

DWR VIZAG CYCLONE BULLETIN

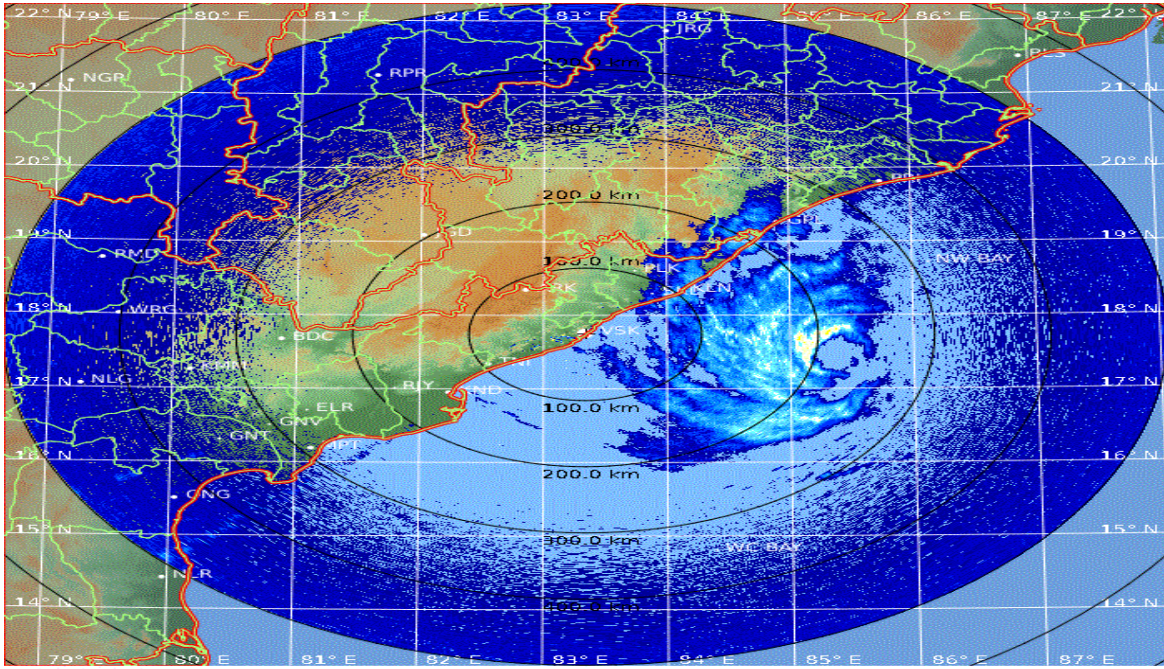
CYCLONE BULLETIN NO: 9

CYCLONE TITLI

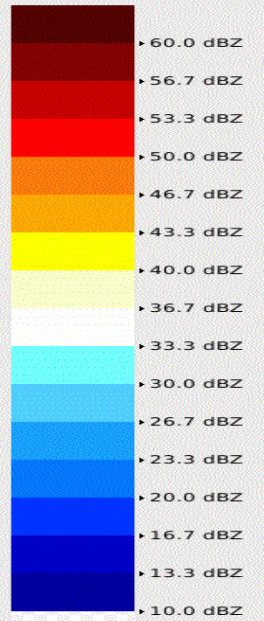
TIME: 10/10/2018 1730IST

| | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 1. | Name of the station | DWR VSK |
| 2. | Date and Time of Observation (UTC) | 11:30UTC |
| 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) | 45 KMS |
| | d. Estimation of centre of the cyclone based on Eye/spiral band observation | 17.5N 85.38E Azi 96.8 / Dist 217KMS(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) | 44 DBZ/ 5 kms(height)/89.8 deg/194 kms |
| | g. Maximum reflectivity at any other area (spiral/ streamers etc) | 44 dbz |
| | 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 210kms from Radar/ Height of 3.5km |
| | i. Maximum velocity in any other area (spiral / streamers / rain shields etc) | - |
| 5. | Tendency of the Cyclone | |
| | a. Intensity(Increasing/Decreasing) | Increasing |
| | b. Duration for which the information on movement pertains to | Past 1 hr |
| | c. Direction of Movement | North-Northwestwards |
| | d. Estimated speed of Movement | 17 kmph |
| 6. | Any other Significant Feature | 215 kms S-SE of Gopalpur & 170 kms SE of Kalingapatnam. |
| 7. | Confidence | Fair |

OFFICER IN CHARGE
DWR VISAKHAPATNAM



PPI (dBZ)
 11:30 / 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

