

# DWR VIZAG CYCLONE BULLETIN

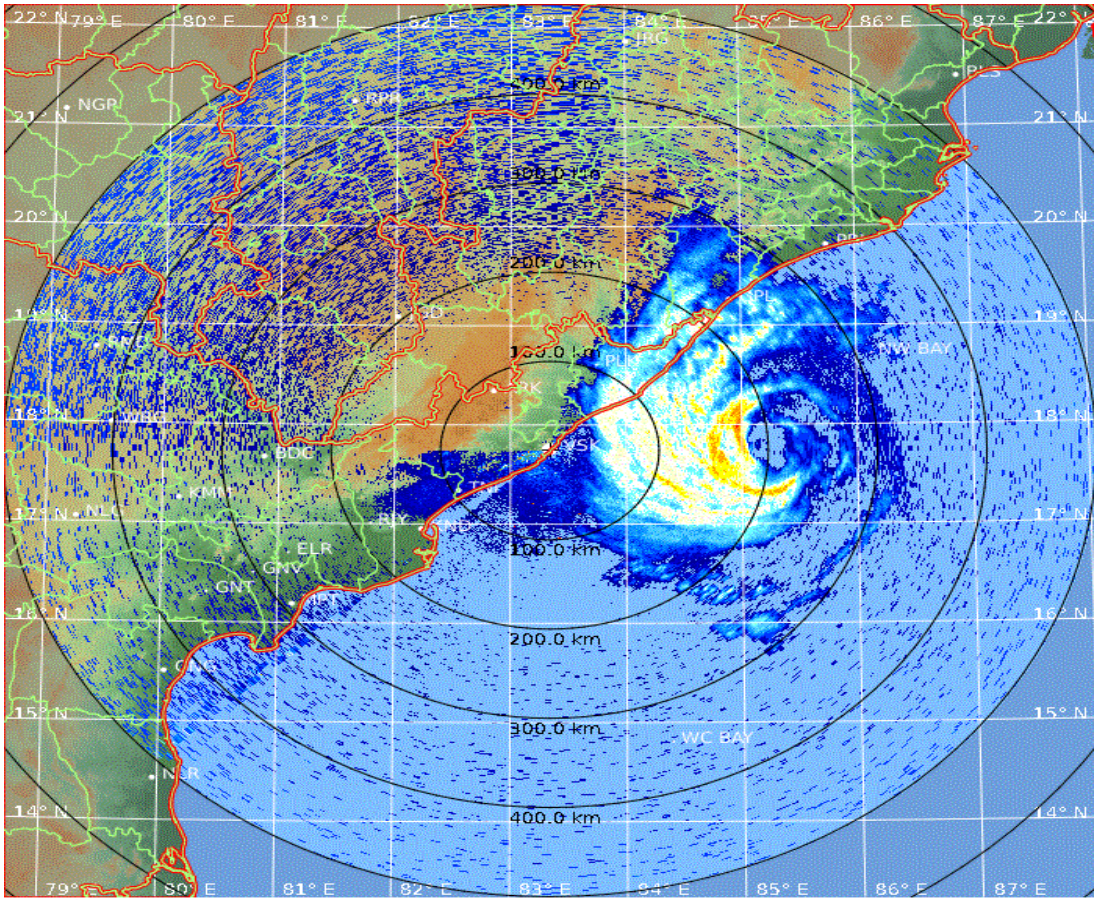
CYCLONE BULLETIN NO: 13

CYCLONE TITLI

TIME: 10/10/2018 2130IST

1.	Name of the station	DWR VSK
2.	Date and Time of Observation (UTC)	15:30UTC
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)	40 KMS
	d. Estimation of centre of the cyclone based on Eye/spiral band observation	17.81N 85.22E Azi 87.5/ Dist 198KMS(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)	52 DBZ/ 5.8 kms(height)/81.0 deg/172 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 190kms 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	NNW
	d. Estimated speed of Movement	14 kmph
6.	Any other Significant Feature	171 kms S-SE of Gopalpur & 133 kms E-SE of Kalingapatnam.
7.	Confidence	Fair

OFFICER IN CHARGE  
DWR VISAKHAPATNAM

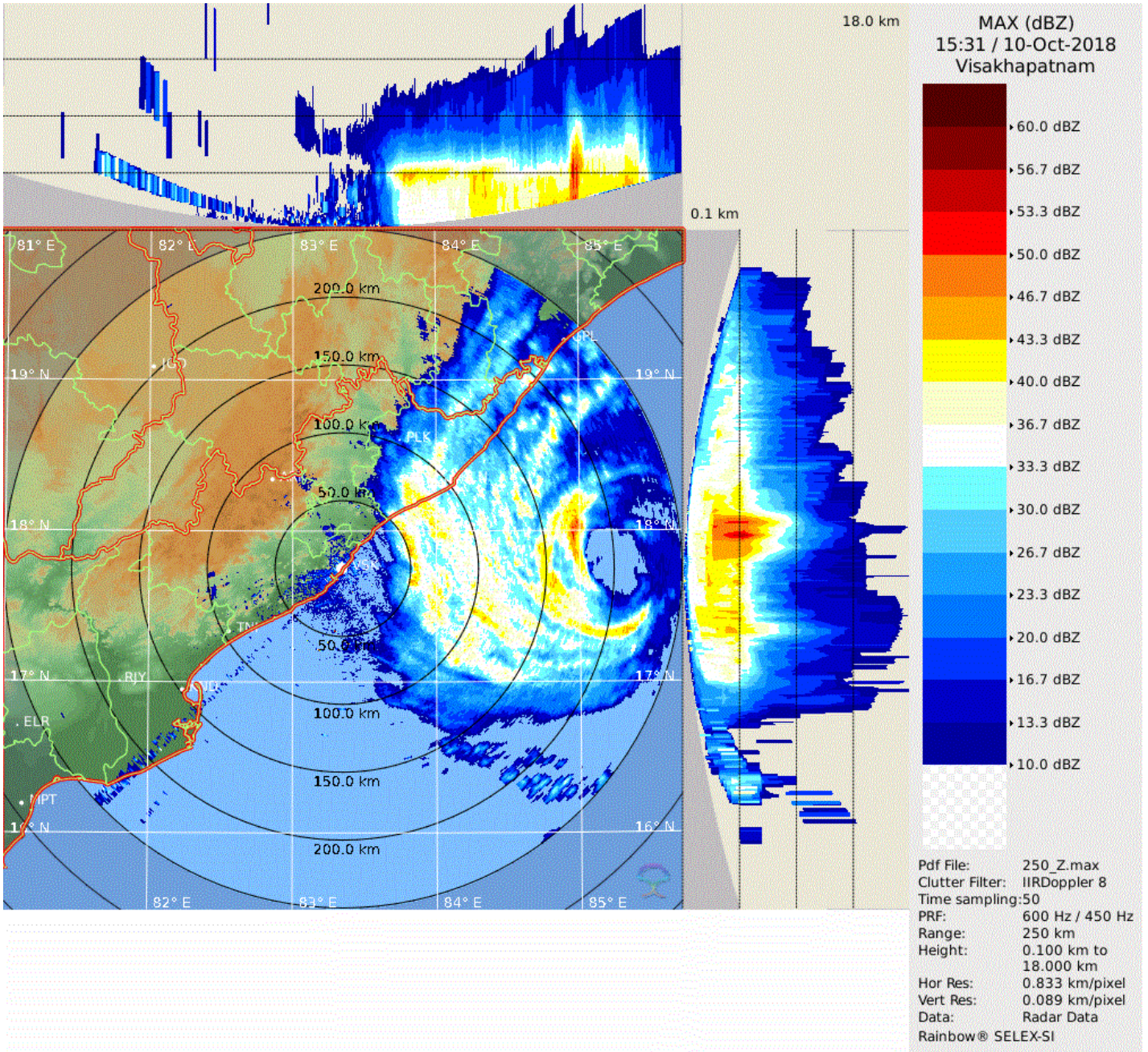


**PPI (dBZ)**  
**15:30 / 10-Oct-2018**  
**Visakhapatnam**

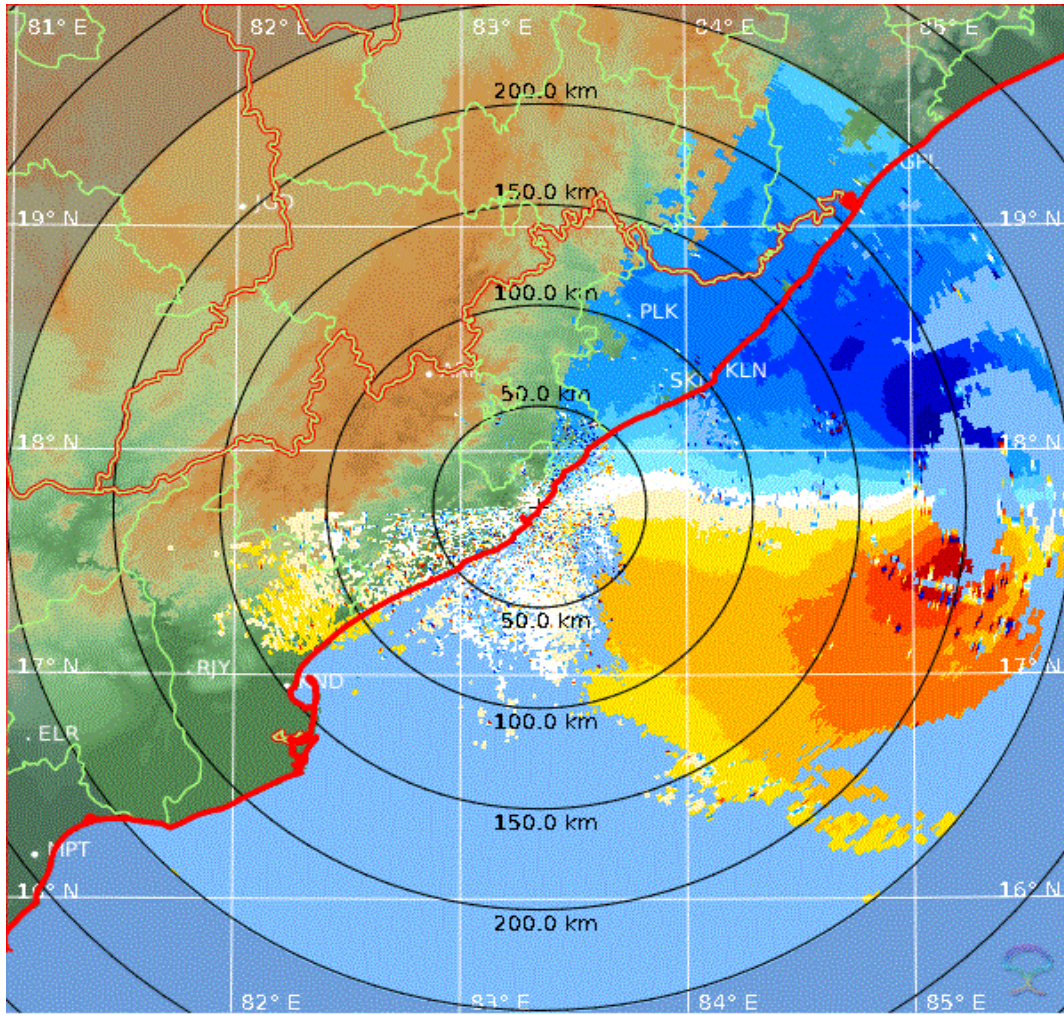


Pdf File: 500\_PPZ.ppi  
 Clutter Filter: IIRDoppler 10  
 Time sampling: 16  
 PRF: 300 Hz  
 Range: 500 km  
 Resolution: 1.429 km/pixel  
 Elevation: 0.2 deg  
 Data: Radar Data  
 Rainbow® SELEX-SI

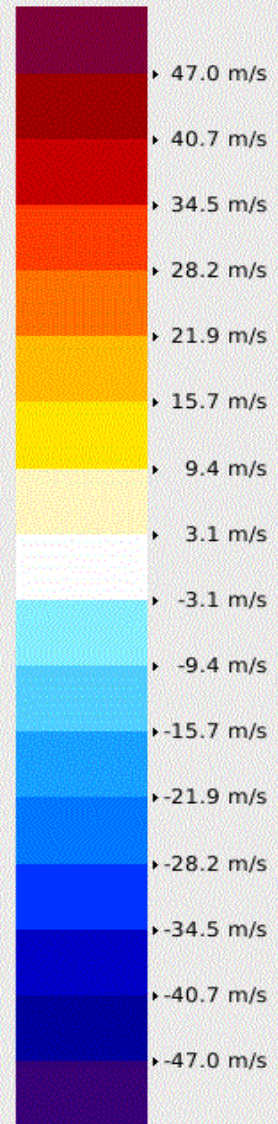








PPI (V)  
15:31 / 10-Oct-2018  
Visakhapatnam



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