

GLOBAL MARITIME 261330 IST
DATE/TIME OF ISSUE: 26-11-2024/0800 UTC
GMDSS BULLETIN I 260900
ISSUED BY: INDIA METEOROLOGICAL DEPARTMENT, NEW DELHI
HIGH SEA FORECAST FOR MET. AREA VIII (N)
AREA OF COVERAGE: AREA OF THE INDIAN OCEAN ENCLOSED BY LINES FROM THE INDO-PAKISTAN FRONTIER AT 23°45'N 68 DEG E TO 00 DEG N 6 DEG E, THENCE TO CAPE GARDAFUI; THE EAST AFRICAN COAST SOUTH TO THE EQUATOR, THENCE TO 95 DEG E, TO 6 DEG N, THENCE NORTH EASTWARDS TO MYANMAR/THAIL FRONTIER IN 10 DEG N 98 DEG 30'E NORTHWARDS COVERING ENTIRE BAY OF BENGAL.

VALID FROM 09 UTC OF 26TH NOVEMBER 2024 TO 00 UTC OF 28TH NOVEMBER 2024.

PART-I STORM WARNING: NIL.

PART-II SYNOPTIC WEATHER SYSTEM AT 0300 UTC:

SUB: DEPRESSION INTENSIFIED INTO A DEEP DEPRESSION OVER SOUTHWEST BAY OF BENGAL

THE DEPRESSION OVER SOUTHWEST BAY OF BENGAL MOVED NORTH-NORTHWESTWARDS WITH A SPEED OF 12 KMPH DURING PAST 6 HOURS, INTENSIFIED INTO A DEEP DEPRESSION AND LAY CENTRED AT 0830 HOURS IST OF TODAY, THE 26 TH NOVEMBER 2024 OVER THE SAME REGION NEAR LATITUDE 6.3°N AND LONGITUDE 82.8°E, ABOUT 310 KM SOUTHEAST OF TRINCOMALEE, 590 KM SOUTH-SOUTHEAST OF NAGAPPATTINAM, 710 KM SOUTH-SOUTHEAST OF PUDUCHERRY AND 800 KM SOUTH-SOUTHEAST OF CHENNAI.

IT IS VERY LIKELY TO CONTINUE TO MOVE NORTH-NORTHWESTWARDS AND INTENSIFY FURTHER INTO A CYCLONIC STORM ON 27 TH NOVEMBER. THEREAFTER, IT WILL CONTINUE TO MOVE NORTH-NORTHWESTWARDS TOWARDS TAMIL NADU COAST SKIRTING SRI LANKA COAST DURING SUBSEQUENT 2 DAYS.

FUTURE POSITION, DATE AND INTENSITY OF THE SYSTEM ARE GIVEN BELOW:

Date/ Time(IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)
26.11.24/0830	6.3/82.8	50-60 gusting 70
26.11.24/1730	7.2/82.4	55-65 gusting 75
27.11.24/0530	8.2/82.0	55-65 gusting to 75
27.11.24/1730	9.3/81.7	60-70 gusting to 80
28.11.24/0530	10.2/81.5	65-75 gusting to 85
28.11.24/1730	11.0/81.4	65-75 gusting to 85

QUADRANT WIND FORECAST:

26.11.24/0830:

WINDSPEEDS REACHING 27 KT AT AROUND 110 NM RADIUS FROM THE CENTRE IN THE NW QUADRANT, 150 NM FROM THE CENTRE IN THE NE QUADRANT, 90 NM & 100 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

26.11.24/1730:

WINDSPEEDS REACHING 27 KT AT AROUND 110 NM RADIUS FROM THE CENTRE IN THE NW QUADRANT, 150 NM FROM THE CENTRE IN THE NE QUADRANT, 90 NM & 100 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

27.11.24/0530:

WINDSPEEDS REACHING 27 KT AT AROUND 110 NM RADIUS FROM THE CENTRE IN THE NW QUADRANT, 150 NM FROM THE CENTRE IN THE NE QUADRANT, 90 NM & 100 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

27.11.24/1730:

WINDSPEEDS REACHING 27 KT AT AROUND 110 NM RADIUS FROM THE CENTRE IN THE NW QUADRANT, 150 NM FROM THE CENTRE IN THE NE QUADRANT, 90 NM & 100 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

WINDSPEEDS REACHING 34 KT AT AROUND 55 NM RADIUS FROM THE CENTRE IN THE NW, NE QUADRANTS, 70 NM & 50 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

28.11.24/0530:

WINDSPEEDS REACHING 27 KT AT AROUND 110 NM RADIUS FROM THE CENTRE IN THE NW QUADRANT, 150 NM FROM THE CENTRE IN THE NE QUADRANT, 90 NM & 100 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

WINDSPEEDS REACHING 34 KT AT AROUND 55 NM RADIUS FROM THE CENTRE IN THE NW, NE QUADRANTS, 70 NM & 50 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

28.11.24/1730:

WINDSPEEDS REACHING 27 KT AT AROUND 110 NM RADIUS FROM THE CENTRE IN THE NW QUADRANT, 150 NM FROM THE CENTRE IN THE NE QUADRANT, 90 NM & 100 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

WINDSPEEDS REACHING 34 KT AT AROUND 55 NM RADIUS FROM THE CENTRE IN THE NW, NE QUADRANTS, 70 NM & 50 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

PART-III AREA FORECAST:

AREA: ARB A1 (ARABIAN SEA)-EQUATOR TO 10 DEG N W OF 80 DEG E.

ARB A1-FORECAST VALID FROM 09 UTC OF 26TH NOV 2024 TO 00 UTC OF 27TH NOV 2024.

I) WIND DIRECTION AND SPEED: 1) W OF 70 DEG E: NE/N-LY 05/15 KTS BEC NW/W-LY 05/15 KTS TO THE S OF 5 DEG N.

2) REST AREA: NW/W-LY 10/20 KTS.

II) WAVE HEIGHT: 1.5-2.5 M.

III) WEATHER: FAIRLY WIDESPREAD RA/TS.

IV) VISIBILITY: POOR.

ARB A1-FORECAST VALID FROM 00 UTC OF 27TH NOV 2024 TO 00 UTC OF 28TH NOV 2024.

I) WIND DIRECTION AND SPEED: 1) W OF 60 DEG E: NE-LY 05/15 KTS BEC CYCLONIC 05/10 KTS AT 54 DEG E AND 3 DEG N.

2) REST AREA: NW/W-LY 10/20 KTS

II) WAVE HEIGHT: 1.5-2.5 M.

III) WEATHER: SCATTERED RA/TS.

IV) VISIBILITY: MODERATE.

ARB A2-ARABIAN SEA:-23 DEG 45 MIN N 68 DEG E TO 00 DEG N 63 DEG E TO CAPE GARDAFUI TO N OF 10 DEG N. 55

ARB A2-FORECAST VALID FROM 09 UTC OF 26TH NOV 2024 TO 00 UTC OF 27TH NOV 2024.

I) WIND DIRECTION AND SPEED: 1) N OF 20 DEG N: ANTI-CYCLONIC 05/10 KTS.

2) REST AREA: NE-LY 10/15 KTS.

II) WAVE HEIGHT: 0.5-2.0 M.

III) WEATHER: 1) E OF 74 DEG E: SCATTERED RA/TS.

2) REST AREA: FAIR.

IV) VISIBILITY: 1) E OF 74 DEG E: MODERATE.

2) REST AREA: GOOD.

ARB A2-FORECAST VALID FROM 00 UTC OF 27TH NOV 2024 TO 00 UTC OF 28TH NOV 2024.

- I) WIND DIRECTION AND SPEED: NE-LY 10/15 KTS.
- II) WAVE HEIGHT: 0.5-2.0 M.
- III) WEATHER: FAIR.
- IV) VISIBILITY: GOOD

BOB A3-BAY OF BENGAL: EQUATOR TO 10 DEG N BETWEEN E OF 80 DEG E WEST OF 10 DEG N/98 DEG 30 MIN E TO 6 DEG N/95 DEG E THENCE S-WARDS TO EQUATOR.

BOB A3-FORECAST VALID FROM 09 UTC OF 26TH NOV 2024 TO 00 UTC OF 27TH NOV 2024.

- I) WIND DIRECTION AND SPEED: CYCLONIC 20/30 KTS AT 82.9 DEG E AND 6.3 DEG N.
- II) WAVE HEIGHT: 4.0-6.0 M.
- III) WEATHER: WIDESPREAD RA/TS.
- IV) VISIBILITY: VERY POOR.

BOB A3-FORECAST VALID FROM 00 UTC OF 27TH NOV 2024 TO 00 UTC OF 28TH NOV 2024.

- I) WIND DIRECTION AND SPEED: CYCLONIC 35/45 KTS AT 10 DEG N AND 82 DEG E.
- II) WAVE HEIGHT: 6.0-9.0 M.
- III) WEATHER: WIDESPREAD RA/TS.
- IV) VISIBILITY: VERY POOR.

BOB: A4: BAY OF BENGAL N OF 10 DEG N E OF 80 DEG E.

BOB A4-FORECAST VALID FROM 09 UTC OF 26TH NOV 2024 TO 00 UTC OF 27TH NOV 2024.

- I) WIND DIRECTION AND SPEED: NE/E-LY 15/25 KTS.
- II) WAVE HEIGHT: 2.5-4.5 M.
- III) WEATHER: 1) S OF 16 DEG N: WIDESPREAD RA/TS.
2) REST AREA: FAIR.
- IV) VISIBILITY: 1) S OF 16 DEG N: VERY POOR.
2) REST AREA: GOOD.

BOB A4-FORECAST VALID FROM 00 UTC OF 27TH NOV 2024 TO 00 UTC OF 28TH NOV 2024.

- I) WIND DIRECTION AND SPEED: SE/E-LY 15/25 KTS BEC CYCLONIC. 35/45 KTS
AT 10 DEG N AND 82 DEG E.
- II) WAVE HEIGHT: 6.0-9.0 M.
- III) WEATHER: 1) S OF 18 DEG N: WIDESPREAD RA/TS.
2) REST AREA: FAIR.
- IV) VISIBILITY: 1) S OF 18 DEG N: VERY POOR.
2) REST AREA: GOOD.

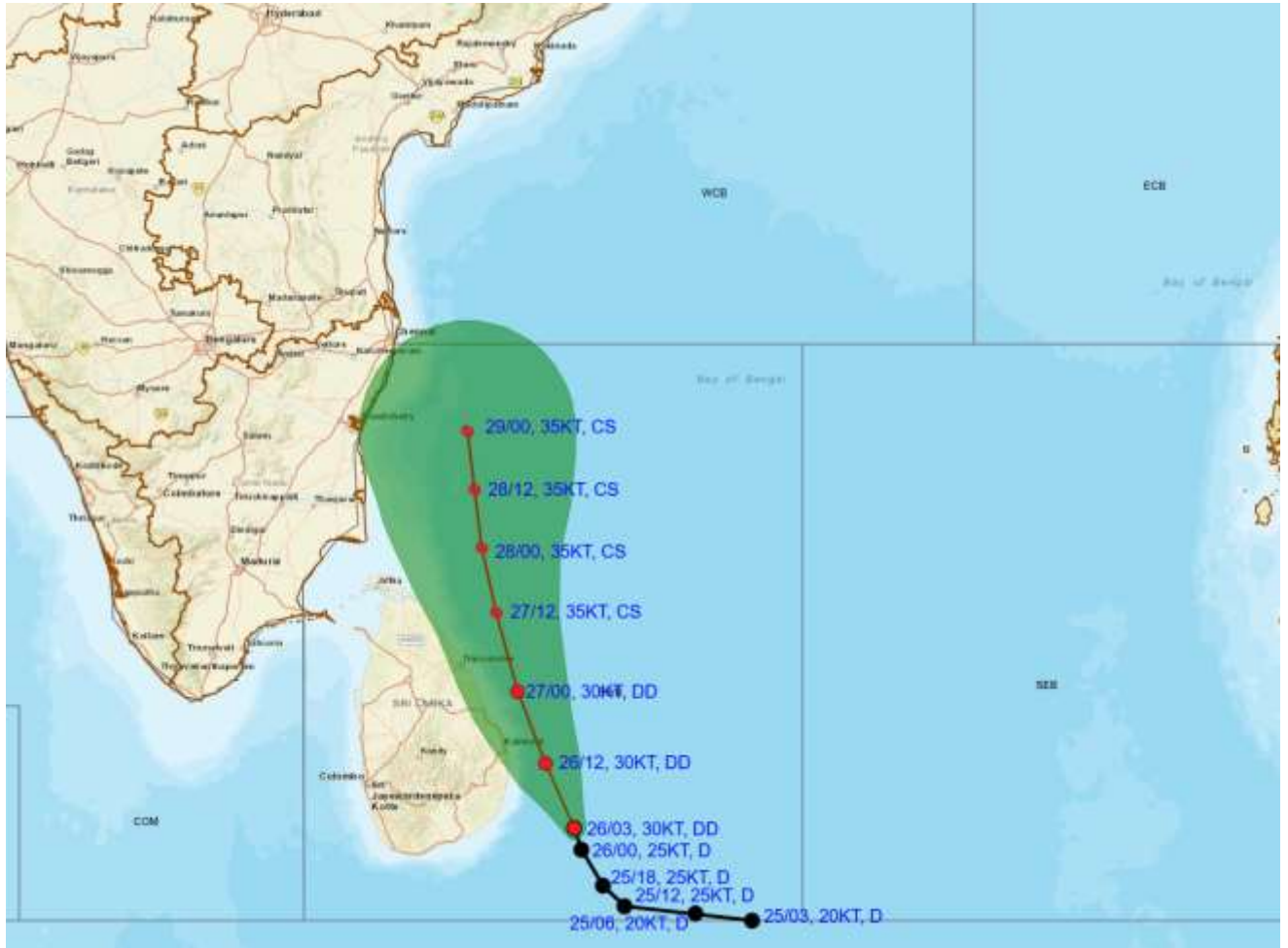
ADVISORY: PLEASE BE AWARE. WIND WAVE FORECASTS ARE AVERAGES. WIND GUSTS CAN BE 40 PER CENT STRONGER THAN THE FORECAST. MAXIMUM WAVE HEIGHT CAN BE TWICE THE FORECAST WAVE HEIGHT.

NEXT FORECAST WILL BE ISSUED AT 26/1700 UTC.

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TOO: 26/1330.



OBSERVED AND FORCAST TRACK ALONG WITH CONE OF UNCERTAINTY OF DEPRESSION OVER SOUTHWEST BAY OF BENGAL BASED ON 0300 UTC (0830 HRS. IST) OF 26TH NOVEMBER, 2024



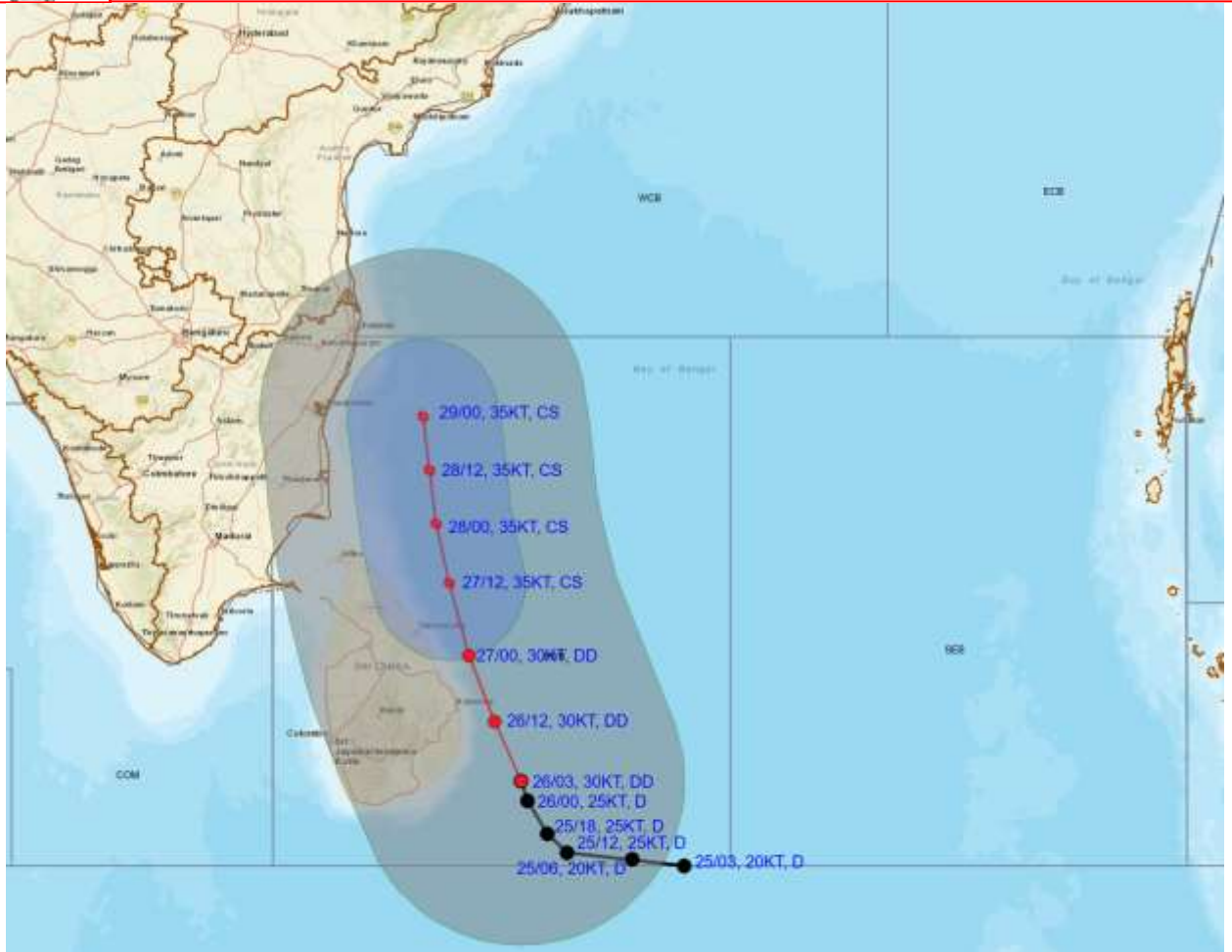
DATE/TIME : IN UTC
 IST : UTC + 0530
 KT : NAUTICAL MILE S/HOUR = 1.85 KM/HOUR
 LPA : LOW PRESSURE AREA
 WML : WELL MARKED LOW PRESSURE AREA
 D : DEPRESSION (17-27 KT)
 DD : DEEP DEPRESSION (28-33 KT)
 CS : CYCLONIC STORM (34-47 KT)
 SCS : SEVERE CYCLONIC STORM (48-63 KT)
 VSCS : VERY SEVERE CYCLONIC 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

Forecast	DISTANCE (KM) AND DIRECTION FROM STATIONS				
	BATTICALOA	TRINCOMALEE	NAGAPPATTINAM	PUDUCHERRY	CHENNAI/MINAMBAKKAM
26.11.24/0300	190, SE	300, SE	590, SSE	710, SSE	790, SSE
27.11.24/0000	70, NNE	100, ESE	370, SE	480, SSE	570, SSE
28.11.24/0000	280, N	190, N	200, ESE	260, SE	340, SSE
29.11.24/0000	460, N	360, N	200, NE	170, E	190, SE



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEPRESSION OVER SOUTHWEST BAY OF BENGAL BASED ON 0300 UTC (0830 HRS. IST) OF 26TH NOVEMBER, 2024.



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 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)
 E SCS : 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