



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

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Subject: Deep Depression over southwest Bay of Bengal

The deep depression over southwest Bay of Bengal and adjoining East Equatorial Indian Ocean moved nearly northwestwards with a speed of 15 kmph during past 6 hours, and lay centred at 1730 hours IST of today, the 8th January, 2026 over southwest Bay of Bengal, near latitude 6.3°N and longitude 84.0°E, about 250 km east-southeast of Pottuvil (Sri Lanka), 320 km east-northeast of Hambantota (Sri Lanka), 300 km east-southeast of Batticaloa (Sri Lanka), 400 km southeast of Trincomalee (Sri Lanka), 690 km southeast of Karaikal (Puducherry) and 860 km south-southeast of Chennai (Tamil Nadu).

It is very likely to intensify further during next 12 hours, move northwestwards and cross Sri Lanka coast between Pottuvil and Trincomalee around evening/night of tomorrow, the 9th January 2026.

Forecast track and intensity is given in Table below:

Date/Time (IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (kmph)	Category of cyclonic disturbance
08.01.26/1730	6.3/84.0	50-60 gusting to 70	Deep Depression
08.01.26/2330	6.7/83.5	55-65 gusting to 75	Deep Depression
09.01.26/0530	7.0/83.0	55-65 gusting to 75	Deep Depression
09.01.26/1130	7.3/82.5	55-65 gusting to 75	Deep Depression
09.01.26/1730	7.6/82.0	50-60 gusting to 70	Deep Depression
10.01.26/0530	8.1/81.0	40-50 gusting to 60	Depression

Rainfall Warning:

- ❖ **Tamil Nadu, Puducherry and Karaikal:** Light to moderate rainfall at many places with heavy rainfall at isolated places is very likely over coastal Tamil Nadu on 8th January. The rainfall would gradually increase with light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places is very likely over coastal Tamil Nadu on 9th and 10th 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) 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 currently prevailing. It would gradually increase becoming 55-65 gusting to 75 kmph from 8th midnight to 9th afternoon. It would gradually decrease then, becoming 40-50 gusting to 60 kmph by 10th early morning.

(b) Southeast Bay of Bengal:

Squally weather with wind speed reaching 50-60 gusting to 70 kmph is very likely to prevail over adjoining areas of southeast Bay of Bengal and 45-55 gusting to 65 kmph over remaining areas of southeast Bay of Bengal on 8th 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 gradually becoming 50-60 gusting to 70 kmph on 9th and gradually decrease thereafter becoming 40-50 gusting to 60 kmph by 10th morning.

(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. It would gradually increase thereafter and squally winds reaching 40 – 50 gusting to 60 kmph are very likely to prevail from 9th morning to 10th morning. 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 9th & 10th 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 and along & off Sri Lanka coast, Gulf of Mannar and adjoining Comorin area during 8th to 10th January.
- ❖ Sea condition is very likely to be Rough to very rough along & off Tamil Nadu-Puducherry coasts during 8th and 10th January and improve gradually thereafter.
- ❖ Sea condition is very likely to be very rough to rough over southeast Bay of Bengal on 8th January.

(iv) Fishermen Warning:

Fishermen are advised not to venture into southwest Bay of Bengal & adjoining East Equatorial Indian Ocean during 08th to 10th; adjoining areas of southeast Bay of Bengal on 8th & 9th January; along & off Sri Lanka coast, Gulf of Mannar and adjoining Comorin, South Tamil

Nadu coast during 8th to 10th January and along & off North Tamil Nadu-Puducherry coast during 9th and 10th January.

(v) Impact Expected over south coastal Tamil Nadu 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.

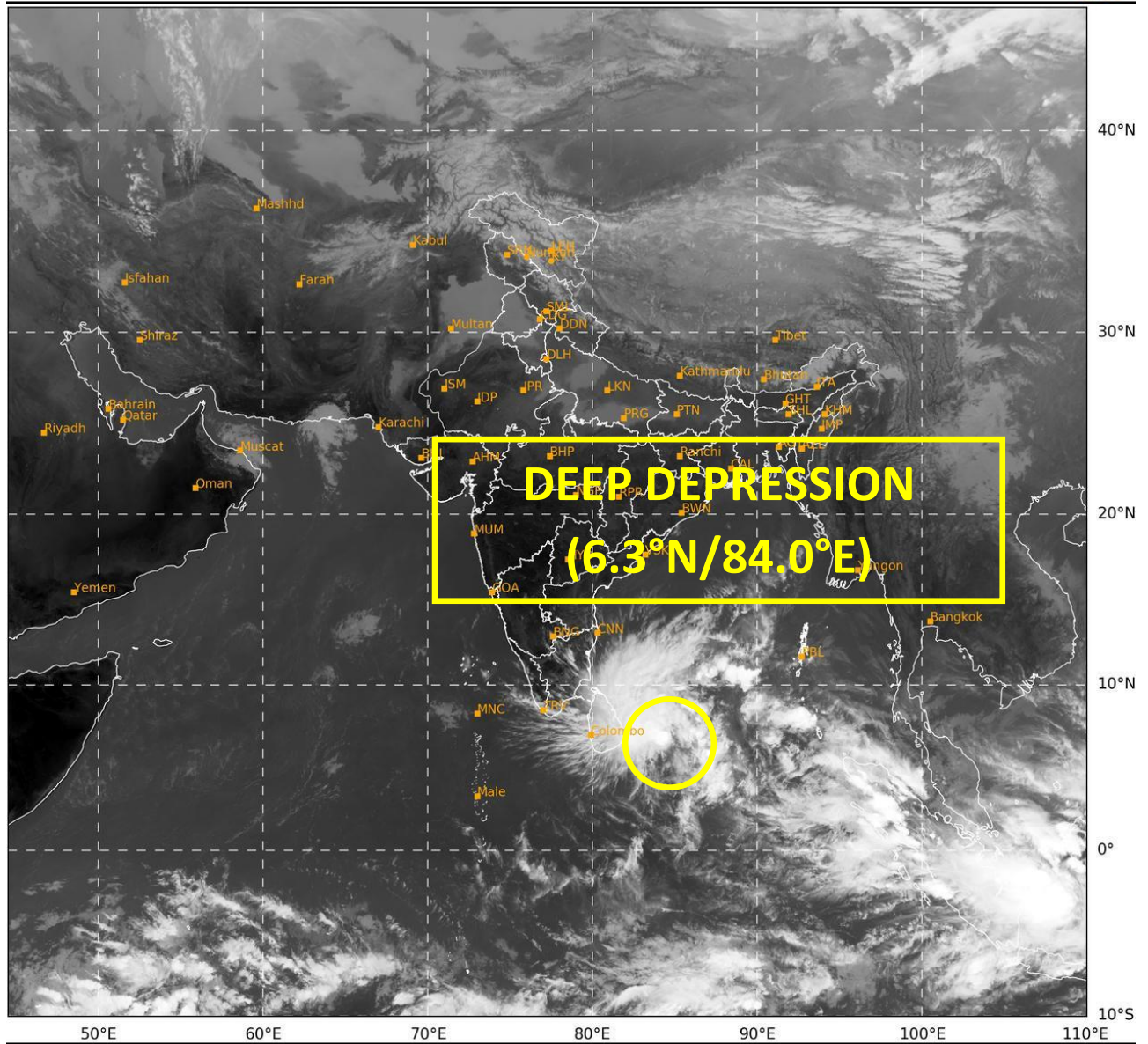
Next bulletin will be issued at 0230 hours IST of tomorrow, the 8th January, 2026.

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

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

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

08-01-2026/(0815 to 0842) GMT
08-01-2026/(1345 to 1412) IST



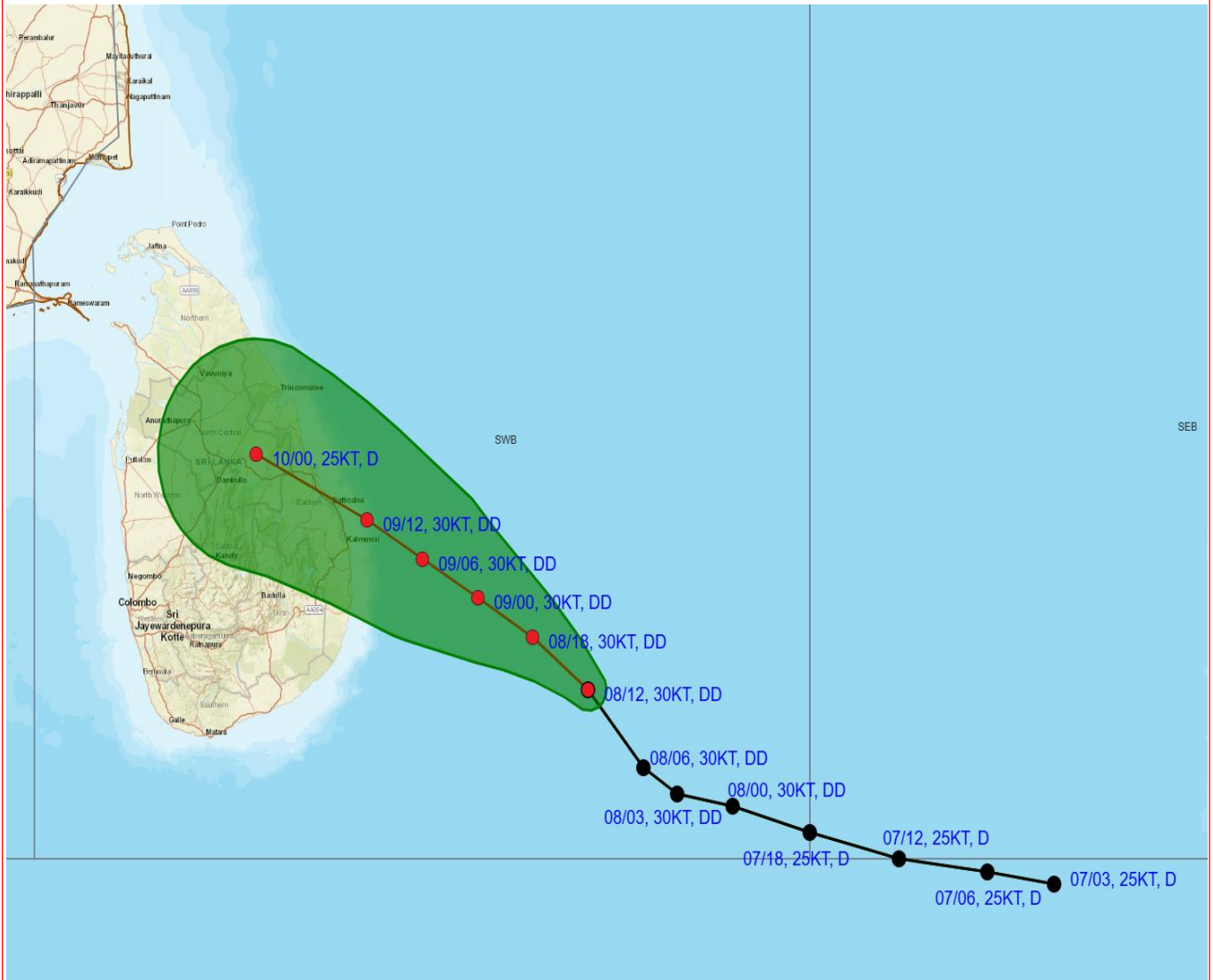
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IMD, DELHI



OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEEP DEPRESSION OVER SOUTHWEST BAY OF BENGAL BASED ON 1200 UTC (1730 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 (48-63 KT)

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

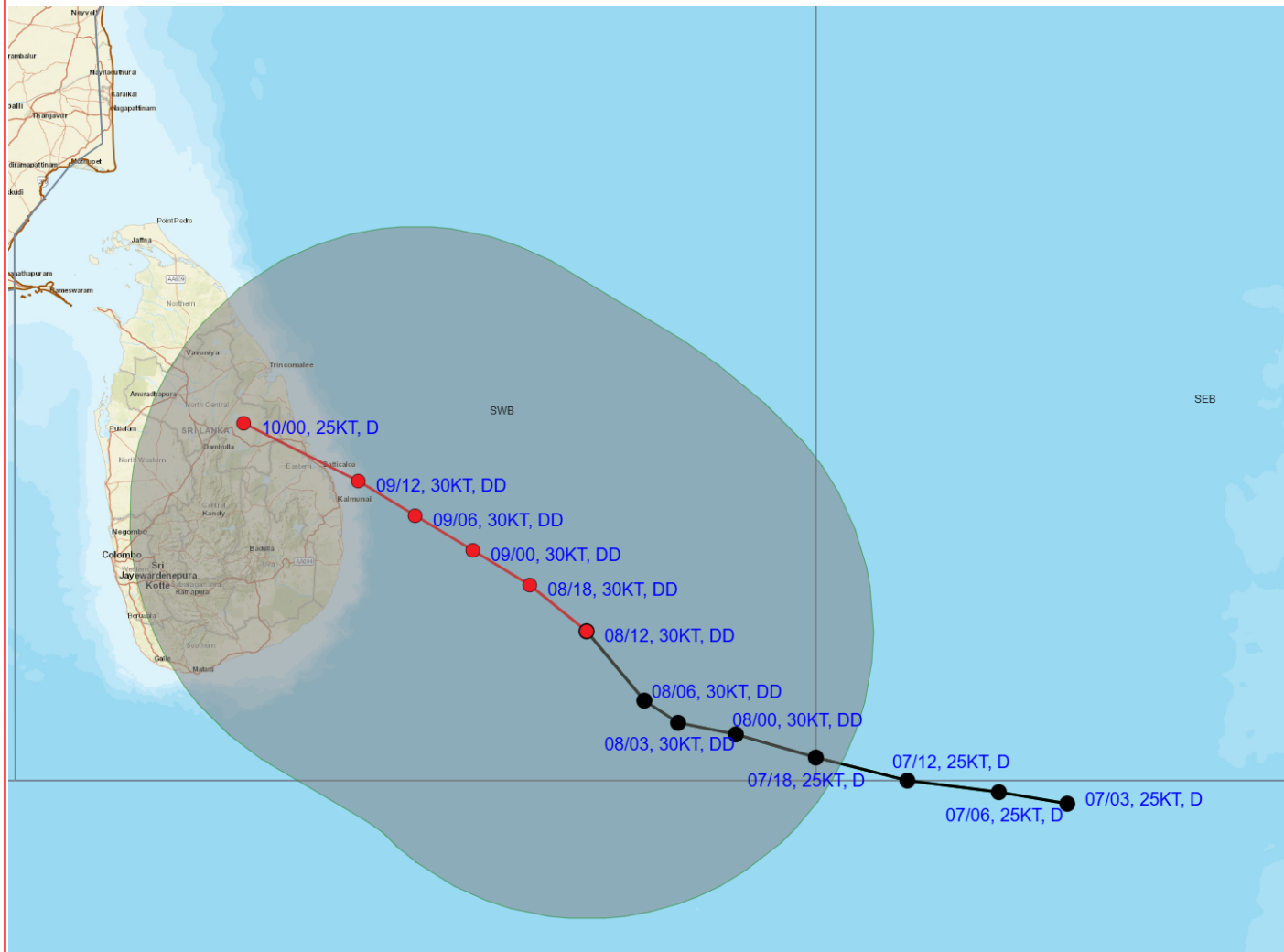


CONE OF UNCERTAINTY

Forecast		DISTANCE (KM) AND DIRECTION FROM STATIONS			
Date and Time (UTC)	POTTUVIL	BATTICALOA	TRINCOMALEE	KARAIKAL	CHENNAI/MINAMBAKKAM
08.01.26/1200	240, ESE	290, ESE	390, SE	680, SE	850, SSE
09.01.26/0000	90, NNE	40, ESE	140, SE	440, SSE	640, SSE
09.01.26/1200	390, SE	680, SE	850, SSE	390, SE	
10.01.26/0000	140, SE	440, SSE	640, SSE	140, SE	



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION OVER SOUTHWEST BAY OF BENGAL BASED ON 1200 UTC (1730 Hrs. IST) OF 8TH JANUARY 2026.



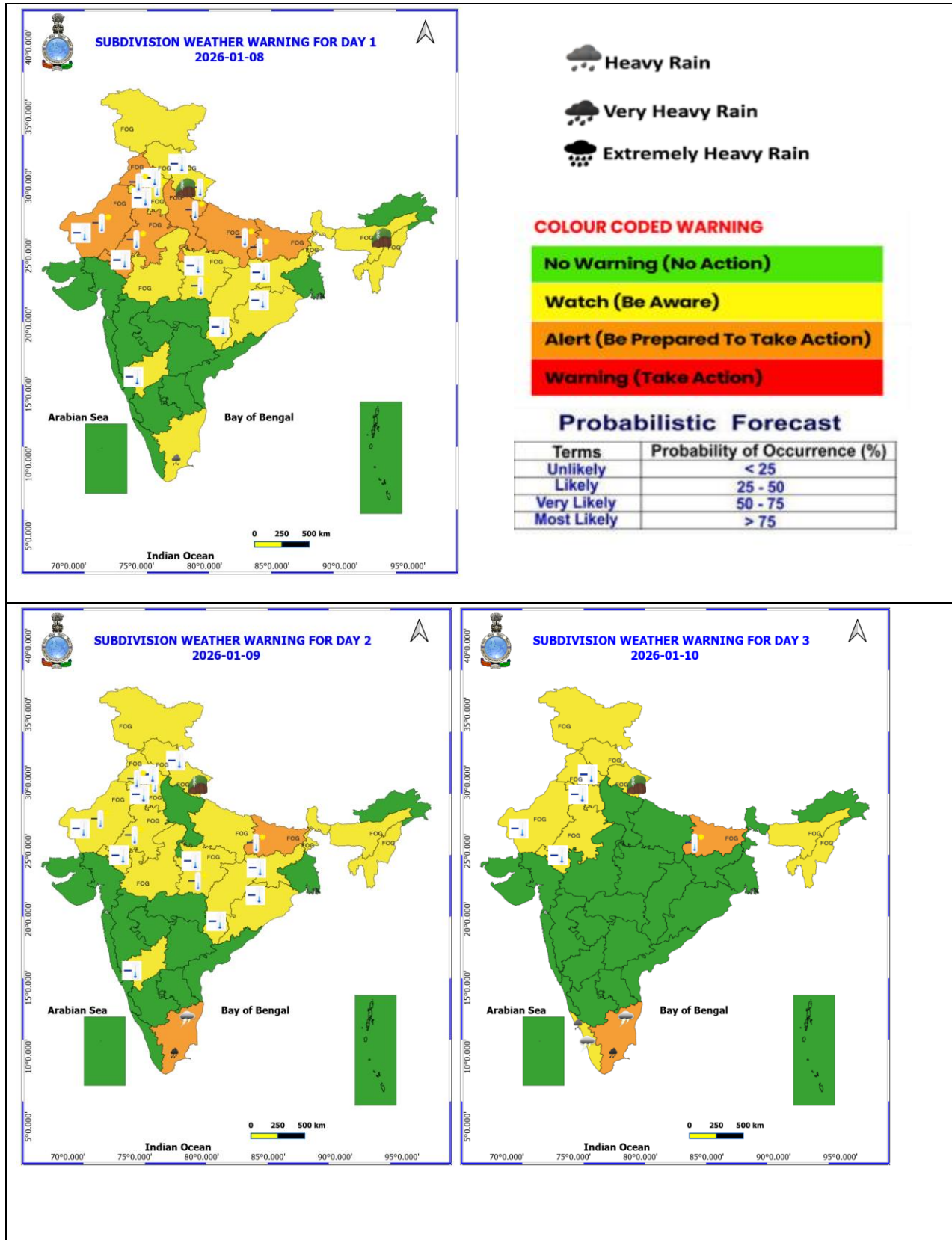
DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
 D: DEPRESSION (17-27 KT)
 DD: DEEP DEPRESSION (28-33 KT)
 CS: CYCLONIC STORM (34-47 KT)
 SCS: SEVERE CYCLONIC STORM (48-63KT)
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM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

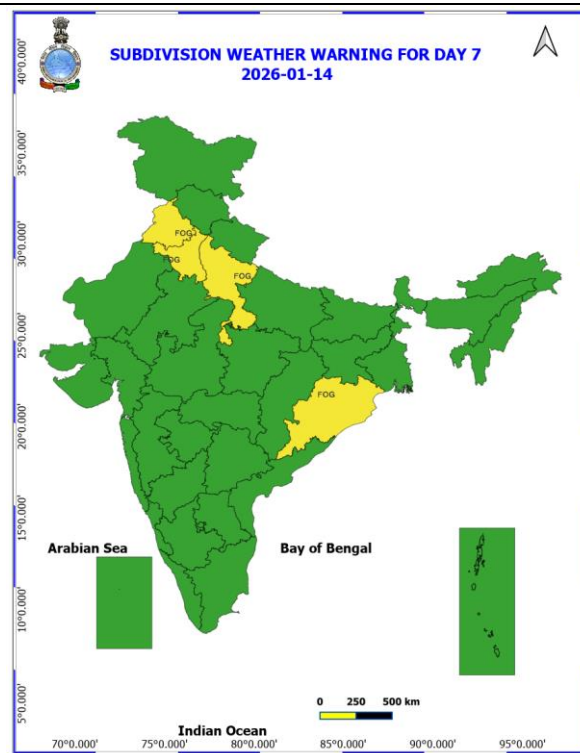
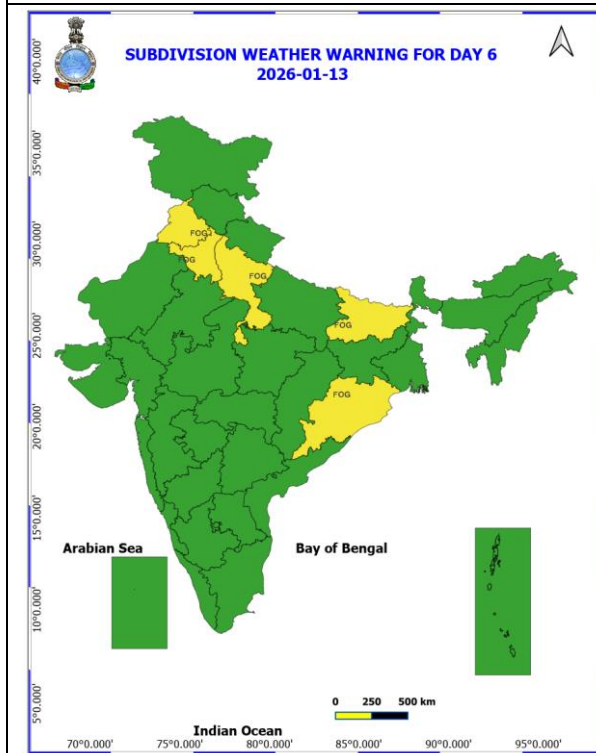
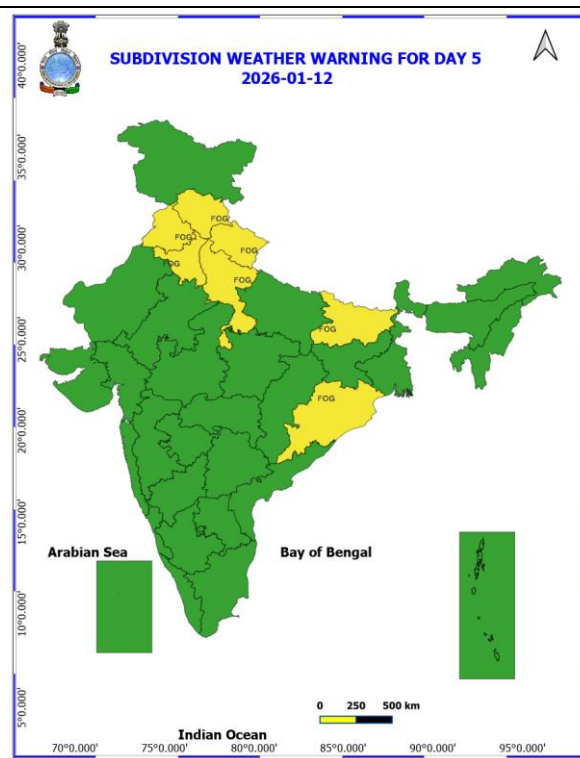
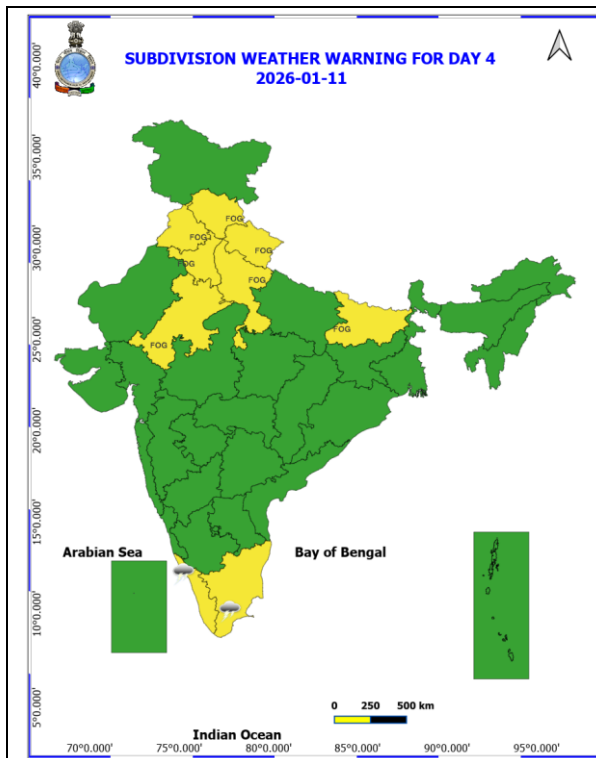
- LESS THAN 34 KT
- 34-47 KT
- \geq 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- ▲ CONE OF UNCERTAINTY
- AREA OF MAXIMUM SUSTAINED WIND SPEED:
- 28-33 KT (52-61 KMPH)
- 34-49 KT (62-91 KMPH)
- 50-63 KT (92-117 KMPH)
- \geq 64 KT (\geq 118 KMPH)

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
\geq 64 (\geq 118)	Phenomenal	Total suspension of fishing operations

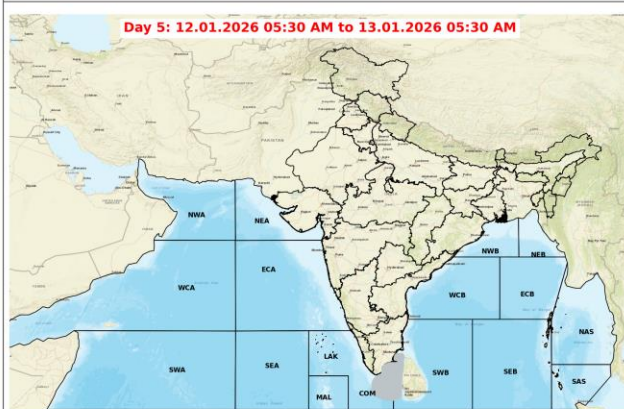
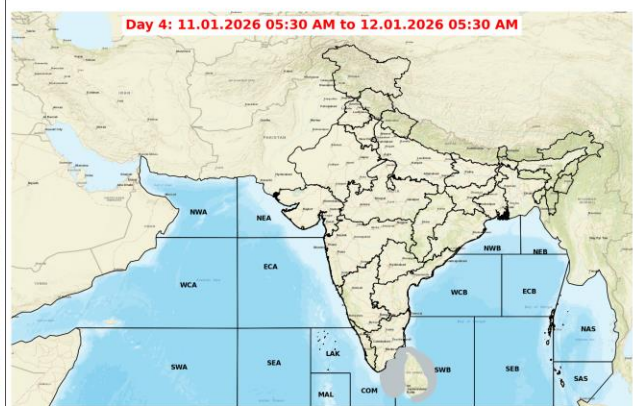
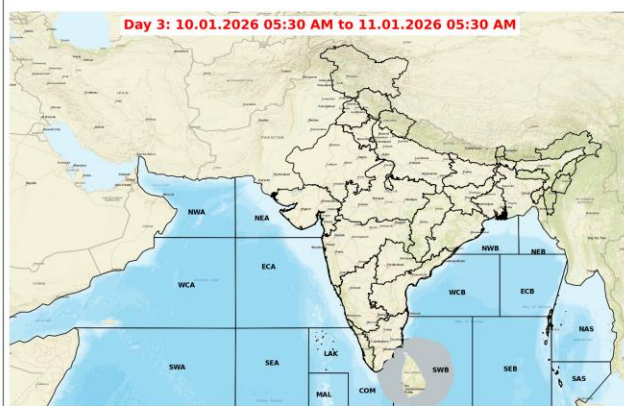
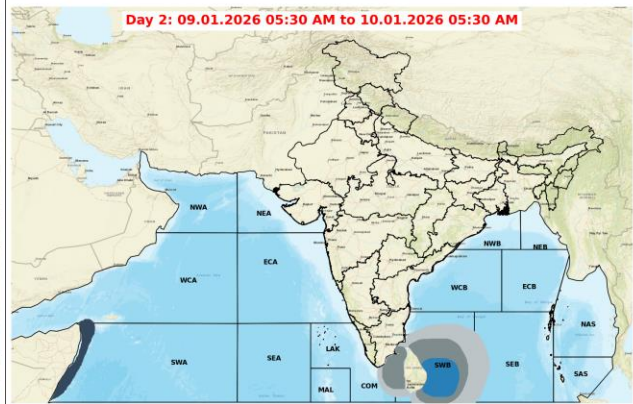
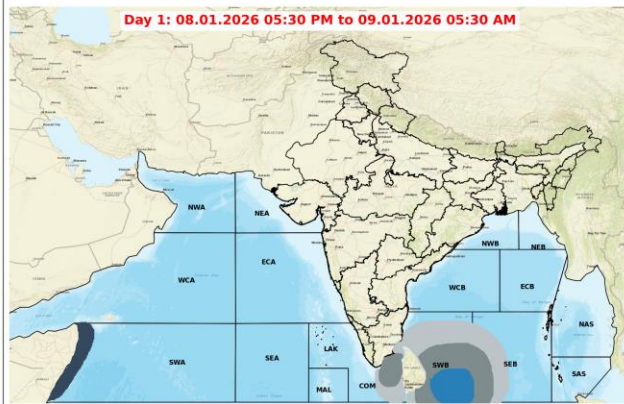
WARNING GRAPHICS





- 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.