

DWR BHUJ

Cyclone bulletin No.01 Cyclone: BIPARJOY Time: 15/06/2023 14:20 IST

1.	Name of the Station	DWR BHUJ
2.	Date & Time of observation (UTC)	15/06/2023 8:50 UTC
3.	Name of Cyclone	BIPARJOY
4.	Information about the Eye of the Cyclone	
	a) Is the Eye Visible	Yes (60% 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	249 km
	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)	35.0dBz, 4km(Height), 80deg, 110km
	g) Maximum reflectivity at any other area (spiral/ streamers etc)	32.0 dbZ, 6 km (Height)/300deg/ 150km
	h) Maximum velocity in observed (mps), and its position (azimuth and distance from the Radar)	>45 mps , 260 deg, 170 km from Radar
	i) Maximum velocity in any other area (spiral / streamers / rain shields etc)	-
5.	Tendency of the Cyclone	
	a. Intensity(Increasing/Decreasing)	Increasing
	b. Duration for which the information on movement pertains to	1 hour
	c. Direction of Movement	NNE
	d. Estimated speed of Movement	10km(approx)
6.	Any other Significant Feature	Rainfall very likely over many places viz., Naliya, Bhuj, Mundra, Rapar, Halvad, Okha,, Dholavira, Nakhatrana, Lakhpat and most of the places over NE and SW of Kutch
7.	Confidence	Moderate

Priti Sharma
OFFICER IN-CHARGE
DWR Bhuj

