

DWR BHUJ

Cyclone bulletin No.15 Cyclone: BIPARJOY Time: 16/06/2023 04:51 IST

1.	Name of the Station	DWR BHUJ 23.24N, 69.64E, 100 mtr
2.	Date & Time of observation (UTC)	15/06/2023 23:21 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)	
	d) Estimation of centre of the cyclone based on Eye/Spiral band observation	Lat=23.61, Lon=69.12, 68.22
	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)	43.0 dBZ/4.0km(Height)/Az 310 deg /range: 125km
	g) Maximum reflectivity at any other area (spiral/streamers etc)	39.0 dBZ/2.0 km(Height)/Az 50 deg /range: 150km
	h) Maximum velocity in observed (mps), and its position (azimuth and distance from the Radar)	33 mps/Az 310 deg to 350 deg, range 25 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	30km (approx.)
6.	Any other Significant Feature	Rainfall very likely over many places viz., Okha, Dwarka, Jamnagar, Rajkot, Morbi, Gandhidham, Bhuj, Mundra, Dholavira, Bhachau, Lakhat, Mandvi, Rapar, Naliya, Khavda, Nakhatrana, north east Kutch and coastal areas of Kutch, Very Strong Winds
7.	Confidence	Good

Priti Sharma
OFFICER IN-CHARGE
DWR Bhuj

