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(Ministry of Earth Sciences)**

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

The deep depression over **southwest & adjoining areas of southeast Bay of Bengal and East Equatorial Indian Ocean** moved nearly west-northwestwards with a speed of 13 kmph during past 6 hours, and lay centred at 0830 hours IST of today, the 8th January, 2026 over **southwest Bay of Bengal and adjoining East Equatorial Indian Ocean**, near latitude 5.5°N and longitude 84.8°E, about 360 km east-southeast of Pottuvil (Sri Lanka), 410 km east-southeast of Hambantota (Sri Lanka), 420 km east-southeast of Batticaloa (Sri Lanka), 520 km southeast of Trincomalee (Sri Lanka), 810 km southeast of Karaikal (Puducherry) and 980 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 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
08.01.26/0830	5.5/84.8	50-60 gusting to 70	Deep Depression
08.01.26/1130	5.6/84.5	50-60 gusting to 70	Deep Depression

08.01.26/1730	5.8/83.9	50-60 gusting to 70	Deep Depression
08.01.26/2330	6.0/83.3	50-60 gusting to 70	Deep Depression
09.01.26/0530	6.2/82.6	50-60 gusting to 70	Deep Depression
09.01.26/1730	6.4/81.8	45-55 gusting to 65	Depression
10.01.26/0530	6.3/81.0	40-50 gusting to 60	Depression

Rainfall Warning:

- ❖ **Tamilnadu, Puducherry and Karaikal:** Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places is very likely over coastal Tamilnadu 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 likely to prevail till 10th morning. It would gradually decrease then, becoming 40-50 gusting to 60 kmph by 10th afternoon.

(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 on 10th January.

(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 from 9th morning to 10th 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 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 during 8th to 10th January 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 1430 hours IST of today, the 8th January, 2026.

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

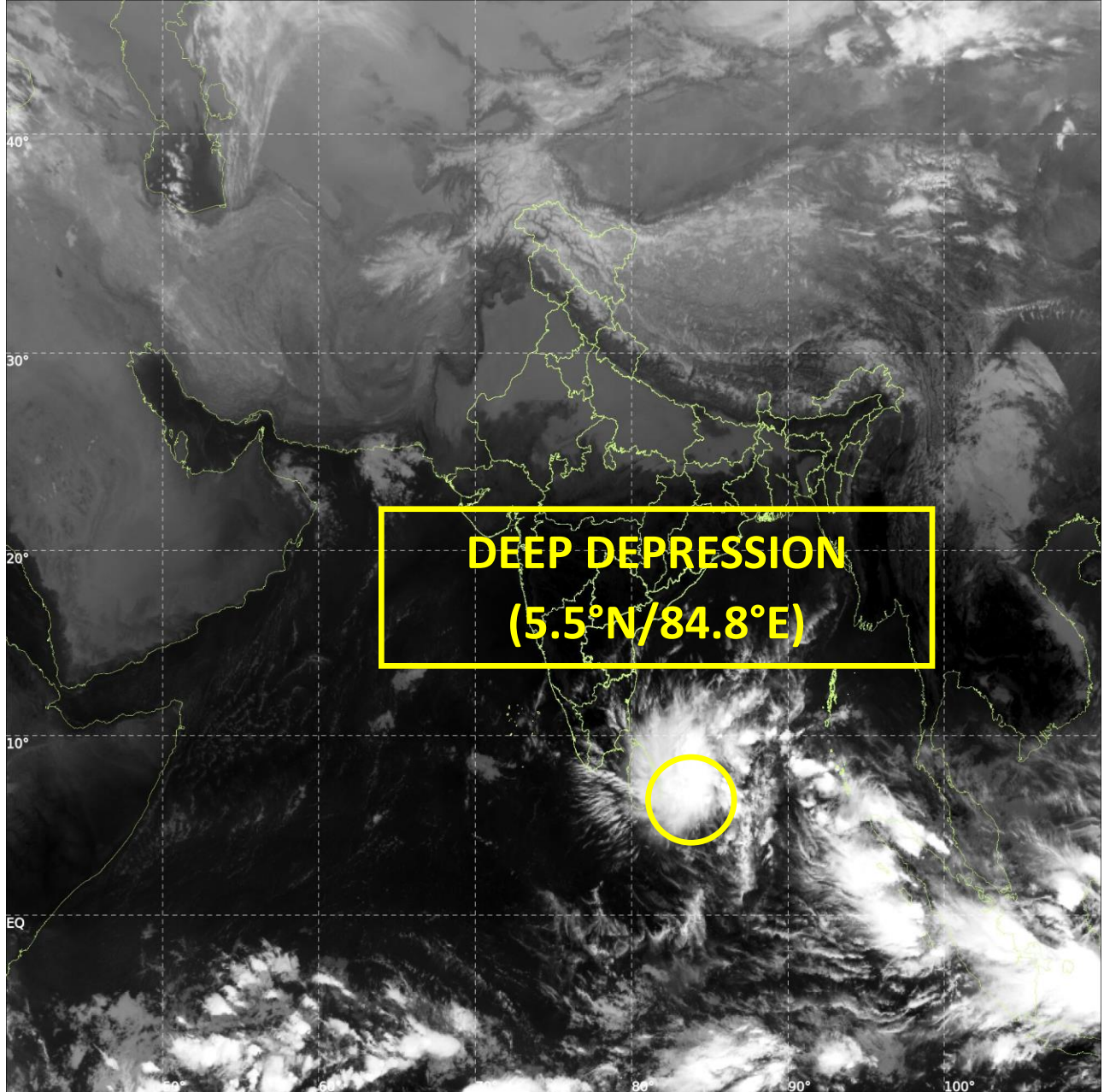
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Meteorological Centre Vijaya Puram/*



INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 μm
GMT:08-01-2026/(0430-0457) IST:08-01-2026/(1000-1027)
L1C MERCATOR (LINEAR STRETCH: 1%)

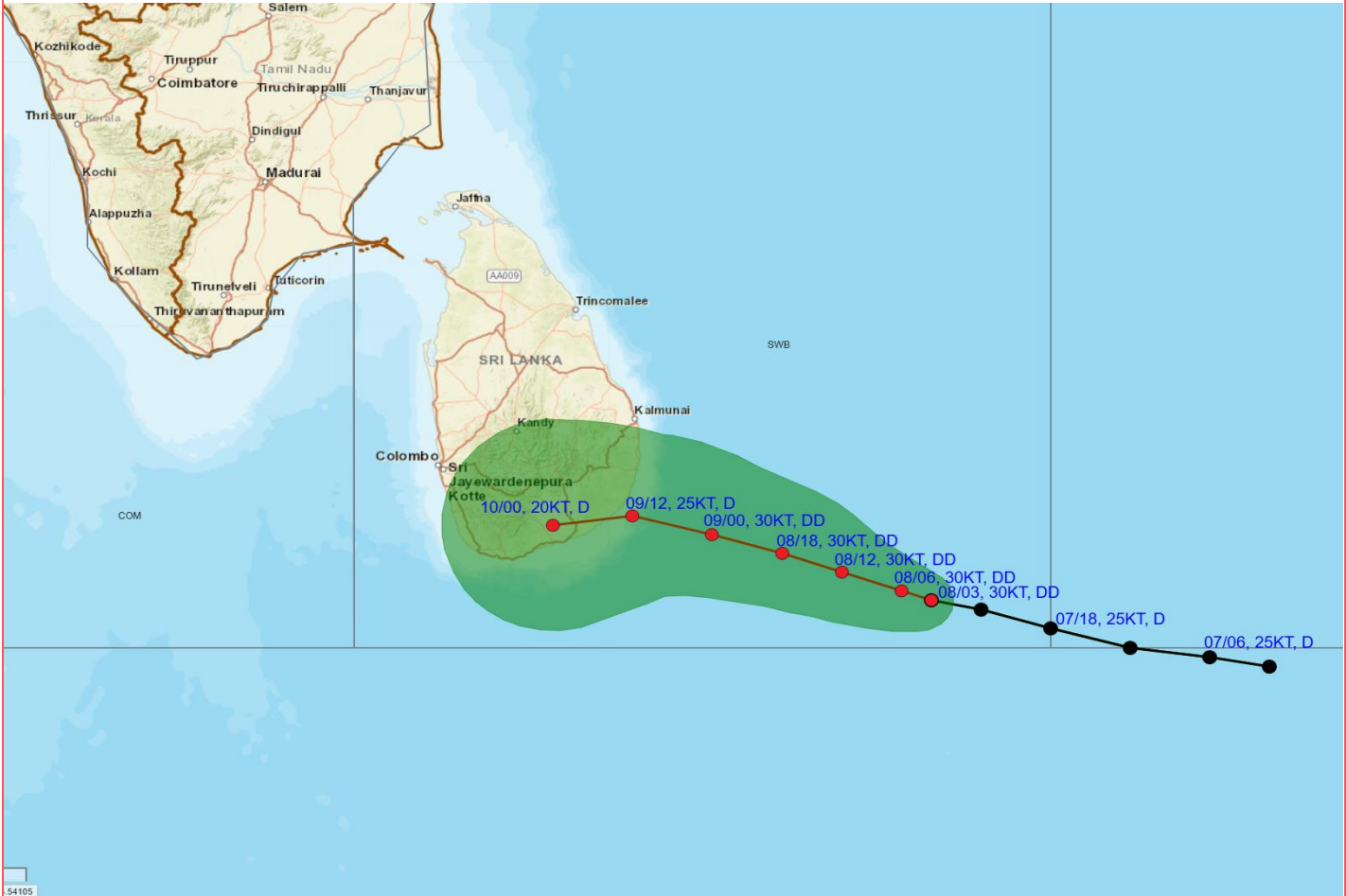
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OBSERVED AND FORECAST TRACK ALONGWITH CONE OF UNCERTAINTY OF DEEP DEPRESSION OVER SOUTHWEST BAY OF BENGAL & ADJOINING EAST EQUATORIAL INDIAN OCEAN BASED ON 0300 UTC (0830 Hrs. IST) OF 8TH JANUARY 2026.



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 (≥ 120 KT)

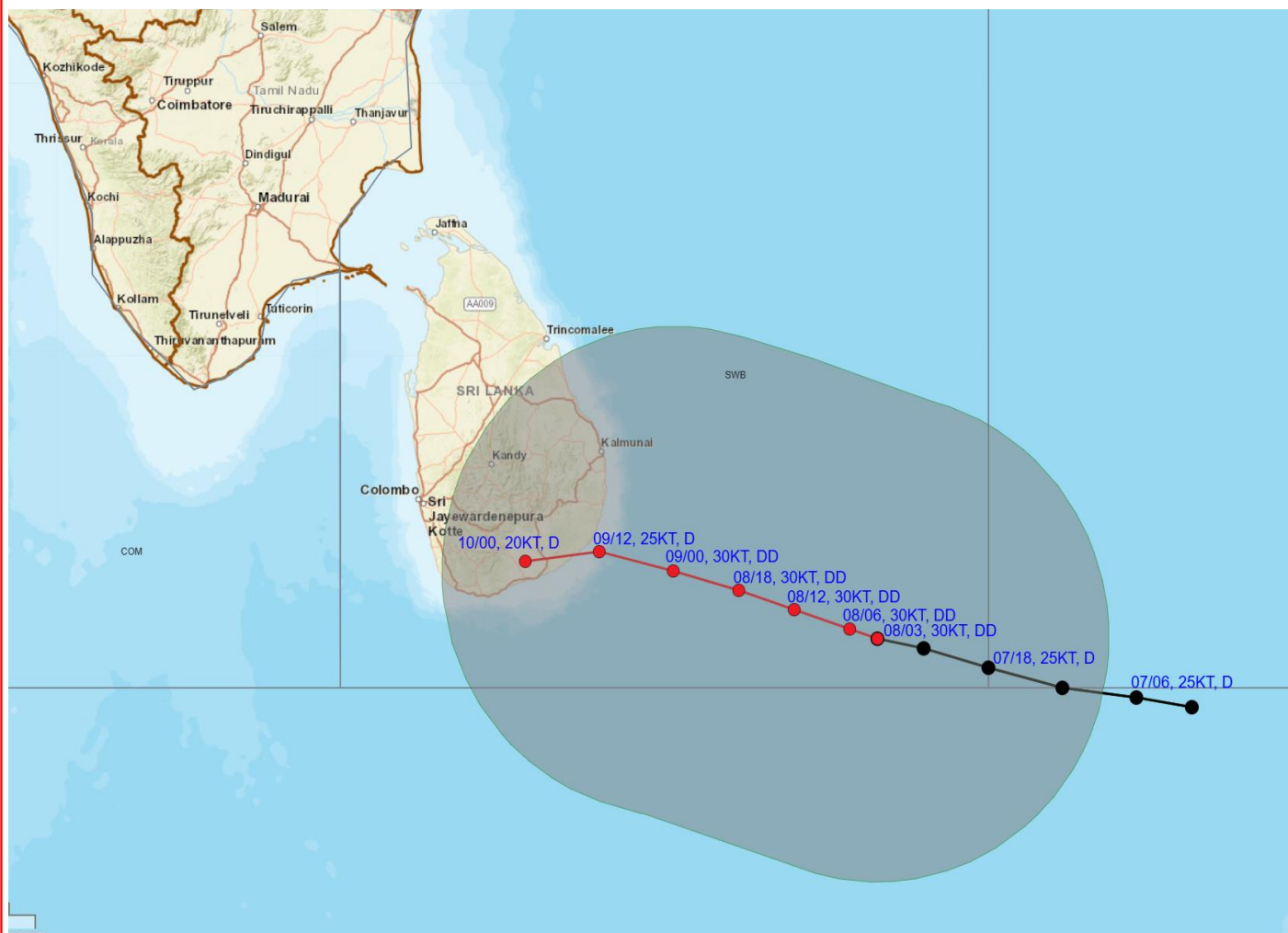
● LESS THAN 34 KT
● 34-47 KT
● ≥ 48 KT
— OBSERVED TRACK
— FORECAST TRACK
■ CONE OF UNCERTAINTY

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

Forecast Date and Time	Lead Period	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
08.01.26/0300	0	5.5	84.8	POTTUVIL (363,ESE)	HAMBANTOTA (412,E)	BATTICALOA (422,SE)	BADULLA (447,ESE)	BANDARAWELA (448,ESE)
08.01.26/0600	3	5.6	84.5	POTTUVIL (328,ESE)	HAMBANTOTA (377,E)	BATTICALOA (389,SE)	BADULLA (412,ESE)	BANDARAWELA (413,ESE)
08.01.26/1200	9	5.8	83.9	POTTUVIL (259,ESE)	HAMBANTOTA (308,E)	BATTICALOA (324,SE)	BADULLA (342,ESE)	BANDARAWELA (343,ESE)
08.01.26/1800	15	6.0	83.3	POTTUVIL (190,ESE)	HAMBANTOTA (240,E)	BATTICALOA (260,SE)	BADULLA (272,ESE)	BANDARAWELA (273,ESE)
09.01.26/0000	21	6.2	82.6	POTTUVIL (114,SE)	HAMBANTOTA (163,E)	BANDARAWELA (192,ESE)	BADULLA (192,ESE)	BATTICALOA (196,ESE)
09.01.26/1200	33	6.4	81.8	POTTUVIL (54,S)	HAMBANTOTA (80,ENE)	BANDARAWELA (102,ESE)	BADULLA (105,SE)	NUWARA ELIYA (131,ESE)



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION OVER SOUTHWEST BAY OF BENGAL & ADJOINING EAST EQUATORIAL INDIAN OCEAN BASED ON 0300 UTC (0830 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

AREA OF MAXIMUM SUSTAINED WIND SPEED:

■ 28-33 KT (52-61 KMPH)

■ 34-49 KT (62-91 KMPH)

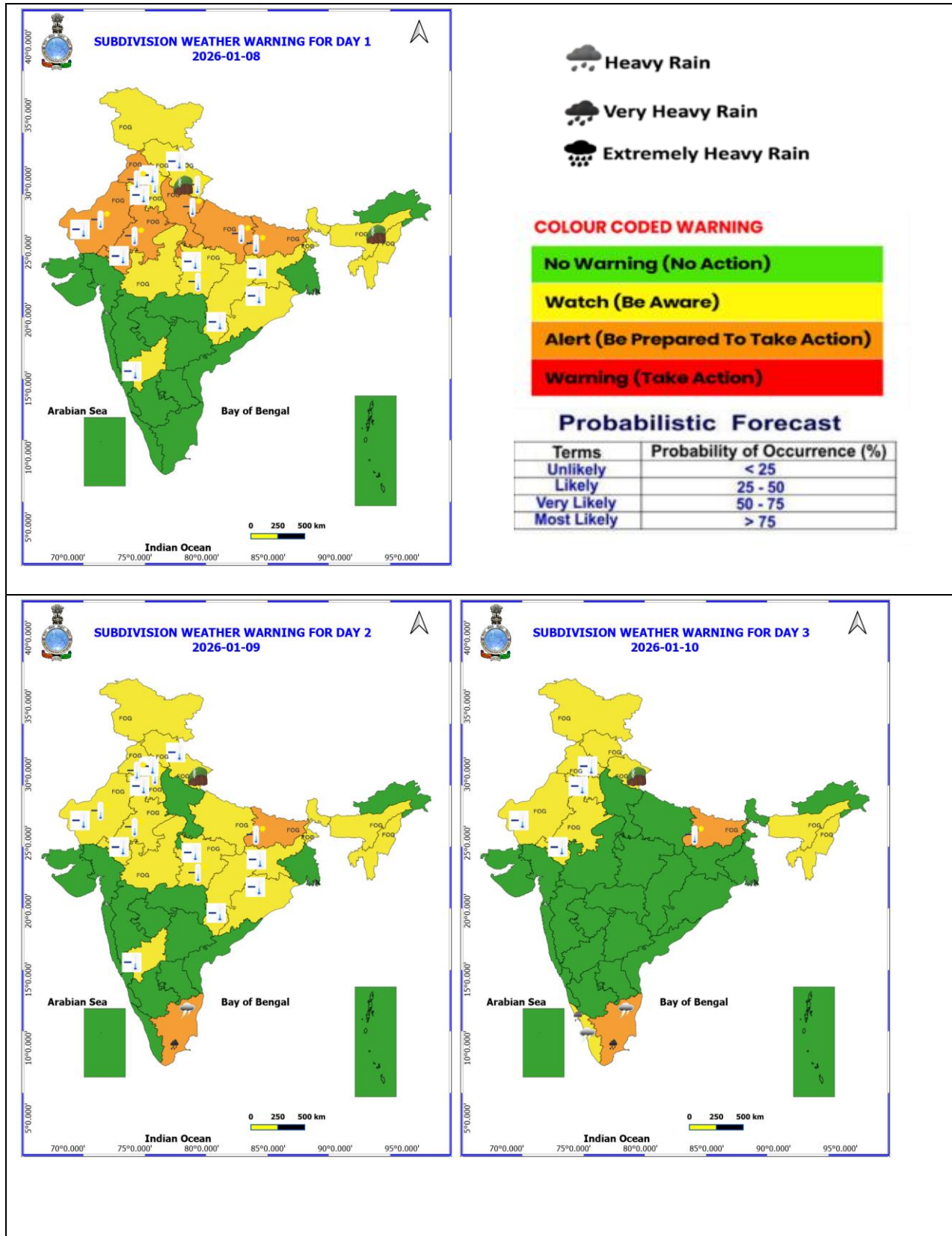
■ 50-63 KT (92-117 KMPH)

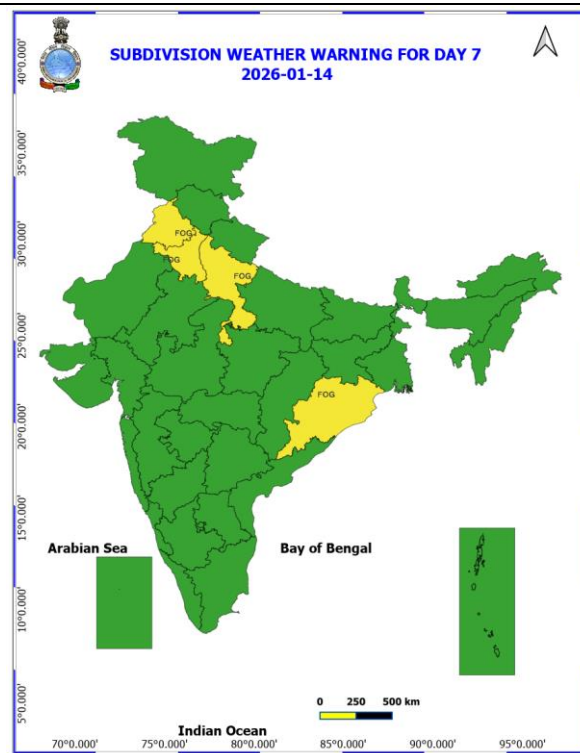
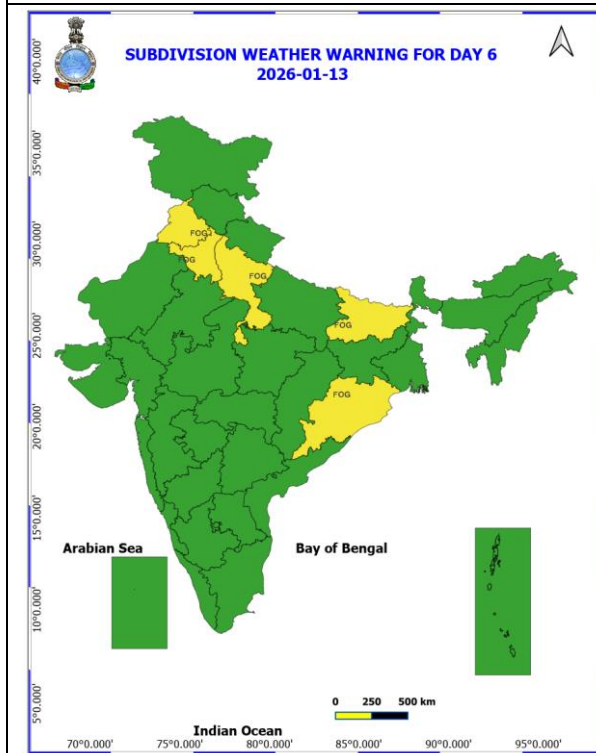
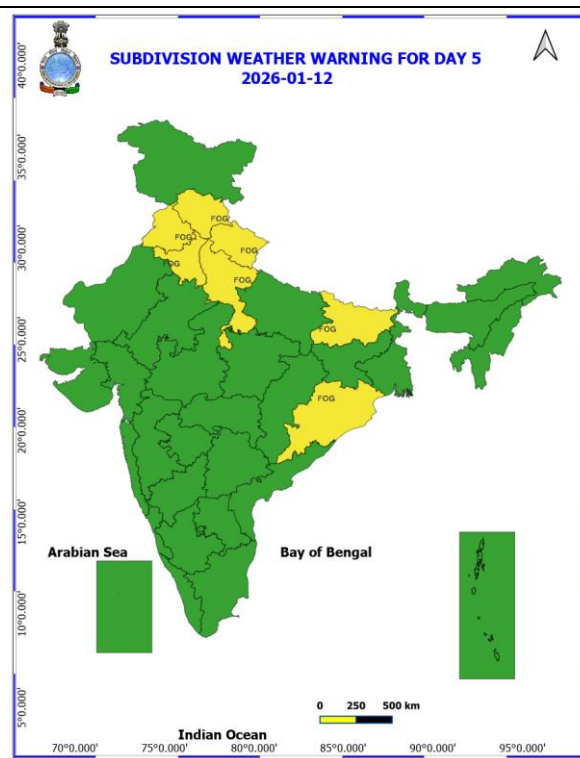
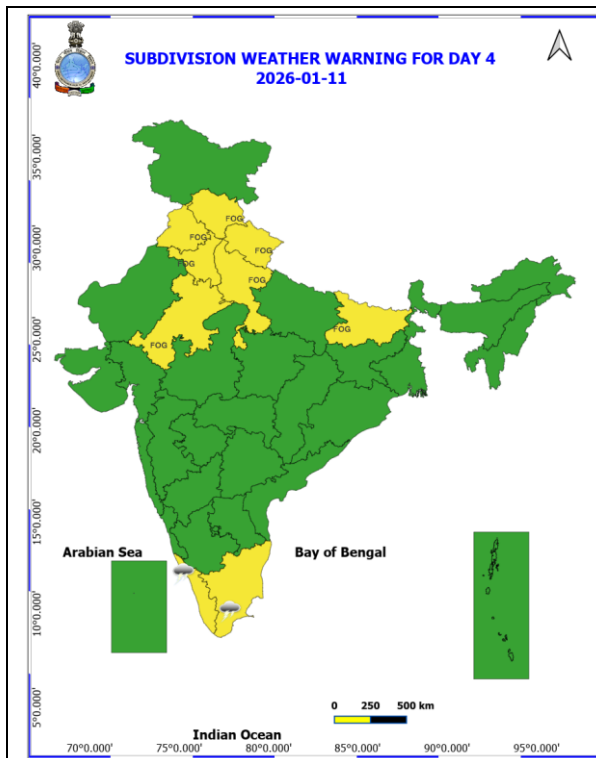
■ ≥ 64 KT (≥ 118 KMPH)

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

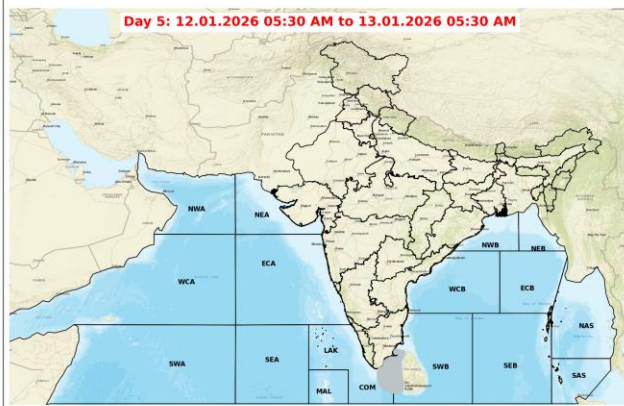
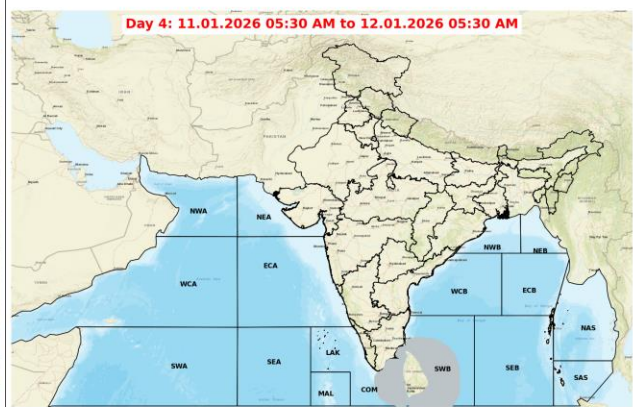
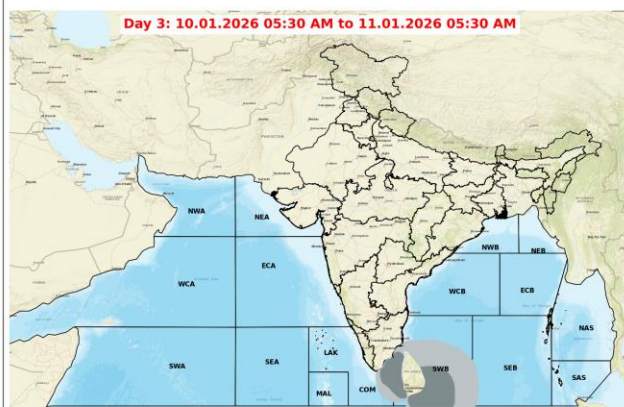
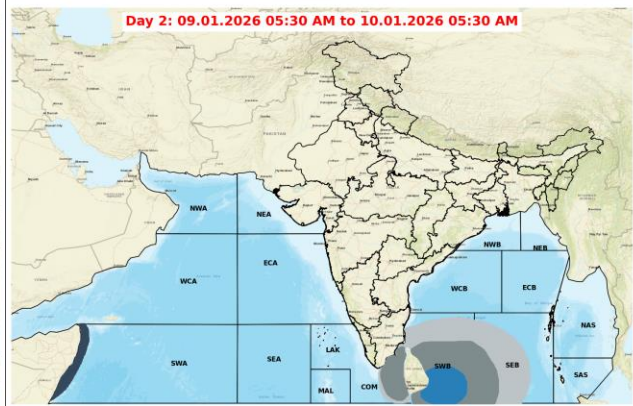
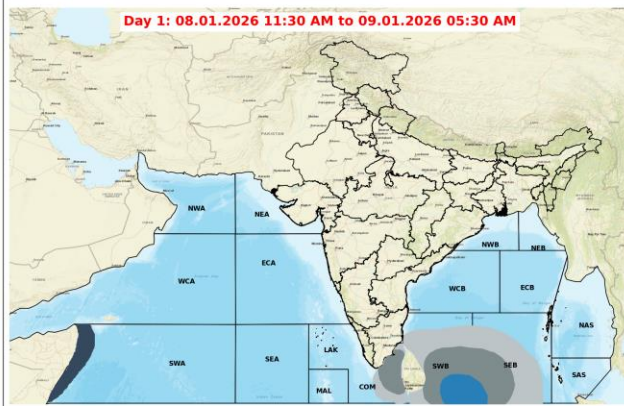
WEATHER WARNING GRAPHICS





- 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



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.