



**India Meteorological Department
(Ministry of Earth Sciences)**

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Subject: Depression over southeast Bay of Bengal and adjoining East Equatorial Indian Ocean

The depression over southeast **Bay of Bengal and adjoining East Equatorial Indian Ocean** moved nearly west-northwestwards with a speed of 23 kmph during past 3 hours and lay centred at 1130 hours IST of today, the 7th January, 2026 over the same region, near latitude 4.9°N and longitude 87.6°E, about 680 km east-southeast of Pottuvil (Sri Lanka), 720 km east-southeast of Batticaloa (Sri Lanka), 810 km east-southeast of Trincomalee (Sri Lanka), 1090 km southeast of Karaikal (Puducherry) and 1220 km south-southeast of Chennai (Tamil Nadu).

It is likely to intensify further into a deep depression during next 24 hours. It is very likely to move west-northwestwards initially towards southwest Bay of Bengal during next 48 hours.

Rainfall Warning:

❖ **Tamil Nadu, Puducherry and Karaikal:** Light to moderate rainfall at many places with heavy rainfall at isolated places is very likely on 8th January, 2026. The activity would gradually increase becoming light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places on 9th and 10th January, 2026. It would decrease thereafter becoming light to moderate rainfall at many places with heavy rainfall at isolated places on 11th January, 2026.

❖ **Kerala and Mahe:** Light to moderate rainfall at many places with **heavy rainfall** at isolated places is very likely on 10th January.

(ii) Wind Warning:

(a) Southeast Bay of Bengal and adjoining East Equatorial Indian Ocean:

Squally weather with wind speed reaching 40-50 gusting to 60 kmph is very likely to prevail on 7th & 8th January, 2026 and gradually decrease thereafter.

(b) Southwest Bay of Bengal and adjoining East Equatorial Indian Ocean:

Squally weather with wind speed reaching 40 - 50 gusting to 60 kmph is very likely to prevail till morning of 8th January. Thereafter, the winds would gradually increase and squally winds with speed reaching 50-60 gusting to 70 kmph are likely to prevail during 8th morning to 9th morning. It would gradually decrease then, becoming 40-50 gusting to 60 kmph by 9th evening.

(c) Along & off Sri Lanka coast, Gulf of Mannar and adjoining Comorin Area:

Squally weather with wind speed reaching 35-45 gusting to 55 kmph is very likely to prevail on 7th January. It would gradually increase and squally winds speed reaching 40-50 gusting to 60 kmph are likely to prevail from 8th morning to 9th evening and gradually decrease thereafter.

(d) Along & off Tamil Nadu - Puducherry coasts

Squally weather with wind speed reaching 35-45 gusting to 55 kmph is very likely to prevail along and off South Tamil Nadu coast on 8th January and 40 – 50 gusting to 60 kmph on 9th January. It would gradually decrease from 10th January.

Squally weather with wind speed reaching 35-45 gusting to 55 kmph is very likely to prevail along and off North Tamil Nadu & Puducherry coasts on 9th & 10th January and decrease thereafter.

(iii) Sea Condition:

Sea condition is very likely to be rough to very rough over most parts of southeast Bay of Bengal & adjoining East Equatorial Indian Ocea on 7th & 8th January, southwest Bay of Bengal during 7th to 10th January, along & off Sri Lanka coast, Gulf of Mannar and adjoining Comorin during 8th to 10th January, along & off Tamil Nadu-Puducherry coasts during 8th and 10th January and improve gradually thereafter.

(iv) Fishermen Warning:

Fishermen are advised not to venture into southeast Bay of Bengal & adjoining East Equatorial Indian Ocea on 7th & 8th January; southwest Bay of Bengal during 7th to 10th January; along & off Sri Lanka coast, Gulf of Mannar and adjoining Comorin, South Tamil Nadu coast during 8th to 10th January; along & off North Tamil Nadu-Puducherry coast during 9th and 10th January.

(v) Impact Expected over coastal Tamil Nadu-Puducherry and Karaikal due to heavy rainfall

- ❖ Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Disruption of traffic in city areas and roadways due to water logging in roads and poor visibility due to heavy rain leading to increased travel time and incidents
- ❖ Likely disruption of marine and inland water transportation like small boats and trawlers.

- ❖ Damage to horticulture and standing crops in some areas due to inundation and wind.

(vi) Action Suggested for coastal Tamil Nadu-Puducherry and Karaikal

- Judicious regulation of onshore/offshore, Port and maritime activities
- Judicious regulation of tourism activities in coastal areas.
- Judicious regulation of surface transports including railways and roadways.
- Avoid going to areas that face the water logging problems often.

Next bulletin will be issued at 2030 hours IST of today, the 7th January, 2026.

(Monica Sharma)
Scientist-E, RSMC & IMD, New Delhi

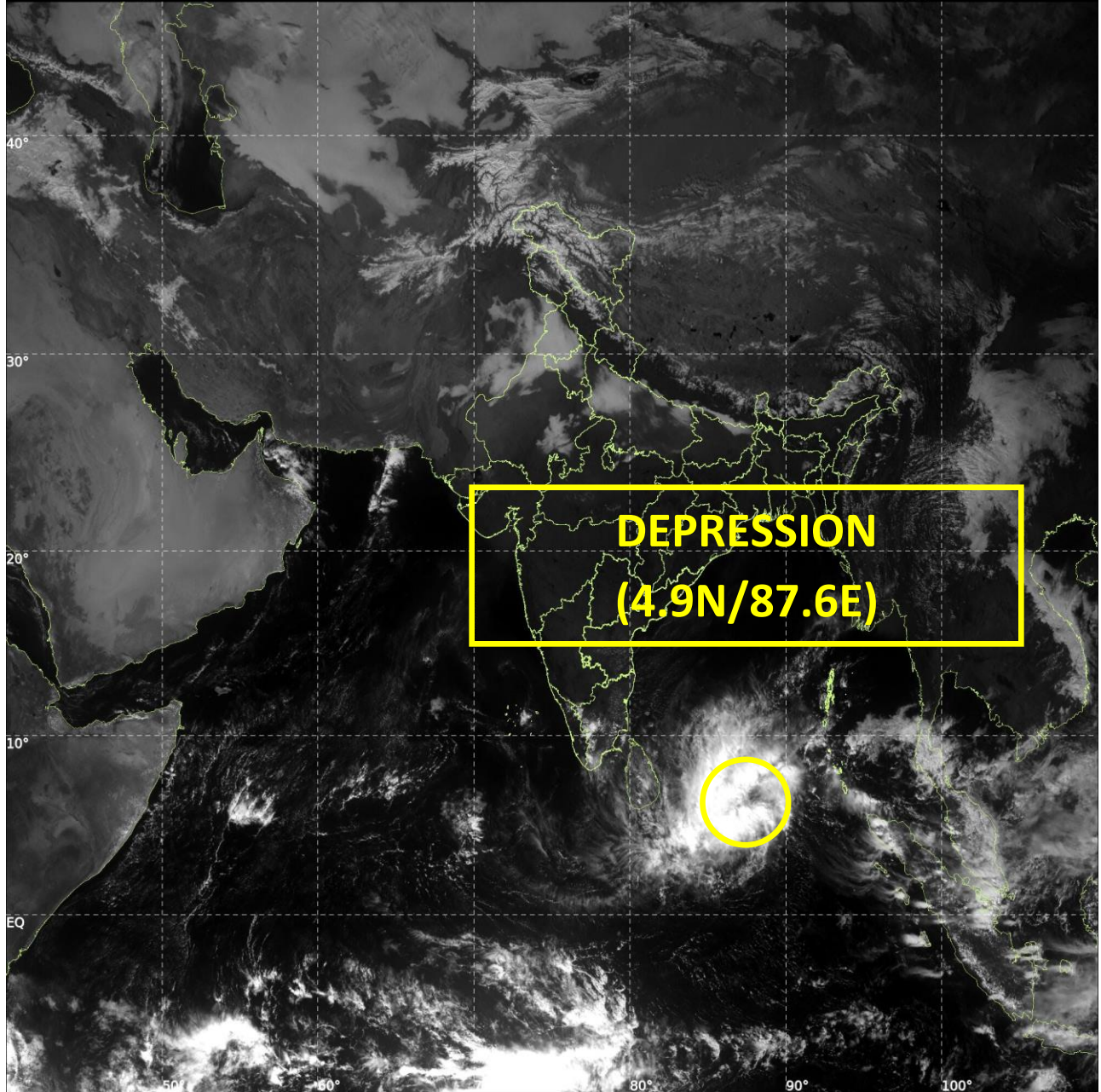
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Meteorological Centre Vijaya Puram/ and Meteorological Centre Amaravati/*



INSAT-3DS IMG, Visible Count @ 0.65 μm
GMT:07-01-2026/(0800-0827) IST:07-01-2026/(1330-1357)
L1C MERCATOR (LINEAR STRETCH: 0.5%)

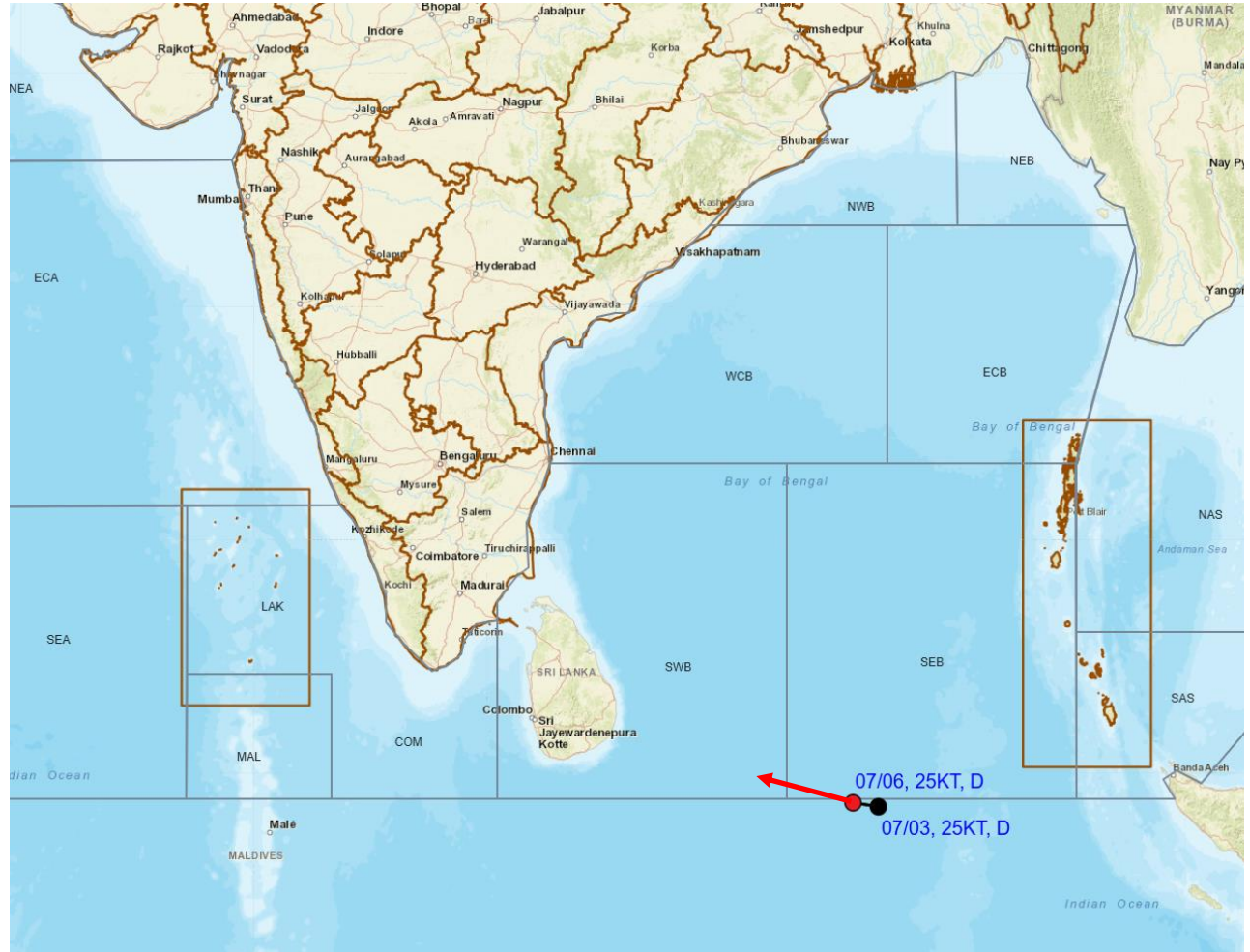
67

389





OBSERVED AND FORECAST TRACK OF DEPRESSION OVER SOUTHEAST BAY OF BENGAL AND ADJOINING EAST EQUATORIAL INDIAN OCEAN BASED ON 0600 UTC (1130 Hrs. IST) OF 7TH JANUARY 2025



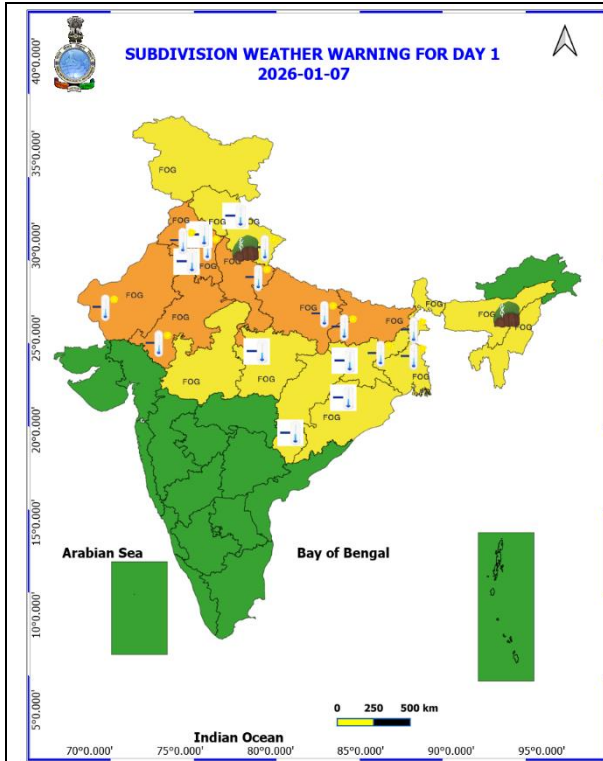
DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
 D: DEPRESSION (17-27 KT)
 DD: DEEP DEPRESSION (28-33 KT)
 CS: CYCLONIC STORM (34-47 KT)
 SCS: SEVERE CYCLONIC STORM (48-63KT)
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
 SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

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

Forecast distance (km) and direction of the centre from nearest 5 coastal stations

| Forecast Date and Time | Lead Period (hrs) | Lat | Lon | Station 1 | Station 2 | Station 3 | Station 4 | Station 5 |
|------------------------|-------------------|-----|------|--------------------|----------------------|-----------------------|--------------------|--------------------|
| 07.01.26 | 0 | 4.9 | 87.6 | POTTUVIL (680,ESE) | BATTICALOA (720,ESE) | TRINCOMALEE (810,ESE) | KARAIKAL (1090,SE) | CHENNAI (1220,SSE) |

WEATHER WARNING GRAPHICS



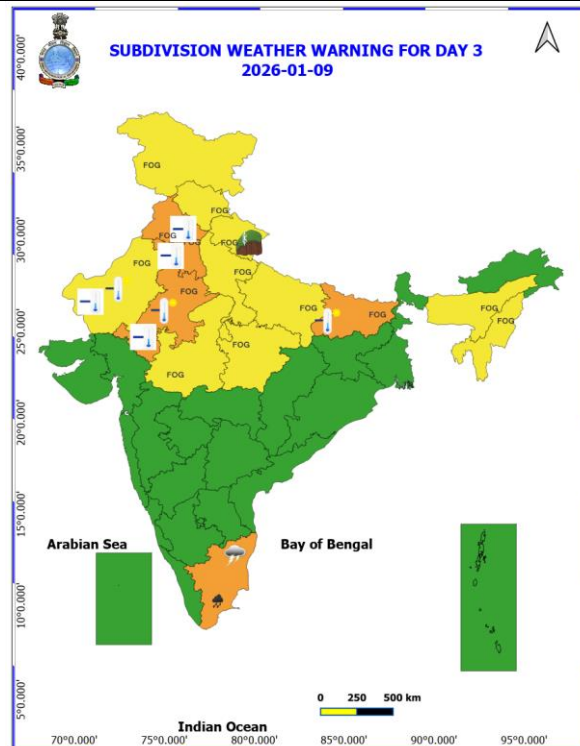
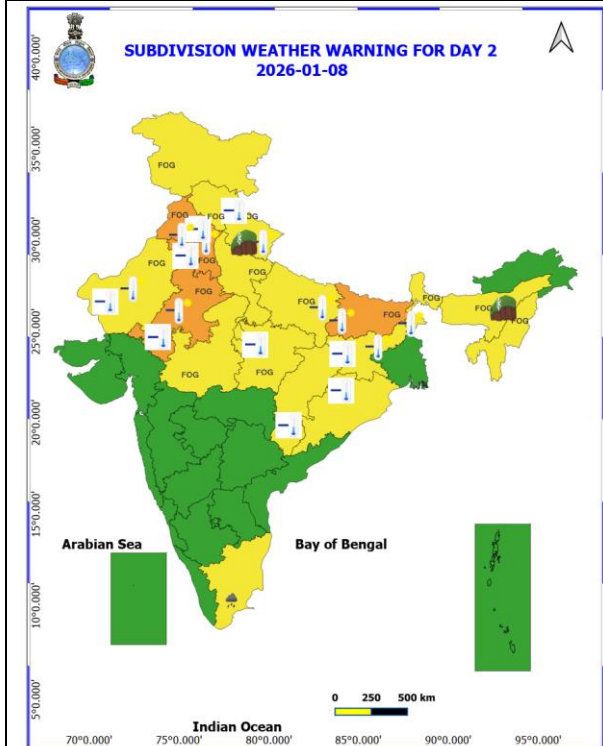
- Heavy Rain
- Very Heavy Rain
- Extremely Heavy Rain

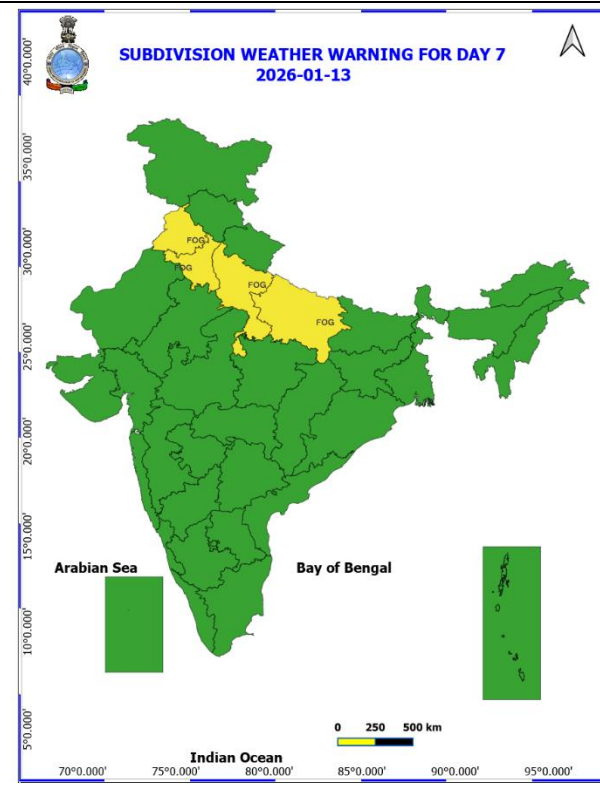
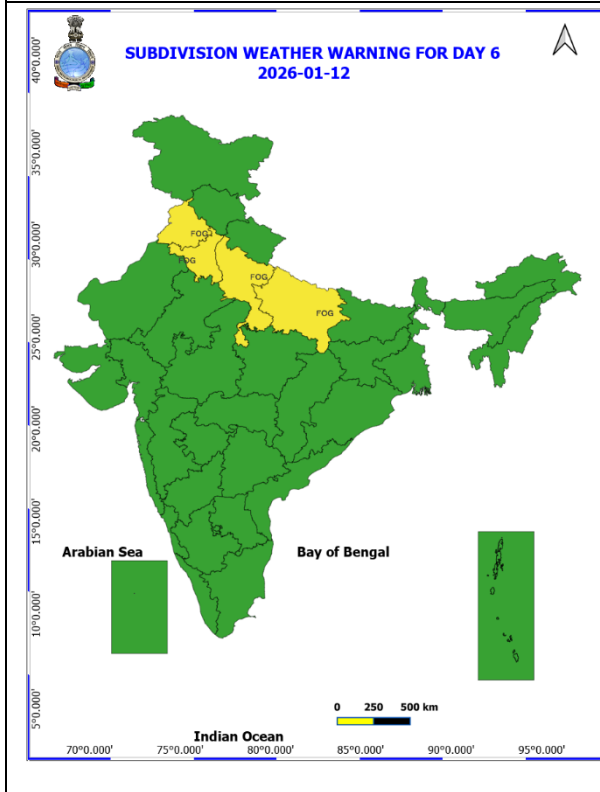
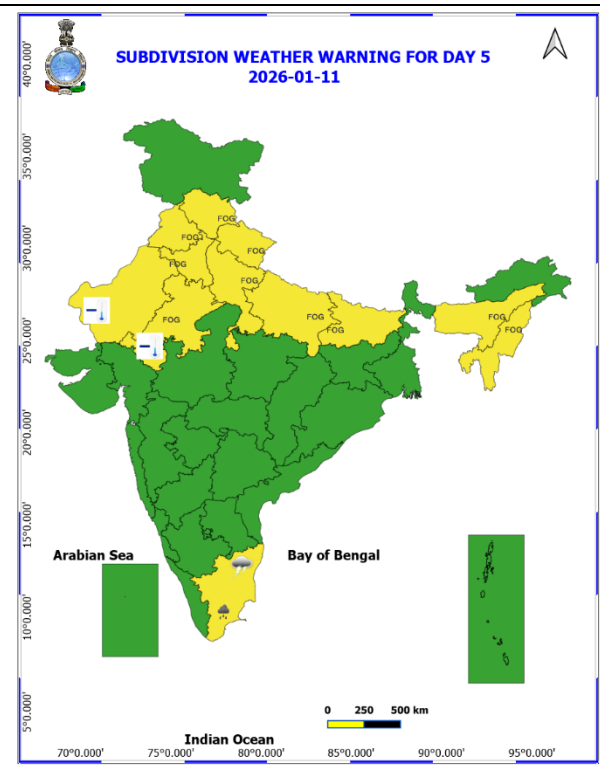
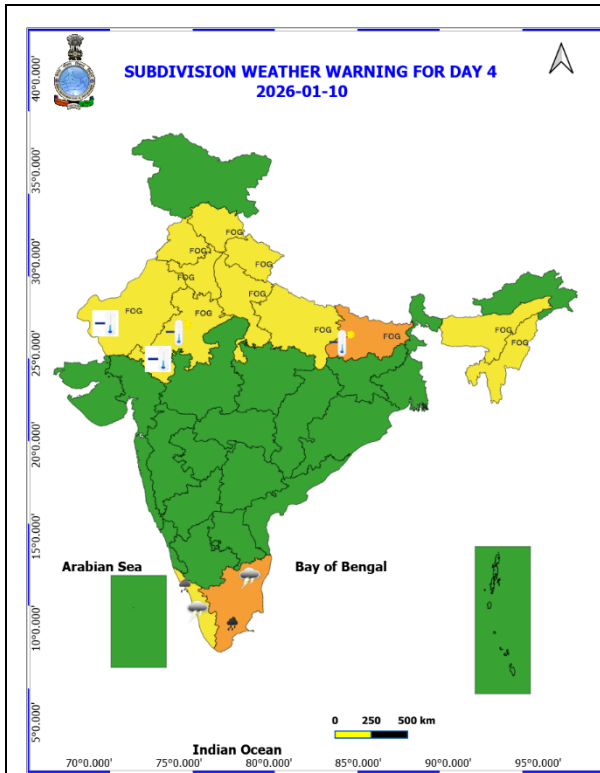
COLOUR CODED WARNING

- No Warning (No Action)
- Watch (Be Aware)
- Alert (Be Prepared To Take Action)
- Warning (Take Action)

Probabilistic Forecast

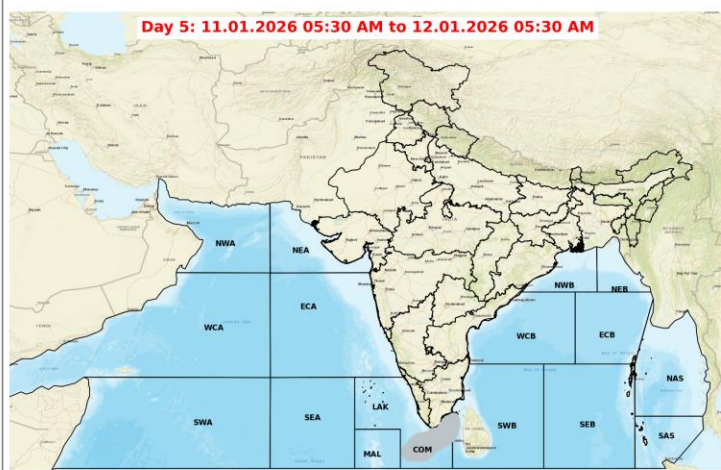
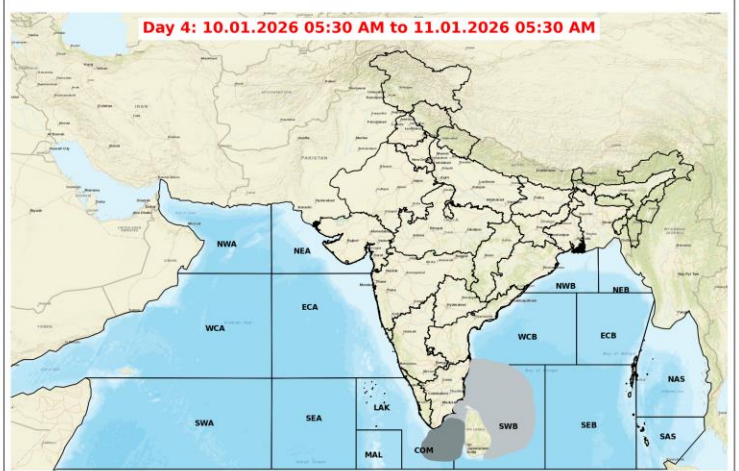
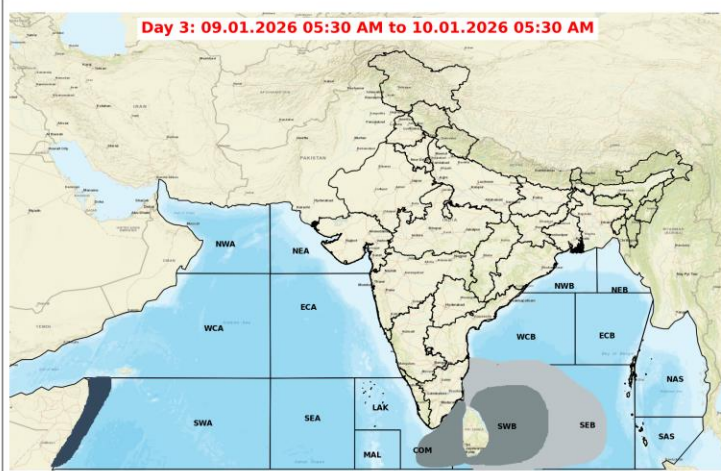
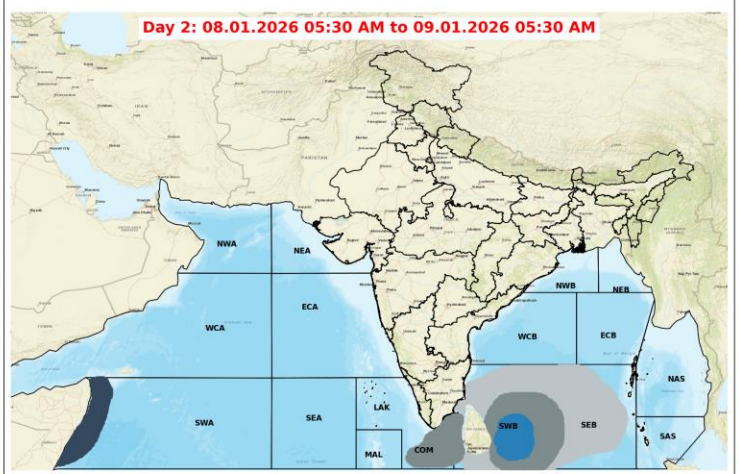
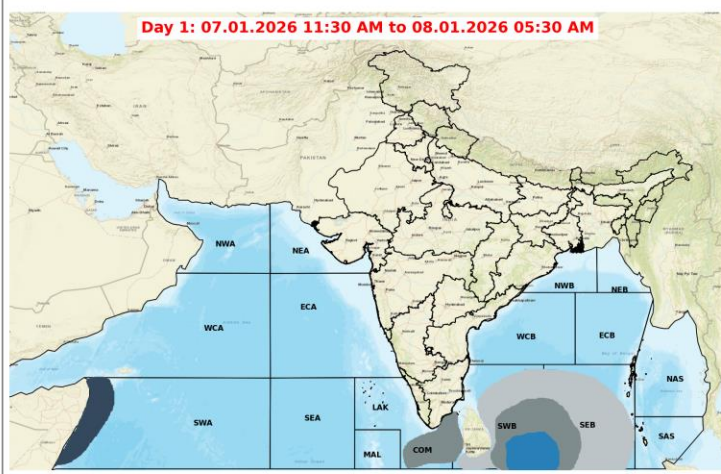
| Terms | Probability of Occurrence (%) |
|-------------|-------------------------------|
| Unlikely | < 25 |
| Likely | 25 - 50 |
| Very Likely | 50 - 75 |
| Most Likely | > 75 |





- 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

- | | |
|---|--|
| <ul style="list-style-type: none"> Squally Weather with wind speed 35-45 kmph gusting to 55 kmph Squally Weather with wind speed 40-50 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 Squally wind with speed 50-60 kmph gusting to 70 kmph | <ul style="list-style-type: none"> Squally wind with speed 55-65 kmph gusting to 75 kmph CS with Gale winds with speed 60-80 kmph gusting to 90 kmph SCS with Gale wind speed 90-110 kmph gusting to 120 kmph VSCS with Gale wind speed 120-165 kmph gusting to 185 kmph ESCS with Gale wind speed 165-220 kmph gusting to 245 kmph |
|---|--|

Fishermen are advised not to venture into the marked areas.