REGIONAL SPECIALISED METEOROLOGICAL CENTRE -TROPICAL CYCLONES, NEW DELHI
TROPICAL CYCLONE ADVISORY

DEMS-RSMC SPECIAL TROPICAL CYCLONES NEW DELHI DATED 27.11.2025
FROM: RSMC –TROPICAL CYCLONES, NEW DELHI
TO: STORM WARNING CENTRE, NAYPYI TAW (MYANMAR)
STORM WARNING CENTRE, BANGKOK (THAILAND)
STORM WARNING CENTRE, COLOMBO (SRILANKA)
STORM WARNING CENTRE, DHAKA (BANGLADESH)
STORM WARNING CENTRE, KARACHI (PAKISTAN)
METEOROLOGICAL OFFICE, MALE (MALDIVES)
OMAN METEOROLOGICAL DEPARTMENT,
MUSCAT (THROUGH RTH JEDDAH)
YEMEN METEOROLOGICAL SERVICES,
REPUBLIC OF YEMEN (THROUGH RTH JEDDAH)
NATIONAL CENTRE FOR METEOROLOGY, UAE (THROUGH RTH JEDDAH)
PRESIDENCY OF METEOROLOGY AND ENVIRONMENT,
SAUDI ARABIA (THROUGH RTH JEDDAH)
IRAN METEOROLOGICAL ORGANISATION, (THROUGH RTH JEDDAH)
QATAR METEOROLOGICAL DEPARTMENT (THROUGH RTH JEDDAH)

TROPICAL CYCLONE ADVISORY NO. 14 FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 120 HOURS ISSUED AT 1830 UTC OF 27.11.2025 BASED ON 1500 UTC OF 27.11.2025

A) Cyclonic Storm Ditwah [Pronunciation: Ditwah] over coastal Sri Lanka & adjoining southwest Bay of Bengal: and (B) Depression [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca and adjoining Malaysia.

(A) Cyclonic Storm Ditwah [Pronunciation: Ditwah] over coastal Sri Lanka & adjoining southwest Bay of Bengal

The Cyclonic Storm Ditwah [Pronunciation: Ditwah] over coastal Sri Lanka and adjoining southwest Bay of Bengal moved north-northwestwards with the speed of 13 kmph during past 6 hours and lay centered at 1500 UTC of today, the 27th November 2025 over the same region, near latitude 7.7°N and longitude 81.5°E, about 20 km southwest of Batticaloa (43475), 100 km south-southeast of Trincomalee (43418), 180 km north-northeast of Hambantota (43436), 510 km south-southeast of Puducherry (43331) and 610 km south-southeast of Chennai (43279).

It is very likely to continue to move north-northwestwards across Sri Lanka coast & adjoining southwest Bay of Bengal and reach over southwest Bay of Bengal near North Tamil Nadu, Puducherry and adjoining south Andhra Pradesh coasts by 2100 of 30th November.

Cloud distribution: (a) Isolated: <25%, Scattered:25-50%, Broken: 51-75%, Solid:>75%, Convection Intensity: (a) Weak: Cloud Top Temperature(CTT)>-25°C, (b) Moderate: CTT:-25°Cto-40°C, (c) Intense: CTT: -41°Cto -70°C and (d) Very Intense::Less than -70°C
Probability of cyclogenesis (formation of depression) :NIL:0%, LOW:1-33%, MODERATE:34-66% and HIGH:67-100%
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Forecast track and intensity are given in Table below

Date/Time (UTC)	Position (Lat. °N/ Long. °E)	Maximum Sustained Surface Wind Speed (Kmph)	Category Of Cyclonic Disturbance
27.11.25/1500	7.7/81.5	60-70 gusting to 80	Cyclonic Storm
27.11.25/1800	8.0/81.3	65-75 gusting to 85	Cyclonic Storm
28.11.25/0000	8.4/81.1	70-80 gusting to 90	Cyclonic Storm
28.11.25/0600	8.9/80.9	70-80 gusting to 90	Cyclonic Storm
28.11.25/1200	9.3/80.8	75-85 gusting to 95	Cyclonic Storm
29.11.25/0000	10.2/80.6	80-90 gusting to 100	Cyclonic Storm
29.11.25/1200	11.0/80.5	80-90 gusting to 100	Cyclonic Storm
30.11.25/0000	11.7/80.4	70-80 gusting to 90	Cyclonic Storm
30.11.25/1200	12.4/80.3	70-80 gusting to 90	Cyclonic Storm
01.12.25/0000	13.0/80.4	60-70 gusting to 80	Cyclonic Storm
01.12.25/1200	13.7/80.6	55-65 gusting to 75	Deep Depression

As per INSAT 3DS at 1500 UTC, the clouds are organized in curved band pattern. Intensity of the system is characterized as T2.5. Intense convection is seen over Southwest Bay of Bengal and Sri Lanka. The associated scattered to broken low and medium clouds with embedded intense to very intense convection lay over southwest Bay of Bengal & adjoining Equatorial Indian Ocean, Sri Lanka, Comorin area, Palk Strait & Gulf of Mannar, south Kerala & Tamil Nadu (minimum CTT minus 70-90 degree Celsius).

The estimated central pressure is about 1001 hPa. The associated maximum sustained wind speed is about 35 knots gusting upto 45 knots. Sea condition is High over southwest Bay of Bengal and adjoining coastal areas of East Sri Lanka.

Strom surge warning: Storm surge of height about 1.0 to 1.5m above the astronomical tide is likely to inundate low lying areas of north Sri Lanka till 29th/ 0600 UTC.

(B) Depression [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca*

The Depression [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca moved nearly eastwards with a speed of 17 kmph in past 6 hours and lay centred at 1500 UTC of today, the 27th November 2025 over the Strait of Malacca & adjoining Malaysia near latitude 3.6°N and longitude 100.9°E, about 210 km south-southeast of George Town (43041), 450 km east-southeast of Kuta Makmur (42876), 950 km east-southeast of Nancowry (43382) and 1090 km southeast of Car Nicobar (43367).

It is very likely to move nearly eastwards and weaken into a well marked low pressure area during next 12 hours.

As per INSAT 3DS at 1500 UTC, the intensity is characterized as T2.0. Associated scattered to broken low and medium clouds with embedded intense to very intense convection lay over South Andaman Sea and adjoining Southeast Bay of Bengal & adjoining Equatorial Indian Ocean, north Sumatra, Strait of Malacca and minimum cloud top temperature is minus 70-90 degree Celsius.

The estimated central pressure is about 1004 hPa. The associated maximum sustained wind speed is about 25 knots gusting upto 35 knots.

REMARKS:

The guidance from various models indicates that the Madden Julian Oscillation (MJO) index is presently in phase 7 with amplitude more than 1 and is likely to continue in same phase during next 5 days. The sea surface temperature is around 28^{0}C over southwest Bay of Bengal and along & off Sri Lanka, Tamil Nadu & South Andhra Pradesh coast along the forecast track. The

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sea surface temperature is around 28^0C over south Andaman Sea adjoining Malacca Strait and southeast Bay of Bengal (BoB).

The guidance from NCICS model indicates westerly wind anomaly (7-9 mps) alongwith prevalence of Equatorial Rossby Wave (ERW), low frequency background wave (LW) over the southern parts of the Southwest BoB and adjoining southeast Arabian Sea (AS) and easterly wind anomaly (3-5 mps) to its north over southwest BoB off Tamil Nadu coast during 27^{th} to 28^{th} November. Kelwin wave (KW) is also approaching from west. Similar features are likely to continue till 1^{st} December. These features indicate that equatorial waves would contribute to further intensification of system.

(a) Cyclonic Storm over coastal Sri Lanka & adjoining southwest Bay of Bengal: The low level relative vorticity at 850 hPa is about 150×10^{-6} s^{-1} over coastal Sri Lanka and adjoining southwest Bay of Bengal. Vertically, the positive vorticity zone is extending up to 200hPa. Upper-level divergence has increased and is around 30×10^{-6} s^{-1} over Comorin Area to the west of system centre. Low-level convergence around 10×10^{-6} s^{-1} over southwest Bay of Bengal and adjoining Sri Lanka. Vertical wind shear (VWS) of horizontal wind is low (10-15 kt) over the system area.

There is good consensus among various models wrt to further intensification of the system into a cyclonic storm and nearly north-northwestwards movement of the system very close to Sri Lanka coast towards Tamil Nadu-Andhra Pradesh coasts. However, models are also indicating weakening of the system from 30^{th} November onwards.

(b)Depression over strait of Malacca: The low level relative vorticity at 850 hPa has decreased and is about 50-60 $\times 10^{-6}$ s^{-1} over Malacca Strait and adjoining areas and vertically extending upto 500 hPa. Upper-level divergence has decreased and is around 20×10^{-6} s^{-1} over Indonesia & adjoining Equatorial Indian Ocean and Malacca Strait. Low-level convergence is around 20-30×10^{-6} s^{-1} over Indonesia & adjoining Malacca Strait and south Andaman Sea. Mid-level vertical wind shear (VWS) of horizontal wind is high (>20 kt) over Malacca Strait. Upper tropospheric ridge runs along 13°N across the BoB. Most of the models are indicating weakening of the system during next 12 hours over Malacca Strait.

(i) Confidence level in estimation of current location of Deep Depression: High
(ii) Confidence level in estimation of estimation of current intensity: High
(iii) Confidence level in forecast intensity: High
(iv) Confidence level in forecast track: High

Umasankar Das
Scientist-D, RSMC, New Delhi

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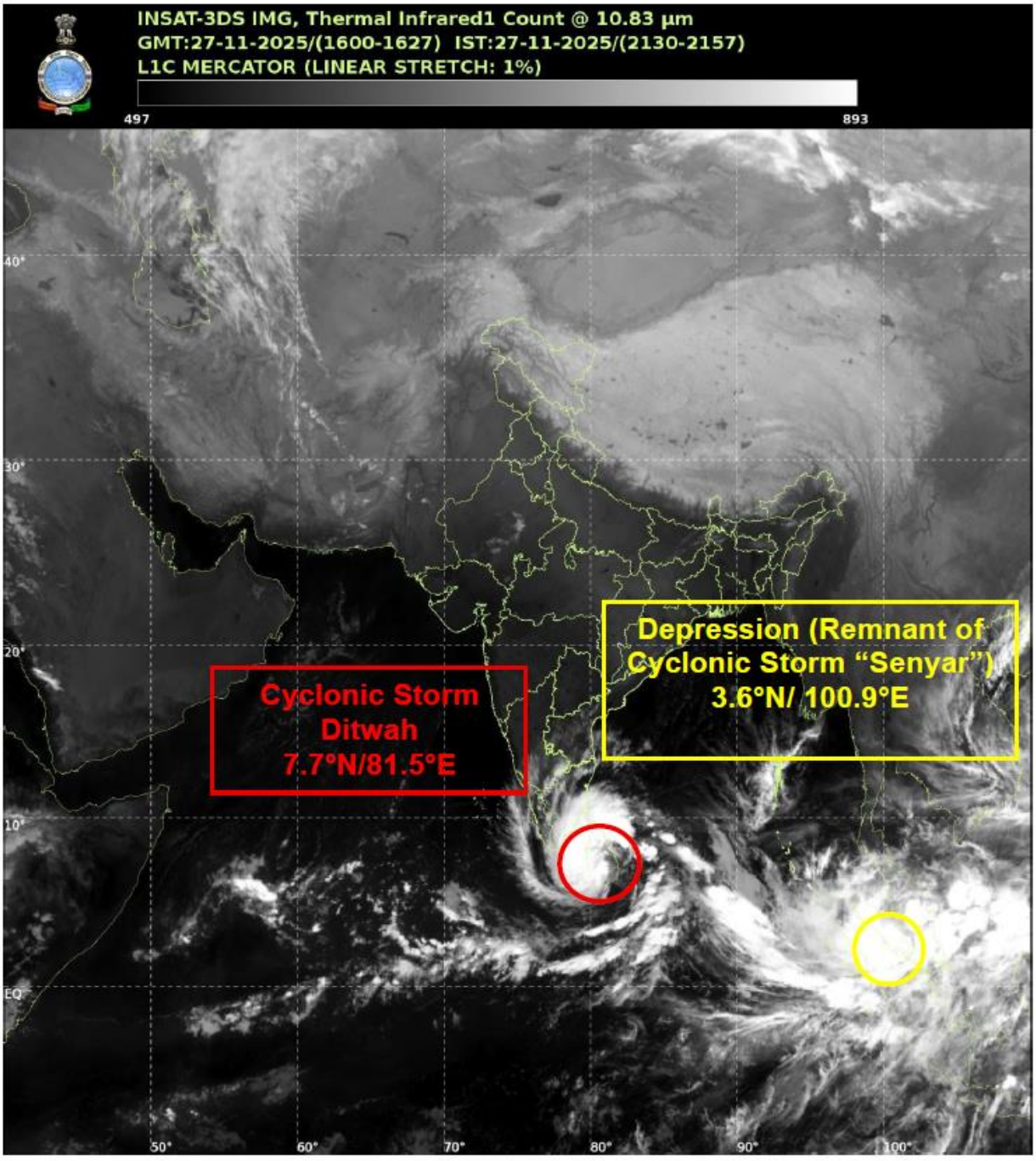

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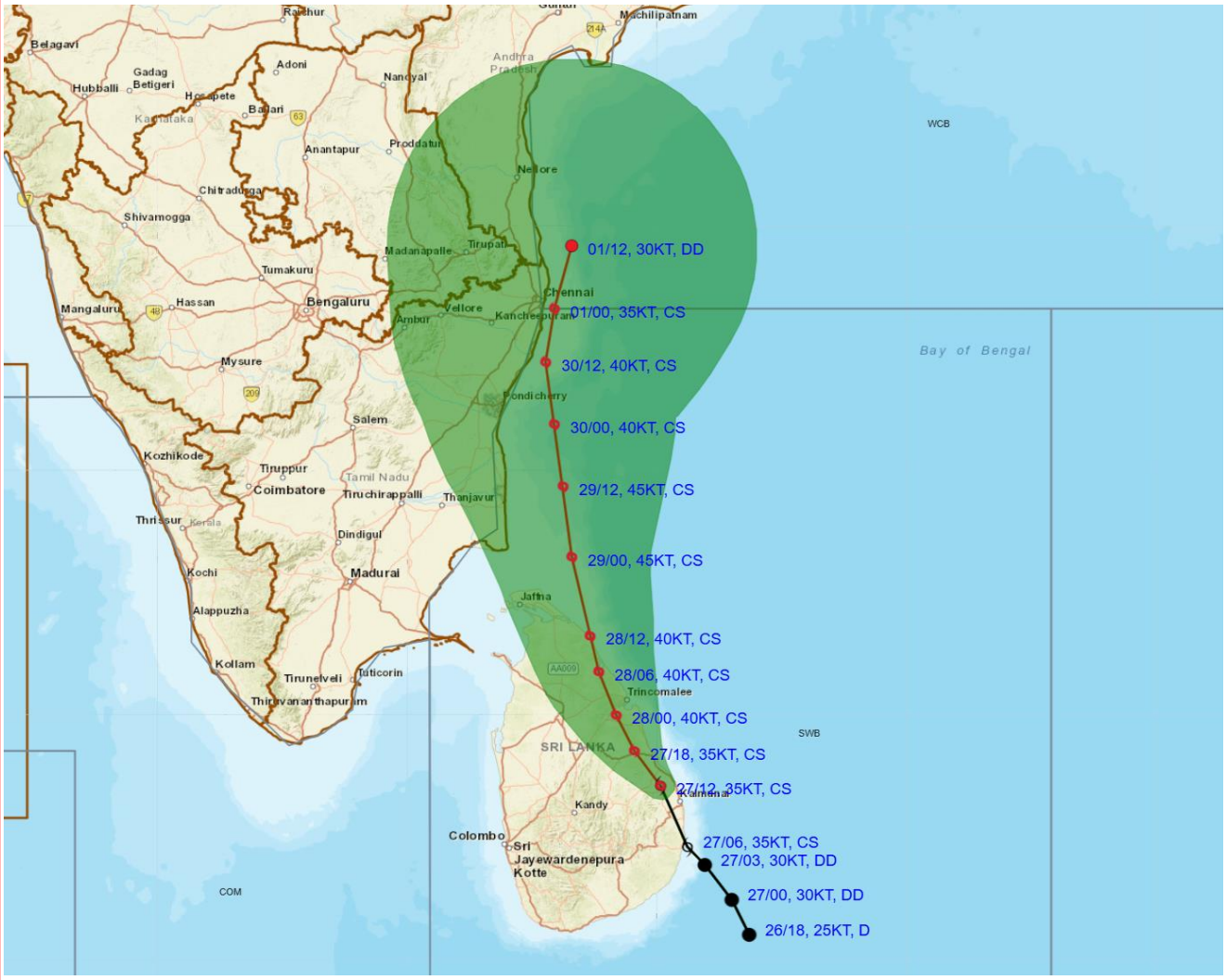
OBSERVED AND FORECAST TRACK OF CYCLONIC STORM "DITWAH" OVER SOUTHWEST BAY OF BENGAL AND ADJOINING SRI LANKA BASED ON 1200 UTC (1730 Hrs. IST) OF 27TH NOVEMBER 2025



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

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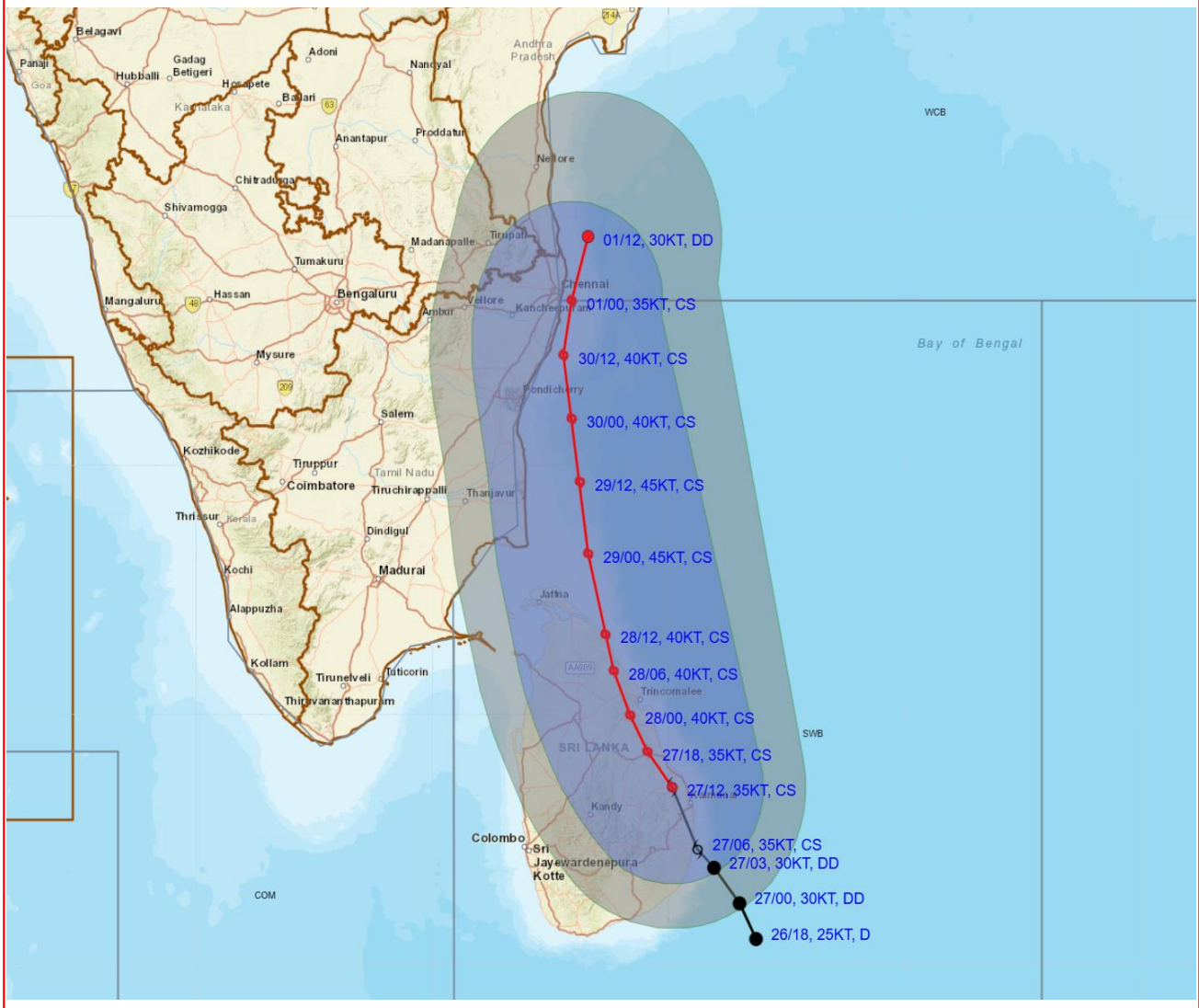
OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF CYCLONIC STORM "DITWAH" OVER SOUTHWEST BAY OF BENGAL AND ADJOINING SRI LANKA BASED ON 1200 UTC (1730 Hrs. IST) OF 27th NOVEMBER 2025



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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

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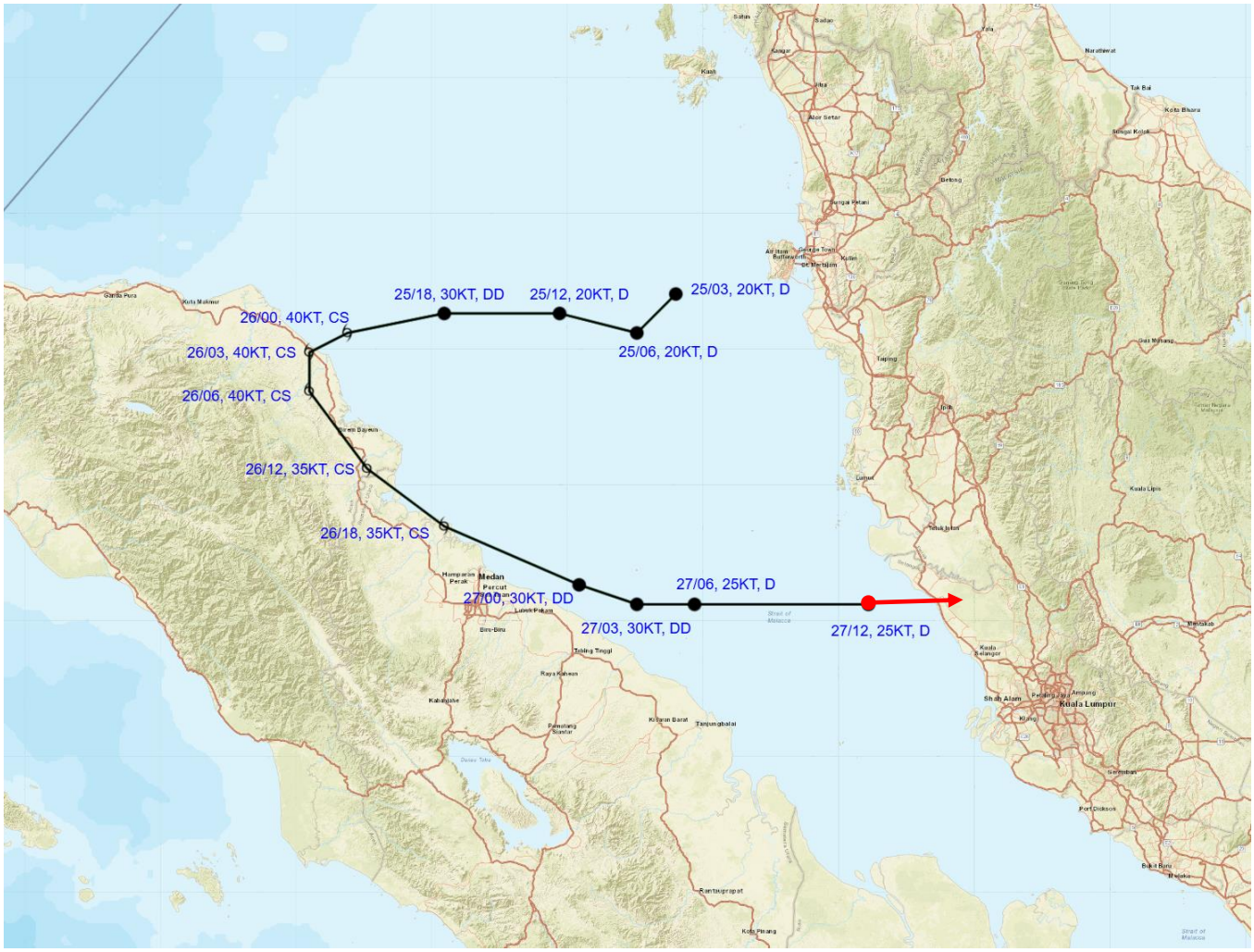
OBSERVED AND FORECAST TRACK OF DEPRESSION (REMANANT OF CYCLONIC STORM "SENYAR") OVER STRAIT OF MALACCA AND ADJOINING MALAYSIA BASED ON 1200 UTC (1730 Hrs. IST) OF 27TH NOVEMBER 2025



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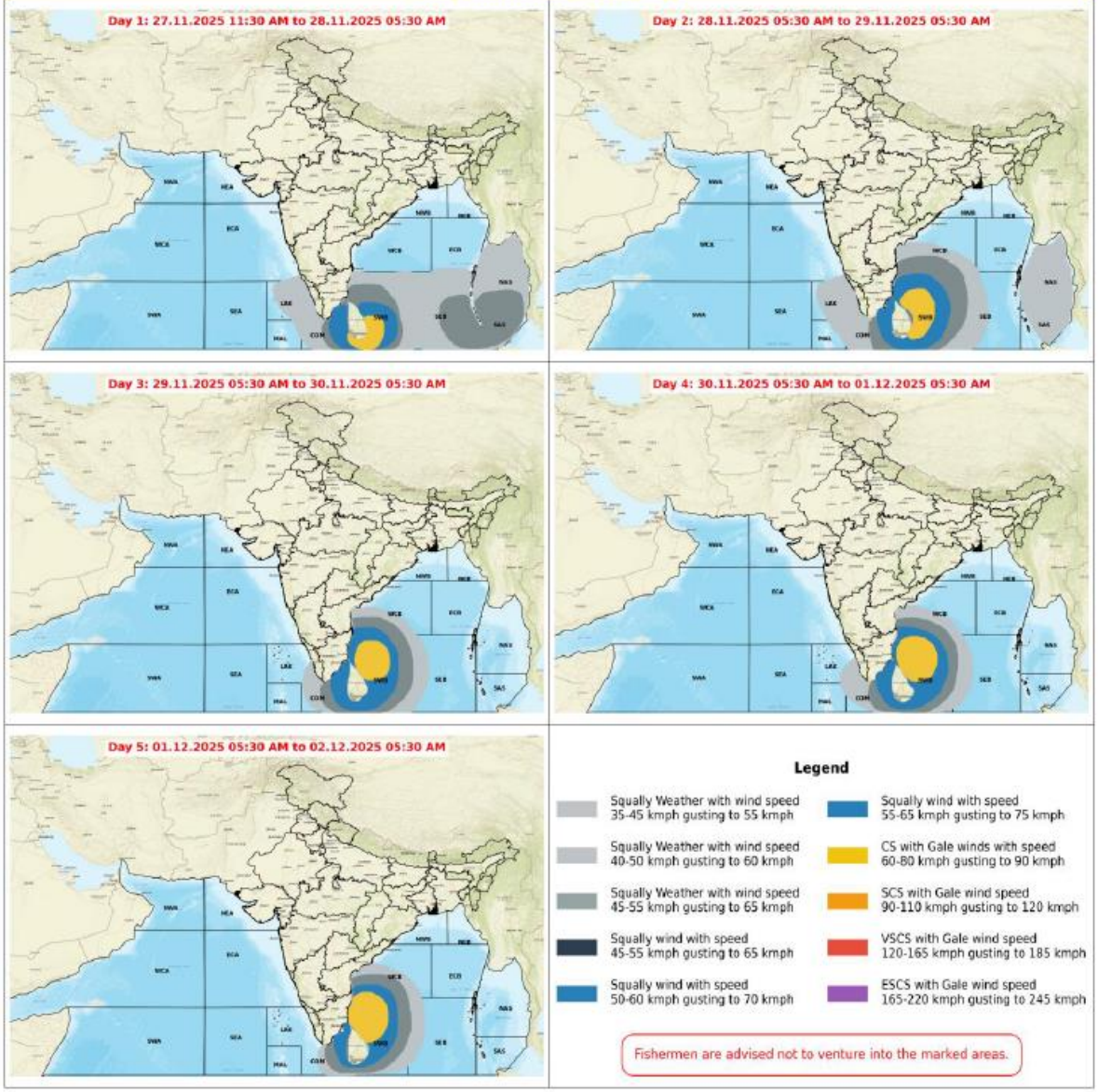
Fishermen Warning Graphics



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