

GLOBAL MARITIME 251330 IST

DATE/TIME OF ISSUE: 25-11-2024/0800 UTC

GMDSS BULLETIN I 250900

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 25TH NOVEMBER 2024 TO 00 UTC OF 27TH NOVEMBER 2024.

PART-I STORM WARNING: NIL.

PART-II SYNOPTIC WEATHER SYSTEM AT 0300 UTC:

WELL MARKED LOW PRESSURE AREA OVER SOUTHEAST BAY OF BENGAL AND ADJOINING EAST EQUATORIAL INDIAN OCEAN INTENSIFIED INTO A DEPRESSION

THE WELL MARKED LOW PRESSURE AREA OVER CENTRAL PARTS OF SOUTH BAY OF BENGAL AND ADJOINING EAST EQUATORIAL INDIAN OCEAN MOVED WESTNORTHWESTWARDS, INTENSIFIED INTO A DEPRESSION AND LAY CENTRED AT 0830 HOURS IST OF TODAY, THE 25TH NOVEMBER 2024 OVER CENTRAL PARTS OF SOUTH BAY OF BENGAL AND ADJOINING EAST EQUATORIAL INDIAN OCEAN NEAR LATITUDE 5.0°N AND LONGITUDE 85.3°E, ABOUT 600 KM SOUTHEAST OF TRINCOMALEE, 880 KM SOUTHEAST OF NAGAPATTINAM, 980 KM SOUTHEAST OF PUDUCHERRY AND 1050 KM SOUTHSOUTHEAST OF CHENNAI. IT IS LIKELY TO MOVE NORTHWESTWARDS AND INTENSIFY INTO A DEEP DEPRESSION DURING NEXT 24 HOURS. THEREAFTER, IT IS LIKELY TO CONTINUE TO MOVE NORTHWESTWARDS TOWARDS TAMIL NADU-SRI LANKA COASTS 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)
25.11.24/0830	5.0/85.3	40-50 gusting to 60
25.11.24/1730	5.7/84.3	45-55 gusting to 65
26.11.24/0530	6.8/83.5	50-60 gusting 70
26.11.24/1730	7.9/82.8	50-60 gusting 70
27.11.24/0530	8.9/82.1	55-65 gusting to 75
27.11.24/1730	9.8/81.5	55-65 gusting to 75
28.11.24/0530	10.8/80.9	55-65 gusting to 75

QUADRANT WIND FORECAST:

26.11.24/0530:

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.

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.

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.

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 25TH NOV 2024 TO 00 UTC OF 26TH NOV 2024.

- I) WIND DIRECTION AND SPEED: 1) W OF 75 DEG E: NE-LY 05/15 KTS BEC NW/W-LY 05/10 KTS TO THE S OF 5 DEG N.
2) RES T AREA: N/NW-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 26TH NOV 2024 TO 00 UTC OF 27TH NOV 2024.

- I) WIND DIRECTION AND SPEED: 1) W OF 70 DEG E: NE-LY 05/15 KTS BEC NW/W-LY 05/10 KTS TO THE S OF 5 DEG N.
2) RES T 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 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 25TH NOV 2024 TO 00 UTC OF 26TH NOV 2024.

- I) WIND DIRECTION AND SPEED: 1) N OF 20 DEG N: NE/E-LY 05/10 KTS.
2) REST AREA: N/NE-LY 05/15 KTS.
- II) WAVE HEIGHT: 0.5-2.0 M.
- III) WEATHER: FAIR.
- IV) VISIBILITY: GOOD

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

- I) WIND DIRECTION AND SPEED: 1) N OF 20 DEG N: ANTICYCLONIC 05/15 KTS.
2) REST AREA: NE-LY 05/15 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 25TH NOV 2024 TO 00 UTC OF 26TH NOV 2024.

- I) WIND DIRECTION AND SPEED: CYCLONIC 15/25 KTS AT 84 DEG E AND 7 DEG N.
- II) WAVE HEIGHT: 3.0-4.0.5 M.

III) WEATHER: WIDESPREAD RA/TS.
IV) VISIBILITY: VERY POOR.

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

I) WIND DIRECTION AND SPEED: CYCLONIC 20/30 KTS AT 9 DEG N AND 82 DEG E.
II) WAVE HEIGHT: 3.5-4.5 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 25TH NOV 2024 TO 00 UTC OF 26TH NOV 2024.

I) WIND DIRECTION AND SPEED: NE-LY 10/20 KTS BEC NE/E-LY 15/25 KTS TO THE S OF 15 DEG N .
II) WAVE HEIGHT: 2.0-3.5 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 26TH NOV 2024 TO 00 UTC OF 27TH NOV 2024.

I) WIND DIRECTION AND SPEED: 1) S OF 15 DEG N: CYCLONIC 20/30 KTS.
 2) REST AREA: NE/E-LY 10/20 KTS.
II) WAVE HEIGHT: 3.0-4.0 M.
III) WEATHER: 1) S OF 15 DEG N: WIDESPREAD RA/TS.
 2) REST AREA: FAIR.
IV) VISIBILITY: 1) S OF 15 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.

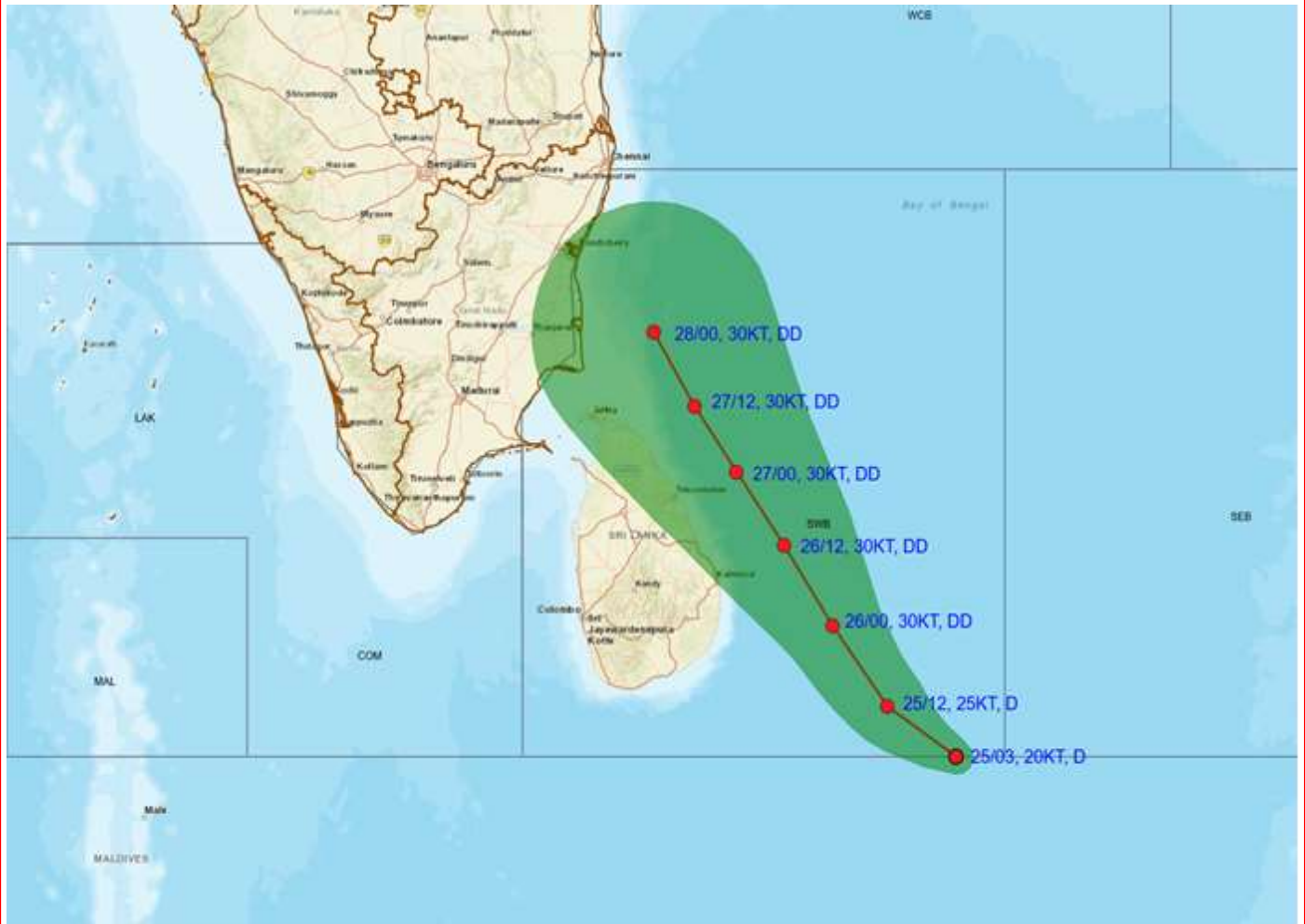
NEXT FORECAST WILL BE ISSUED AT 25/1700 UTC.

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TOO: 25/1330



OBSERVED TRACK ALONG WITH CONE OF UNCERTAINTY OF DEPRESSION OVER CENTRAL PARTS OF SOUTHEAST BAY OF BENGAL AND ADJOINING EAST EQUATORIAL INDIAN OCEAN BASED ON 0300 UTC (0830 HRS. IST) OF 25TH NOVEMBER, 2024



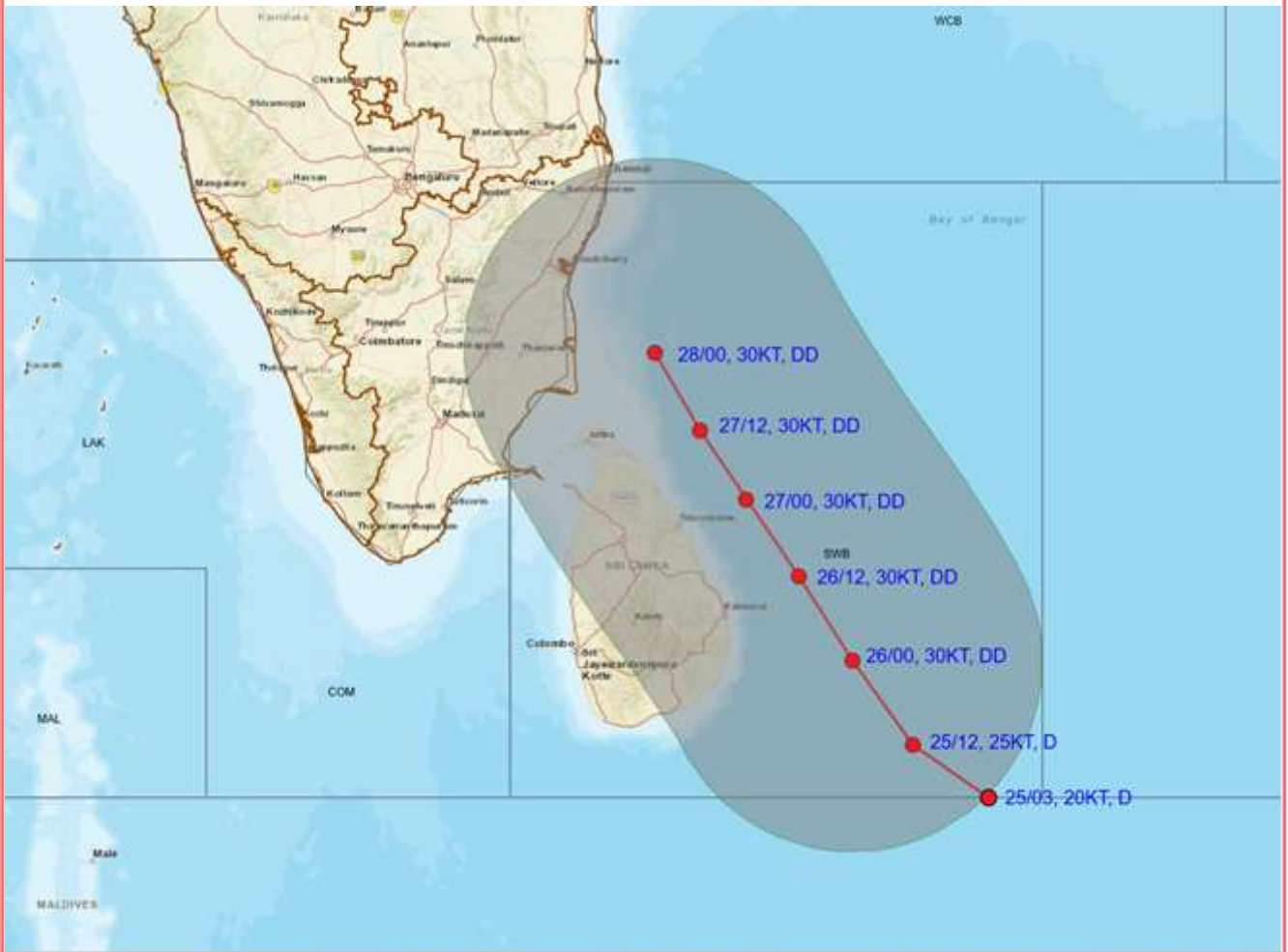
DATE/TIME : IN UTC
IST : UTC + 0530
KT : NAUTICAL MILE S/HOUR = 1.85 KM/HOUR
LPA : LOW PRESSURE AREA
WML : WELL MARKED LOW PRESSURE AREA
D : DEPRESSION (17-27 KT)
DD : DEEP DEPRESSION (28-33 KT)
CS : CYCLONIC STORM (34-47 KT)
SCS : SEVERE CYCLONIC STORM (48-63 KT)
VSCS : VERY SEVERE CYCLONIC STORM (64-89 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
25.11.24/0300	500, SE	590, SE	870, SE	980, SE	1050, SSE
26.11.24/0000	230, ESE	320, SE	600, SE	700, SE	780, SSE
27.11.24/0000	160, NNE	120, ENE	320, SE	420, SE	490, SSE
28.11.24/0000	350, N	250, N	150, E	200, SE	270, SSE



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEPRESSION OVER CENTRAL PARTS OF SOUTHEAST BAY OF BENGAL AND ADJOINING EAST EQUATORIAL INDIAN OCEAN BASED ON 0300 UTC (0830 HRS. IST) OF 25TH 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
 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