



Ministry of Earth Sciences
India Meteorological Department
Cyclone Warning Division, New Delhi

**Tropical Cyclone Forecast Programme
Report Dated 27th November 2025**

Time of Issue: 1500 UTC

Synoptic features (based on 1200 UTC analysis):

(A) Cyclonic Storm Ditwah over southwest Bay of Bengal and adjoining Sri Lanka Coast

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 1200 UTC of today, the 27th November 2025 over the same region, near latitude 7.6°N and longitude 81.6°E, about 20 km southwest of Batticaloa (Sri Lanka), 170 km north-northeast of Hambantota (Sri Lanka), 120 km south-southeast of Trincomalee (Sri Lanka), 520 km south-southeast of Puducherry (India) and 620 km south-southeast of Chennai (India).

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 early morning of 30th November.

(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 1200 UTC of today, the 27th November 2025 over the Strait of Malacca & adjoining Malaysia near latitude 3.6°N and longitude 100.7°E, about 210 km south-southeast of George Town (Malaysia), 430 km east-southeast of Kuta Makmur (Indonesia), 930 km east-southeast of Nancowry (Nicobar Islands) and 1070 km southeast of Car Nicobar (Nicobar Islands).

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

Environmental Features based on 0900 UTC:

Parameter	Bay of Bengal (BoB)	Arabian Sea (AS)
Sea Surface Temperature (SST) °C	Around 28°C over south Andaman Sea adjoining Malacca Strait and southeast Bay of Bengal (BoB). Around 29-30°C over south BoB, along and off Sri Lanka coast, 27°C over Gulf of Mannar.	Around 28-29°C over southeast Arabian Sea and Lakshadweep area. Around 27°C over rest of Arabian Sea.
Tropical Cyclone Heat Potential (TCHP) kJ/cm²	125-150 over eastern parts of southeast BoB, Andaman Sea, Malacca Strait. About 125 over many parts of south, eastcentral and northeast BoB.	120-130 over southeast Arabian Sea, Lakshadweep area and Maldives area.

	About 50 over westcentral, northwest BoB, Comorin area, Gulf of Mannar, Westcoast of Sri Lanka.	
Cyclonic Relative vorticity ($\times 10^{-6} \text{ s}^{-1}$)	➤ 70-80 over Malacca Strait and adjoining areas extending upto 500 hPa. ➤ 140-150 over southwest Bay and adjoining south Sri Lanka extending upto 200 hPa.	➤ 40-50 southeast AS and adjoining EIO and extending upto 500 hPa.
Low-Level convergence ($\times 10^{-6} \text{ s}^{-1}$)	➤ 10-15 over southwest Bay and adjoining Sri Lanka. ➤ Another zone 10 over southeast Bay and adjoining Andaman Sea	➤ 5 over southwest and adjoining southeast AS.
Upper-Level divergence ($\times 10^{-6} \text{ s}^{-1}$)	➤ 10 over Indonesia & adjoining Equatorial Indian Ocean, Malacca Strait and south Andaman Sea. ➤ 30 over southwest Bay and adjoining Comorin, Gulf of Mannar, adjoining Sri Lanka	➤ 10 over southern parts of southeast AS
Vertical Wind Shear (VWS knots) Low: 05-10 knots Moderate: 10-20 knots High: >20 knots	➤ Deep layer vertical wind shear is Low-Moderate & anti-cyclonic over southwest Bay & adjoining southeast of Sri Lanka and over Malacca Strait. ➤ Mid layer vertical wind shear is low-moderate & anti-cyclonic over Sri Lanka	Deep layer vertical wind shear is low to moderate & anti-cyclonic over Comorin, Maldives and south Arabian Sea. Deep layer vertical wind shear is low over southern parts of south Arabian Sea and adjoining EIO.
Wind Shear Tendency (knots)	Decreasing over southwest BoB off south Sri Lanka.	Decreasing over southeast AS and adjoining EIO.
Upper tropospheric Ridge	➤ Ridge is running along 15°N at 95°E. ➤ Ridge is running along 12°N across BoB.	➤ A ridge is running along 10°N at 75°E. ➤

Summary of dynamic and thermodynamic features:

Deep Depression [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca: The low level relative vorticity at 850 hPa has decreased and is about $70-80 \times 10^{-6} \text{ s}^{-1}$ over Malacca Strait and adjoining areas and vertically extending upto 500 hPa. Upper-level divergence is around $30 \times 10^{-6} \text{ s}^{-1}$ over Indonesia & adjoining Equatorial Indian Ocean, Malacca Strait and south Andaman Sea. Low-level convergence is around $30-40 \times 10^{-6} \text{ s}^{-1}$ over Indonesia & adjoining Malacca Strait and south Andaman Sea. Mid-level vertical wind shear (VWS) of horizontal wind is around (10-15 kt) over Malacca Strait. Upper tropospheric ridge runs along 12°N across the BoB..

Cyclonic Storm Ditwah over southwest Bay of Bengal and adjoining areas of Southeast Sri Lanka: The low level relative vorticity at 850 hPa has increased and is about $130-140 \times 10^{-6} \text{ s}^{-1}$ over over southwest Bay and adjoining south Sri Lanka. Comorin area off southwest Sri Lanka coast and extending upto 200 hPa. Upper-level divergence is around $30 \times 10^{-6} \text{ s}^{-1}$ over Comorin Area and adjoining southwest Sri Lanka. Low-level convergence is around 30×10^{-6}

s⁻¹ over southwest Bay and adjoining Comorin, Maldives and EIO. Mid-level vertical wind shear (VWS) of horizontal wind is low & anti-cyclonic over western parts of Comorin area, southern parts of southwest BoB & Low to moderate over Gulf of Mannar, Tamil Nadu, Andhra Pradesh coasts. These favorable features will support the intensification of well marked low over the region into depression during next 12 hours.

M.J.O. Index:

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 the next 5 days.

Equatorial waves guidance:

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. Kelvin 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.

Satellite based cloud observation

Deep Depression [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca:

As per INSAT 3DS at 0900 UTC, the intensity is characterized as T1.5. 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 & Malay Peninsula (minimum cloud top temperature is minus 70-90 degree Celsius).

Cyclonic Storm "Ditwah" over southwest Bay of Bengal and adjoining Sri Lanka Coast:

Cyclonic storm Ditwah over Sri Lanka coast adjoining south-west Bay of Bengal & neighborhood centered near 7.4N / 81.8E overland. Associated scattered to broken low/medium clouds with embedded intense to very intense convection over south-west Bay of Bengal adjoining Indian Ocean, Sri Lanka, Palak Strait, Gulf of Mannar, Comorin area & south Kerala, Tamil Nadu (minimum cloud top temperature is minus 70-90 deg C)

The estimated central pressure is about 1001 hPa. The associated maximum sustained wind speed is about 35 knots gusting upto 45 knots.

Over Bay of Bengal & Andaman Sea:

As per INSAT 3DS at 0900 UTC, scattered to broken low and medium clouds with embedded intense to very intense convection lay over south Bay of Bengal, south Andaman Sea & Strait of Malacca. Scattered low and medium clouds with embedded moderate to intense convection lay over north Andaman Sea and isolated weak to moderate convection lay over central Bay of Bengal.

Over the Arabian Sea:

As per INSAT 3DS at 0900 UTC, scattered to broken low & medium clouds with embedded intense to very intense convection over Comorin area. Scattered low & medium clouds with embedded moderate to intense convection over south Arabian Sea south of latitude 10.0°N & Maldives area.

Outside India:

As per INSAT 3DS at 0600 UTC, vortex (KOTO) over south China Sea & neighborhood (area F5) centered near 13.2N/ 113.7E. Intensity T4.5/5.0. Maximum sustained winds 90-119 kts. Associated scattered to broken low & medium clouds with embedded intense to very intense

convection over area between latitude 8.0°N to 20.0°N & longitude 110.0°E to 120.0°E & Philippines.

Scattered low & medium clouds with embedded moderate to intense convection over Sri Lanka, Palk Strait, Gulf of Mannar, Maldives, Tibet, China, Thailand, Gulf of Thailand, Cambodia, Laos, Vietnam, Hainan, Taiwan, Sumatra, Strait of Malacca, Malaysia, Borneo, south China Sea, Java Islands & Sea, Celebes Islands & Sea, Philippines, Sulu Sea, Madagascar, Mozambique channel and over Indian Ocean between latitude 5.0°N to 10.0°S longitude 50.0°E to 120.0°E.

NWP Guidance for FDP Cyclone:

MODEL GUIDANCE	Bay of Bengal (BoB)	Arabian Sea (AS)
IMD-GFS	Cyclonic storm (CS) over southwest BoB and adjoining southeast Sri Lanka as on 00 UTC of today, to move in north-northwestward (NNW) across Sri Lanka and lay close to south of Nagapattinam & adjoining Gulf of Mannar as a deep depression (DD) on 29/00 UTC. It will cross south Tamil Nadu coast near Nagapattinam as a depression on 29/12 UTC, lay over interior Tamil Nadu as low pressure area (LPA) on 30/00 UTC, less marked thereafter.	Model is indicating an LPA over southwest AS, on 28/00 UTC, to move nearly eastwards and less marked by 29/00 UTC.
IMD-GEFS	Not available	Not available
IMD-WRF	Not available	Not available
BFS	Cyclonic storm (CS) over southwest BoB and adjoining southeast Sri Lanka as on 00 UTC of today, to move in north-northwestward (NNW) across Sri Lanka and lay close to south of Nagapattinam & adjoining Gulf of Mannar as a deep depression (DD) on 29/00 UTC. It will cross south Tamil Nadu coast near Nagapattinam as a depression on 29/12 UTC, lay over interior Tamil Nadu as low pressure area (LPA) on 30/00 UTC, less marked thereafter.	Model is indicating an LPA over southwest AS, on 28/00 UTC, to move nearly eastwards and less marked by 29/00 UTC.
NCMRWF-NCUM(G)	DD over southwest BoB and adjoining southeast Sri Lanka as on 00 UTC of today, to move in NNW along Sri Lanka coast and lay over southwest Bay & adjoining northeast Sri Lanka as a CS on 29/06 UTC. It will continue to move in same direction while weakening and reach north Tamil Nadu coast as depression on 01 December/00 UTC. It will then move over land and less marked thereafter.	No significant system is indicated during next 7 days.
NCMRWF-NCUM(R)	DD over southwest BoB and adjoining southeast Sri Lanka as on 00 UTC of today, to move in NNW along Sri Lanka coast and lay over Sri Lanka & adjoining southwest Bay as a DD on 28/00 UTC. It will move in same direction and lay over northeast Sri Lanka and adjoining southwest Bay as a DD on 30/00 UTC.	No significant system is indicated during next 3 days.

NEPS	CS over southwest BoB and adjoining southeast Sri Lanka as on 00 UTC of today, to move in NNW along Sri Lanka coast and lay over Sri Lanka & adjoining southwest Bay as a CS on 28/00 UTC. It will continue to move in same direction while weakening and reach north Tamil Nadu coast as an LPA by 30/00 UTC, less marked thereafter.	No significant system is indicated during next 7 days.
ECMWF	Model is indicating the DD over Malacca Strait on today 00 UTC, to move over the same region with gradual weakening till 28/06 UTC. Cyclonic storm (CS) over southwest BoB and adjoining southeast Sri Lanka as on 00 UTC of today, to move in north-northwestward (NNW) across Sri Lanka and lay close to south of Nagapattinam as a depression on 29/06 UTC. It will then move slowly in the north-northeastward (NNE) over southwest Bay and less marked thereafter by 04 December/00 UTC.	No significant system is indicated during next 7 days.
NCEP-GFS	Model is indicating the DD over Malacca Strait on today 00 UTC, to move over the same region with gradual weakening till 28/12 UTC. Cyclonic storm (CS) over southwest BoB and adjoining southeast Sri Lanka as on 00 UTC of today, to move in north-northwestward (NNW) across Sri Lanka and lay close to south of Nagapattinam as a depression on 29/06 UTC. It will then move slowly in the north-northeastward (NNE) over southwest Bay and less marked thereafter by 04 December/06 UTC.	No significant system is indicated during next 7 days.
EC-AIFS	Low over Malacca Strait as on today, to persists over the same region till 27/00 UTC. Less marked thereafter. CS over southwest BoB and adjoining southeast Sri Lanka as on 00 UTC of today, to move in NNW along Sri Lanka coast and lay close to north of Nagapattinam coast, Tamil Nadu as a DD on 30/12 UTC. It then move along the coast while weakening till 01 December/12 UTC, less marked thereafter.	No significant system is indicated during next 7 days.

Summary of models guidance:

Bay of Bengal:

Depression [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca:

Most of the models are indicating weakening of the system during next 24 hours over Malacca Strait.

Cyclonic Storm Ditwah over southwest Bay of Bengal and adjoining Sri Lanka Coast:

Most of the models are indicating, are indicating the cyclonic storm over southwest Bay of Bengal and adjoining southeast Sri Lanka as on 27/00 UTC, to move NNW along the Sri Lanka coast till 29/06 UTC and lay over southwest Bay of Bengal, close to northeast Sri

Lanka coast as a cyclonic storm. Thereafter, all these models are indicating its movement in the same direction towards Tamil Nadu coast while weakening.

Arabian Sea:

Models are indicating no significant system over Arabian Sea during next seven days.

Inference:

Considering various large-scale environmental features, climatology and model guidance, it is inferred that:

(1) Cyclonic Storm Ditwah over southwest Bay of Bengal and adjoining Sri Lanka Coast

The Cyclonic Storm Ditwah [Pronunciation: Ditwah] over coastal Sri Lanka and adjoining southwest Bay of Bengal 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 early morning of 30th November.

- (I) Confidence level in estimation of current location: High
- (i) Confidence level in estimation of current intensity: High
- (ii) Confidence level in forecast of intensification: High
- (iii) Confidence level in forecast of track: High

(2) Depression [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca & adjoining Malaysia

The Depression [Remnant of Cyclonic Storm "Senyar"] over the Strait of Malacca & adjoining Malaysia is very likely to move nearly eastwards and weaken into a well marked low pressure area during next 12 hours.

Probability of cyclogenesis (formation of depression and above intensity systems) over the Bay of Bengal during next 168 hours:

24 HOURS	24-48 HOURS	48-72 HOURS	72-96 HOURS	96-120 HOURS	120-144 HOURS	144-168 HOURS
-	-	-	-	-	-	-

Probability of cyclogenesis (formation of depression and above intensity systems) over the Arabian Sea during next 168 hours:

24 HOURS	24-48 HOURS	48-72 HOURS	72-96 HOURS	96-120 HOURS	120-144 HOURS	144-168 HOURS
NIL	NIL	NIL	NIL	NIL	NIL	NIL

“- “indicates genesis has already occurred.

Probability is indicated as NIL for 0%, LOW for 1-33%, MOD for 34-67% and High for 68-100%. Every 24 hrs forecast ends at the 0300 UTC of date.

Intense Observation Period (IOP): Andaman & Nicobar Islands during 26th to 27th; Sri Lanka, Tamil Nadu coasts during 27th November to 01st December; Kerala during 27th – 30th; Lakshadweep during 27th, 28th, Andhra Pradesh during 28th November to 01st December.

INSAT 3DS imageries at 0600 UTC of 26th & 27th November

















