

DWR VIZAG CYCLONE BULLETIN

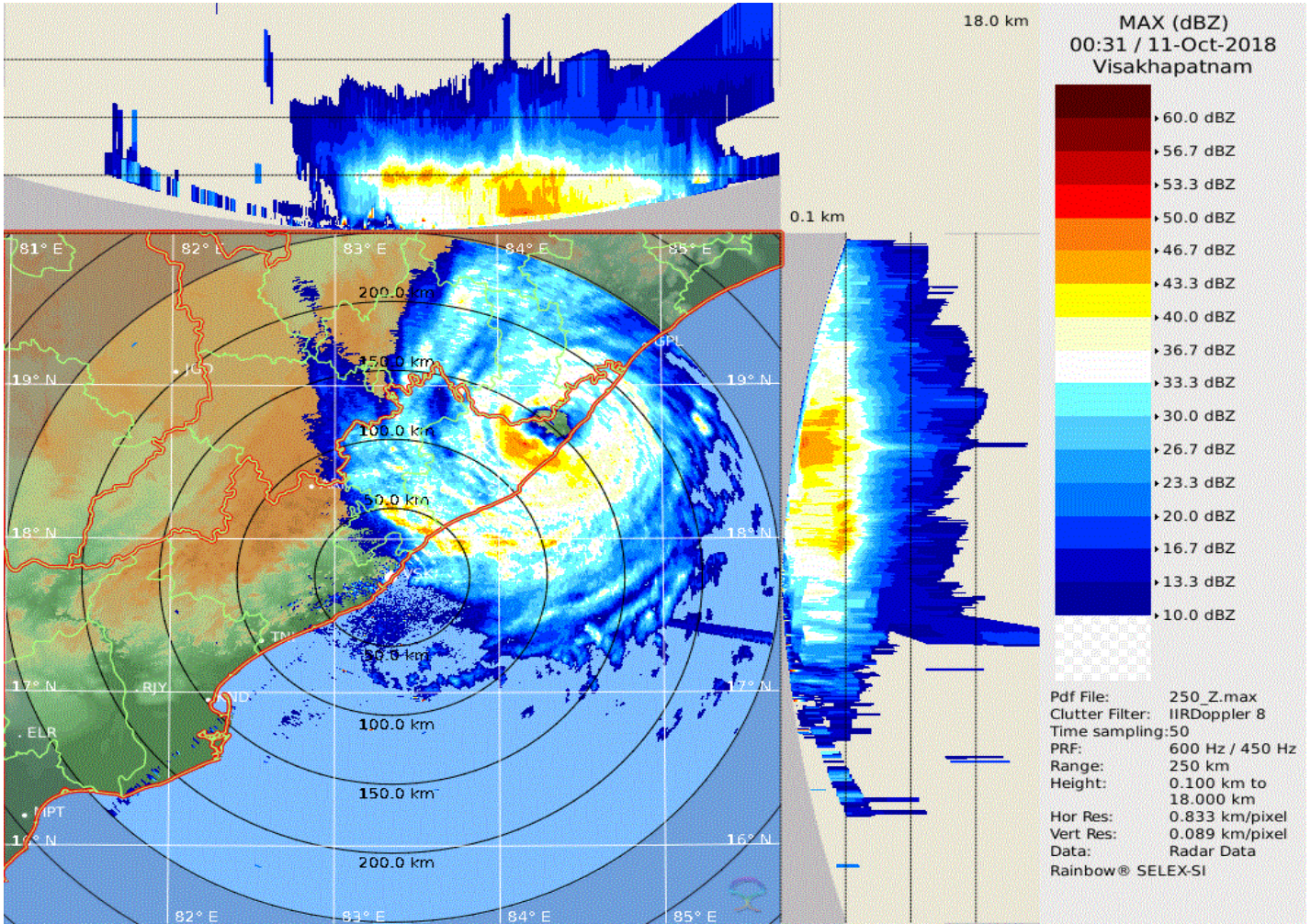
CYCLONE BULLETIN NO: 27

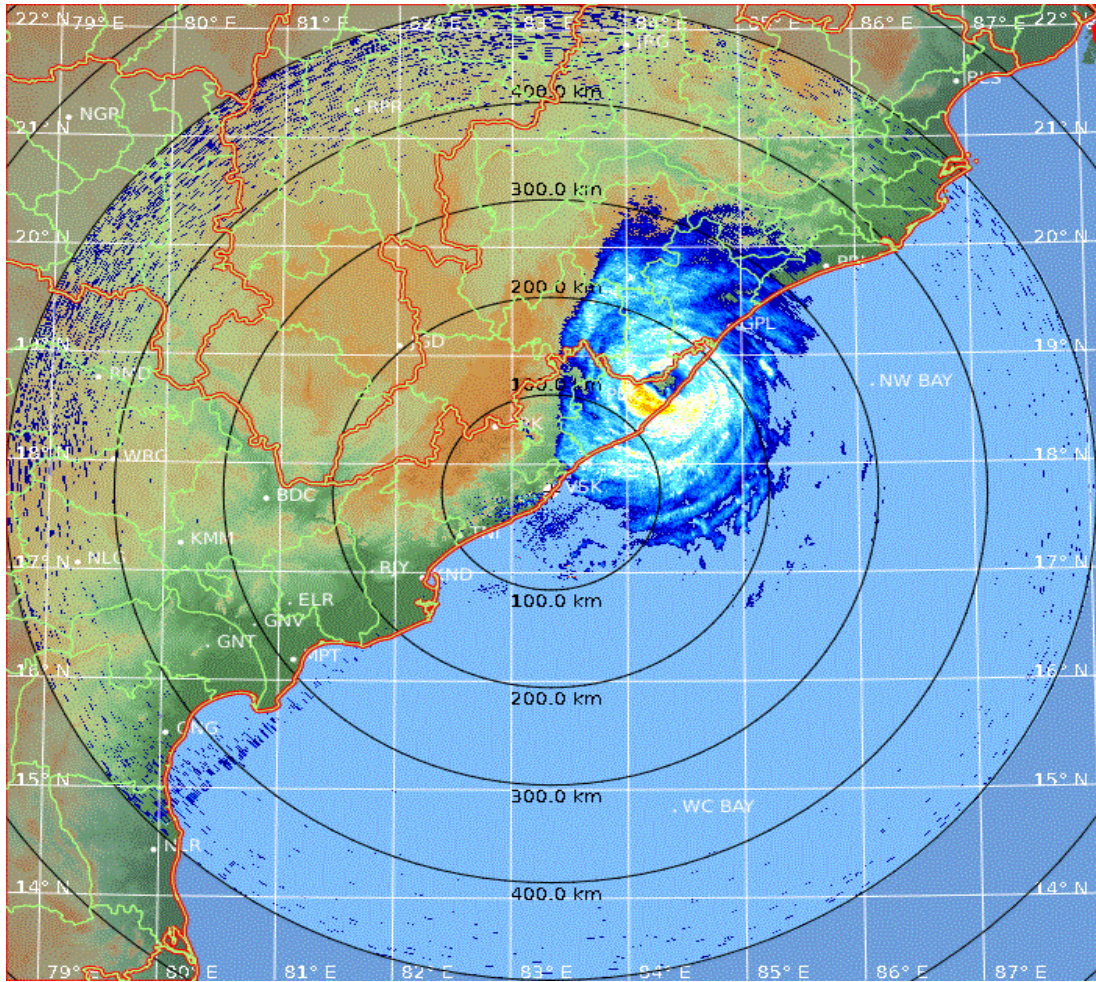
CYCLONE TITLI

TIME: 11/10/2018 0630IST

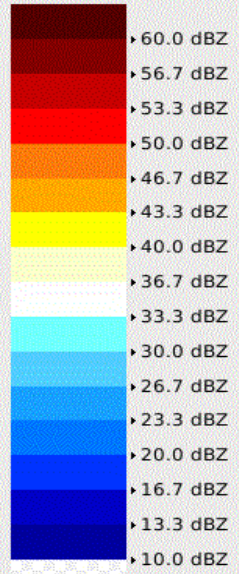
1.	Name of the station	DWR VSK
2.	Date and Time of Observation (UTC)	00:30 UTC 11/10/2018
3.	Name of the Cyclone	TITLI
4.	Information about the eye of the Cyclone	
	a. Is the Eye Visible	VISIBLE
	b. Shape of the Eye	CIRCLE
	c. Diameter of the Eye(km)	21 KMS
	d. Estimation of centre of the cyclone based on Eye/spiral band observation	18.77N 84.33E Azi 42.6/ Dist 153.0KMS(From Radar VSK)
	e. Echo top (height 20 dBZ level) of rain bearing clouds around the cyclone within 100 Km radius (km)	11 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)	50 dBZ/2 kms(height)/130kms 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)	158kmph/ 85 knts/ 44m/s 146kms from Radar/ Height of 2.0kms
	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	North Westward
	d. Estimated speed of Movement	14 kmph
6.	Any other Significant Feature	Eye crossed over North Andhra coast 86 km SW of Gopalpur
7.	Confidence	Fair

**OFFICER IN CHARGE
DWR VISAKHAPATNAM**

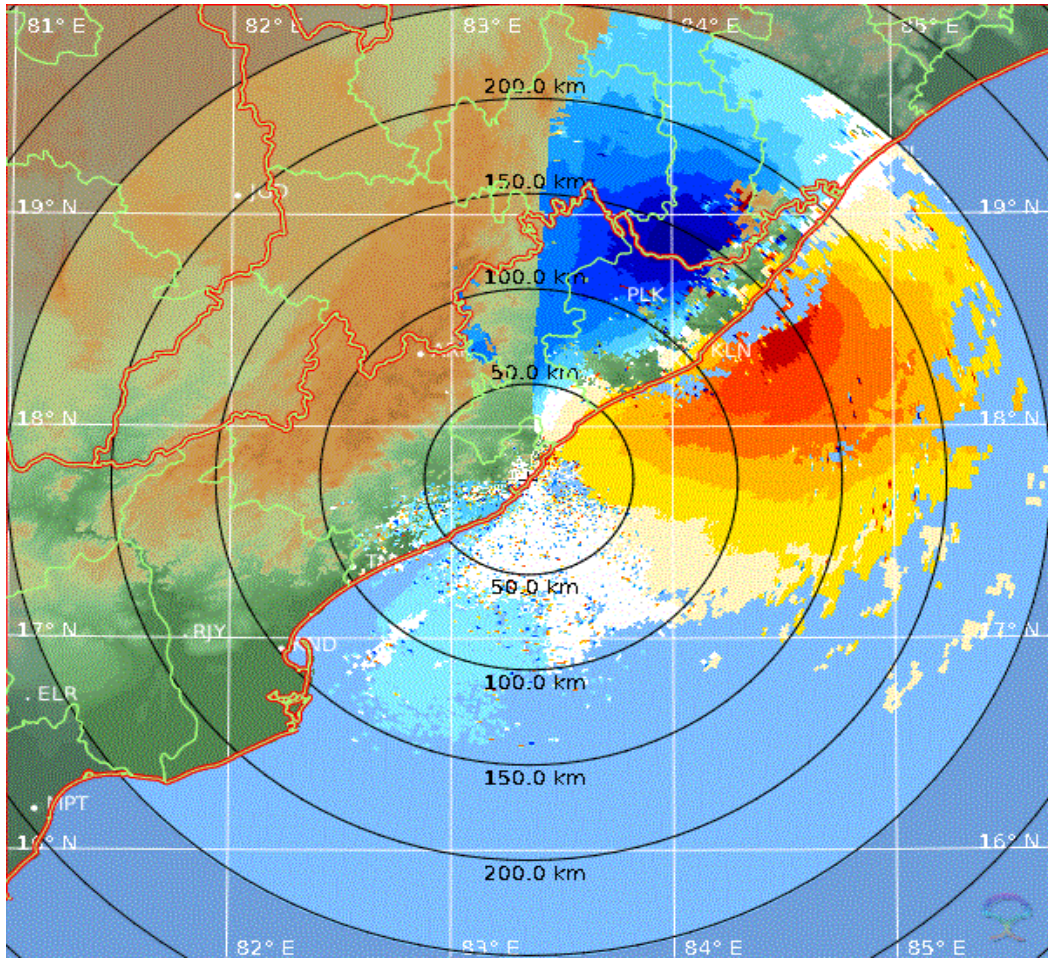




PPI (dBZ)
00:40 / 11-Oct-2018
Visakhapatnam



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



PPI (V)
00:31 / 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