



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

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

The depression over **southwest & adjoining areas of southeast Bay of Bengal and East Equatorial Indian Ocean** moved nearly west-northwestwards with a speed of 15 kmph during past 6 hours, intensified into a **Deep Depression** and lay centred at 0530 hours IST of today, the 8<sup>th</sup> January, 2026 over the same region, near latitude 5.4°N and longitude 85.3°E, about 420 km east-southeast of Pottuvil (Sri Lanka), 470 km east-southeast of Batticaloa (Sri Lanka), 470 km east-southeast of Hambantota (Sri Lanka), 570 km southeast of Trincomalee (Sri Lanka), 860 km southeast of Karaikal (Puducherry) and 1020 km south-southeast of Chennai (Tamil Nadu).

It is very likely to move west-northwestwards across southwest Bay of Bengal during next 36 hours and cross Sri Lanka coast between Hambantota and Kalmunai around evening/night of tomorrow, the 9<sup>th</sup> January 2026.

**Rainfall Warning:**

❖ **Tamil Nadu, Puducherry and Karaikal:** Light to moderate rainfall at many places with heavy rainfall at isolated places over coastal Tamilnadu 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) Southwest Bay of Bengal and adjoining areas of East Equatorial Indian Ocean:**

Squally weather with wind speed reaching 50-60 gusting to 70 kmph is likely to prevail till 10<sup>th</sup> morning. It would gradually decrease then, becoming 40-50 gusting to 60 kmph by 10<sup>th</sup> afternoon.

##### **(b) 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.

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

Squally weather with wind speed reaching 45-55 gusting to 65 kmph is prevailing over the region. It would increase, becoming 50-60 gusting to 70 Kmph from 9<sup>th</sup> morning to 10<sup>th</sup> morning 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 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 very rough over southwest Bay of Bengal & adjoining areas of East Equatorial Indian Ocean during 8<sup>th</sup> to 10<sup>th</sup> January and along & off Sri Lanka coast, Gulf of Mannar and adjoining Comorin area during 8<sup>th</sup> to 10<sup>th</sup> January.
- ❖ Sea condition is very likely to be Rough to very rough along & off Tamil Nadu-Puducherry coasts during 8<sup>th</sup> and 10<sup>th</sup> January and improve gradually thereafter.
- ❖ Sea condition is very likely to be very rough to rough over southeast Bay of Bengal on 8<sup>th</sup> January.

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

Fishermen are advised not to venture into southwest Bay of Bengal & adjoining East Equatorial Indian Ocean during 08<sup>th</sup> to 10<sup>th</sup>; adjoining areas of southeast Bay of Bengal on 8<sup>th</sup> & 9<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 and 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 1130 hours IST of today, the 8<sup>th</sup> January, 2026.**

**(Shibin Balakrishnan)  
Scientist-D, IMD, New Delhi**

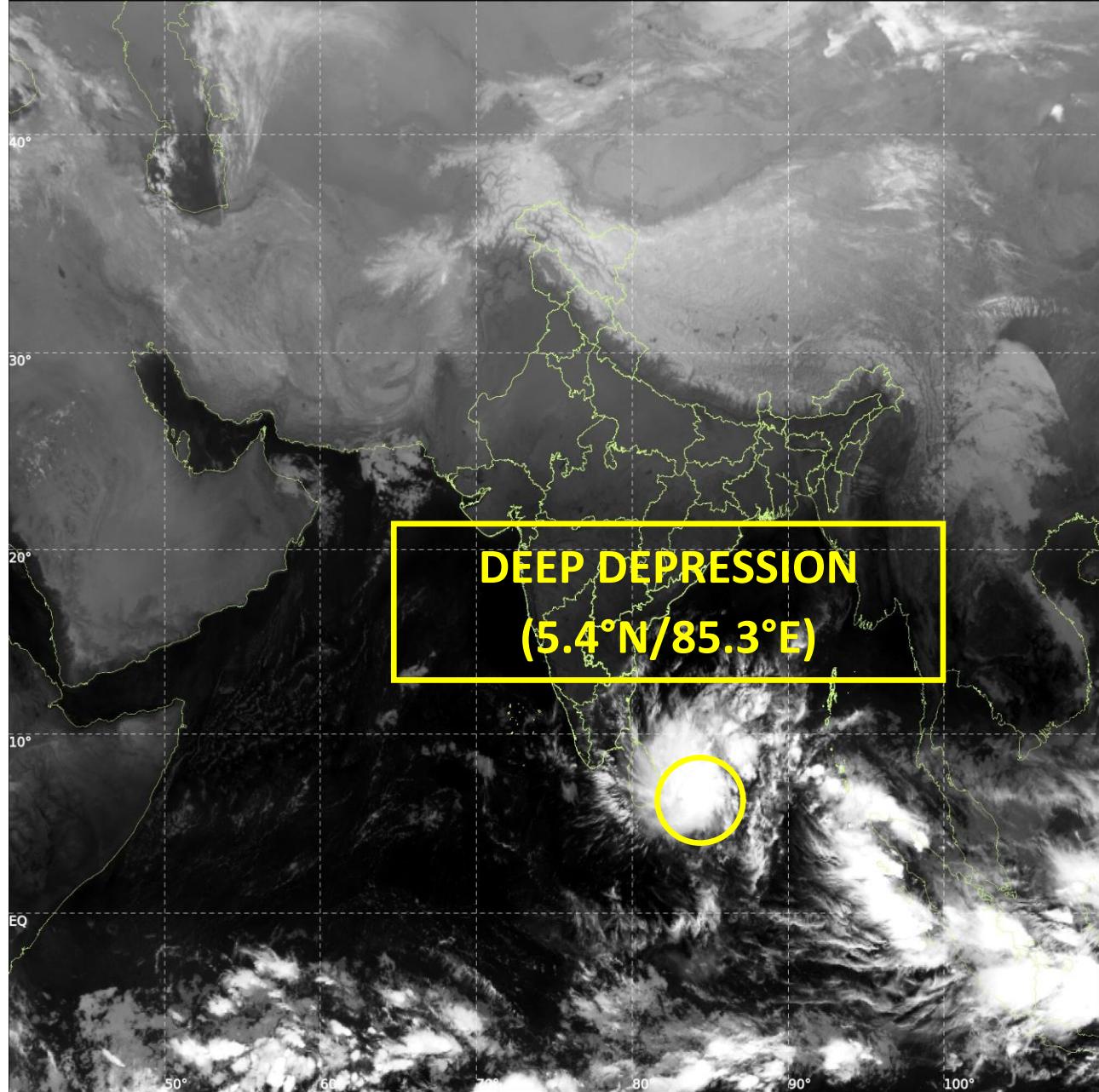
*Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/CWC Vishakhapatnam/CWC Thiruvananthapuram/  
Meteorological Centre Vijaya Puram/ and Meteorological Centre Amaravati/*



INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83  $\mu$ m  
GMT:08-01-2026/(0230-0257) IST:08-01-2026/(0800-0827)  
L1C MERCATOR (LINEAR STRETCH: 1%)

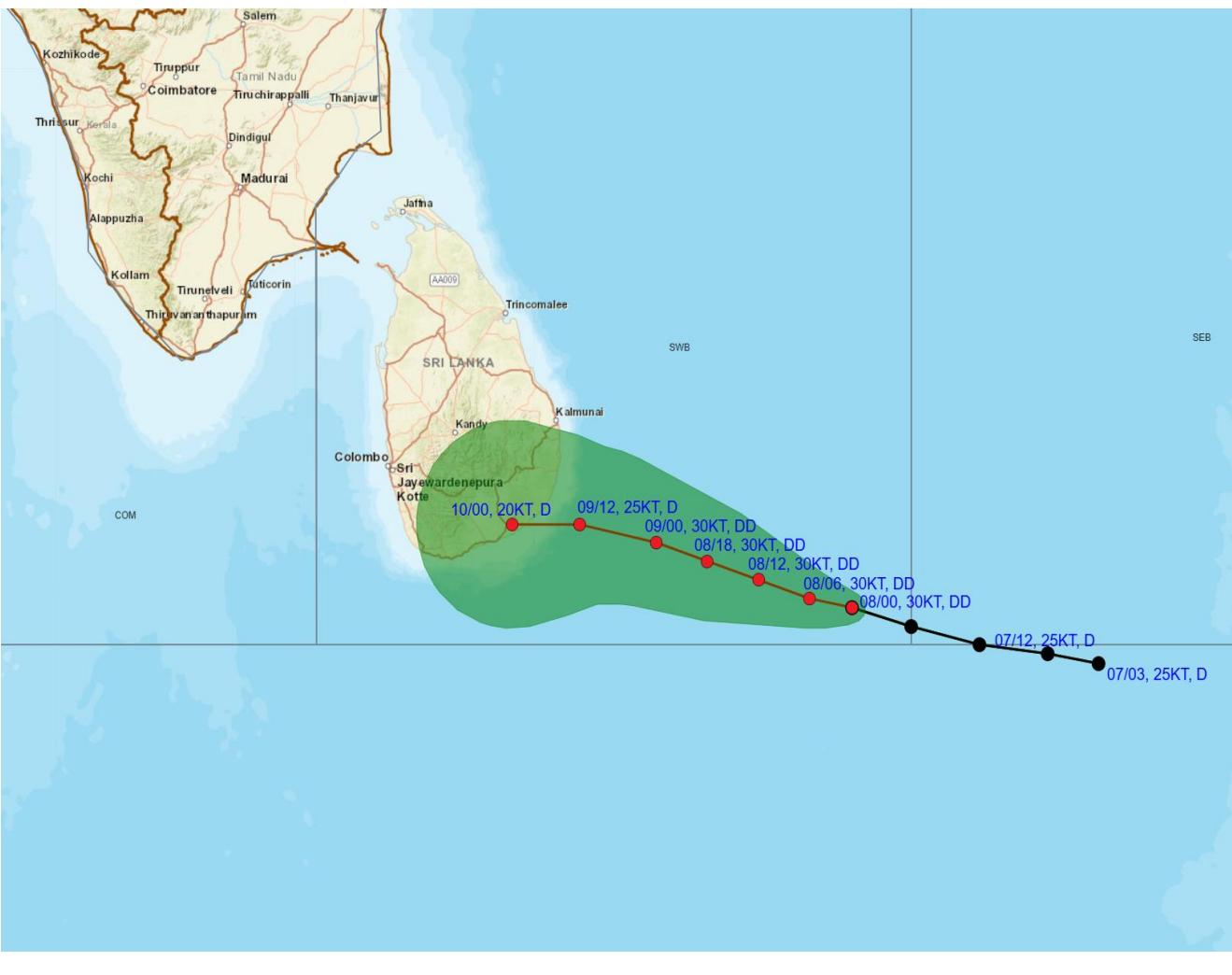
503

908





## OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEEP DEPRESSION OVER SOUTHWEST & ADJOINING AREAS OF SOUTHEAST BAY OF BENGAL AND EAST EQUATORIAL INDIAN OCEAN BASED ON 0000 UTC (0530 Hrs. IST) OF 8TH 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 ( $\geq 120$  KT)

LESS THAN 34 KT

34-47 KT

$\geq 48$  KT

OBSERVED TRACK

FORECAST TRACK

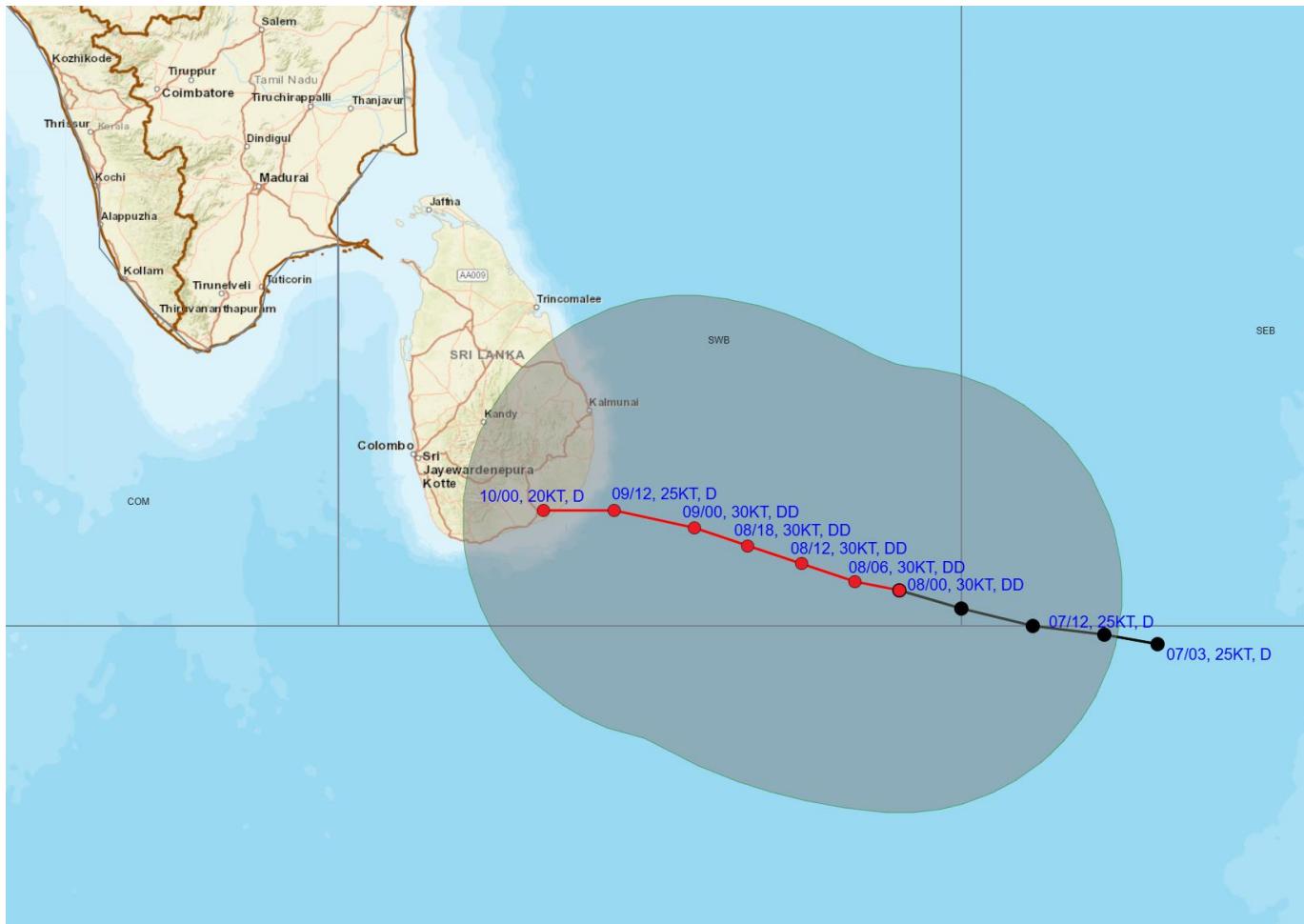
CONE OF UNCERTAINTY

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

Forecast Date and Time	Lead Period	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
08.01.26/0000	0	5.4	85.3	POTTUVIL (418,ESE)	HAMBANTOTA (468,E)	BATTICALOA (474,ESE)	BADULLA (502,ESE)	BANDARAWELA (504,ESE)
08.01.26/0600	6	5.5	84.7	POTTUVIL (353,ESE)	HAMBANTOTA (401,E)	BATTICALOA (413,SE)	BADULLA (436,ESE)	BANDARAWELA (437,ESE)
08.01.26/1200	12	5.7	84.1	POTTUVIL (283,ESE)	HAMBANTOTA (332,E)	BATTICALOA (348,SE)	BADULLA (366,ESE)	BANDARAWELA (367,ESE)
08.01.26/1800	18	6	83.5	POTTUVIL (209,ESE)	HAMBANTOTA (262,E)	BATTICALOA (276,SE)	BADULLA (292,ESE)	BANDARAWELA (293,ESE)
09.01.26/0000	24	6.2	82.9	POTTUVIL (140,ESE)	HAMBANTOTA (196,E)	BATTICALOA (215,SE)	BADULLA (222,ESE)	BANDARAWELA (223,ESE)
09.01.26/1200	36	6.4	81.9	POTTUVIL (54,S)	HAMBANTOTA (91,ENE)	BANDARAWELA (112,ESE)	BADULLA (114,SE)	NUWARA ELIYA (140,ESE)



## OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION OVER SOUTHWEST & ADJOINING AREAS OF SOUTHEAST BAY OF BENGAL AND EAST EQUATORIAL INDIAN OCEAN BASED ON 0000 UTC (0530 Hrs. IST) OF 8<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

AREA OF MAXIMUM SUSTAINED WIND SPEED:

■ 28-33 KT (52-61 KMPH)

■ 34-49 KT (62-91 KMPH)

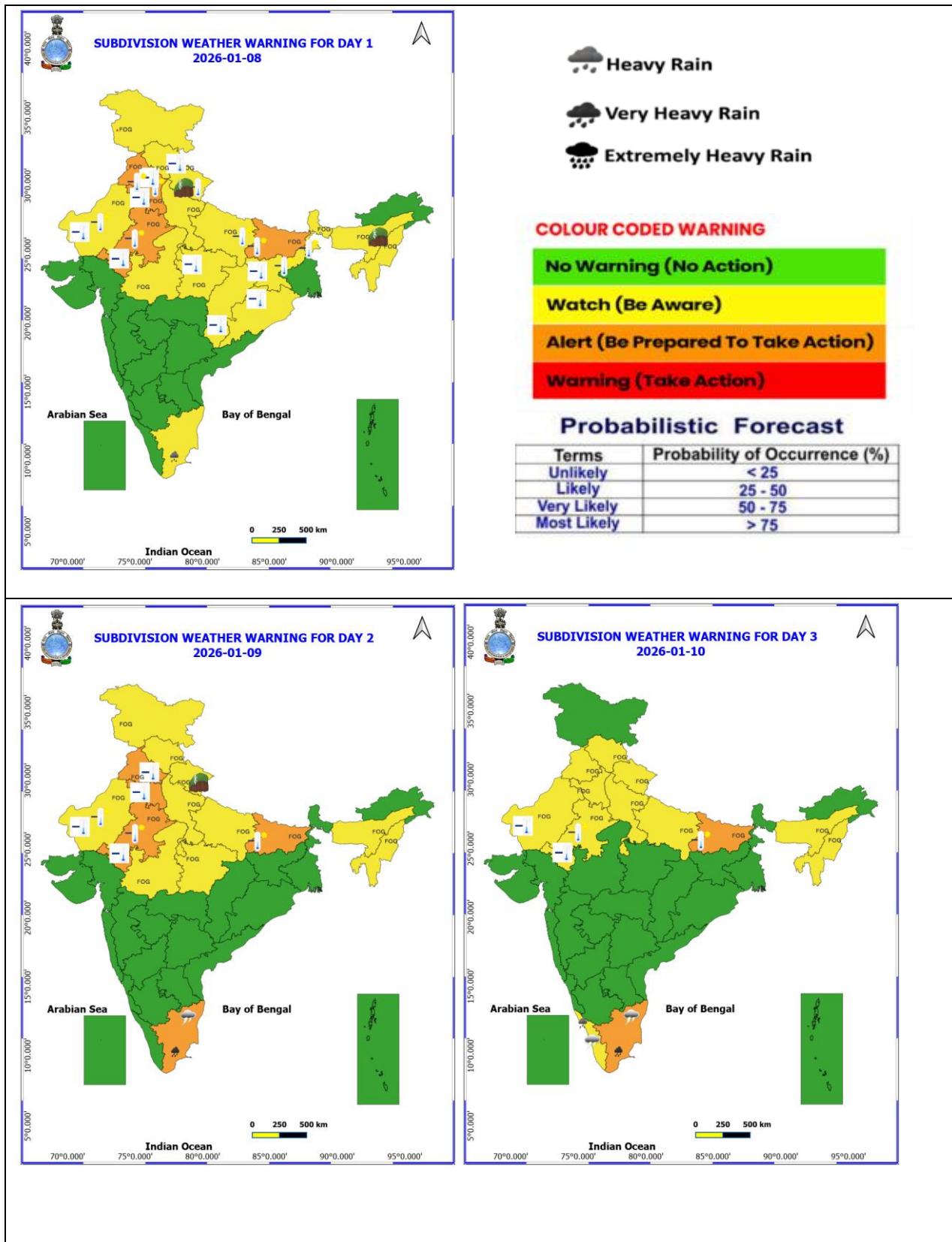
■ 50-63 KT (92-117 KMPH)

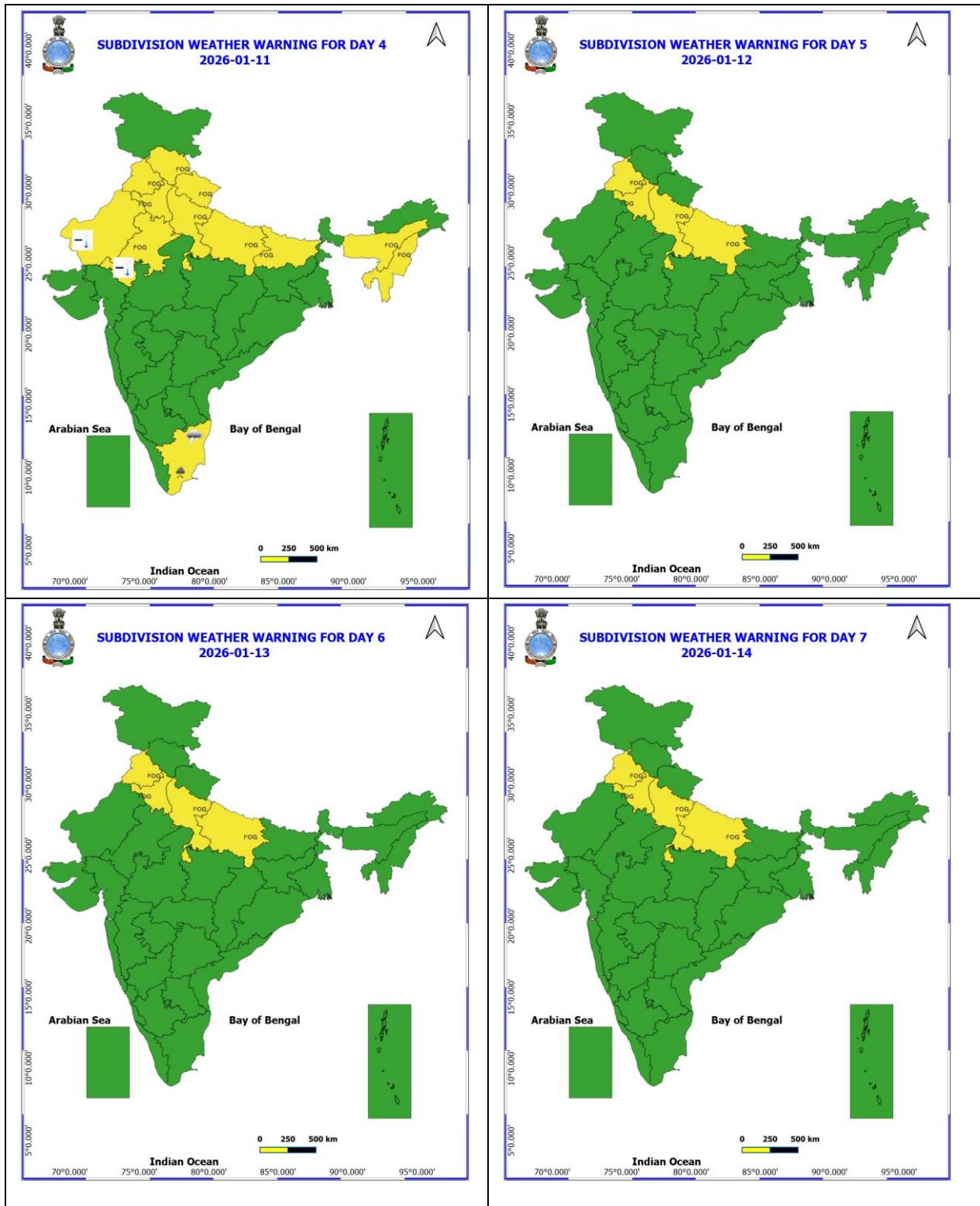
■ ≥ 64 KT (≥118 KMPH)

### 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

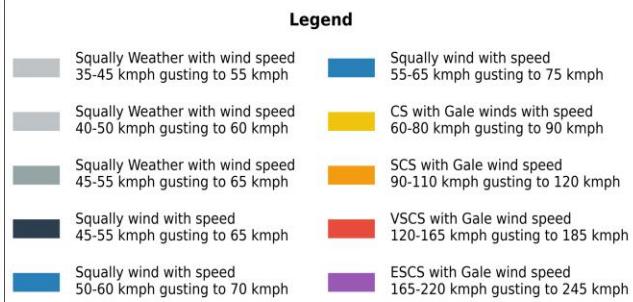
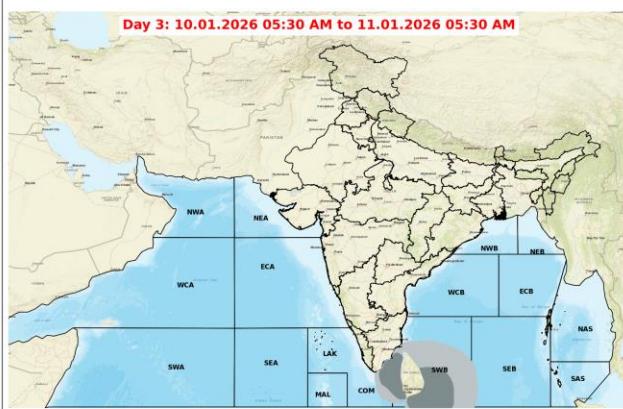
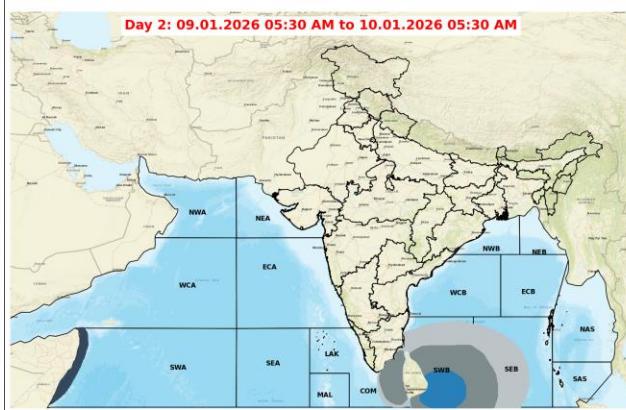
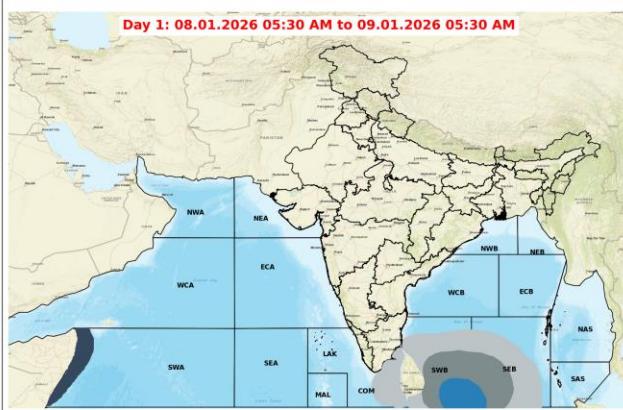
## WEATHER WARNING GRAPHICS





- 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



Fishermen are advised not to venture into the marked areas.