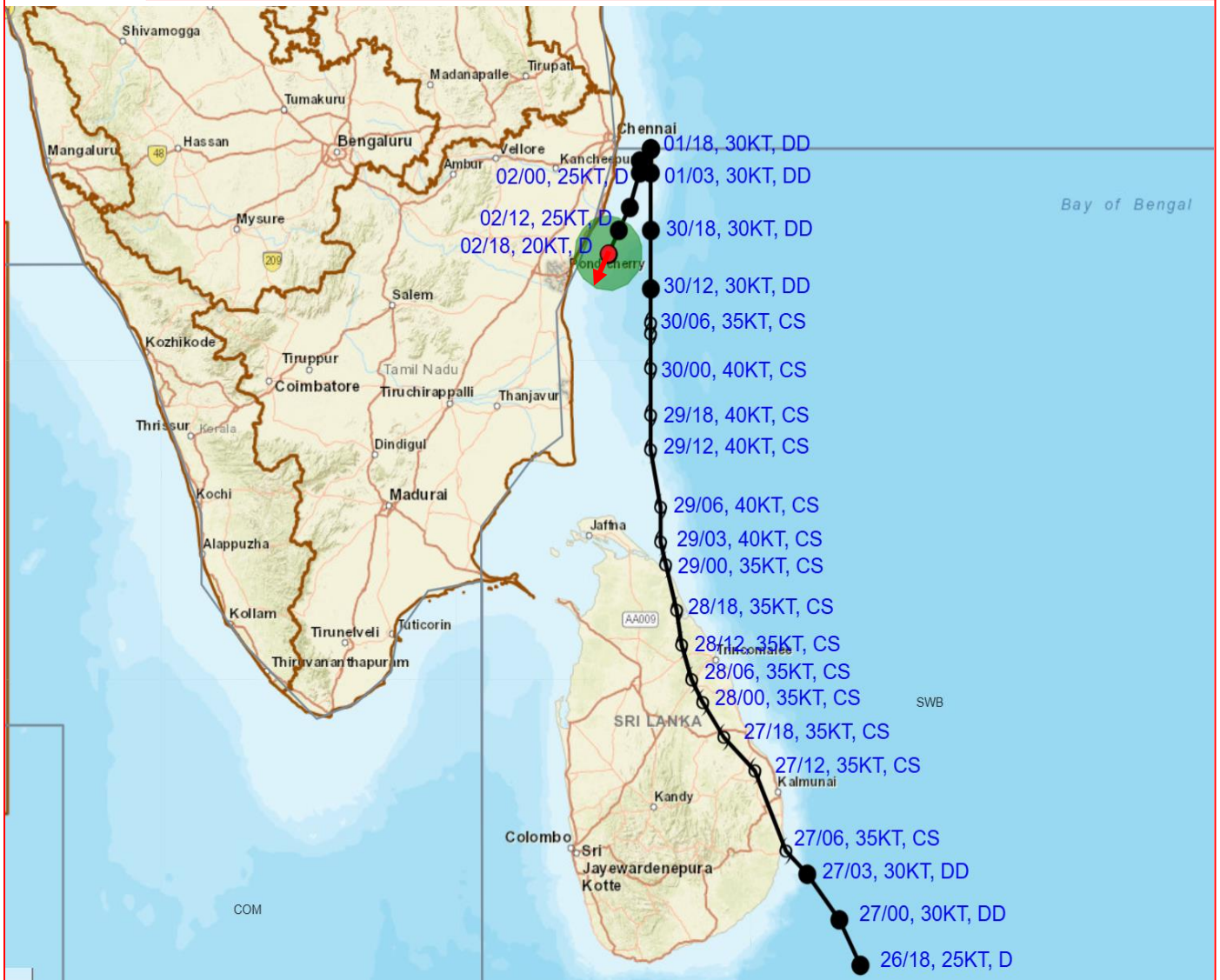
02-12-2025/(1845 to 1912) GMT  
03-12-2025/(0015 to 0042) IST







**OBSERVED AND FORECAST TRACK OF DEPRESSION (REMNANT OF CYCLONIC STORM "DITWAH") OVER SOUTHWEST BAY OF BENGAL AND ADJOINING TAMILNADU & PUDUCHERRY COASTS BASED ON 1800 UTC (2330 Hrs. IST) OF 2<sup>ND</sup> DECEMBER 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 ( $\geq 120$  KT)

● LESS THAN 34 KT

○ 34-47 KT

○  $\geq 48$  KT

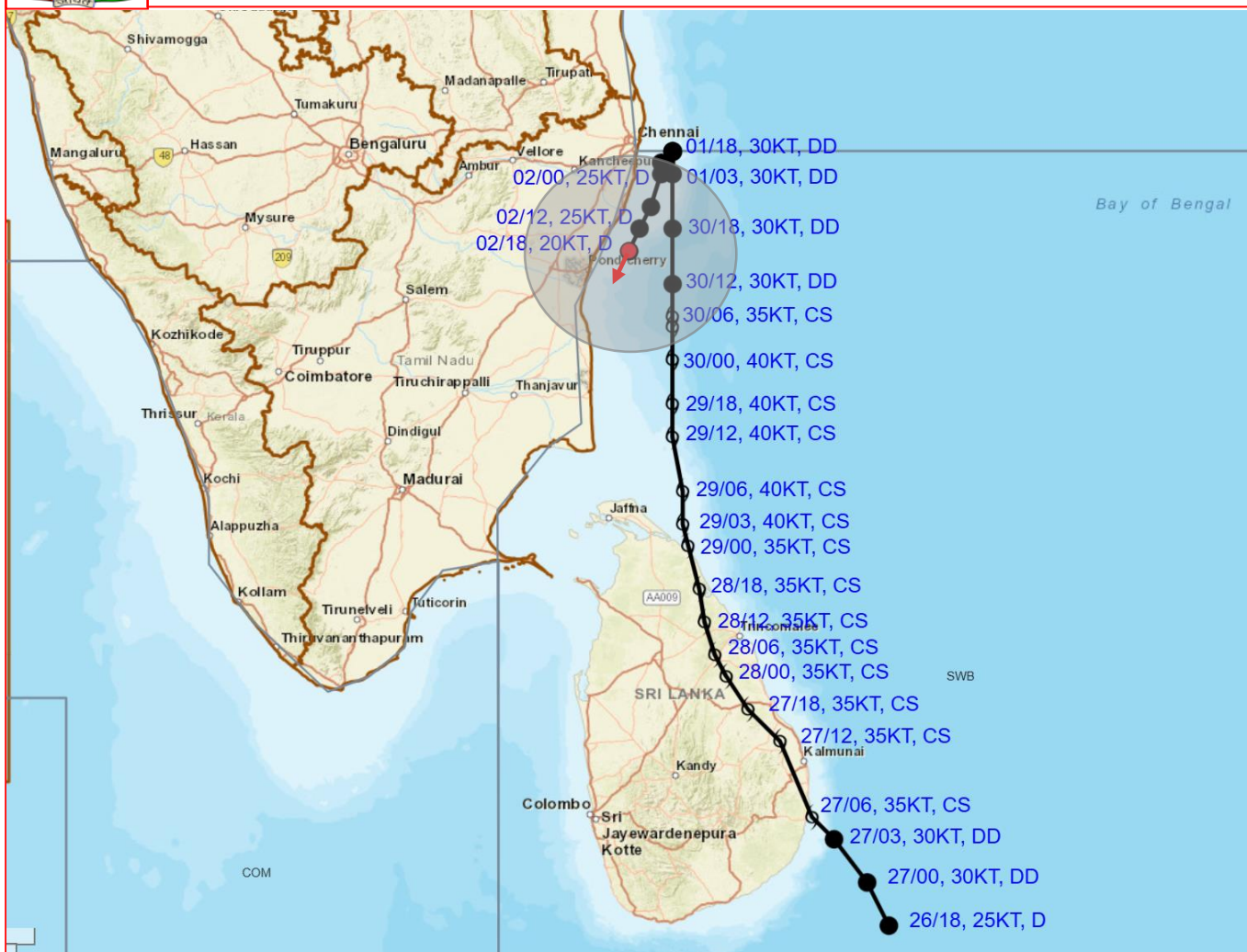
— OBSERVED TRACK

— FORECAST TRACK

▲ CONE OF UNCERTAINTY



**OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEPRESSION (REMNANT OF CYCLONIC STORM “DITWAH”) OVER SOUTHWEST BAY OF BENGAL AND ADJOINING TAMILNADU & PUDUCHERRY COASTS BASED ON 1800 UTC (2330 Hrs. IST) OF 2<sup>ND</sup> DECEMBER**



DATE/TIME IN UTC

IST=UTC + 0530

L: LOW PRESSURE AREA

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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

AREA OF MAXIMUM SUSTAINED WIND SPEED:

— 25 KT (45-55 KMPH)

— 34-49 KT (62-91 KMPH)

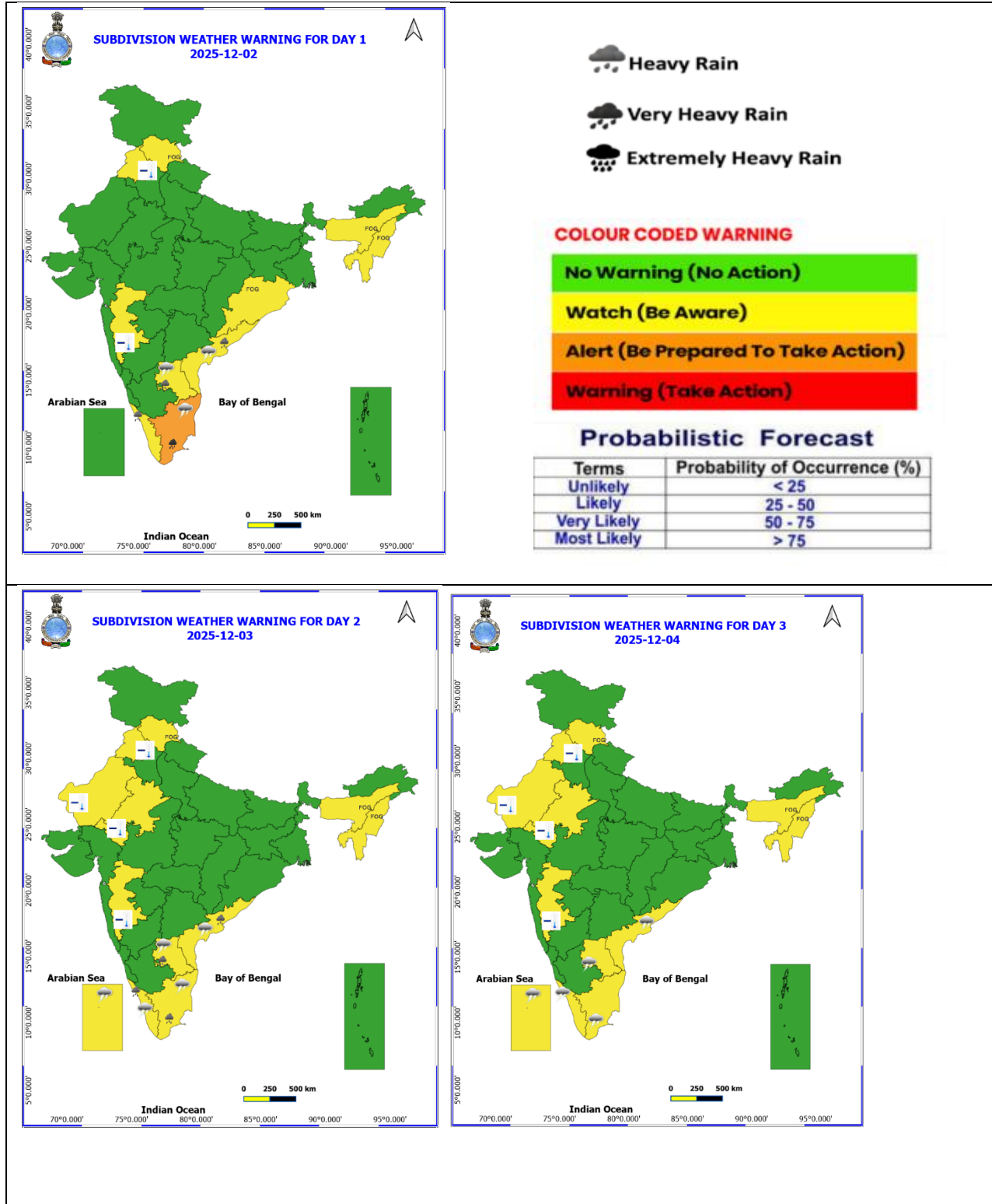
— 50-63 KT (92-117 KMPH)

— ≥ 64 KT (≥118 KMPH)

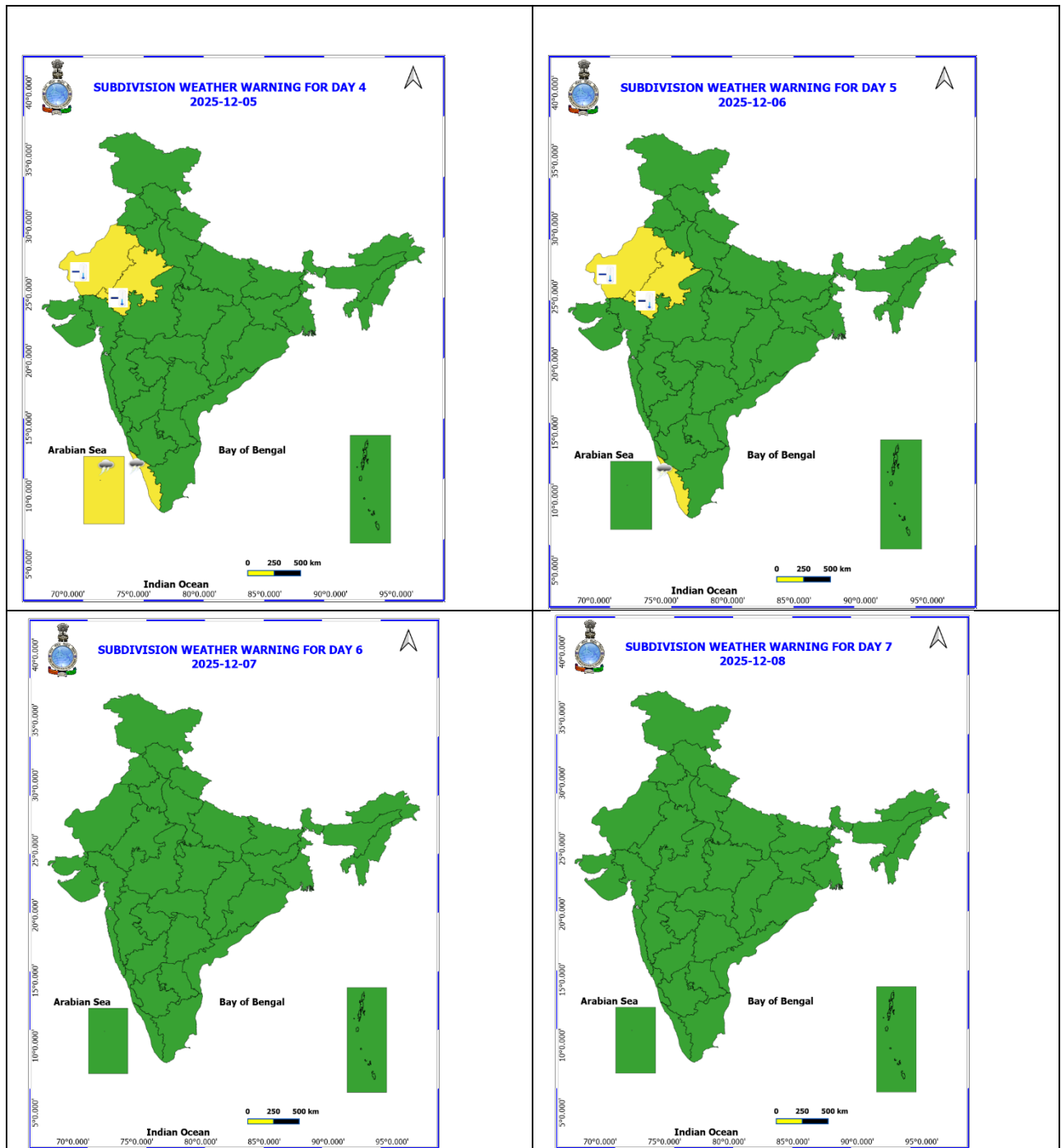
**IMPACT OVER THE SEA**

| MSW (knot/kmph) | Impact                 | Action                                 |
|-----------------|------------------------|----------------------------------------|
| 28-33 (52-61)   | Very rough seas        | Total suspension of fishing operations |
| 34-49 (62-91)   | High to very high seas | Total suspension of fishing operations |
| 50-63 (92-117)  | Very high seas         | Total suspension of fishing operations |
| ≥ 64 (≥118)     | Phenomenal             | Total suspension of fishing operations |

## WEATHER WARNING GRAPHICS

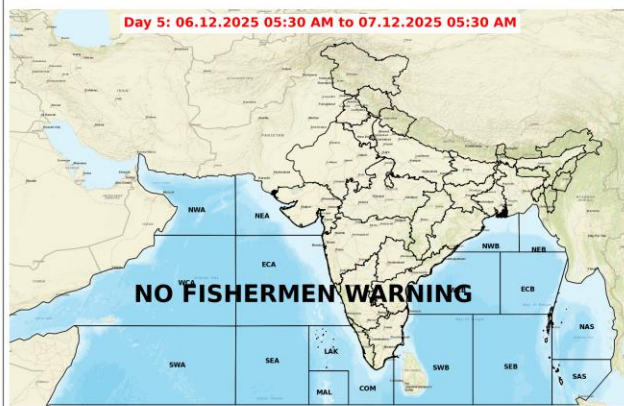
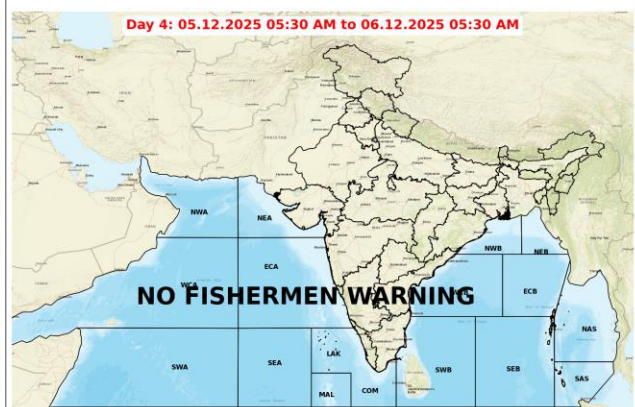
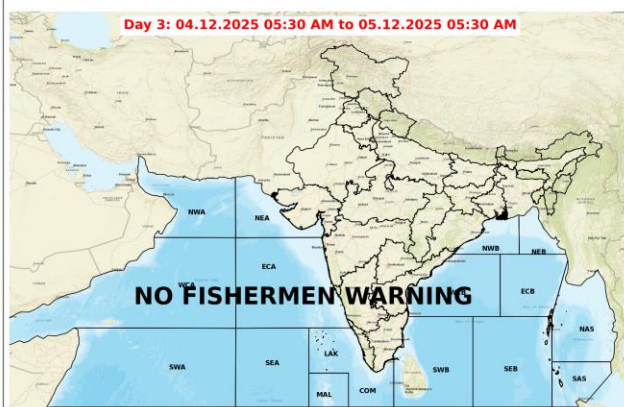
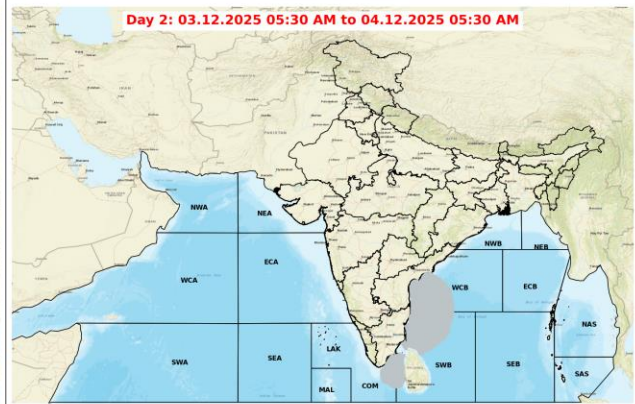
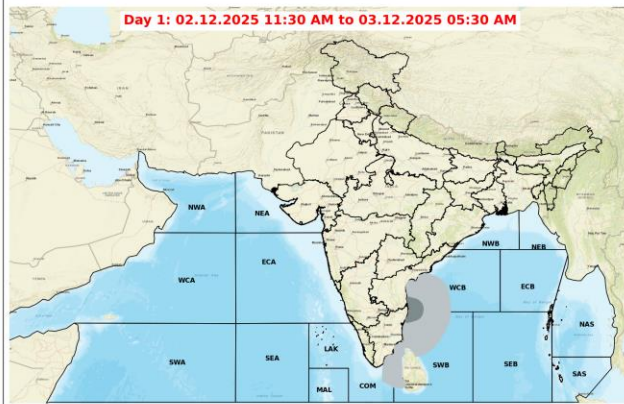






- Action may be taken based on **ORANGE** AND **RED** COLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

## Fishermen Warning Graphics



### Legend

|                                                               |                                                             |
|---------------------------------------------------------------|-------------------------------------------------------------|
| Squally Weather with wind speed 35-45 kmph gusting to 55 kmph | Squally wind with speed 55-65 kmph gusting to 75 kmph       |
| Squally Weather with wind speed 40-50 kmph gusting to 60 kmph | CS with Gale winds with speed 60-80 kmph gusting to 90 kmph |
| Squally Weather with wind speed 45-55 kmph gusting to 65 kmph | SCS with Gale wind speed 90-110 kmph gusting to 120 kmph    |
| Squally wind with speed 45-55 kmph gusting to 65 kmph         | VSCS with Gale wind speed 120-165 kmph gusting to 185 kmph  |
| Squally wind with speed 50-60 kmph gusting to 70 kmph         | ESCS with Gale wind speed 165-220 kmph gusting to 245 kmph  |

Fishermen are advised not to venture into the marked areas.