

DWR VIZAG CYCLONE BULLETIN

CYCLONE BULLETIN NO: 5

CYCLONE: PHETHAI

TIME: 17/12/2018 10:30 IST

1.	Name of the station	DWR VSK
2.	Date and Time of Observation (UTC)	4:30 UTC
3.	Name of the Cyclone	PHETHAI
4.	Information about the eye of the Cyclone	
	a. Is the Eye Visible	No
	b. Shape of the Eye	Not clear
	c. Diameter of the Eye(km)	-
	d. Estimation of centre of the cyclone based on Eye/spiral band observation	16.20 N / 82.00 E / 222 km from DWRVSK
	e. Echo top (height 20 dBZ level) of rain bearing clouds around the cyclone within 100 Km radius (km)	7km
	f. Maximum radar reflectivity (dBZ) & rainfall rate (mm/h) in the eye wall/spiral band region, its height (km) and position (azimuth and distance from the radar)	36dBZ/187km from Radar/4km
	g. Maximum reflectivity at any other area (spiral/streamers etc)	--
	h. Maximum radial velocity in eye wall/spiral band region (mps), its height (km) and its position (azimuth and distance from the Radar)	28mps/54knots/228km/Height around 4km
	i. Maximum velocity in any other area (spiral / streamers / rain shields etc)	28mps/54 knots
5.	Tendency of the Cyclone	
	a. Intensity(Increasing/Decreasing)	Same
	b. Duration for which the information on movement pertains to	Half hour
	c. Direction of Movement	Towards North
	d. Estimated speed of Movement	30kmph
6.	Any other Significant Feature	Approx Distance of centre from Coast in North Direction 30km. Cyclone Eye-wall likely to have started crossing the coast but not clear in the pictures
7.	Confidence	Very Poor

Bibraj R
OFFICER IN CHARGE
DWR VISAKHAPATNAM