

DWR VIZAG CYCLONE BULLETIN

CYCLONE BULLETIN NO: 16 CYCLONE: FANI TIME: 02/05/2019 04:00 IST

1.	Name of the station	DWR VSK
2.	Date and Time of Observation (UTC)	2200 UTC 01/05/2019
3.	Name of the Cyclone	FANI
4.	Information about the eye of the Cyclone	
	a. Is the Eye Visible	Yes
	b. Shape of the Eye	Circular
	c. Diameter of the Eye(km)	31 km
	d. Estimation of centre of the cyclone based on Eye/spiral band observation	15.53N 84.35 E Azi- 156 Dist-269 km from VSK
	e. Echo top (height 20 dBZ level) of rain bearing clouds around the cyclone within 100 Km radius (km)	9 km
	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)	44dbZ, 5.2km(Height)/160Deg/256km
	g. Maximum reflectivity at any other area (spiral/streamers etc)	45 dbZ 2.4km(Height)/191.9Deg/167km
	h. Maximum radial velocity in eye wall/spiral band region (mps), its height (km) and its position (azimuth and distance from the Radar)	49.0 MPS/ 176kmph/95.2 knt 264km from radar/ 5.3 km
	i. Maximum velocity in any other area (spiral / streamers / rain shields etc)	-
5.	Tendency of the Cyclone	
	a. Intensity(Increasing/Decreasing)	same
	b. Duration for which the information on movement pertains to	1 hour
	c. Direction of Movement	North of North East
	d. Estimated speed of Movement	17 kmph
6.	Any other Significant Feature	-
7.	Confidence	Good

Bibraj R
OFFICER IN CHARGE
DWR VISAKHAPATNAM