

DWR VIZAG CYCLONE BULLETIN

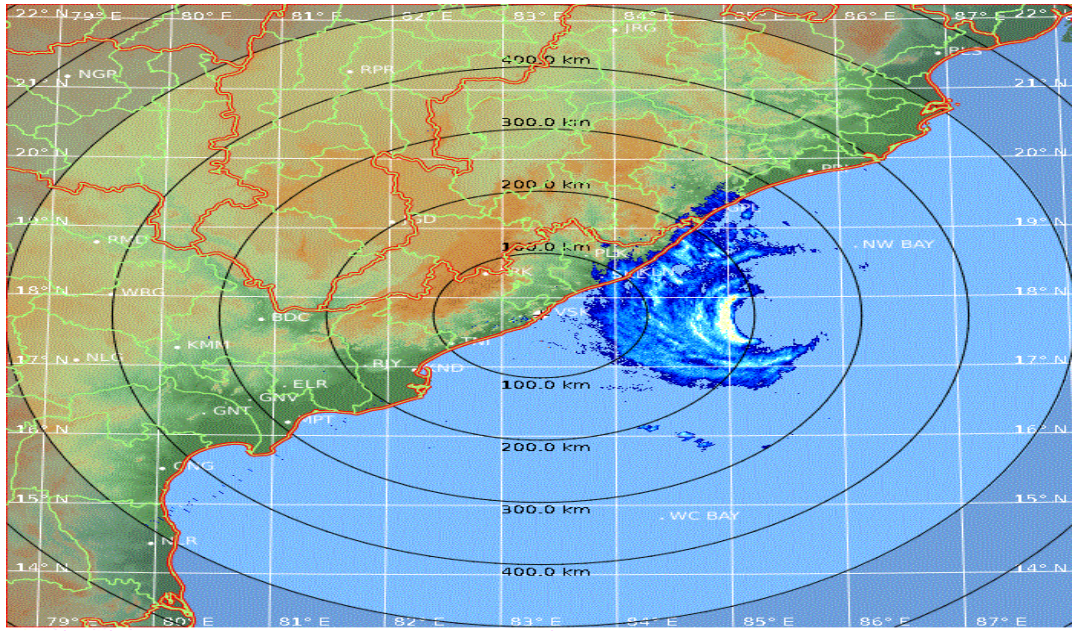
CYCLONE BULLETIN NO: 12

CYCLONE TITLI

TIME: 10/10/2018 2030IST

1.	Name of the station	DWR VSK
2.	Date and Time of Observation (UTC)	14:30UTC
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)	42 KMS
	d. Estimation of centre of the cyclone based on Eye/spiral band observation	17.69N 85.24E Azi 91.2/ Dist 201KMS(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)	48 DBZ/ 4.5 kms(height)/90.3 deg/171 kms
	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)	162kmph/ 87 knts/ 45m/s 195kms from Radar/ Height of 3.0kms
	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	Past 1 hr
	c. Direction of Movement	Northwestwards
	d. Estimated speed of Movement	13 kmph
6.	Any other Significant Feature	185 kms S-SE of Gopalpur & 140 kms E-SE of Kalingapatnam.
7.	Confidence	Fair

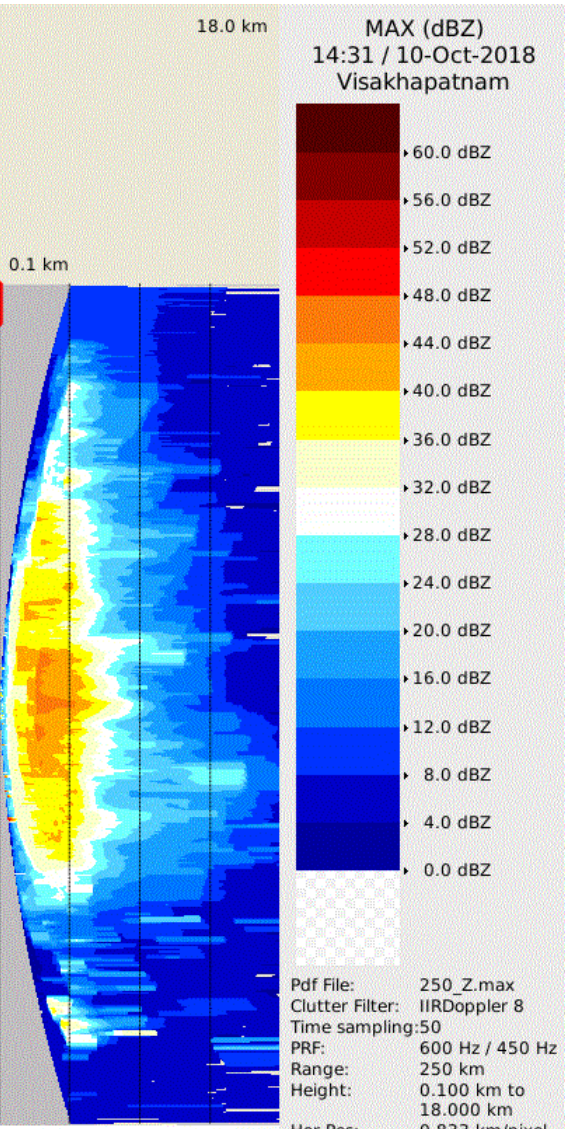
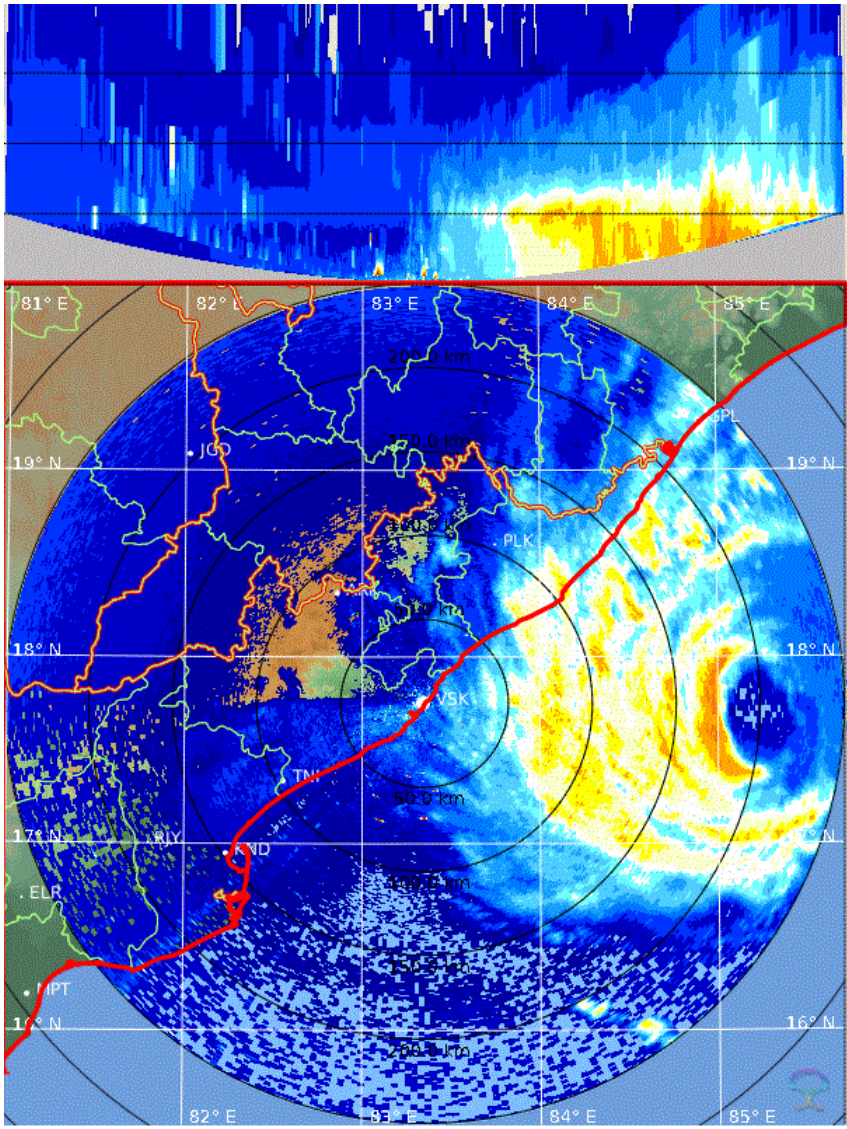
OFFICER IN CHARGE
DWR VISAKHAPATNAM



PPI (dBZ)
14:30 / 10-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



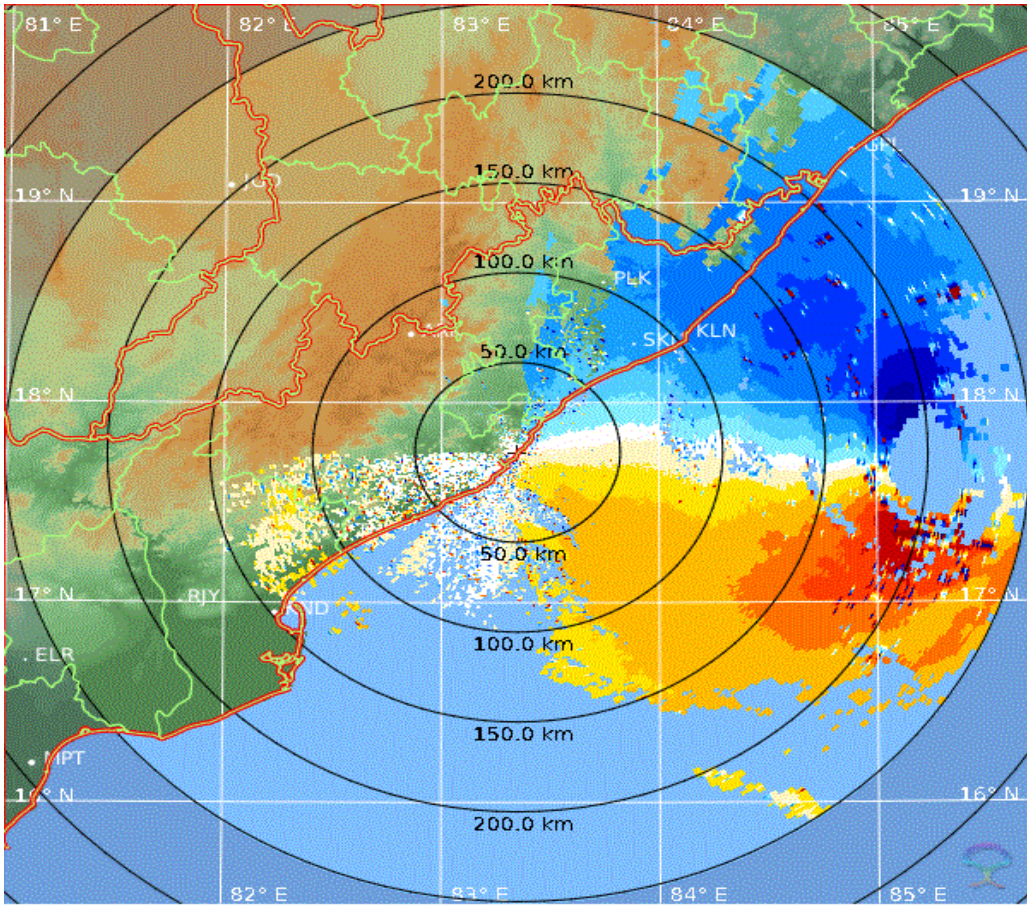
18.0 km

MAX (dBZ)
14:31 / 10-Oct-2018
Visakhapatnam

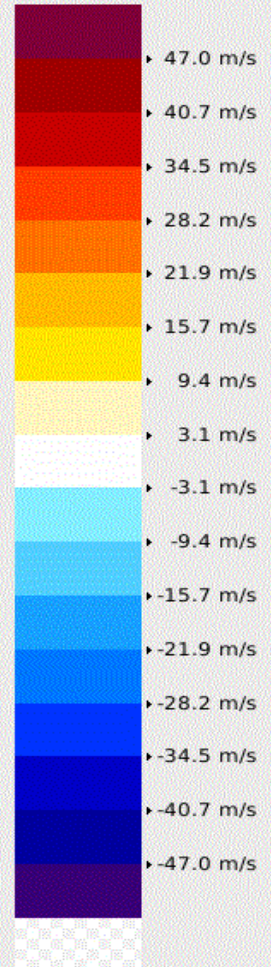
- 60.0 dBZ
- 56.0 dBZ
- 52.0 dBZ
- 48.0 dBZ
- 44.0 dBZ
- 40.0 dBZ
- 36.0 dBZ
- 32.0 dBZ
- 28.0 dBZ
- 24.0 dBZ
- 20.0 dBZ
- 16.0 dBZ
- 12.0 dBZ
- 8.0 dBZ
- 4.0 dBZ
- 0.0 dBZ

0.1 km

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 (V)
14:31 / 10-Oct-2018
Visakhapatnam



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