

GLOBAL MARITIME 241530 IST

DATE/TIME OF ISSUE: 24-05-2024/1000 UTC

SPL GMDSS BULLETIN NO-1 241000

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 12 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 NORTHEASTWARDS TO MYANMAR/THAIL FRONTIER IN 10 DEG N 98 DEG 30'E NORTHWARDS COVERING ENTIRE BAY OF BENGAL.

VALID FROM 10 UTC OF 24TH MAY 2024 TO 00 UTC OF 26TH MAY 2024.

PART-I STORM WARNING:

SUB: DEPRESSION OVER EASTCENTRAL BAY OF BENGAL (PRE-CYCLONE WATCH FOR WEST BENGAL COAST)

THE DEPRESSION OVER CENTRAL BAY OF BENGAL MOVED NORTH-NORTHEASTWARDS WITH A SPEED OF 16 KMPH DURING PAST 06 HOURS AND LAY CENTERED AT 1130 HRS IST OF TODAY, THE 24TH MAY, 2024 OVER EASTCENTRAL BAY OF BENGAL NEAR LATITUDE 15.8°N AND LONGITUDE 88.9°E, ABOUT 700 KM SOUTH-SOUTHWEST OF KHEPUPARA (BANGLADESH), ABOUT 660 KM SOUTH-SOUTHEAST OF SAGAR ISLANDS (WEST BENGAL) AND 710 KM SOUTH OF CANNING (WEST BENGAL).

IT IS VERY LIKELY TO CONTINUE TO MOVE NORTH-NORTHEASTWARDS AND INTENSIFY INTO A **CYCLONIC STORM** OVER EASTCENTRAL BAY OF BENGAL BY 25TH MAY MORNING. SUBSEQUENTLY, IT WOULD MOVE NEARLY NORTHWARDS, INTENSIFY INTO A **SEVERE CYCLONIC STORM** BY 25TH NIGHT. CONTINUING TO MOVE NEARLY NORTHWARDS, IT IS VERY LIKELY TO **CROSS BANGLADESH AND ADJOINING WEST BENGAL COASTS BETWEEN SAGAR ISLAND AND KHEPUPARA AROUND 26TH MAY MIDNIGHT AS A SEVERE CYCLONIC STORM.**

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

Date/Time (UTC)	Position (Lat. °N/ long. °E)	Maximum sustained surface wind speed (Kmph)
24.05.24/0600	15.8/88.9	40-50 gusting to 60
24.05.24/1800	16.6/89.2	50-60 gusting 70
25.05.24/0600	17.6/89.5	60-70 gusting to 80
25.05.24/1800	18.7/89.7	80-90 gusting to 100
26.05.24/0600	20.1/89.6	100-110 gusting to 120

PART-II SYNOPTIC WEATHER SYSTEM AT 0600 UTC:

UNDER THE INFLUENCE OF THE CYCLONIC CIRCULATION OVER SOUTH KERALA AND NEIGHBOURHOOD, A LOW PRESSURE AREA HAS FORMED OVER SOUTHEAST ARABIAN SEA OFF KERALA COAST AND THE ASSOCIATED CYCLONIC CIRCULATION EXTENDS UPTO 7.6 KM ABOVE MEAN SEA LEVEL.

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 24TH MAY 2024.TO 00 UTC OF 25TH MAY 2024.

I) WIND DIRECTION AND SPEED: 1) N OF 5 DEG N TO THE E OF 70 DEG E: W/NW-LY 15/25 KTS
BEC SW-LY 20/25 KTS TO THE E OF 75 DEG E.

2) REST AREA: SW/W-LY 15/25 KTS.

II) WAVE HEIGHT: 1.5-4.0 MTR.

III) WEATHER: 1) E OF 60 DEG E: WIDESPREAD RA/TS.

2) REST AREA: FAIRLY WIDESPREAD RA/TS.

IV) VISIBILITY: 1) E OF 58 DEG E: VERY POOR.

2) REST AREA: POOR.

ARB A1-FORECAST VALID FROM 00 UTC OF 25TH MAY 2024.TO 00 UTC OF 26TH MAY 2024.

I) WIND DIRECTION AND SPEED: 1) N OF 5 DEG N TO THE E OF 60 DEG E: W/NW-LY 15/20 KTS
BEC SW-LY 20/25 KTS TO THE E OF 75 DEG E.

2) REST AREA: SW-LY 15/25 KTS.

II) WAVE HEIGHT: 1.5-4.0 MTR.

III) WEATHER: WIDESPREAD RA/TS.

IV) VISIBILITY: VERY POOR.

ARB A2-ARABIAN SEA: -23 DEG 45 MIN N 68 DEG E TO 12 DEG N 63 DEG E TO CAPE
GARDAFUI TO N OF 10 DEG N (.)

ARB A2- FORECAST VALID FROM 10 UTC OF 24TH MAY 2024.TO 00 UTC OF 25TH MAY 2024.

I) WIND DIRECTION AND SPEED: SW/W-LY 10/20 KTS BEC NW-LY 10/20 KTS
TO THE E OF 65 DEG E.

II) WAVE HEIGHT: 1.0-2.5 MTR.

III) WEATHER: 1) S OF 13 DEG N TO THE W OF 70 DEG E: WIDESPREAD RA/TS.

2) S OF 13 DEG N TO THE W OF 70 DEG E: ISOLATED RA/TS.

3) REST AREA: FAIR.

IV) VISIBILITY: 1) S OF 13 DEG N TO THE E OF 61 DEG E: VERY POOR.

2) REST AREA: GOOD.

ARB A2-FORECAST VALID FROM 00 UTC OF 25TH MAY 2024.TO 00 UTC OF 26TH MAY 2024.

I) WIND DIRECTION AND SPEED: SW/W-LY 15/20 KTS BEC NW-LY 10/20 KTS
TO THE E OF 70 DEG E.

II) WAVE HEIGHT: 1.0-2.5 MTR.

III) WEATHER: 1) S OF 15 DEG N TO THE E OF 55 DEG E: WIDESPREAD RA/TS.

2) REST AREA: FAIR.

IV) VISIBILITY: 1) S OF 15 DEG N TO THE E OF 55 DEG E: 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 10 UTC OF 24TH MAY 2024.TO 00 UTC OF 25TH MAY 2024.

I) WIND DIRECTION AND SPEED: SW-LY 15/25 KTS.

II) WAVE HEIGHT: 2.0-4.0 MTR.

III) WEATHER: 1) N OF 5 DEG N: WIDESPREAD RA/TS.

2) REST AREA: FAIRLY WIDESPREAD RA/TS.

IV) VISIBILITY: 1) N OF 5 DEG N: VERY POOR.

2) REST AREA: POOR.

BOB A3-FORECAST VALID FROM 00 UTC OF 25TH MAY 2024.TO 00 UTC OF 26TH MAY 2024.

I) WIND DIRECTION AND SPEED: SW-LY 20/30 KTS.

II) WAVE HEIGHT: 3.0-4.5 MTR.

III) WEATHER: FAIRLY 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 10 UTC OF 24TH MAY 2024.TO 00 UTC OF 25TH MAY 2024.

I) WIND DIRECTION AND SPEED: SW-LY 15/25 KTS BEC CYCLONIC 25/30 KTS AT 88.9 DEG E
AND 15.8 DEG N.

II) WAVE HEIGHT: 4.0-6.0 MTR.

III) WEATHER: WIDESPREAD RA/TS.

IV) VISIBILITY: VERY POOR.

BOB A4- FORECAST VALID FROM 00 UTC OF 25TH MAY 2024.TO 00 UTC OF 26TH MAY 2024.

I) WIND DIRECTION AND SPEED: SW-LY 30/40 KTS BEC CYCLONIC 50/55 KTS
AT 89.8 DEG E AND 19.3 DEG N.

II) WAVE HEIGHT: 9.0-14.0 MTR.

III) WEATHER: WIDESPREAD RA/TS.

IV) VISIBILITY: VERY POOR.

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 24/1200 UTC.

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TOO: 24/1530.