

GLOBAL MARITIME 271330 IST

DATE/TIME OF ISSUE: 27-11-2024/0800 UTC

GMDSS BULLETIN I 270900

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 27TH NOVEMBER 2024 TO 00 UTC OF 29TH NOVEMBER 2024.

PART-I STORM WARNING: NIL.

PART-II SYNOPTIC WEATHER SYSTEM AT 0300 UTC:

SUB: THE DEEP DEPRESSION OVER SOUTHWEST BAY OF BENGAL

THE DEEP DEPRESSION OVER SOUTHWEST BAY OF BENGAL MOVED NORTH-NORTHWESTWARDS WITH A SPEED OF 13 KMPH DURING PAST 6 HOURS AND LAY CENTRED AT 0830 HOURS IST OF TODAY, THE 27TH NOVEMBER 2024 OVER THE SAME REGION NEAR LATITUDE 8.5°N AND LONGITUDE 82.3°E, ABOUT 120 KM EAST-SOUTHEAST OF TRINCOMALEE, 370 KM SOUTHEAST OF NAGAPPATTINAM, 470 KM SOUTHEAST OF PUDUCHERRY AND 550 KM SOUTH-SOUTHEAST OF CHENNAI.

IT IS VERY LIKELY TO CONTINUE TO MOVE NORTH-NORTHWESTWARDS AND INTENSIFY FURTHER INTO A CYCLONIC STORM DURING NEXT 12 HOURS. 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)
27.11.24/1130	8.8/82.2	55-65 gusting to 75
27.11.24/1730	9.1/82.1	60-70 gusting to 80
27.11.24/2330	9.5/82.0	60-70 gusting to 80
28.11.24/0530	10.0/81.9	65-75 gusting to 85
28.11.24/1730	10.6/81.9	65-75 gusting to 85
29.11.24/0530	11.3/81.8	65-75 gusting to 85
29.11.24/1730	12.0/81.5	60-70 gusting to 80
30.11.24/0530	12.6/80.8	55-65 gusting to 75

QUADRANT WIND FORECAST:

27.11.24/1130:

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.

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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.

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28.11.24/1130:

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PART-III AREA FORECAST:

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

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 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-LY15/25 KTS.

- II) WAVE HEIGHT: 1.5-2.5 M.
- III) WEATHER: 1) S OF 5 DEG N: FAIRLY WIDESPREAD RA/TS.
2) REST AREA: ISOLATED RA/TS.
- IV) VISIBILITY: 1) S OF 8 DEG N: POOR.
2) REST AREA: GOOD.

ARB A1-FORECAST VALID FROM 00 UTC OF 28TH NOV 2024 TO 00 UTC OF 29TH 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 05/15 KTS.
- II) WAVE HEIGHT: 1.5-2.5 M.
- III) WEATHER: 1) S OF 5 DEG N: FAIRLY WIDESPREAD RA/TS.
2) REST AREA: ISOLATED RA/TS.
- IV) VISIBILITY: 1) S OF 5 DEG N: POOR.
2) REST AREA: GOOD.

**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 00 UTC OF 27TH NOV 2024 TO 00 UTC OF 28TH NOV 2024.

- I) WIND DIRECTION AND SPEED: 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 28TH NOV 2024 TO 00 UTC OF 29TH 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 00 UTC OF 27TH NOV 2024 TO 00 UTC OF 28TH NOV 2024.

- I) WIND DIRECTION AND SPEED: CYCLONIC 35/40 KTS AT 82.1 DEG E AND 9.1 DEG N.
- II) WAVE HEIGHT: 4.0-6.0 M.
- III) WEATHER: 1) W OF 90 DEG E: WIDESPREAD RA/TS.
2) REST AREA: ISOLATED RA/TS.
- IV) VISIBILITY: 1) W OF 90 DEG E: VERY POOR.
2) REST AREA: GOOD.

BOB A3-FORECAST VALID FROM 00 UTC OF 28TH NOV 2024 TO 00 UTC OF 29TH NOV 2024.

- I) WIND DIRECTION AND SPEED: 1) W OF 85 DEG E: S/SW-LY 20/30 KTS.
2) S OF 5 DEG N TO THE E OF 90 DEG E: NW-LY 05/10 KTS.
3) REST AREA: SE-LY 15/25 KTS.
- 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 00 UTC OF 27TH NOV 2024 TO 00 UTC OF 28TH NOV 2024.

- I) WIND DIRECTION AND SPEED: 1) S OF 15 DEG N: SE/E-LY 20/30 KTS BEC CYCLONIC. 30/35 KTS
AT 82.1 DEG E AND 9.1 DEG N.
2) REST AREA: NE-LY 10/20 KTS.
- II) WAVE HEIGHT: 2.5-4.5 M.
- III) WEATHER: 1) S OF 20 DEG N: WIDESPREAD RA/TS.
2) REST AREA: ISOLATED RA/TS.
- IV) VISIBILITY: 1) S OF 20 DEG N: VERY POOR.

2) REST AREA: GOOD.

BOB A4-FORECAST VALID FROM 00 UTC OF 28TH NOV 2024 TO 00 UTC OF 29TH NOV 2024.

I) WIND DIRECTION AND SPEED: 1) S OF 20 DEG N: SE/E-LY 15/25 KTS BEC CYCLONIC. 35/40 KTS
AT 11.3 DEG N AND 81.8 DEG E.

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

II) WAVE HEIGHT: 6.0-9.0 M.

III) WEATHER: 1) W OF 95 DEG E: WIDESPREAD RA/TS.

2) REST AREA: ISOLATED RA/TS.

IV) VISIBILITY: 1) W OF 95 DEG E: VERY POOR.

2) REST AREA: GOOD.

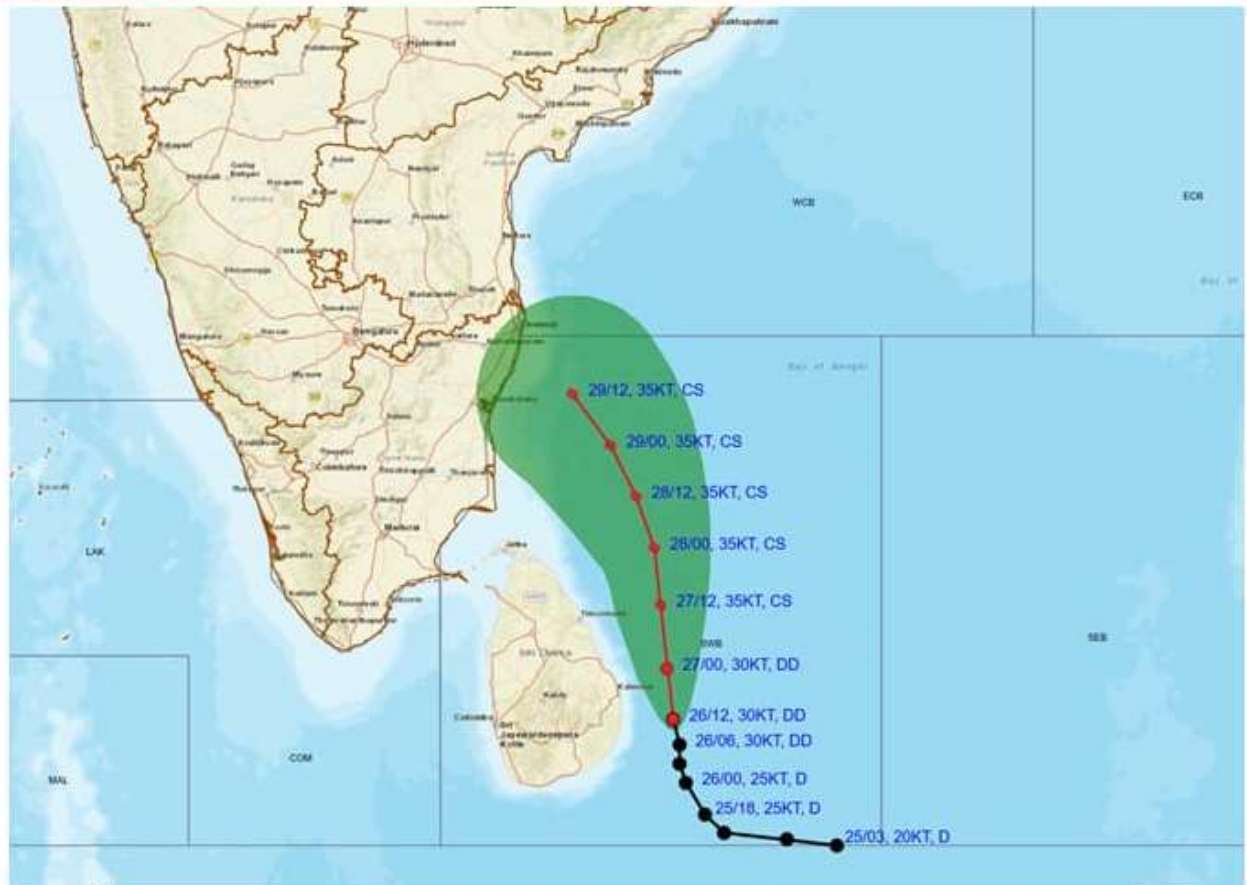
ADVISORY: PLEASE BE AWARE. WIND WAVE FORECASTS ARE AVERAGES. WIND GUSTS
CAN BE 40 PER CENT STRONGER THAN THE FORECAST. MAXIMUM WAVE HEIGHT CAN BE
TWICE THE FORECAST WAVE HEIGHT.

NEXT FORECAST WILL BE ISSUED AT 27/1700 UTC.

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TOO: 27/1330



OBSERVED AND FORECAST TRACK ALONG WITH CONE OF UNCERTAINTY OF DEEP DEPRESSION OVER SOUTHWEST BAY OF BENGAL BASED ON 1200 UTC (1730 HRS. IST) OF 26TH NOVEMBER, 2024



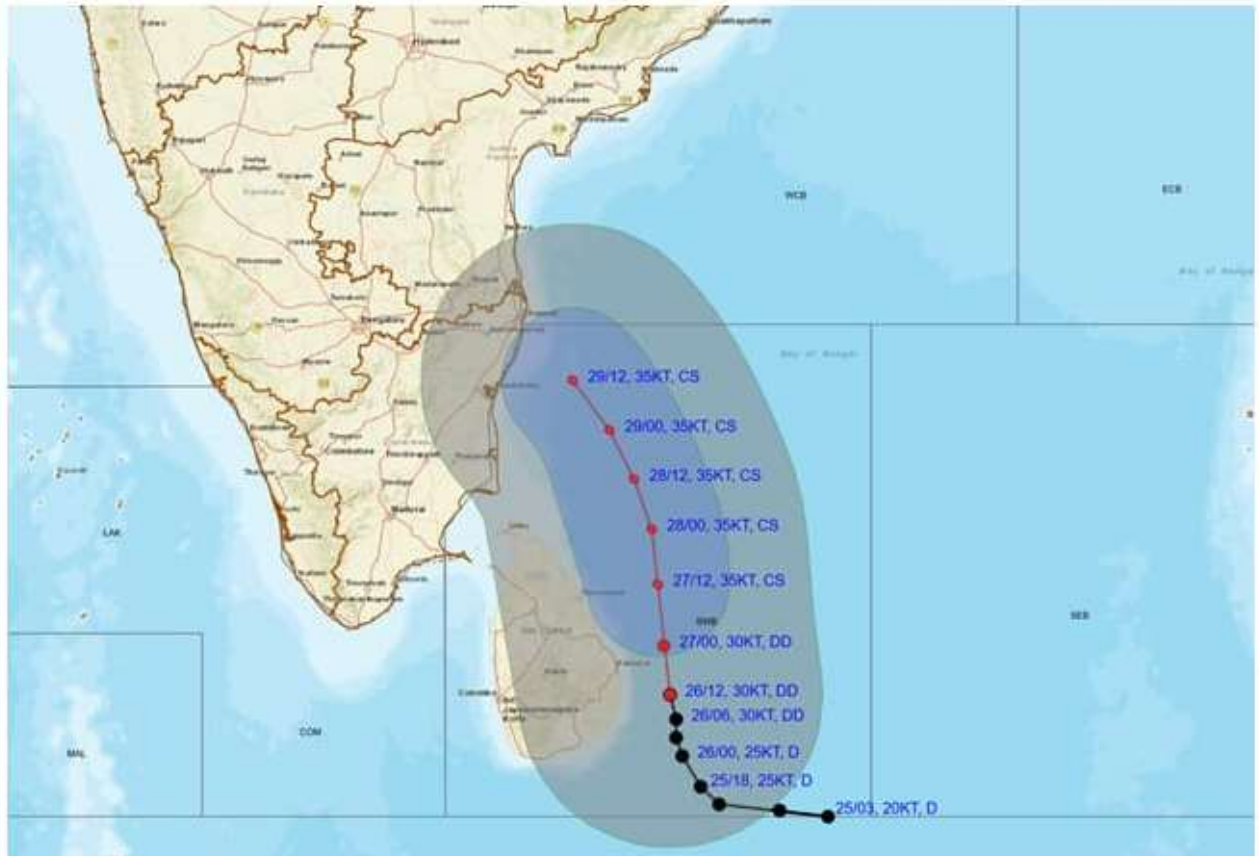
DATE/TIME : IN UTC
 IST : UTC + 0530
 KT : NAUTICAL MILE S/HOUR = 1.85 KM/HOUR
 LPA : LOW PRESSURE AREA
 WML : WELL MARKED LOW PRESSURE AREA
 D : DEPRESSION (17-27 KT)
 DD : DEEP DEPRESSION (28-33 KT)
 CS : CYCLONIC STORM (34-47 KT)
 SCS : SEVERE CYCLONIC STORM (48-63 KT)
 VSCS : VERY SEVERE CYCLONIC 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				
	BATTICALŌA	TRINCOMALEE	NAGAPPATTINAM	PUDUCHERRY	CHENNAI/MINAMBAKKAM
26.11.24/1200	140, SE	240, SE	520, SE	640, SSE	720, SSE
27.11.24/1200	150, NE	140, E	360, SE	460, SE	530, SSE
28.11.24/1200	310, N	230, NNE	250, E	300, ESE	350, SE
29.11.24/1200	490, N	390, N	200, NE	140, E	140, SE



OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF DEEP DEPRESSION OVER SOUTHWEST BAY OF BENGAL BASED ON 1200 UTC (1730 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
 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

