



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

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

A depression formed at 0830 hours IST of today, the 7th January, 2026 and lay centred over southeast **Bay of Bengal and adjoining East Equatorial Indian Ocean**, near latitude 4.8°N and longitude 88.2°E, about 740 km east-southeast of Pottuvil (Sri Lanka), 790 km east-southeast of Batticaloa (Sri Lanka), 880 km east-southeast of Trincomalee (Sri Lanka), 1150 km southeast of Karaikal (Tamil Nadu) and 1270 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 9th 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 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 Ocean 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 Ocean 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.

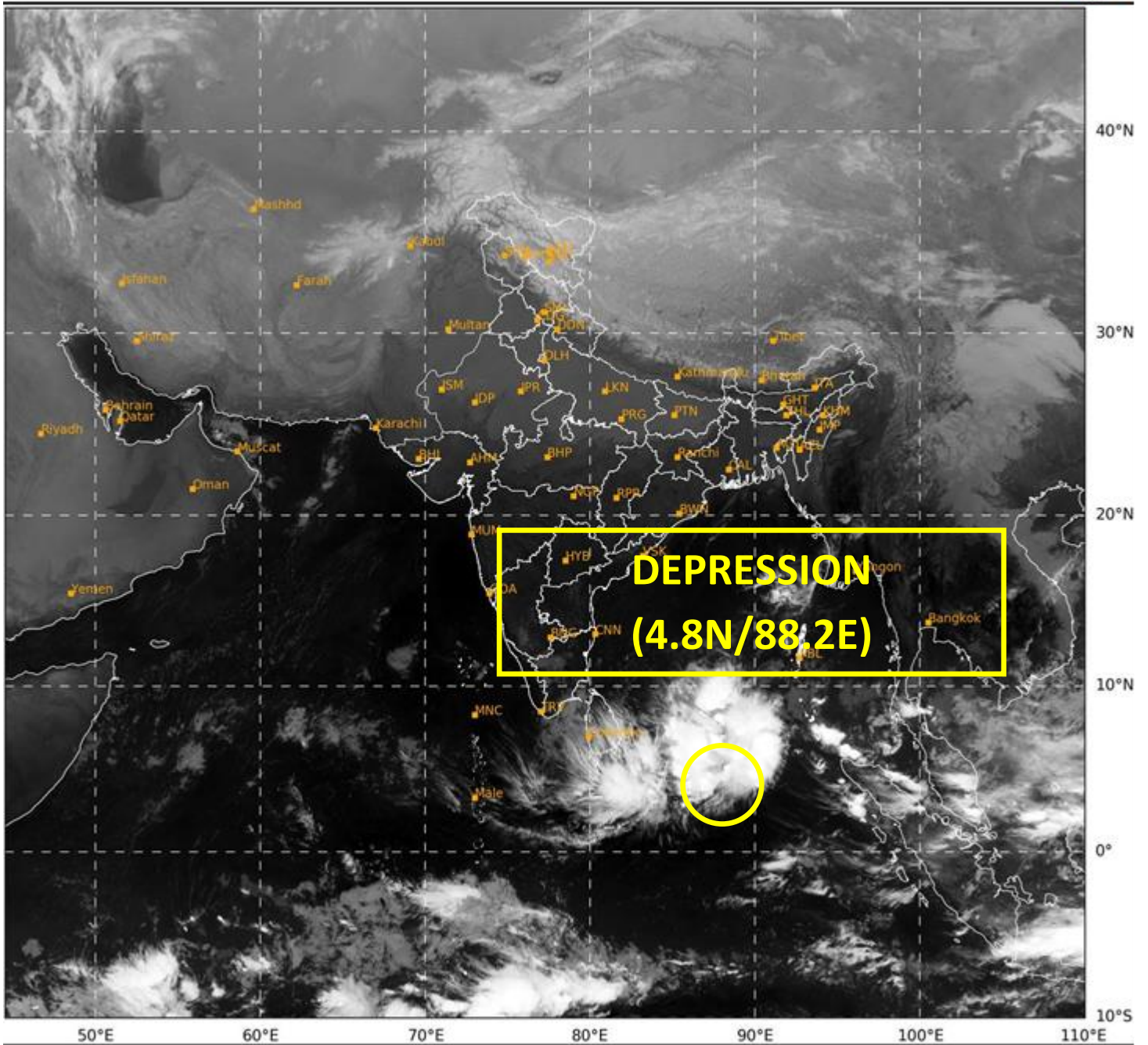
Next bulletin will be issued at 1430 hours IST of today, the 7th January, 2026.

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

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

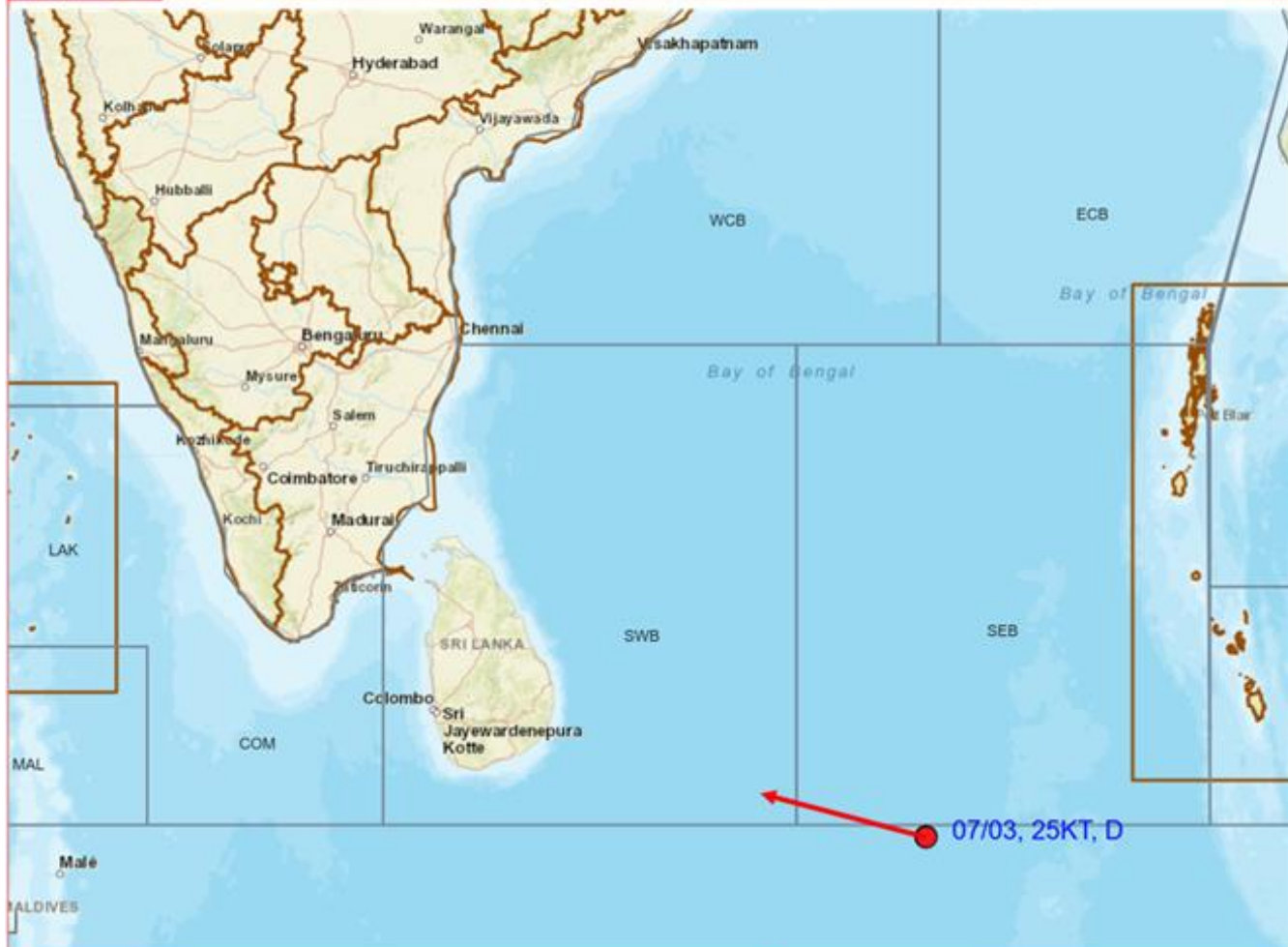
SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
L1C Mercator

07-01-2026/(0314 to 0341) GMT
07-01-2026/(0844 to 0911) IST





OBSERVED AND FORECAST TRACK OF DEPRESSION OVER SOUTHEAST BAY OF BENGAL AND ADJOINING EAST EQUATORIAL INDIAN OCEAN BASED ON 0300 UTC (0830 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

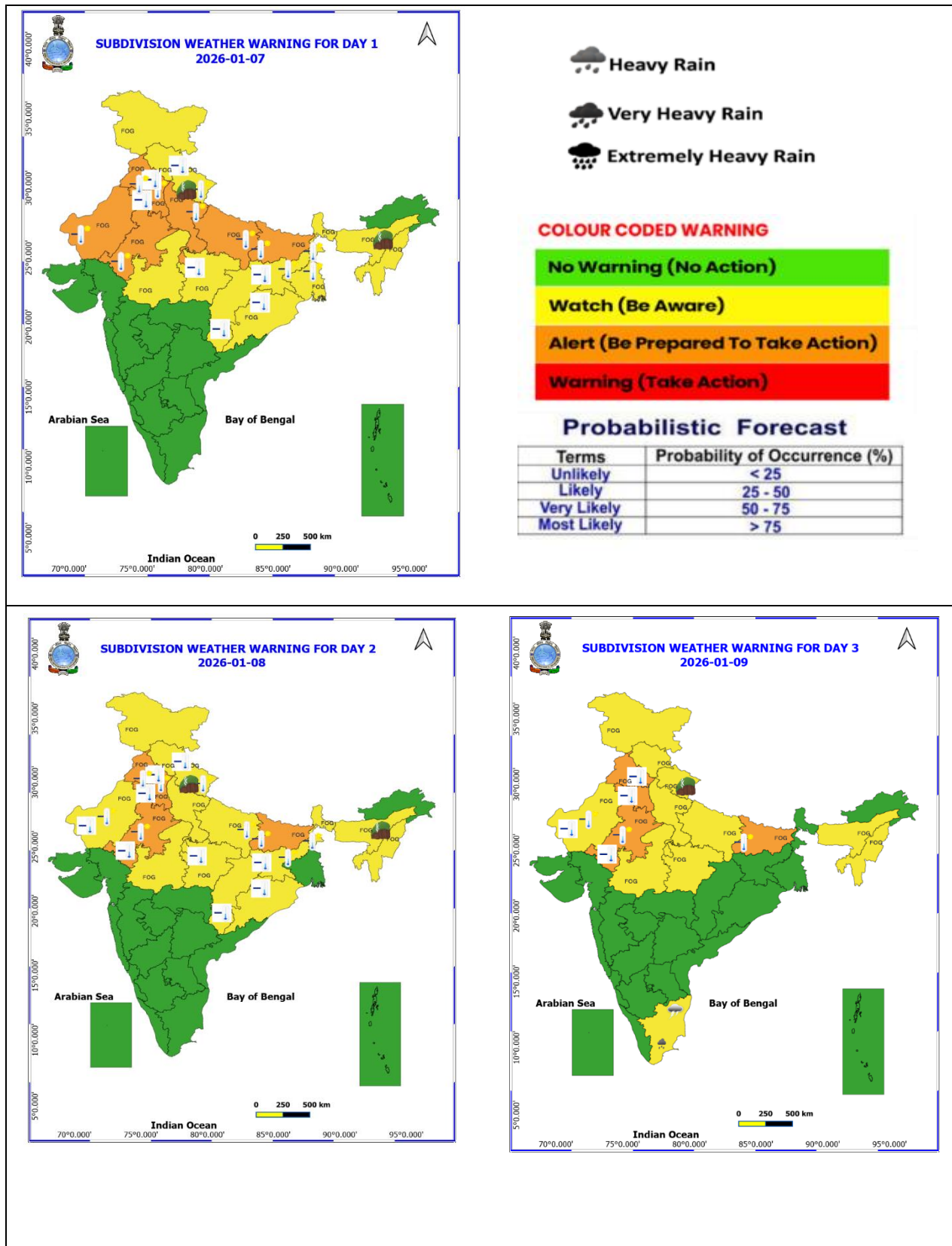


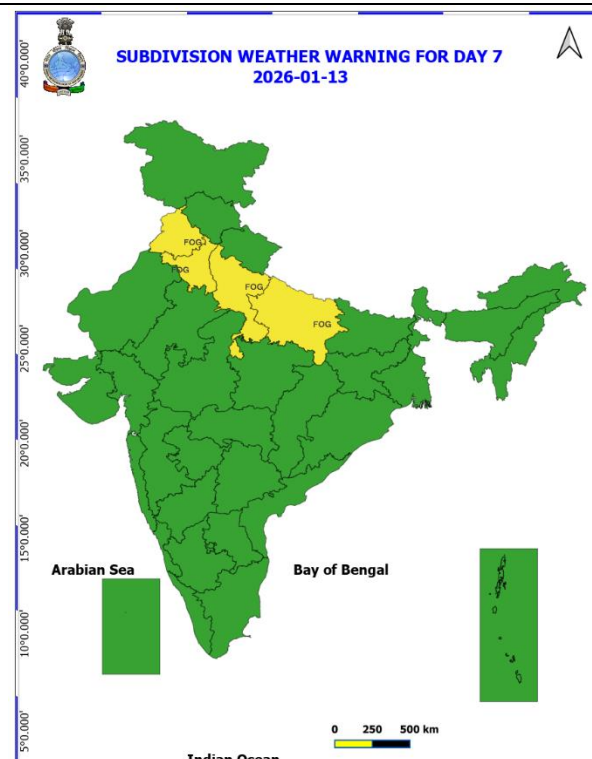
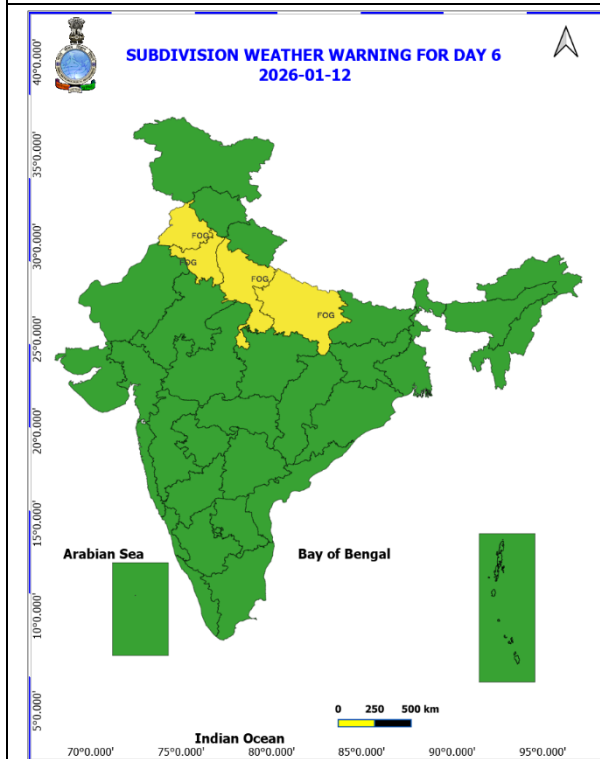
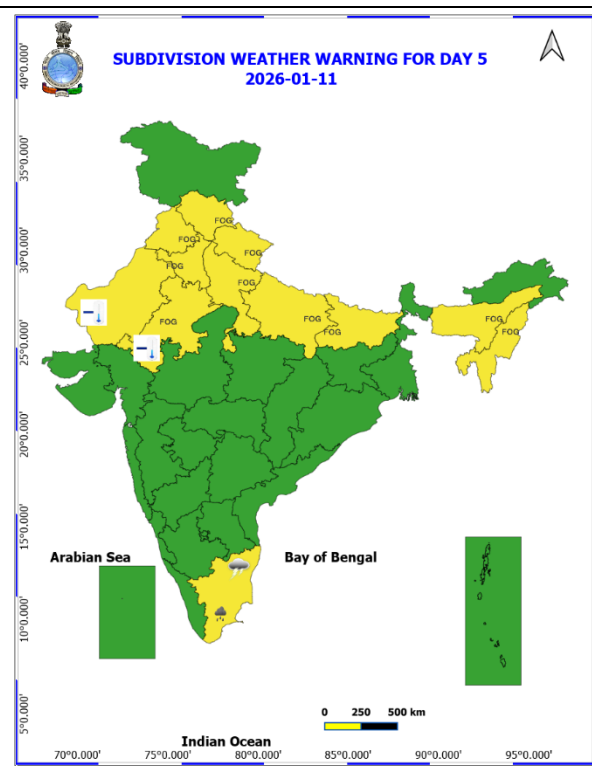
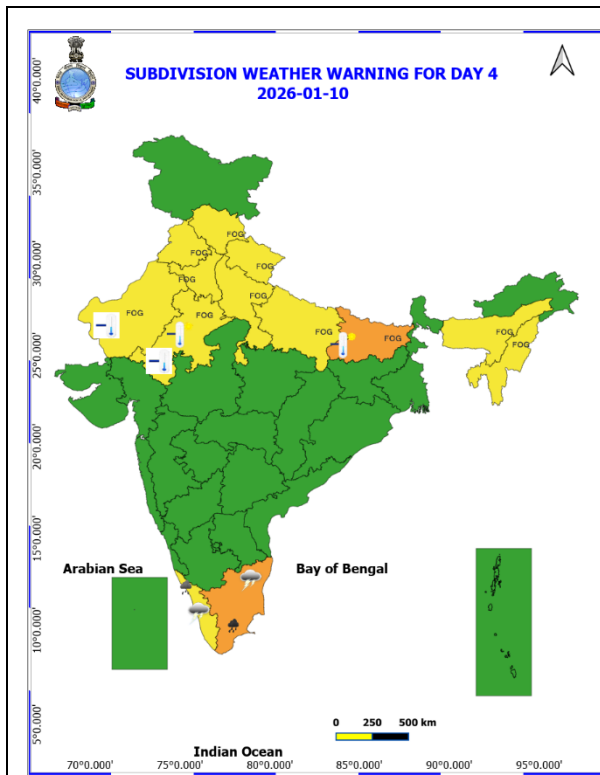
CONE OF UNCERTAINTY

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	4.8	88.2	POTTUVIL (740,ESE)	BATTICALOA (790,ESE)	TRINCOMALEE (880,ESE)	KARAIKAL (1150,SE)	CHENNAI (1270,SSE)

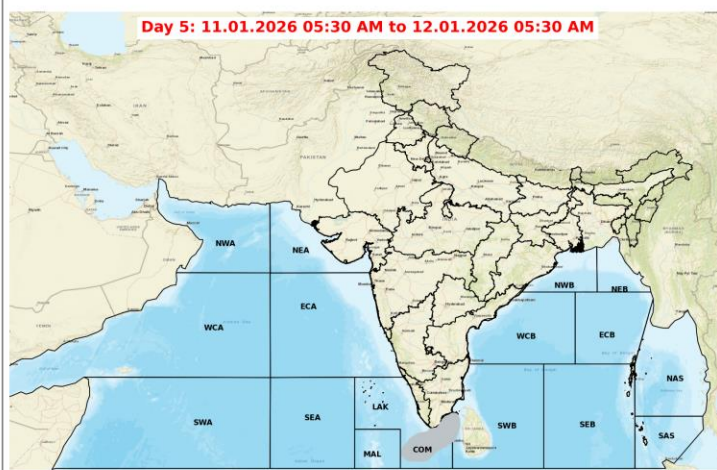
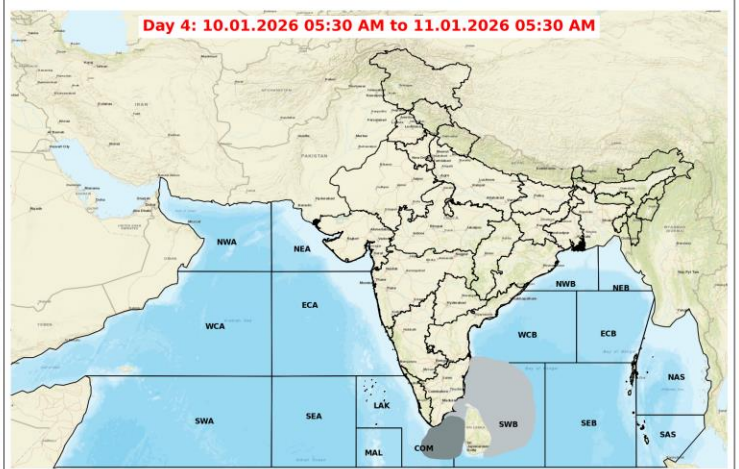
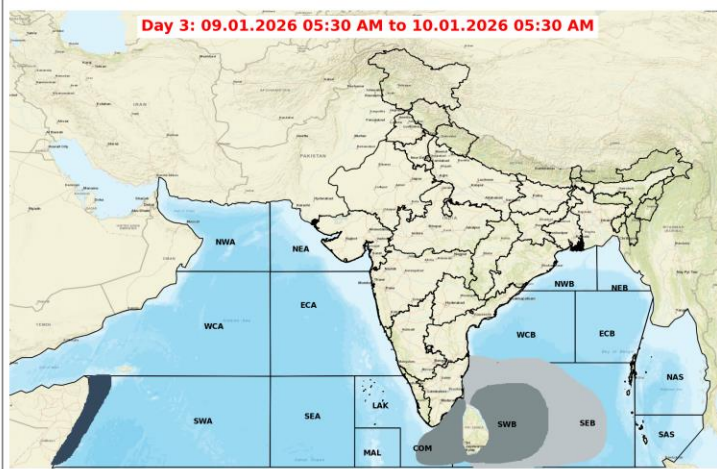
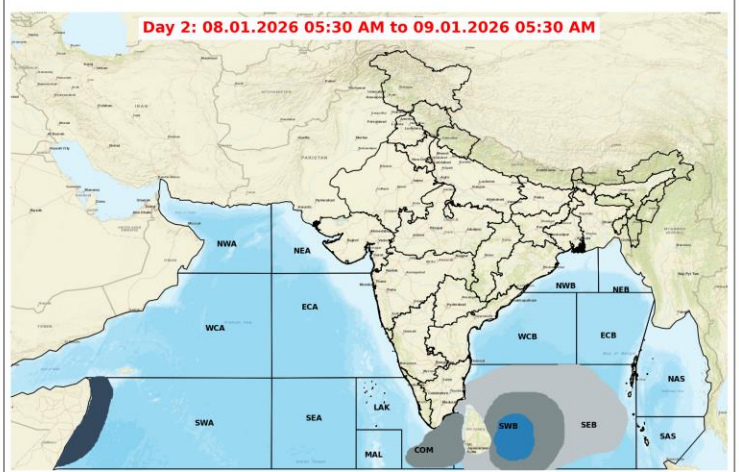
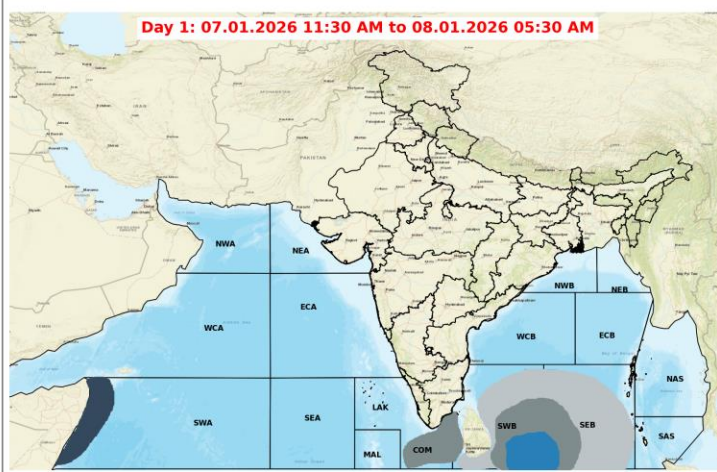
WEATHER WARNING GRAPHICS





- 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.