

## **DWR BHUJ**

**Cyclone bulletin No.28 Cyclone: BIPARJOY Time: 17/06/2023 04:21 IST**

1.	Name of the Station	DWR BHUJ 23.24N, 69.64E, 100 mtr
2.	Date & Time of observation (UTC)	16/06/2023 22:51 UTC
3.	Name of Cyclone	BIPARJOY
4.	Information about the Eye of the Cyclone	
	a)Is the Eye Visible	Not visible
	b)Shape of the Eye	
	c)Diameter of the Eye (km)	
	d)Estimation of centre of the cyclone based on Eye/Spiral band observation	
	e)Echo top (20 dBZ level) of rain bearing clouds around the cyclone within 100 km radius	6 km
	f) Maximum radar reflectivity (dBZ) in eye wall and Spiral band region, its height (km) and position (azimuth and distance from the radar)	39.0 dBZ/4.0km(Height)/Az sector 120deg-130deg /range: 125 km
	g) Maximum reflectivity at any other area (spiral/streamers etc)	
	h) Maximum velocity in observed (mps), and its position (azimuth and distance from the Radar)	27mps/Az Sector 80deg to 130 deg/ range=75 km
	i) Maximum velocity in any other area (spiral / streamers / rain shields etc)	-
5.	Tendency of the Cyclone	
	• Intensity(Increasing/Decreasing)	
	• Duration for which the information on movement pertains to	1 hour
	• Direction of Movement	NE
	• Estimated speed of Movement	20km (approx.)
6.	Any other Significant Feature0	Rainfall very likely over most of the places of areas of Kutch and viz., Morbi, Ghandhidham,Bhuj,Bhachau,Dholavira,Bhachau,Lakhat,Rapar,Naliya,Khavda, Nakhatrana, Strong Winds
7.	Confidence	Good

**Priti Sharma  
OFFICER IN-CHARGE  
DWR Bhuj**

