



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

**National Bulletin No. 4 (BOB/01/2026)**

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**DATED: 08.01.2026**

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**Subject: Depression over southwest & adjoining areas of southeast Bay of Bengal and East Equatorial Indian Ocean**

The depression over southeast & adjoining areas of southwest Bay of Bengal and East Equatorial Indian Ocean moved nearly west-northwestwards with a speed of 15 kmph during past 6 hours and lay centred at 2330 hours IST of yesterday, the 7<sup>th</sup> January, 2026 over southwest & adjoining areas of southeast Bay of Bengal and East Equatorial Indian Ocean, near latitude 5.3°N and longitude 86.0°E, about 490 km east-southeast of Pottuvil (Sri Lanka), 550 km east-southeast of Batticaloa (Sri Lanka), 640 km southeast of Trincomalee (Sri Lanka), 920 km southeast of Karaikal (Puducherry) and 1070 km southeast of Chennai (Tamil Nadu).

It is very likely to intensify further into a deep depression during next 12 hours. It is very likely to move west-northwestwards initially across southwest Bay of Bengal during next 36 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 8<sup>th</sup> 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 9<sup>th</sup> and 10<sup>th</sup> January, 2026. It would decrease thereafter

becoming light to moderate rainfall at many places with heavy rainfall at isolated places on 11<sup>th</sup> January, 2026.

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

**(ii) Wind Warning:**

**(a) Southeast Bay of Bengal:**

Squally weather with wind speed reaching 45-55 gusting to 65 kmph is very likely to prevail on 8<sup>th</sup> January, 2026 and gradually decrease thereafter.

**(b) Southwest Bay of Bengal:**

Squally weather with wind speed reaching 45 - 55 gusting to 60 kmph is very likely to prevail till morning of 8<sup>th</sup> January. Thereafter, the winds would gradually increase and squally winds with speed reaching 50-60 gusting to 70 kmph are likely to prevail during 8<sup>th</sup> morning to 10<sup>th</sup> morning. It would gradually decrease then, becoming 40-50 gusting to 60 kmph by 10<sup>th</sup> afternoon.

**(c) Adjoining areas of East Equatorial Indian Ocean:**

Squally weather with wind speed reaching 40-50 gusting to 60 kmph is very likely to prevail till evening of 8<sup>th</sup> January, 2026 and gradually decrease thereafter

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

Squally weather with wind speed reaching 40-50 gusting to 60 kmph are likely to prevail from 8<sup>th</sup> morning to 10<sup>th</sup> afternoon and gradually decrease thereafter.

**(e) 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 8<sup>th</sup> January and 40 – 50 gusting to 60 kmph from 9<sup>th</sup> morning to 10<sup>th</sup> afternoon. It would gradually decrease thereafter.

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 9<sup>th</sup> & 10<sup>th</sup> January and decrease thereafter.

**(iii) Sea Condition:**

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

**(iv) Fishermen Warning:**

Fishermen are advised not to venture into southeast Bay of Bengal & adjoining southwest Bay of Bengal & East Equatorial Indian Ocean on 8<sup>th</sup> January; southwest Bay of Bengal during 8<sup>th</sup> to 10<sup>th</sup> January; along & off Sri Lanka coast, Gulf of Mannar and adjoining Comorin, South Tamil Nadu coast during 8<sup>th</sup> to 10<sup>th</sup> January; along & off North Tamil Nadu-Puducherry coast during 9<sup>th</sup> and 10<sup>th</sup> 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 0830 hours IST of today, the 8<sup>th</sup> January, 2026.**

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

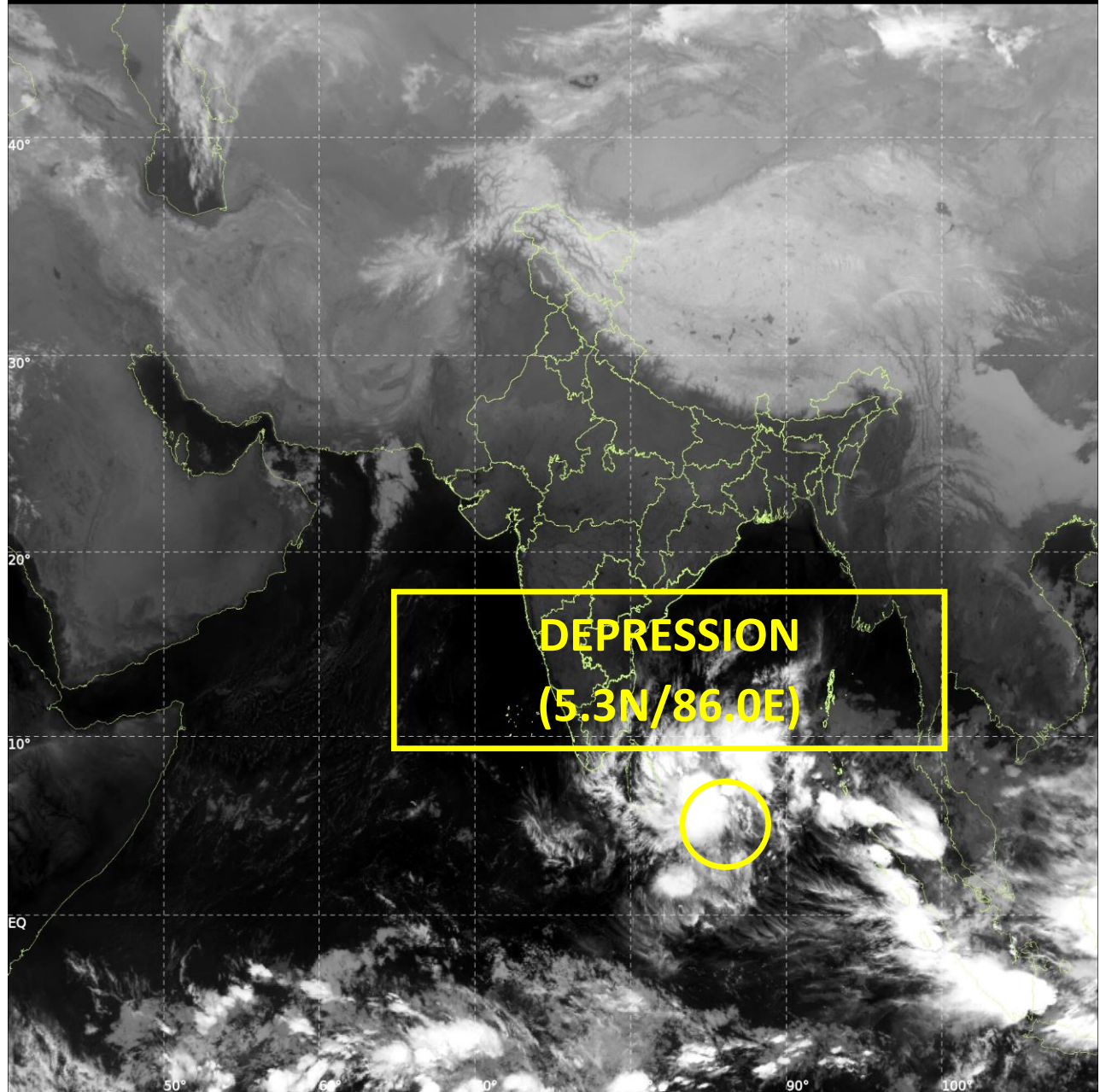
*Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/CWC Vishakhapatnam/CWC Thiruvananthapuram/  
Meteorological Centre Vijaya Puram/ and Meteorological Centre Amaravati/*



INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83  $\mu\text{m}$   
GMT:07-01-2026/(1930-1957) IST:08-01-2026/(0100-0127)  
LIC MERCATOR (LINEAR STRETCH: 1%)

513

911





**OBSERVED AND FORECAST TRACK OF DEPRESSION OVER SOUTHWEST & ADJOINING AREAS OF SOUTHEAST BAY OF BENGAL AND EAST EQUATORIAL INDIAN OCEAN BASED ON 1800 UTC (2330 Hrs. IST) OF 7<sup>TH</sup> JANUARY 2026**



**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**



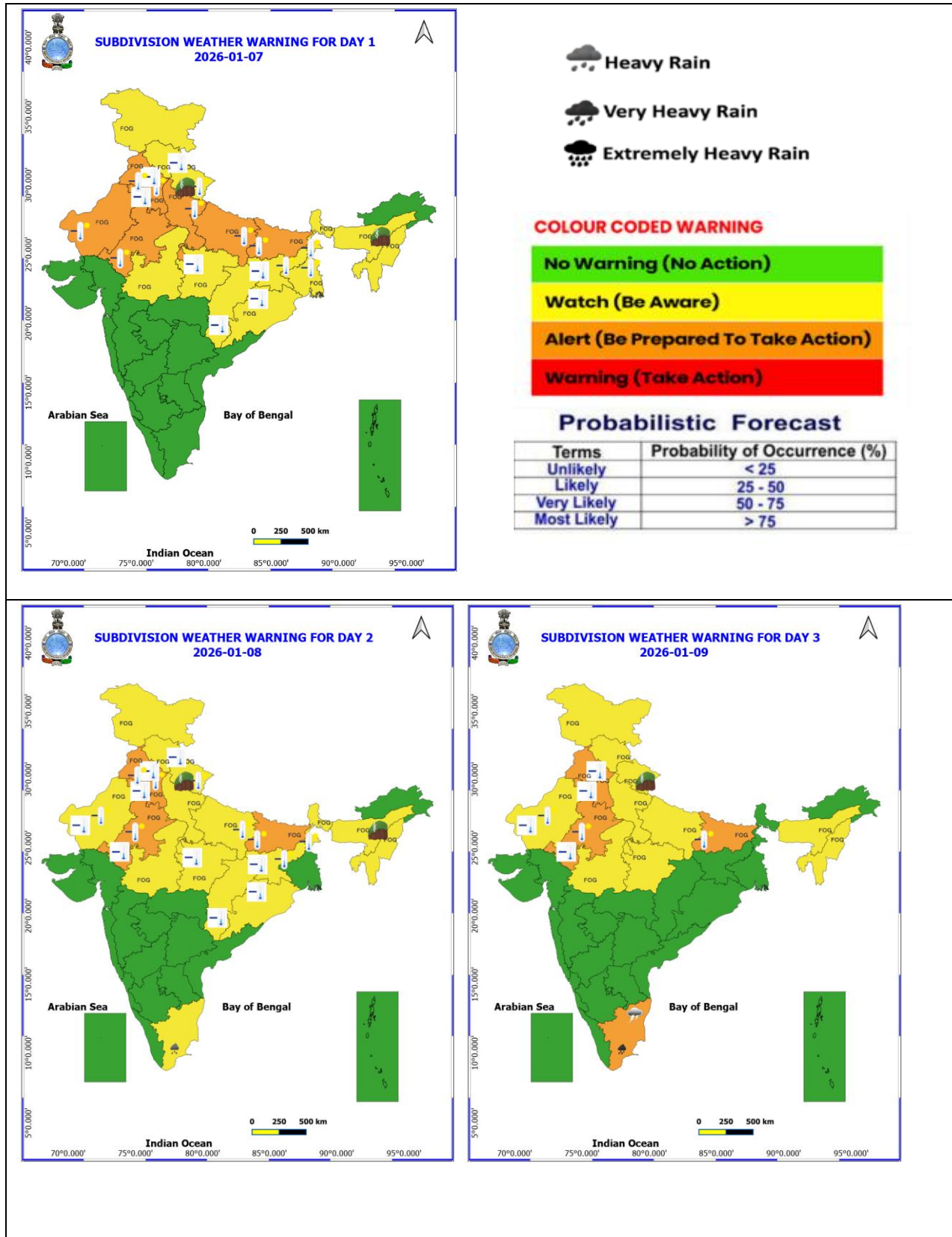
**CONE OF UNCERTAINTY**

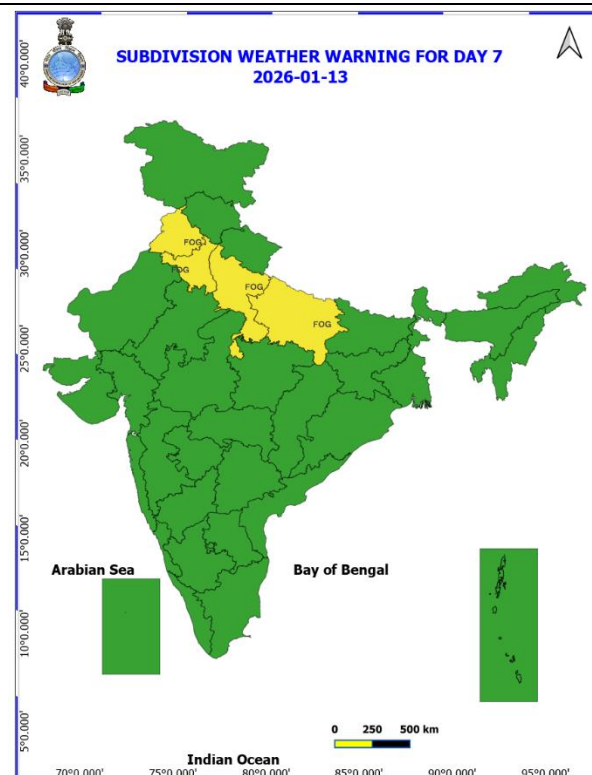
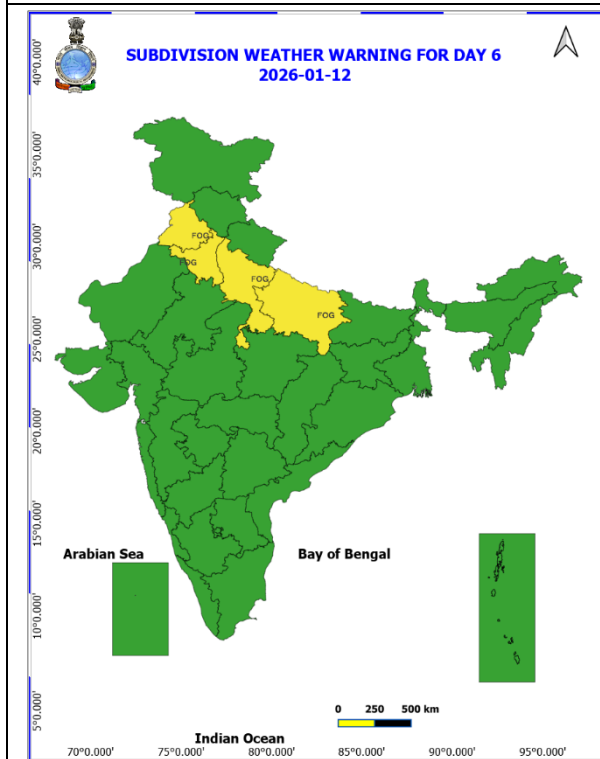
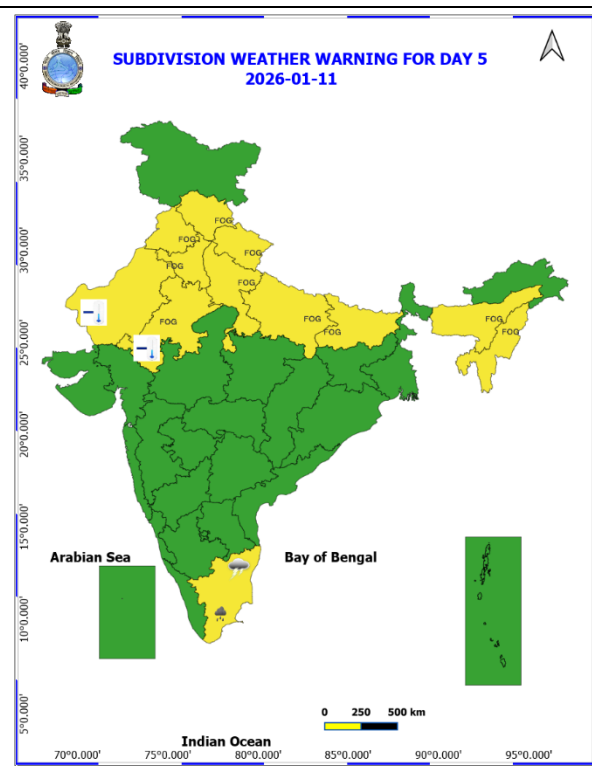
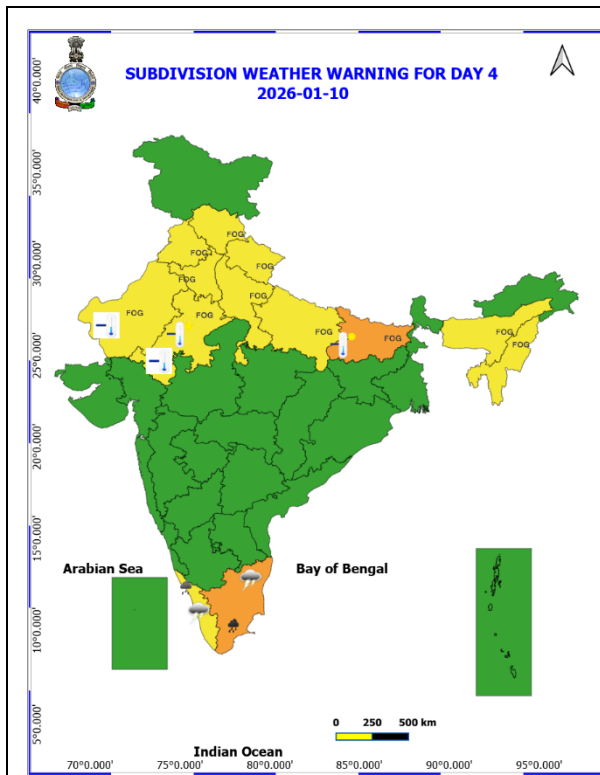
**Forecast distance (km) and direction of the centre from nearest 5 coastal stations**

Forecast Date and Time	Lead Period (hrs)	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
07.01.26/1800	0	5.3	86.0	POTTUVIL (490, ESE)	BATTICALOA (550, ESE)	TRINCOMALEE (640, SE)	KARAIKAL (920, SE)	CHENNAI (1070, SE)



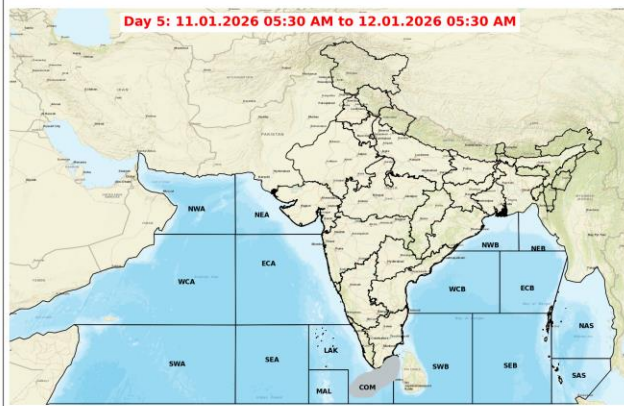
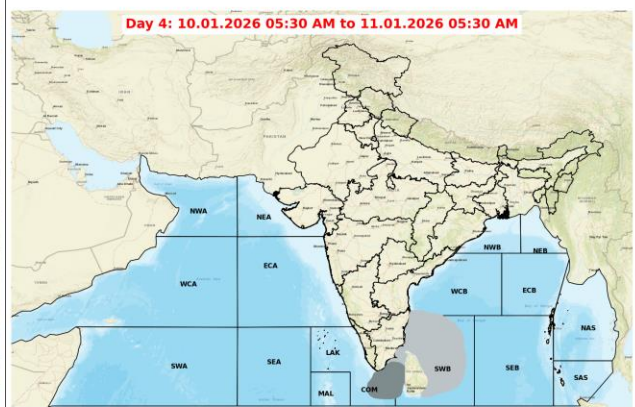
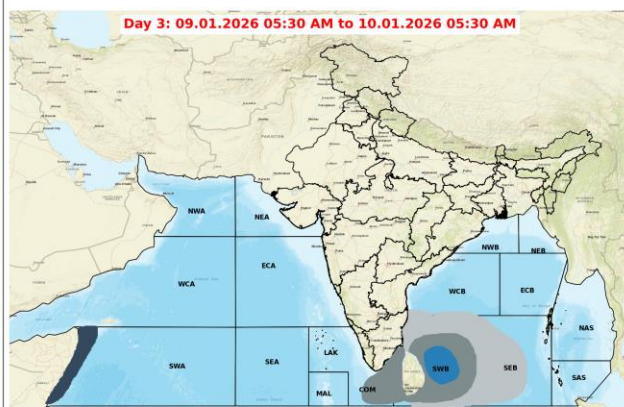
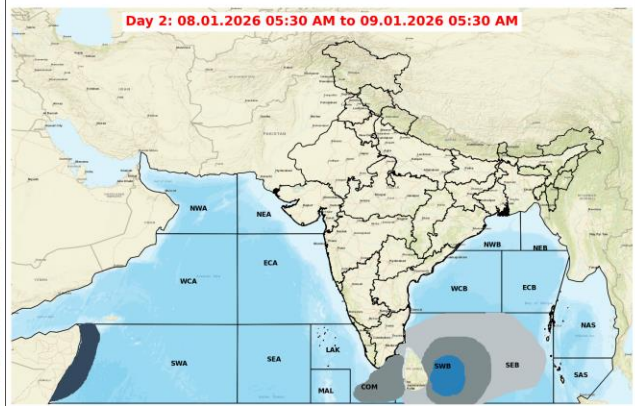
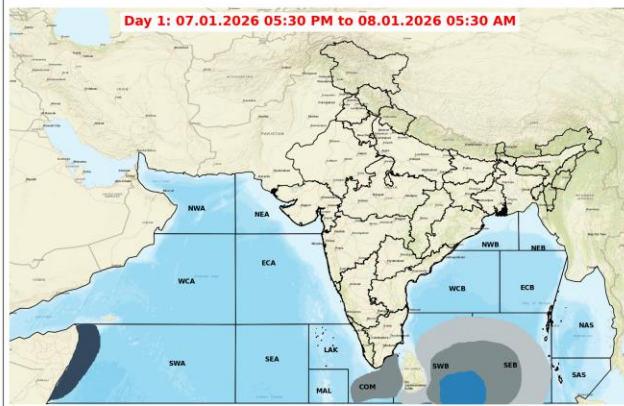
## WEATHER WARNING GRAPHICS





- 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.