

DWR CHENNAI CYCLONE BULLETIN

BULLETIN NO: 19

CYCLONE: Michaung **TIME: 12:30 IST**

1.	Name of the station	DWR CHENNAI
2.	Date and Time of Observation (UTC)	20231204 / 07:00 UTC
3.	Name of the Cyclone	Michaung
4.	(A) Information about the eye of the Cyclone	
	a) Is the Eye Visible	No
	b) Shape of the Eye	Elliptical partial
	c) Diameter of the Eye(km)	29.59km / 36.41km
	d) Estimation of centre of the cyclone based on Eye/spiral band observation	13.2950°N, 80.8950°E
	(B) Other features of the cyclone	
	e) Echo top (height 20 dBZ level) of rain bearing clouds around the cyclone within 100 Km radius (km)	9.00km
	f) Maximum radar reflectivity (dBZ) in the eye wall/spiral band region, its height (km) and position (azimuth and distance from the radar)	35.00 dBZ 6.00 km (18.80deg, 50.10km)
	g) Maximum reflectivity at any other area (spiral/streamers etc)	32.00dBZ 4.00km (315.00deg, 82.90km)
	h) Maximum radial velocity in eye wall/spiral band region (mps), its height (km) and its position (azimuth and distance from the Radar)	37.67m/s 1.00km (105.40deg, 59.20km)
	i) Maximum velocity in any other area (spiral /streamers / rain shields etc)	28.70m/s 1.00km (327.80deg, 61.70km)
5.	Tendency of the Cyclone	
	1) Intensity(Increasing/Decreasing)	No Change
	2) Duration for which the information on movement pertains to	6 hr
	3) Direction of Movement	NE
	4) Estimated speed of Movement	4.73 kmph
6.	Any other Significant Feature	Eye getting distorted due to terrain influence
7.	Confidence	GOOD

**OFFICER INCHARGE
DWR Chennai**











