

## DWR BHUJ

Cyclone bulletin No.04    Cyclone: BIPARJOY    Time: 15/06/2023 17:51 IST

1.	Name of the Station	DWR BHUJ
2.	Date & Time of observation (UTC)	15/06/2023    12:21 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	Parabolic (Distorted)
	c) Diameter of the Eye (km)	94 km*52km (approx.)
	d) Estimation of centre of the cyclone based on Eye/Spiral band observation	152km, Lat=22.76, Lon=68.24 (approx.)
	e) Echo top (20 dBZ level) of rain bearing clouds around the cyclone within 100 km radius	5.0 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/4.0km(Height)/Az 50deg/range: 175km
	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)	>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	15km(approx)
6.	Any other Significant Feature	Rainfall very likely over many places viz., Okha, Dwarka, Bhuj, Naliya, Rapar, Halvad, Khavda, Bhachau, Dholavira, Nakhatrana, Lakhpat, north east Kutch and all coastal areas of Kutch, Very Strong Winds
7.	Confidence	Good

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

