

GLOBAL MARITIME 231530 IST  
DATE/TIME OF ISSUE: 23-10-2024/1000 UTC  
SPL GMDSS BULLETIN NO-6 231000  
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 10 UTC OF 23<sup>RD</sup> OCTOBER 2024 TO 00 UTC OF 25<sup>TH</sup> OCTOBER 2024.

**PART-I STORM WARNING:**

SUBJECT: CYCLONIC STORM "DANA" OVER EASTCENTRAL BAY OF BENGAL (CYCLONE WARNING FOR ODISHA AND WEST BENGAL COASTS: ORANGE MESSAGE)

THE CYCLONIC STORM "DANA" (PRONOUNCED AS DANA) OVER EASTCENTRAL BAY OF BENGAL MOVED NORTHWESTWARDS WITH A SPEED OF 13 KMPH DURING PAST 6 HOURS AND LAY CENTRED AT 0600 UTC OF TODAY, THE 23<sup>RD</sup> OCTOBER, OVER THE SAME REGION NEAR LATITUDE 16.7 DEG N AND LONGITUDE 89.3 DEG E, ABOUT 490 KM SOUTHEAST OF PARADIP (ODISHA), 520 KM SOUTH-SOUTHEAST OF DHAMARA (ODISHA) AND 570 KM SOUTH-SOUTHEAST OF SAGAR ISLAND (WEST BENGAL).

IT IS VERY LIKELY TO MOVE NORTHWESTWARDS AND INTENSIFY INTO A SEVERE CYCLONIC STORM OVER NORTHWEST BAY OF BENGAL BY EARLY MORNING OF 24<sup>TH</sup> AND CROSS NORTH ODISHA AND WEST BENGAL COASTS BETWEEN PURI AND SAGAR ISLAND CLOSE TO BHITARKANIKA AND DHAMARA (ODISHA) DURING NIGHT OF 24TH TO MORNING OF 25TH OCTOBER, 2024 AS A SEVERE CYCLONIC STORM WITH A WIND SPEED OF 100-110 KMPH GUSTING 120 KMPH.

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

DATE/TIME (IST)	POSITION (LAT. 0N/LONG. 0E)	MAXIMUM SUSTAINED SURFACE WIND SPEED (KMPH)
23.10.24/1130	16.7/89.3	70-80 GUSTING TO 90 CYCLONIC STORM
23.10.24/1730	17.3/88.7	80-90 GUSTING TO 100 CYCLONIC STORM
23.10.24/2330	18.0/88.3	90-100 GUSTING TO 110 SEVERE CYCLONIC STORM
24.10.24/0530	18.7/88.0	100-110 GUSTING TO 120 SEVERE CYCLONIC STORM
24.10.24/1130	19.4/87.7	100-110 GUSTING TO 120 SEVERE CYCLONIC STORM
24.10.24/2330	20.5/87.3	100-110 GUSTING TO 120 SEVERE CYCLONIC STORM
25.10.24/1130	21.2/86.6	95-105 GUSTING TO 115 SEVERE CYCLONIC STORM
25.10.24/2330	21.6/85.7	65-75 GUSTING TO 85 CYCLONIC STORM

**QUADRANT WIND INFORMATION:**

**23.10.2024/0600:**

WINDSPEEDS REACHING 27 KT AT AROUND 100 NM RADIUS FROM THE CENTRE IN THE NE, QUADRANT, 80 NM FROM THE CENTRE IN THE NW QUADRANT, EXTENDING UP TO 150 NM & 180 NM IN THE SE, SW QUADRANTS RESPECTIVELY.  
GALE WINDS REACHING 34 KT AT AROUND 75 NM RADIUS FROM THE CENTRE IN THE NE QUADRANTS AND EXTENDING UP TO 80 NM IN THE NW QUADRANT, 85 NM IN THE SSE, SW QUADRANTS.

**23.10.2024/1200:**

WINDSPEEDS REACHING 27 KT AT AROUND 100 NM RADIUS FROM THE CENTRE IN THE NE, QUADRANT, 90 NM FROM THE CENTRE IN THE NW QUADRANT, EXTENDING UP TO 150 NM & 180 NM IN THE SE, SW QUADRANTS RESPECTIVELY.

GALE WINDS REACHING 34 KT AT AROUND 75 NM RADIUS FROM THE CENTRE IN THE NE QUADRANTS AND EXTENDING UP TO 90 NM IN THE NW QUADRANT, ABOUT 85 NM IN THE SE, SW QUADRANTS.

**23.10.2024/1800:**

WINDSPEEDS REACHING 27 KT AT AROUND 100 NM RADIUS FROM THE CENTRE IN THE NE, QUADRANT, 100 NM FROM THE CENTRE IN THE NW QUADRANT, EXTENDING UP TO 150 NM & 200 NM IN THE SE, SW QUADRANTS RESPECTIVELY.

GALE WINDS REACHING 34 KT AT AROUND 75 NM RADIUS FROM THE CENTRE IN THE NE, SE QUADRANTS, 85 NM IN THE SE QUADRANT, AND EXTENDING UP TO 100 NM IN THE NW, SW QUADRANTS.

GALE WINDS REACHING 50 KT AT AROUND 50 NM RADIUS FROM THE CENTRE IN THE NE, SE QUADRANTS, AND EXTENDING UP TO 70 NM IN THE NW, SW QUADRANTS.

**24.10.2024/0000:**

WINDSPEEDS REACHING 27 KT AT AROUND 100 NM RADIUS FROM THE CENTRE IN THE SE, SW QUADRANTS AND EXTENDING UP TO 110 NM IN THE NE, NW QUADRANTS.

GALE WINDS REACHING 34 KT AT AROUND 75 NM RADIUS FROM THE CENTRE IN THE NE, QUADRANT, 85 SE IN THE NW QUADRANT, AND EXTENDING UP TO 100 NM IN THE NW, SW QUADRANTS.

GALE WINDS REACHING 50 KT AT AROUND 50 NM RADIUS FROM THE CENTRE IN THE NE, SE QUADRANTS, AND EXTENDING UP TO 70 NM IN THE NW, SW QUADRANTS.

**24.10.2024/1200:**

WINDSPEEDS REACHING 27 KT AT AROUND 100 NM RADIUS FROM THE CENTRE IN THE NE, QUADRANT, 100 NM FROM THE CENTRE IN THE NW QUADRANT, EXTENDING UP TO 150 NM & 200 NM IN THE SE, SW QUADRANTS RESPECTIVELY.

GALE WINDS REACHING 34 KT AT AROUND 75 NM RADIUS FROM THE CENTRE IN THE NE, QUADRANT, 85 SE IN THE NW QUADRANT, AND EXTENDING UP TO 100 NM IN THE NW, SW QUADRANTS.

GALE WINDS REACHING 50 KT AT AROUND 50 NM RADIUS FROM THE CENTRE IN THE NE, SE QUADRANTS, AND EXTENDING UP TO 70 NM IN THE NW, SW QUADRANTS.

**25.10.2024/0000:**

WINDSPEEDS REACHING 27 KT AT AROUND 100 NM RADIUS FROM THE CENTRE IN THE NE, QUADRANT, 100 NM FROM THE CENTRE IN THE NW QUADRANT, EXTENDING UP TO 160 NM & 200 NM IN THE SE, SW QUADRANTS RESPECTIVELY.

GALE WINDS REACHING 34 KT AT AROUND 75 NM RADIUS FROM THE CENTRE IN THE NE, QUADRANT, 85 SE IN THE NW QUADRANT, AND EXTENDING UP TO 100 NM IN THE NW, SW QUADRANTS.

GALE WINDS REACHING 50 KT AT AROUND 50 NM RADIUS FROM THE CENTRE IN THE NE, SE QUADRANTS, AND EXTENDING UP TO 70 NM IN THE NW, SW QUADRANTS.

**25.10.2024/1200:**

WINDSPEEDS REACHING 27 KT AT AROUND 100 NM RADIUS FROM THE CENTRE IN THE NE, QUADRANT, 80 NM FROM THE CENTRE IN THE NW QUADRANT, EXTENDING UP TO 160 NM & 180 NM IN THE SE, SW QUADRANTS RESPECTIVELY.

GALE WINDS REACHING 34 KT AT AROUND 75 NM RADIUS FROM THE CENTRE IN THE NE, NW QUADRANTS, AND EXTENDING UP TO 85 NM IN THE SE, SW QUADRANTS.

**PART-II SYNOPTIC WEATHER SYSTEM AT 0300 UTC:**

AN UPPER AIR CYCLONIC CIRCULATION LIES OVER EASTCENTRAL ARABIAN SEA IN LOWER AND MIDDLE TROPOSPHERIC LEVELS.

**PART-III AREA FORECAST:**

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

**ARB A1-FORECAST VALID FROM 10 UTC OF 23<sup>RD</sup> OCT 2024 TO 00 UTC OF 24<sup>TH</sup> OCT 2024.**

1) WIND DIRECTION AND SPEED: 1) W OF 60 DEG E: SW-LY 05/15 KTS BEC NW/W-LY 05/10 KTS TO THE E OF 55 DEG E.

- 2) N OF 5 DEG N TO THE E OF 60 TO 75 DEG E: NW/W-LY 05/10 KTS BEC CYCLONIC 05/10 KTS AT 70 DEG E AND 8 DEGN.
- 3) REST AREA: SW-LY 10/20 KTS.

- II) WAVE HEIGHT: 1.0-1.5 M.
- III) WEATHER: 1) E OF 52 DEG E: WIDESPREAD RA/TS.
  - 2) REST AREA: FAIR.
- IV) VISIBILITY: 1) E OF 52 DEG E: VERY POOR.
  - 2) REST AREA: GOOD.

**ARB A1-FORECAST VALID FROM 00 UTC OF 24<sup>TH</sup> OCT 2024 TO 00 UTC OF 25<sup>TH</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: 1) W OF 60 DEG E: SW-LY 05/15 KTS BEC NW/W-LY 05/10 KTS TO THE E OF 55 DEG E.
  - 2) N OF 5 DEG N TO THE E OF 60 TO 70 DEG E: CYCLONIC 05/10 KTS.
  - 3) REST AREA: SW-LY 10/20 KTS.
- II) WAVE HEIGHT: 1.0-1.5 M.
- III) WEATHER: 1) E OF 55 DEG E: WIDESPREAD RA/TS.
  - 2) REST AREA: FAIR.
- IV) VISIBILITY: 1) E OF 55 DEG E: VERY 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 10 UTC OF 23<sup>RD</sup> OCT 2024 TO 00 UTC OF 24<sup>TH</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: 1) S OF 20 DEG N TO THE W OF 60 DEG E: SE-LY 05/10 KTS.
  - 2) N OF 20 DEG N: ANTI-CYCLONIC 05/10 KTS.
  - 3) REST AREA: N/NE-LY 05/10 KTS.
- II) WAVE HEIGHT: 1.0-1.5 M.
- III) WEATHER: 1) S OF 15 DEG N TO THE E OF 60 DEG E: FAIRLY WIDESPREAD RA/TS.
  - 2) N OF 20 DEG N: FAIR.
  - 3) REST AREA: SCATTERED RA/TS.
- IV) VISIBILITY: 1) S OF 15 DEG N TO THE E OF 60 DEG E: POOR.
  - 2) N OF 20 DEG N: GOOD.
  - 3) REST AREA: MODERATE.

**ARB A2- FORECAST VALID FROM 00 UTC OF 24<sup>TH</sup> OCT 2024 TO 00 UTC OF 25<sup>TH</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: 1) S OF 20 DEG N TO THE W OF 60 DEG E: NE/E-LY 05/10 KTS BEC SE-LY 05/10 KTS TO THE W OF 55 DEG E DEG E.
  - 2) REST AREA: NW-LY 05/10 KTS BEC N/NE-LY 05/10 KTS TO THE S OF 18 DEG N.
- II) WAVE HEIGHT: 1.0-1.5 M.
- III) WEATHER: 1) S OF 15 DEG N: FAIRLY WIDESPREAD RA/TS.
  - 2) N OF 20 DEG N: FAIR.
  - 3) REST AREA: SCATTERED RA/TS.
- IV) VISIBILITY: 1) S OF 15 DEG N: POOR.
  - 2) N OF 20 DEG N: GOOD.
  - 3) REST AREA: MODERATE.

**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 10 UTC OF 23<sup>RD</sup> OCT 2024 TO 00 UTC OF 24<sup>TH</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: SW-LY 10/20 KTS.
- II) WAVE HEIGHT: 1.5-2.5 M.
- III) WEATHER: 1) N OF 5 DEG N: WIDESPREAD RA/TS.
  - 2) REST AREA: ISOLATED RA/TS.
- IV) VISIBILITY: 1) N OF 5 DEG N: VERY POOR.
  - 2) REST AREA: GOOD.

**BOB A3-FORECAST VALID FROM 00 UTC OF 24<sup>TH</sup> OCT 2024 TO 00 UTC OF 25<sup>TH</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: 1) N OF 5 DEG N: S/SW-LY 10/20 KTS.
  - 2) REST AREA: SW/W-LY 05/15 KTS BEC NW/W-LY 05/10 KTS TO THE E OF 90 DEG E.

- II) WAVE HEIGHT: 1.0-2.5 M.
- III) WEATHER: 1) N OF 6 DEG N: WIDESPREAD RA/TS.  
2) REST AREA: ISOLATED RA/TS.
- IV) VISIBILITY: 1) N OF 5 DEG N: VERY POOR.  
2) REST AREA: GOOD.

**BOB: A4: BAY OF BENGAL N OF 10 DEG N E OF 80 DEG E.  
BOB A4-FORECAST VALID FROM 10 UTC OF 23<sup>RD</sup> OCT 2024 TO 00 UTC OF 24<sup>TH</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: 1) N OF 15 DEG N: CYCLONIC 48/63 KTS AT 16.7 DEG N AND 89.3 DEG E.  
2) REST AREA: SW-LY 15/25 KTS.
- II) WAVE HEIGHT: 9.0-14.0 M.
- III) WEATHER: WIDESPREAD RA/TS.
- IV) VISIBILITY: VERY POOR.

**BOB A4-FORECAST VALID FROM 00 UTC OF 24<sup>TH</sup> OCT 2024 TO 00 UTC OF 25<sup>TH</sup> OCT 2024.**

- I) WIND DIRECTION AND SPEED: 1) N OF 15 DEG N: CYCLONIC 48/63 KTS AT 20.9 DEG N AND 86.9 DEG E.  
2) REST AREA: SW-LY 15/25 KTS.
- II) WAVE HEIGHT: 9.0-14.0 M.
- III) WEATHER: 1) N OF 15 DEG N: WIDESPREAD RA/TS.  
2) S OF 13 DEG N: WIDESPREAD RA/TS.  
3) REST AREA: SCATTERED RA/TS.
- IV) VISIBILITY: 1) N OF 15 DEG N: VERY POOR  
2) S OF 13 DEG N: VERY POOR  
3) REST AREA: MODERATE.

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 23/1700 UTC.

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TOO: 23/1530.