

DWR BHUJ

Cyclone bulletin No.03 Cyclone: BIPARJOY Time: 15/06/2023 16:51 IST

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| 1 | Name of the Station | DWR BHUJ |
| 2 | Date & Time of observation (UTC) | 15/06/2023 11:21 UTC |
| 3 | Name of Cyclone | BIPARJOY |
| 4 | Information about the Eye of the Cyclone | |
| | a)Is the Eye Visible | Visible |
| | b)Shape of the Eye | Distorted |
| | c)Diameter of the Eye (km) | 90km (approx..) |
| | d)Estimation of centre of the cyclone based on Eye/Spiral band observation | 172km, Lat=22.65,Lon=68.08(approx.) |
| | e)Echo top (20 dBZ level) of rain bearing clouds around the cyclone within 100 km radius | 6.0 km |
| | f) Maximum radar reflectivity (dBZ) in eye wall and Spiral band region, its height (km) and position (azimuth and distance from the radar) | 39.0dBz/1.5km(Height)/Az 350deg/range: 100km |
| | g) Maximum reflectivity at any other area (spiral/streamers etc) | 32.0 dbZ/4 km(Height)/Az80deg/ range:170km |
| | h) Maximum velocity in observed (mps), and its position (azimuth and distance from the Radar) | >45 mps , Az260 deg, range175 km from Radar |
| | i) Maximum velocity in any other area (spiral / streamers / rain shields etc) | - |
| 5 | Tendency of the Cyclone | |
| | a. Intensity(Increasing/Decreasing) | Stable |
| | b. Duration for which the information on movement pertains to | 1 hour |
| | c. Direction of Movement | NE |
| | d. Estimated speed of Movement | 10km(approx) |
| 6 | Any other Significant Feature | Rainfall very likely over many places viz., Okha,Dwarka,Bhuj,Naliya,Rapar,Halvad, Khavda, Bhachau,Dholavira, Nakhatrana, Lakhpat and all coastal areas of Kutch, Very Strong Winds |
| 7 | Confidence | Moderate |

Priti Sharma
OFFICER IN-CHARGE
DWR Bhuj

