

GLOBAL MARITIME 301330 IST

DATE/TIME OF ISSUE: 30-11-2024/0800 UTC

GMDSS BULLETIN I 300900

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 30<sup>TH</sup> NOVEMBER 2024 TO 00 UTC OF 01<sup>ST</sup> DECEMBER 2024.

PART-I STORM WARNING:

**SUB: CYCLONIC STORM "FENGAL" [PRONOUNCED AS FEINJAL] OVER SOUTHWEST BAY OF BENGAL.**

THE CYCLONIC STORM "FENGAL" [PRONOUNCED AS FEINJAL] OVER SOUTHWEST BAY OF BENGAL MOVED WEST-NORTHWESTWARDS WITH A SPEED OF 13 KMPH DURING PAST 6 HOURS AND LAY CENTRED AT 0830 HOURS IST OF TODAY, THE 30TH NOVEMBER 2024 OVER THE SAME REGION NEAR LATITUDE 12.3°N AND LONGITUDE 80.9°E, ABOUT 120 KM EAST-NORTHEAST OF PUDUCHERRY, 110 KM SOUTHEAST OF CHENNAI, 200 KM NORTH-NORTHEAST OF NAGAPPATTINAM AND 420 KM NORTH OF TRINCOMALEE.

IT IS LIKELY TO MOVE NEARLY WESTWARDS AND CROSS NORTH TAMIL NADU-PUDUCHERRY COASTS BETWEEN KARAİKAL AND MAHABALIPURAM CLOSE TO PUDUCHERRY AS A CYCLONIC STORM WITH A WIND SPEED OF 70-80 KMPH GUSTING TO 90 KMPH DURING EVENING OF 30TH NOVEMBER.

FORECAST TRACK AND INTENSITY ARE GIVEN IN THE FOLLOWING TABLE:

Date/ Time (IST)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)	Category of cyclonic disturbance
30.11.24/0830	12.3/80.9	75-85 GUSTING TO 95	CYCLONIC STORM
30.11.24/1130	12.3/80.5	75-85 GUSTING TO 95	CYCLONIC STORM
30.11.24/1730	12.2/80.0	70-80 GUSTING TO 90	CYCLONIC STORM
30.11.24/2330	12.1/79.7	55-65 GUSTING TO 75	DEEP DEPRESSION

**QUADRANT WIND FORECAST:**

30.11.24/0830:

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.

WINDSPEEDS REACHING 34 KT AT AROUND 50 NM, 65 NM RADIUS FROM THE CENTRE IN THE NW, NE QUADRANTS RESPECTIVELY, 45 NM & 60 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

30.11.24/1130:

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.

WINDSPEEDS REACHING 34 KT AT AROUND 50 NM, 65 NM RADIUS FROM THE CENTRE IN THE NW, NE QUADRANTS RESPECTIVELY, 45 NM & 60 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

30.11.24/1730:

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 50 NM, 65 NM RADIUS FROM THE CENTRE IN THE NW, NE QUADRANTS RESPECTIVELY, 45 NM & 60 NM FROM THE CENTRE IN THE SW, SE QUADRANTS RESPECTIVELY.

30.11.24/2330:

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-II SYNOPTIC WEATHER SYSTEM AT 0300 UTC:

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 30<sup>TH</sup> NOV 2024 TO 00 UTC OF 01<sup>ST</sup> NOV 2024.**

- I) WIND DIRECTION AND SPEED: 1) W OF 60 DEG E: NE/N-LY 10/20 KTS.  
2) REST AREA: N/NW-LY 05/15 KTS BEC NW/W-LY 15/20 KTS TO THE E OF 68 DEG E.

II) WAVE HEIGHT: 1.5-3.0 M.

- III) WEATHER: 1) S OF 3 DEG N: WIDESPREAD RA/TS.  
2) E OF 75 DEG E: WIDESPREAD RA/TS.  
3) REST AREA: ISOLATED RA/TS.

- IV) VISIBILITY: 1) S OF 3 DEG N: VERY POOR.  
2) E OF 75 DEG E: VERY POOR.  
3) REST AREA: GOOD.

**ARB A1-FORECAST VALID FROM 00 UTC OF 01<sup>ST</sup> DEC 2024 TO 00 UTC OF 02<sup>ND</sup> DECEMBER 2024.**

- I) WIND DIRECTION AND SPEED: 1) W OF 60 DEG E: NE/N-LY 10/20 KTS.  
2) REST AREA: N/NW-LY 10/15 KTS BEC NW/W-LY 15/25 KTS TO THE E OF 75 DEG E.

II) WAVE HEIGHT: 1.5-3.0 M.

- III) WEATHER: 1) S OF 3 DEG N TO THE E OF 60 DEG E: WIDESPREAD RA/TS.  
2) E OF 75 DEG E: SCATTERED RA/TS.  
3) REST AREA: FAIR.

- IV) VISIBILITY: 1) S OF 3 DEG N TO THE E OF 60 DEG E: VERY POOR.  
2) E OF 75 DEG E: MODERATE.  
3) 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 09 UTC OF 30<sup>TH</sup> NOV 2024 TO 00 UTC OF 01<sup>ST</sup> NOV 2024.**

- I) WIND DIRECTION AND SPEED: 1) N OF 20 DEG N: NW/N-LY 10/20 KTS.  
2) REST AREA: N/NE-LY 10/15 KTS.

II) WAVE HEIGHT: 0.5-2.0 M.

III) WEATHER: FAIR.

IV) VISIBILITY: GOOD.

**ARB A2-FORECAST VALID FROM 00 UTC OF 01<sup>ST</sup> DEC 2024 TO 00 UTC OF 02<sup>ND</sup> DECEMBER 2024.**

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

2) REST AREA: N/NE-LY 05/15 KTS.

II) WAVE HEIGHT: 0.5-2.0 M.

III) WEATHER: 1) E OF 71 DEG E TO THE S OF 14 DEG N: WIDESPREAD RA/TS.

2) REST AREA: FAIR.

IV) VISIBILITY: 1) E OF 71 DEG E TO THE S OF 14 DEG N: VERY POOR.

2) REST AREA: 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 30<sup>TH</sup> NOV 2024 TO 00 UTC OF 01<sup>ST</sup> NOV 2024.**

I) WIND DIRECTION AND SPEED: W/SW-LY 15/25 KTS BEC CYCLONIC 35/45 KTS AT 81.0 DEG E AND 12.3 DEG N.

II) WAVE HEIGHT: 6.0-9.0 M.

III) WEATHER: WIDESPREAD RA/TS.

IV) VISIBILITY: VERY POOR.

**BOB A3-FORECAST VALID FROM 00 UTC OF 01<sup>ST</sup> DEC 2024 TO 00 UTC OF 02<sup>ND</sup> DECEMBER 2024.**

I) WIND DIRECTION AND SPEED: W/SW-LY 15/20 KTS BEC S/SE-LY 10/25 KTS TO THE N OF 8 DEG N.

II) WAVE HEIGHT: 4.0-6.0 M.

III) WEATHER: FAIRLY WIDESPREAD RA/TS.

IV) VISIBILITY: POOR.

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

**BOB A4-FORECAST VALID FROM 09 UTC OF 30<sup>TH</sup> NOV 2024 TO 00 UTC OF 01<sup>ST</sup> NOV 2024.**

I) WIND DIRECTION AND SPEED: 1) S OF 20 DEG N: SE-LY 15/20 KTS BEC CYCLONIC. 35/45 KTS AT 81.0 DEG E AND 12.3 DEG N.

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

II) WAVE HEIGHT: 6.0-9.0 M.

III) WEATHER: WIDESPREAD RA/TS.

IV) VISIBILITY: VERY POOR.

**BOB A4-FORECAST VALID FROM 00 UTC OF 01<sup>ST</sup> DEC 2024 TO 00 UTC OF 02<sup>ND</sup> DECEMBER 2024.**

I) WIND DIRECTION AND SPEED: 1) S OF 20 DEG N: SE-LY 15/20 KTS BEC CYCLONIC. 20/25 KTS AT 81.0 DEG E AND 12.3 DEG N.

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

II) WAVE HEIGHT: 4.0-6.0 M.

III) WEATHER: 1) S OF 20 DEG N: WIDESPREAD RA/TS.

2) REST AREA: FAIR.

IV) VISIBILITY: 1) S OF 20 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 30/1700 UTC.

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TOO: 30/1330.



**OBSERVED AND FORECAST TRACK ALONG WITH CONE OF UNCERTAINTY OF CYCLONIC STORM "FENGAL" OVER SOUTHWEST BAY OF BENGAL BASED ON 0300 UTC (0830 HRS. IST) OF 30<sup>TH</sup> NOVEMBER, 2024.**





**OBSERVED AND FORECAST TRACK ALONGWITH QUADRANT WIND DISTRIBUTION OF CYCLONIC STORM "FENGAL" OVER SOUTHWEST BAY OF BENGAL BASED ON 0300 UTC (0830 HRS. IST) OF 30<sup>TH</sup> NOVEMBER, 2024.**



