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. 15 FOR NORTH INDIAN OCEAN (THE BAY OF BENGAL AND ARABIAN SEA) VALID FOR NEXT 120 HOURS ISSUED AT 2000 UTC OF 27.11.2025 BASED ON 1800 UTC OF 27.11.2025

A) Cyclonic Storm Ditwah [Pronunciation: Ditwah] over coastal Sri Lanka & adjoining southwest Bay of Bengal: and (B) Well Marked Low Pressure Area [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 northwestwards with the speed of 8 kmph during past 6 hours and lay centered at 1800 UTC of today, the 27th November 2025 over the same region, near latitude 7.9°N and longitude 81.3°E, about 8 km northwest of Batticaloa (43475), 80 km south of Trincomalee (43418), 200 km north-northeast of Hambantota (43436), 480 km south-southeast of Puducherry (43331) and 580 km south-southeast of Chennai (43279).

It is very likely 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.

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
27.11.25/1800	7.9/81.3	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
28.11.25/1800	9.7/80.7	80-90 gusting to 100	Cyclonic Storm
29.11.25/0600	10.6/80.5	80-90 gusting to 100	Cyclonic Storm
29.11.25/1800	11.4/80.4	70-80 gusting to 90	Cyclonic Storm
30.11.25/0600	12.0/80.3	70-80 gusting to 90	Cyclonic Storm
30.11.25/1800	12.7/80.4	65-75 gusting to 85	Cyclonic Storm
01.12.25/0600	13.4/80.5	55-65 gusting to 75	Deep Depression

As per INSAT 3DS at 1800 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 Sri Lanka, Comorin area, Palk Strait & Gulf of Mannar (minimum CTT minus 70-90 degree Celsius) and moderate to intense intense convection over Kerala & Tamil Nadu, Comorin area (minimum CTT minus 40-70 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) Well marked low pressure area [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca

The Depression [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca has weakened into a well-marked low-pressure area at 1800 UTC of today, the 27th November 2025 over the over the same region. It is very likely to move nearly eastwards and weaken gradually into a low-pressure area during next 12 hours.

As per INSAT 3DS at 1800 UTC, the well marked low pressure area over the land of Malaysia adjoining Strait of Malacca centered near 3.7N / 101.2E. Associated scattered to broken low and medium clouds with embedded intense to very intense convection lay over Sumatra, Strait of Malacca & Malay Penisula and minimum cloud top temperature is minus 70-90 degree Celsius.

N. B. This is the last update association with the well-marked low pressure area [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca & adjoining Malaysia. However regular Tropical Weather Outlook shall be issued by Regional Specialised Meteorological-Tropical Cyclone New Delhi henceforth.

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 28^0C over southwest Bay of Bengal and along & off Sri Lanka, Tamil Nadu & South Andhra Pradesh coast along the forecast track. The 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 27th to 28th November. Kelwin wave (KW) is also approaching from west. Similar features are likely to continue till 1st December. These features indicate that equatorial waves would contribute to further intensification of system.

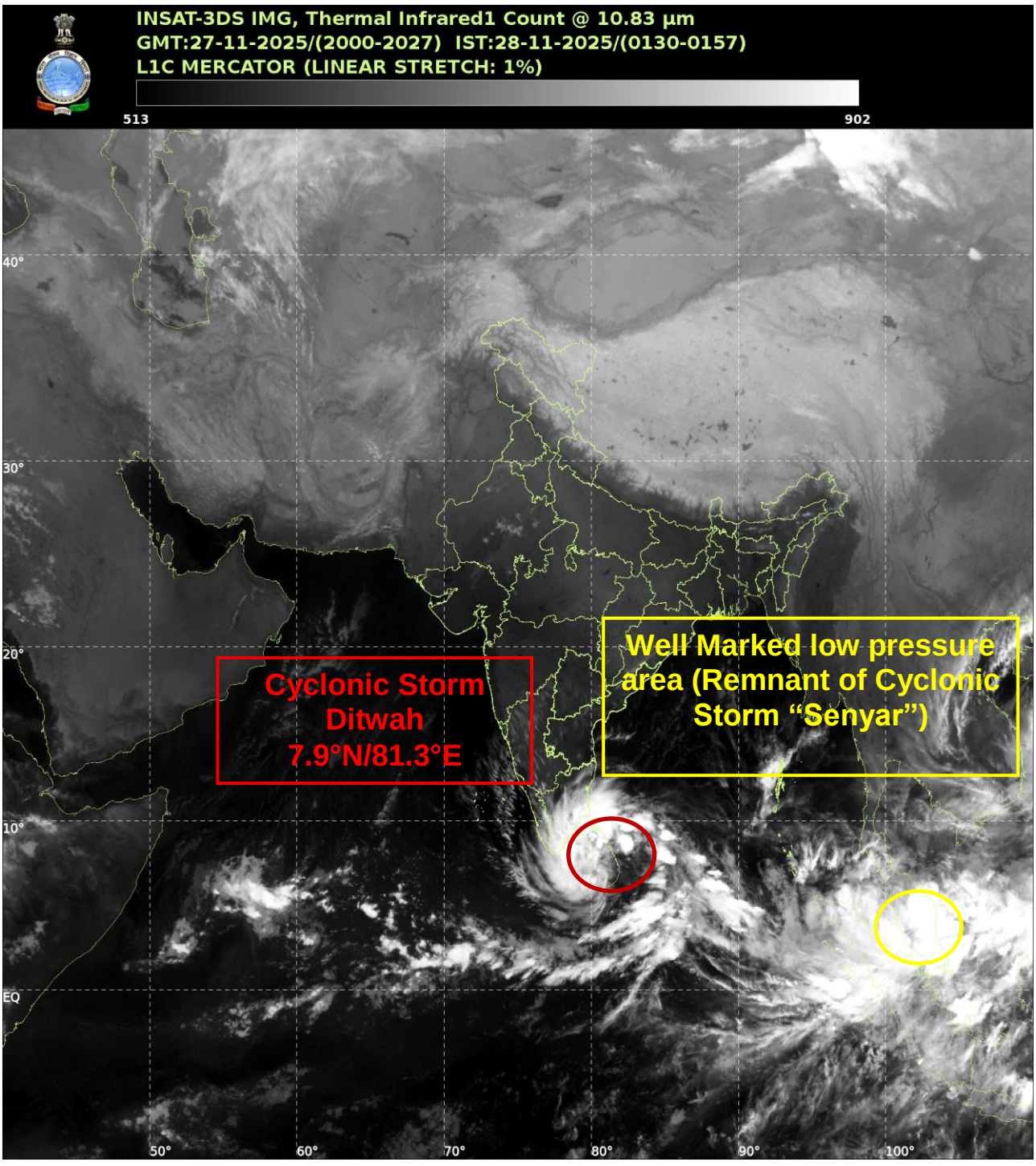
(a) Cyclonic Storm over coastal Sri Lanka & adjoining southwest Bay of Bengal: The low level relative vorticity at 850 hPa is about 150×10^{-6} s^{-1} over coastal Sri Lanka and adjoining southwest Bay of Bengal. Vertically, the positive vorticity zone is extending up to 200hPa. Upper-level divergence 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 (10-20 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 30th November onwards.

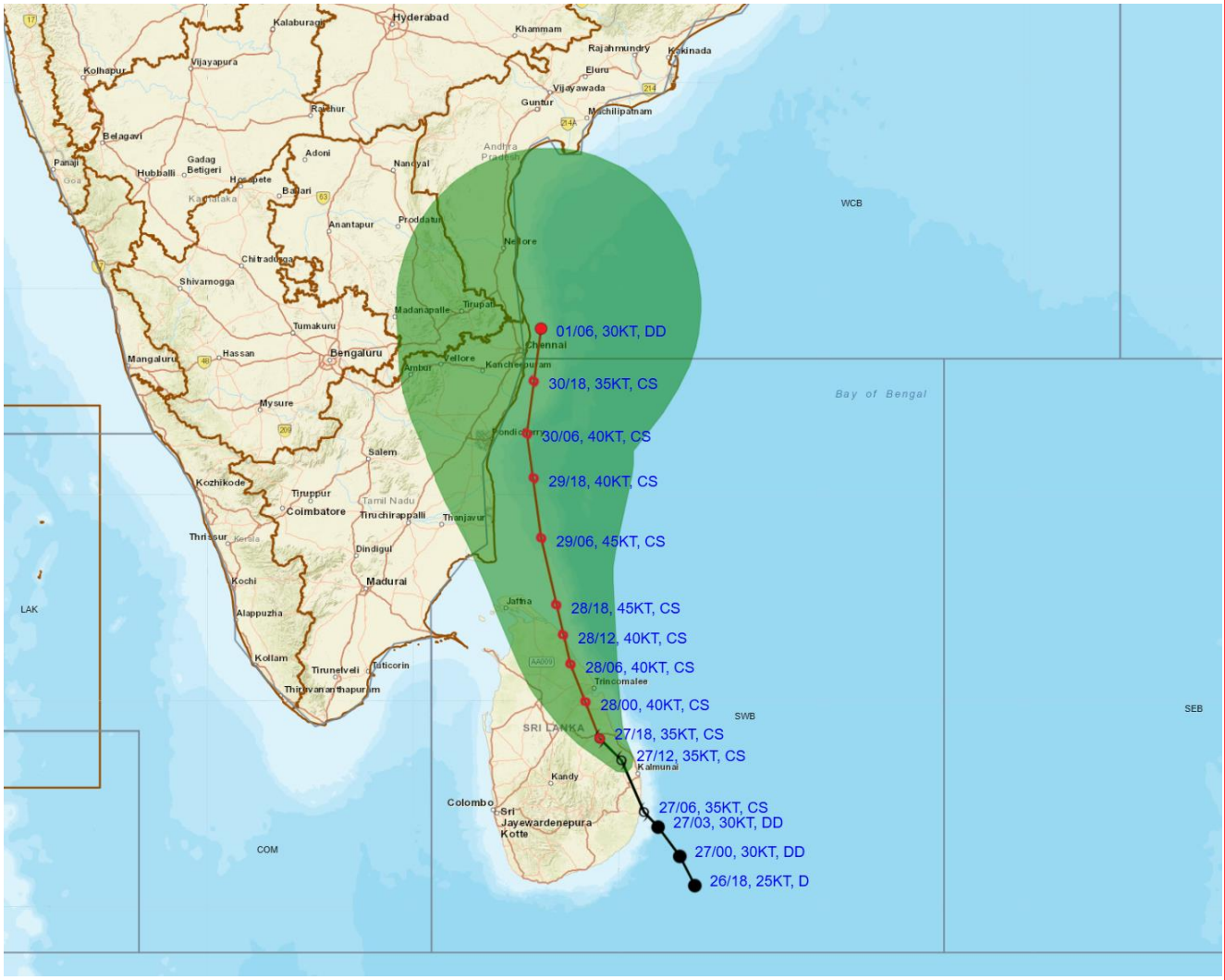
(i) Confidence level in estimation of current location of Cyclonic Storm: High
(ii) Confidence level in estimation of estimation of current intensity: High
(iii) Confidence level in forecast intensity: High
(iv) Confidence level in forecast track: High

(b) Well marked low pressure area [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca: The low level relative vorticity at 850 hPa has decreased and is about 40-50 $\times 10^{-6}$ 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 20×10^{-6} s^{-1} over Indonesia & adjoining Malacca Strait and south Andaman Sea. Mid-level vertical wind shear (VWS) of horizontal wind is high (25 – 30 kt) over Malacca Strait. Upper tropospheric ridge runs along 13°N across the BoB. Most of the models are indicating weakening of the system into low pressure area during next 12 hours over Malacca Strait.

Dr. Arulalan T
Scientist-D, RSMC, New Delhi


INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 µm
GMT:27-11-2025/(2000-2027) IST:28-11-2025/(0130-0157)
L1C MERCATOR (LINEAR STRETCH: 1%)
513
902
40°
30°
20°
10°
EQ
50°
60°
70°
80°
90°
100°
Cyclonic Storm
Ditwah
7.9°N/81.3°E
Well Marked low pressure area (Remnant of Cyclonic Storm "Senyar")

OBSERVED AND FORECAST TRACK OF CYCLONIC STORM "DITWAH" OVER COASTAL SRI LANKA & ADJOINING SOUTHWEST BAY OF BENGAL BASED ON 1800 UTC (2330 Hrs. IST) OF 27TH NOVEMBER 2025

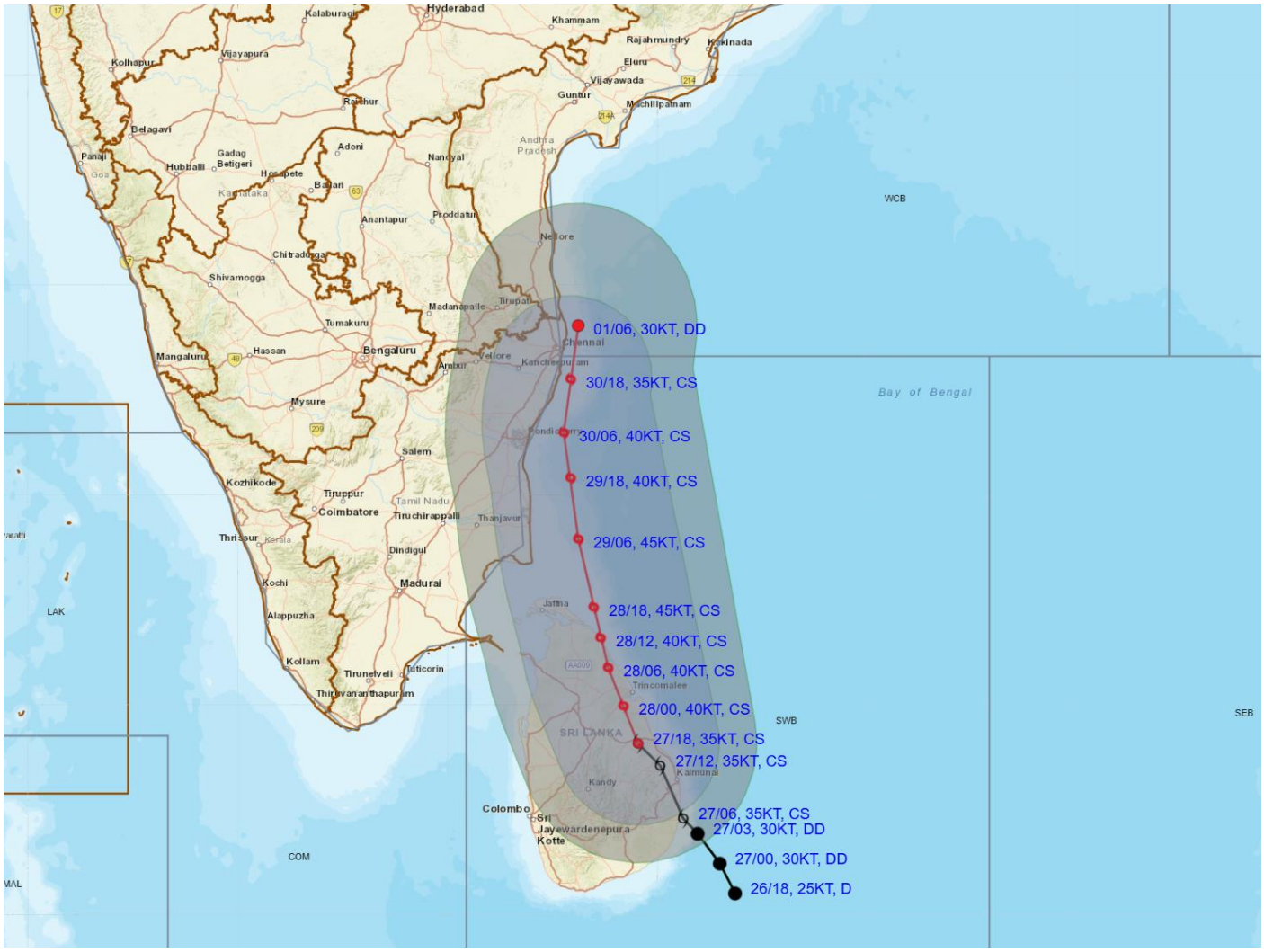


DATE/TIME IN UTC
IST=UTC + 0530
L: LOW PRESSURE AREA
WML: WELL MARKED LOW PRESSURE AREA
D: DEPRESSION (17-27 KT)
DD: DEEP DEPRESSION (28-33 KT)
CS: CYCLONIC STORM (34-47 KT)
SCS: SEVERE CYCLONIC STORM (48-63KT)
VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119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

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

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%
This is a guidance Bulletin for WMO/ESCAP Panel Member countries. Visit respective National websites for Country specific Bulletins.

OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF CYCLONIC STORM "DITWAH" OVER COASTAL SRI LANKA & ADJOINING SOUTHWEST BAY OF BENGAL BASED ON 1800 UTC (2330 Hrs. IST) OF 27th NOVEMBER 2025



DATE/TIME IN UTC
IST=UTC + 0530
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D: DEPRESSION (17-27 KT)
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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

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OBSERVED TRACK OF CYCLONIC STORM "SENYAR" OVER STRAIT OF MALACCA AND ADJOINING MALAYSIA DURING THE PERIOD 25TH NOVEMBER- 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

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
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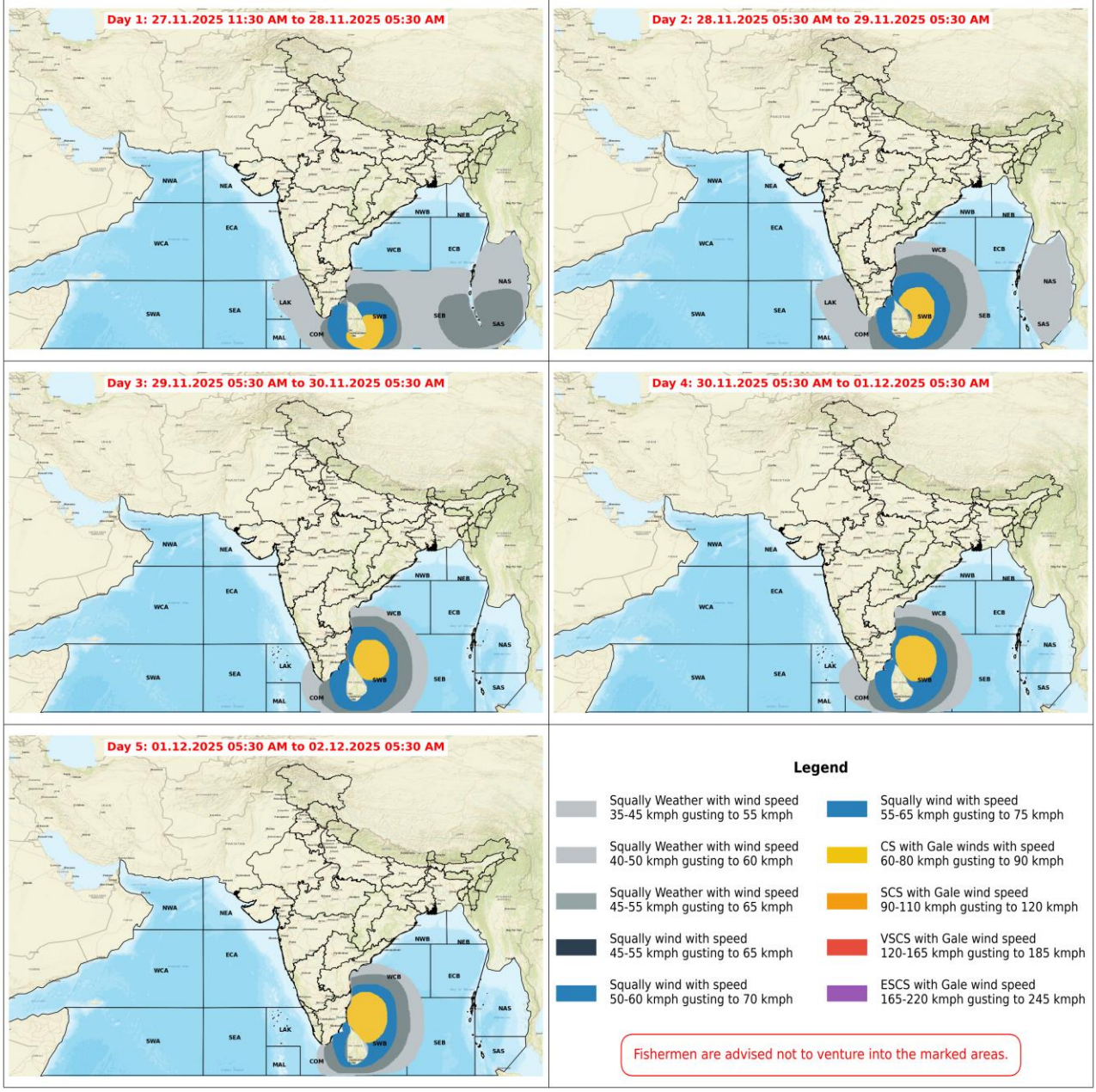
Fishermen Warning Graphics



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