

## DWR BHUJ

Cyclone bulletin No.19    Cyclone: BIPARJOY    Time: 16/06/2023 08:51 IST

1.	Name of the Station	DWR BHUJ 23.24N, 69.64E, 100 mtr
2.	Date & Time of observation (UTC)	16/06/2023 03:21 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	Lat=23.57, Lon=69.32, Az 308.99 deg
	e) Echo top (20 dBZ level) of rain bearing clouds around the cyclone within 100 km radius	12 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/5.0km(Height)/Az 440 deg /range: 20 km
	g) Maximum reflectivity at any other area (spiral/streamers etc)	39.0 dBZ/9.0 km(Height)/Az Sector 21 to 240 deg /range: up to 50km
	h) Maximum velocity in observed (mps), and its position (azimuth and distance from the Radar)	27 mps/Az 060 to 120 deg Range=upto 50km
	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	25km (approx.)
6.	Any other Significant Feature	Rainfall very likely over many places viz., Okha, Dwarka, Jamnagar, Rajkot, Porbander, Morbi, Gandhidham, Bhuj, Mundra, Dholavira, Bhachau, Lakhpat, Mandvi, Rapar, Naliya, Khavda, Nakhatrana, north east Kutch and coastal areas of Kutch, Very Strong Winds
7.	Confidence	Good

For OFFICER IN-CHARGE  
DWR Bhuj

