

DWR VIZAG CYCLONE BULLETIN

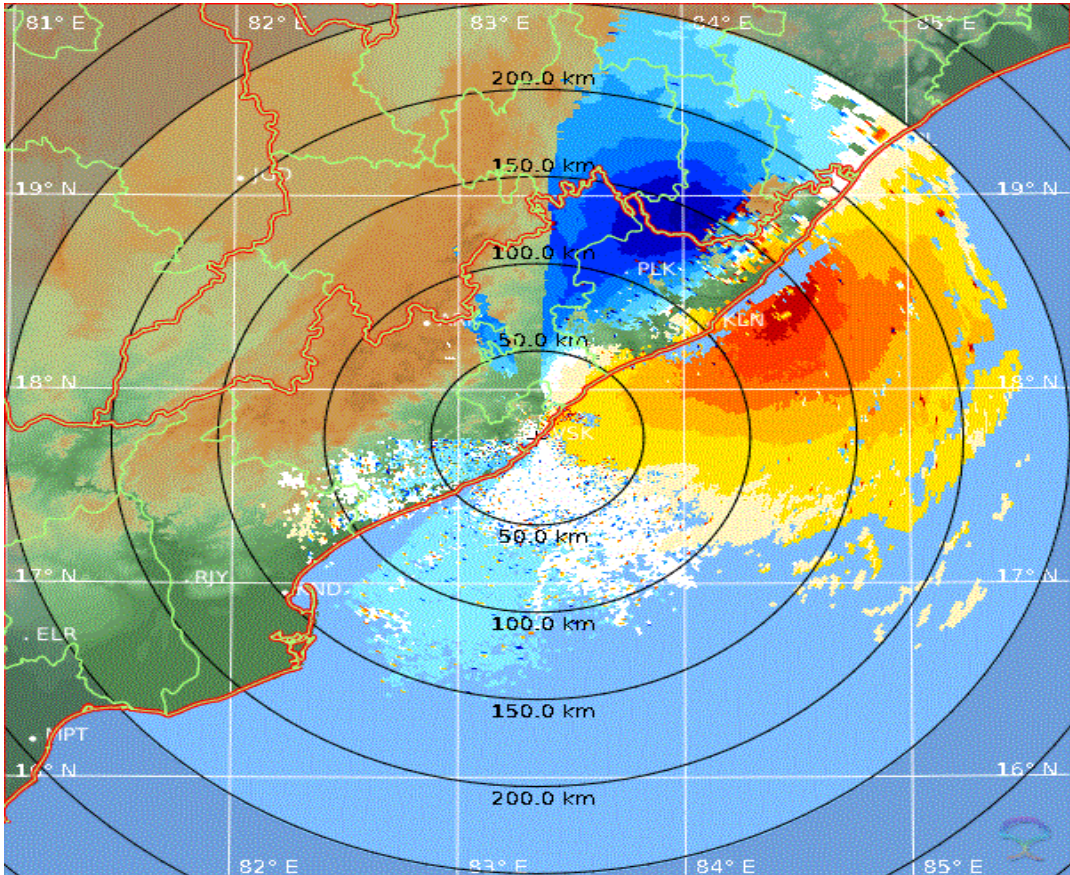
CYCLONE BULLETIN NO: 28

CYCLONE TITLI

TIME: 11/10/2018 0700IST

1.	Name of the station	DWR VSK
2.	Date and Time of Observation (UTC)	01:00 UTC 11/10/2018
3.	Name of the Cyclone	TITLI
4.	Information about the eye of the Cyclone	
	a. Is the Eye Visible	VISIBLE
	b. Shape of the Eye	CIRCLE
	c. Diameter of the Eye(km)	12 KMS
	d. Estimation of centre of the cyclone based on Eye/spiral band observation	18.76N 84.25E Azi 40.4/ Dist 147.0KMS(From Radar VSK)
	e. Echo top (height 20 dBZ level) of rain bearing clouds around the cyclone within 100 Km radius (km)	10 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)	47 dBZ/2.3 kms(height)/135kms from Radar
	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)	151kmph/ 82 knts/ 42m/s 144kms from Radar/ Height of 1.75kms
	i. Maximum velocity in any other area (spiral / streamers / rain shields etc)	-
5.	Tendency of the Cyclone	
	a. Intensity(Increasing/Decreasing)	Decreasing
	b. Duration for which the information on movement pertains to	Past 30 minutes
	c. Direction of Movement	Westward
	d. Estimated speed of Movement	16 kmph
6.	Any other Significant Feature	89 km SW of Gopalpur
7.	Confidence	Fair

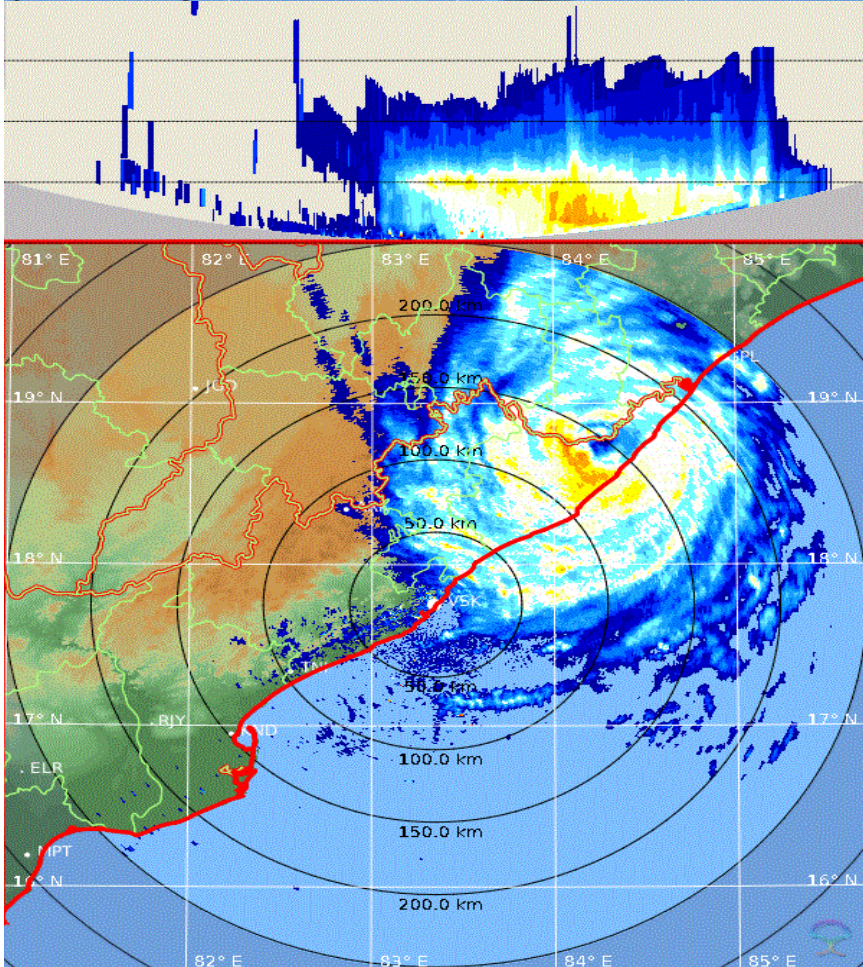
OFFICER IN CHARGE
DWR VISAKHAPATNAM



PPI (V)
01:01 / 11-Oct-2018
Visakhapatnam

- ▶ 47.0 m/s
- ▶ 40.7 m/s
- ▶ 34.5 m/s
- ▶ 28.2 m/s
- ▶ 21.9 m/s
- ▶ 15.7 m/s
- ▶ 9.4 m/s
- ▶ 3.1 m/s
- ▶ -3.1 m/s
- ▶ -9.4 m/s
- ▶ -15.7 m/s
- ▶ -21.9 m/s
- ▶ -28.2 m/s
- ▶ -34.5 m/s
- ▶ -40.7 m/s
- ▶ -47.0 m/s

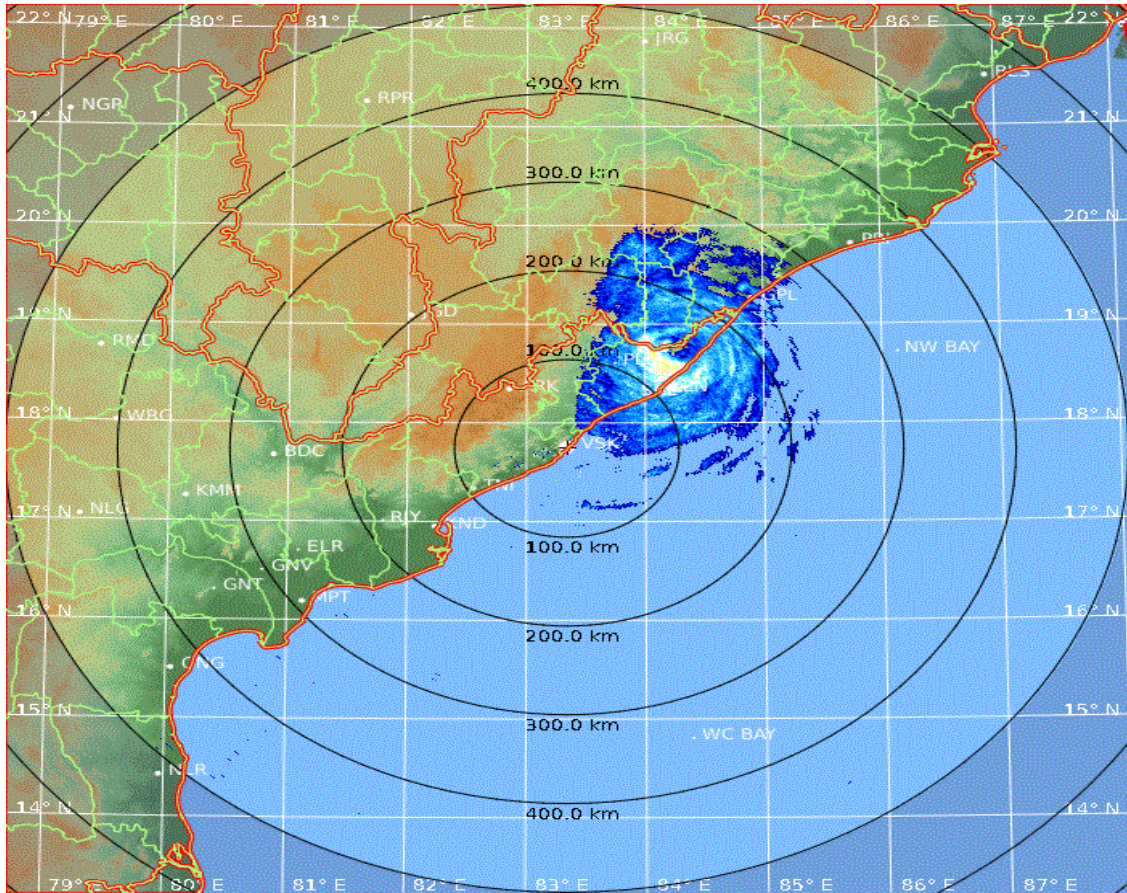
Pdf File: 250_PPV.ppi
 Clutter Filter: IIRDoppler 8
 Time sampling: 50
 PRF: 600 Hz / 450 Hz
 Range: 250 km
 Resolution: 0.833 km/pixel
 Elevation: 0.2 deg
 Data: Radar Data
 Rainbow® SELEX-SI



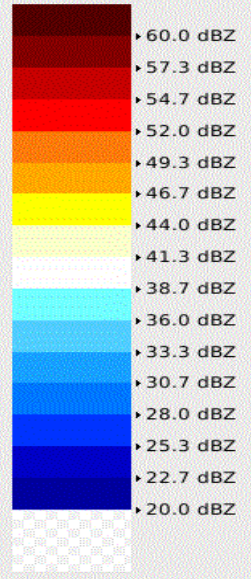
MAX (dBZ)
01:01 / 11-Oct-2018
Visakhapatnam

- ▶ 60.0 dBZ
- ▶ 56.7 dBZ
- ▶ 53.3 dBZ
- ▶ 50.0 dBZ
- ▶ 46.7 dBZ
- ▶ 43.3 dBZ
- ▶ 40.0 dBZ
- ▶ 36.7 dBZ
- ▶ 33.3 dBZ
- ▶ 30.0 dBZ
- ▶ 26.7 dBZ
- ▶ 23.3 dBZ
- ▶ 20.0 dBZ
- ▶ 16.7 dBZ
- ▶ 13.3 dBZ
- ▶ 10.0 dBZ

Pdf File: 250_Z_max
 Clutter Filter: IIRDoppler 8
 Time sampling: 50
 PRF: 600 Hz / 450 Hz
 Range: 250 km
 Height: 0.100 km to 18.000 km
 Hor Res: 0.833 km/pixel
 Vert Res: 0.089 km/pixel
 Data: Radar Data
 Rainbow® SELEX-SI



PPI (dBZ)
01:10 / 11-Oct-2018
Visakhapatnam



Pdf File: 500_PPZ.ppi
 Clutter Filter: IIRDoppler 10
 Time sampling: 16
 PRF: 300 Hz
 Range: 500 km
 Resolution: 1.429 km/pixel
 Elevation: 0.2 deg
 Data: Radar Data
 Rainbow® SELEX-SI