



REGIONAL SPECIALISED METEOROLOGICAL CENTRE -TROPICAL CYCLONES, NEW DELHI SPECIAL TROPICAL WEATHER OUTLOOK

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 26.07.2026

SPECIAL TROPICAL WEATHER OUTLOOK FOR THE NORTH INDIAN OCEAN (THE BAY OF BENGAL AND THE ARABIAN SEA) VALID FOR THE NEXT 168 HOURS ISSUED AT 0900 UTC OF 26.07.2026 BASED ON 0600 UTC OF 26.07.2026.

Depression over northwest Bay of Bengal and adjoining areas of North Odisha- West Bengal coasts

The Depression over northwest Bay of Bengal and adjoining areas of North Odisha-West Bengal coasts moved northwestwards with a speed of 10 kmph during last 3 hours and lay centred at 0600 UTC of today, the 26th July 2026, over the same region near latitude 20.8°N and longitude 88.2°E, about 90 km south of Sagar Island (42903, West Bengal), 110 km southeast of Digha (42901, West Bengal), 150 km east of Chandbali (42973, Odisha) and 150 km east-southeast of Balasore (42895, Odisha).

It is very likely to move northwestwards, intensify further into a deep depression during next 24 hrs and cross north Odisha and West Bengal coasts between Paradip (42976) and Sagar Island (42903) during 0600-0900 UTC of 27th July 2026.

The estimated central pressure is 998 hPa. The associated maximum sustained wind speed is 25 kt gusting to 35 kt. Digha (42901) reported mean sea level pressure (MSLP) as 997.1 hPa, pressure change in past 24 hrs (P24) as -2.4 hPa and maximum sustained wind speed (MSW) as 50⁰/ 02 kt. Balasore (42895) reported MSLP as 998.9 hPa, P24 as -2.0 hPa and MSW as 50⁰/ 02 kt.

As per INSAT 3DS imagery at 0600 UTC of 26th July, the intensity of the system is characterised as T1.5. Associated scattered to broken low and medium clouds with embedded intense to very intense convection lay over north and central Bay of Bengal, Odisha, Gangetic West Bengal and Chhattisgarh (minimum Cloud Top Temperature is -70-90 deg. Celsius). ASCAT pass at 0356 UTC is indicating stronger winds 20-25 kt in the southern sector.

REMARKS:

Sea surface temperature (SST) is 29-30°C over northwest Bay of Bengal (BoB) and along & off North Odisha-West Bengal-Bangladesh coasts and around 28°C over most parts of BoB. The low level vorticity is about $150 \times 10^{-6} \text{ s}^{-1}$ over Northwest Bay of Bengal and is extending upto 500 hPa level. The low level convergence is around $10 \times 10^{-6} \text{ s}^{-1}$ over northwest & adjoining westcentral BoB to the south of system centre. Upper level divergence is around $20 \times 10^{-6} \text{ s}^{-1}$ over northeast & adjoining eastcentral BoB to the southeast of system centre. Vertical wind shear (both mid (500-

850 hPa) and deep (200-850 hPa)) of horizontal wind is low to moderate (10-15 kt) over the system area and along the predicted path. The IR-WV difference imagery is indicating temperatures less than -4°C to the south of system centre. The guidance from NCICS model indicates the prevalence of westerly wind anomaly (5-7 mps) over central BoB, along with Equatorial Rossby wave (ERW) & approaching Kelvin wave (KW) and easterly wind anomaly (3-5 mps) over north & adjoining areas of central BoB on 26th July. However, on 27th July, there is enhancement of westerly wind anomaly (7-9 mps) over central & south BoB with prevalence of ERW, low frequency background wave(LW) and KW and easterly wind anomaly (7-9 mps) over north BoB, i.e. all the waves will be in phase on 27th July.

All these favourable features viz. high SST, good equatorward outflow, presence of equatorial waves (ERW, KW, LW), low to moderate vertical wind shear, positive low level vorticity & low level convergence and upper level divergence indicate a favourable environment for maintenance of intensity of the system.

Guidance from numerical models:

Various numerical weather prediction models (ECMWF, GFS group, NCUM, ECAI, GFSAI etc.) are indicating the depression over northwest BoB and adjoining North Odisha-West Bengal coasts to move slowly northwestwards and intensify further during next 24 hours. Models are also indicating crossing over North Odisha-West Bengal coasts to the north of Balasore during 0300-0900 UTC of 27th July, 2026.

Based on the observations and guidance from various numerical models:

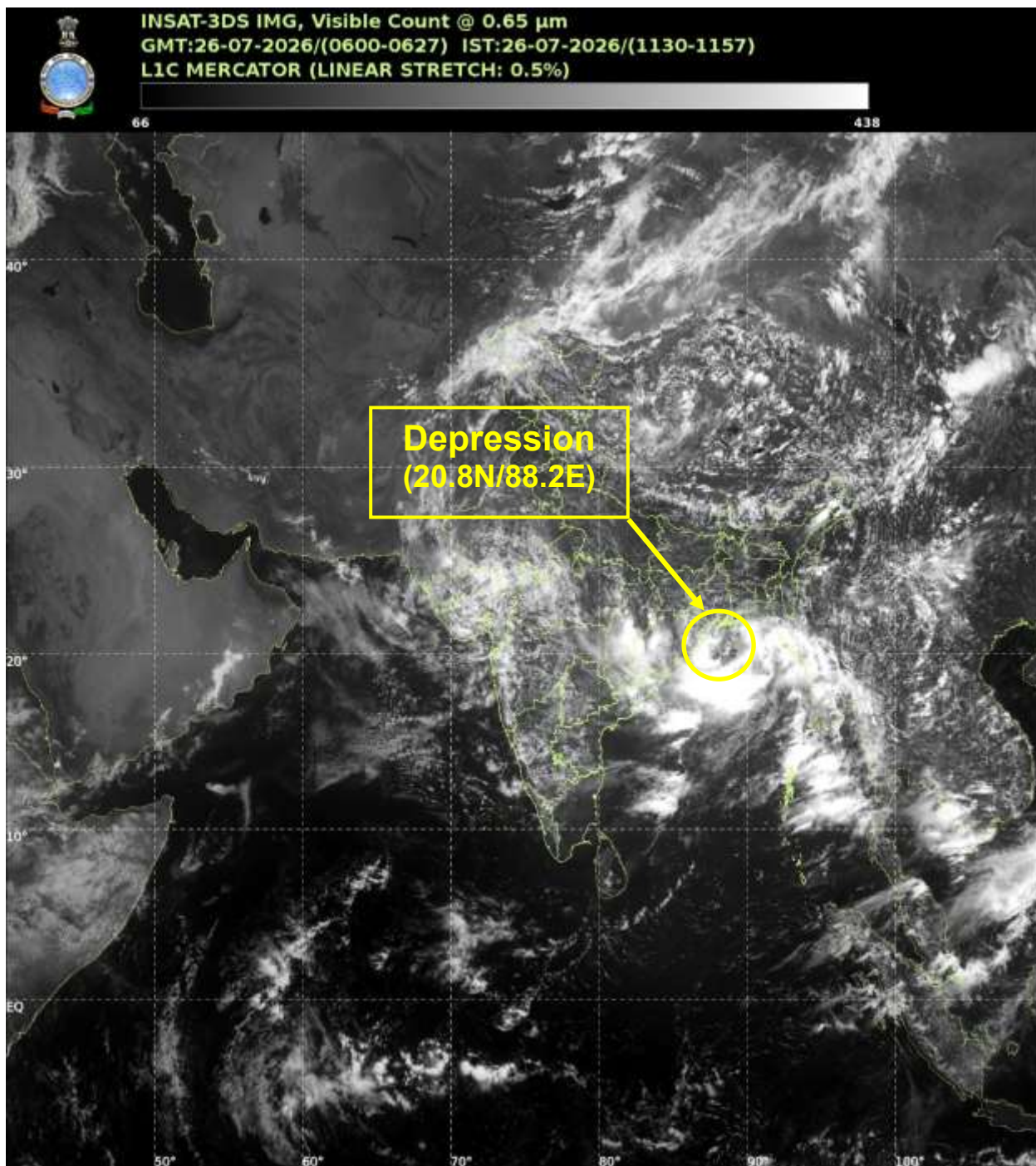
Confidence Level in estimation of current location and intensity: **High**

Confidence Level in prediction of forecast track: **Moderate**

Confidence Level in prediction of forecast intensity: **High**

Considering all the above, the depression over northwest Bay of Bengal and adjoining areas of North Odisha -West Bengal coasts is very likely to move northwestwards and cross North Odisha-West Bengal coasts during 0600-0900 UTC of 27th July, 2026.

Dr. D. R. Pattanaik
RSMC, New Delhi

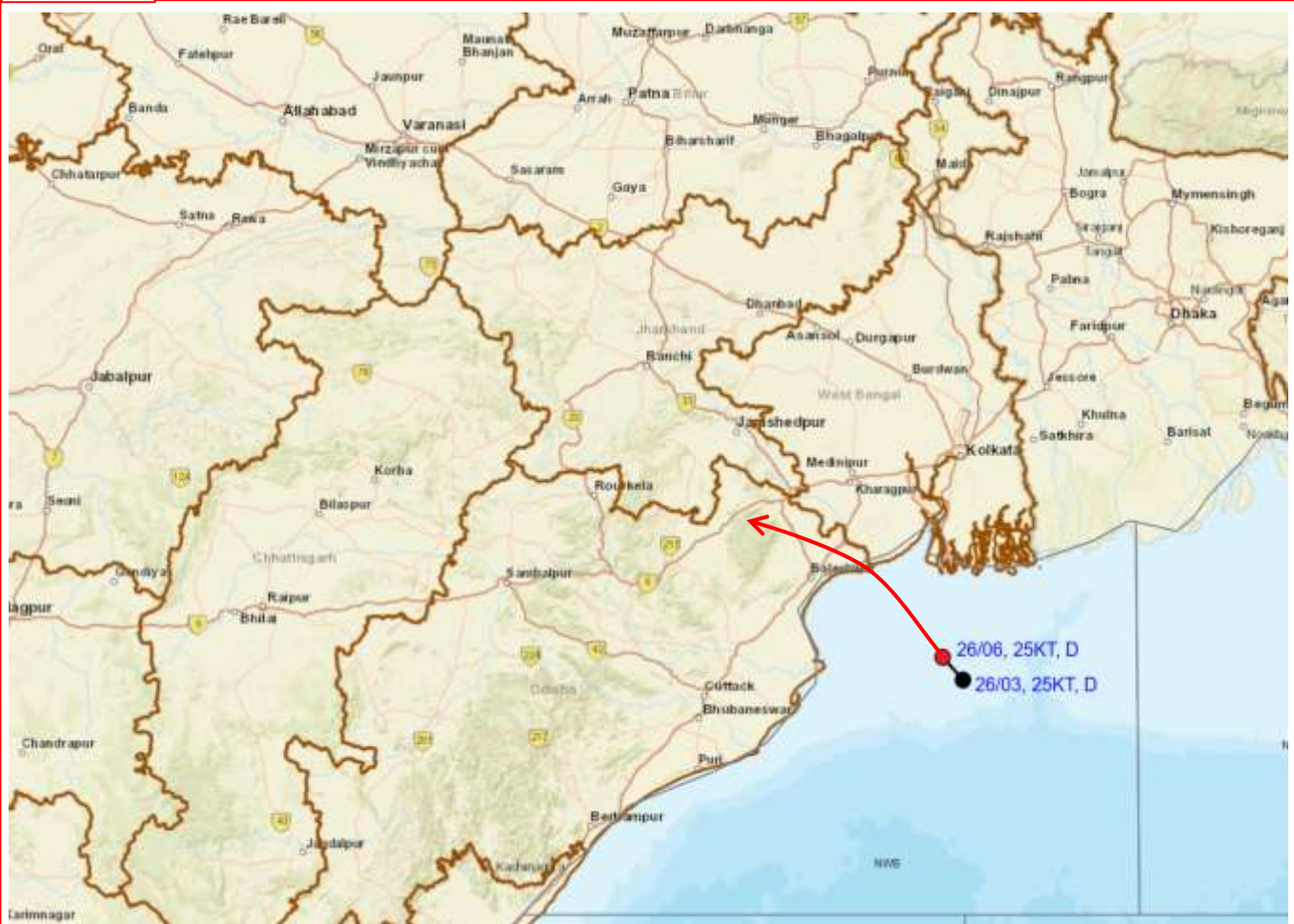


Cloud distribution: (a) Isolated: <25%, Scattered:25-50%, Broken: 51-75%, Solid:>75%, Convection Intensity: (a) Weak: Cloud Top Temperature(CTT)>-25°C, (b) Moderate: CTT:-25°Cto-40°C, (c) Intense: CTT: -41°Cto -70°C and (d) Very Intense::Less than -70°C Probability of cyclogenesis (formation of depression) :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 OF DEPRESSION OVER NORTHWEST BAY OF BENGAL AND ADJOINING AREAS OF NORTH ODISHA- WEST BENGAL COASTS BASED ON 0600 UTC (1130 Hrs. IST) OF 26TH JULY 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

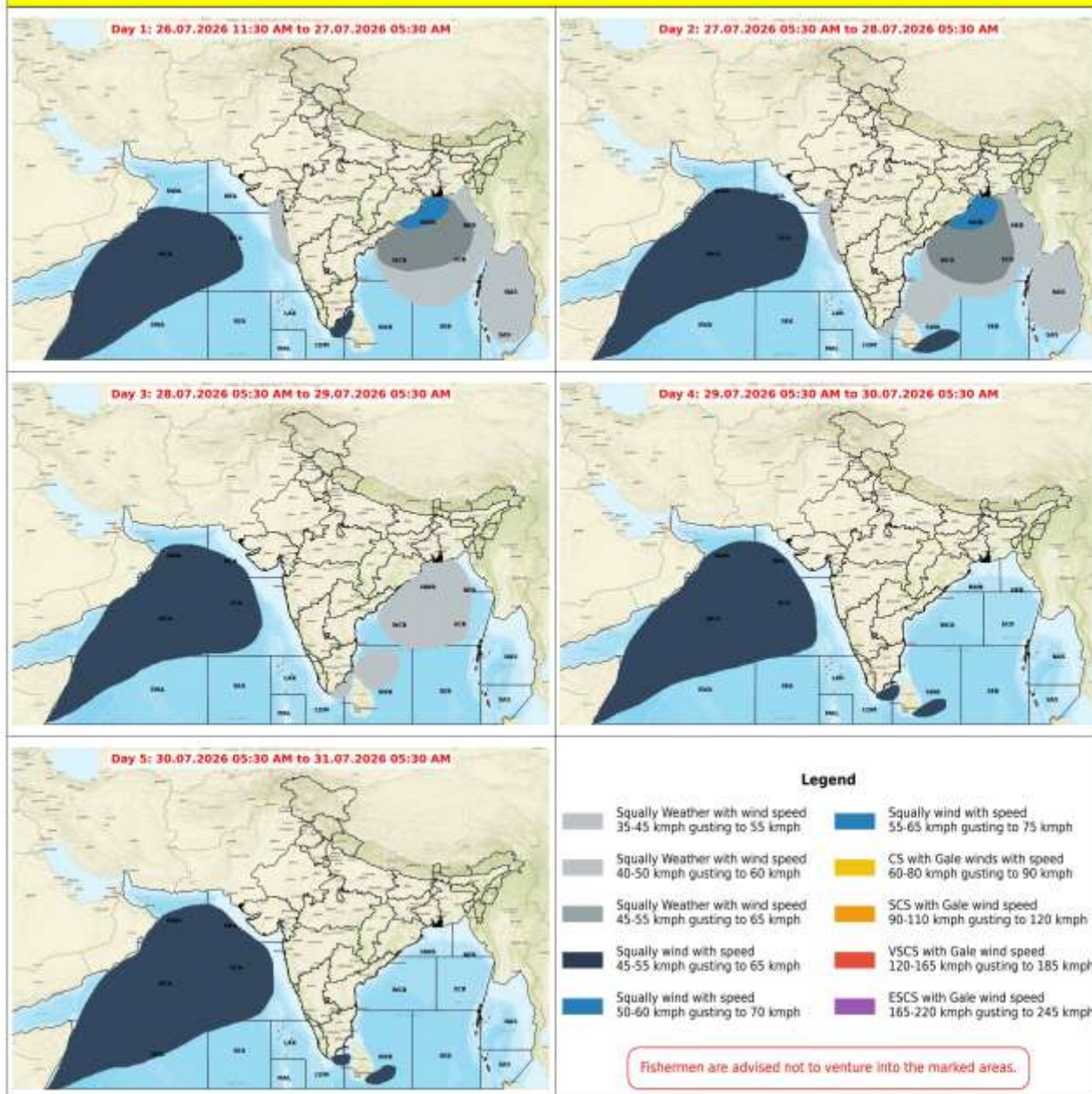
Forecast distance (km) and direction of the centre from nearest 4 coastal stations

Forecast Date and Time	Lead Period	Lat	Lon	Station 1	Station 2	Station 3	Station 4
26.07.26/0600	0	20.8	88.2	SAGAR ISLAND (90,S)	DIGHA (110,SE)	CHANDBALI (150,E)	BALASORE (150,ESE)

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.

Fishermen Warning Graphics



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.