

# **CYCLONE REPORT No: 02/BLTN ISSUED 05.30Z**

1. Name of the Station : DWR VISAKHAPATNAM
2. Date and Time (UTC) of observation : 201605200511UTC  
(yyyymmddhhmm)
3. Name of the Cyclone (if declared ) : ROANU
4. Information about Eye of the Cyclone :
  - a. Is the eye visible (yes/No) : NO
  - b. Shape of the Eye : BKN MASS
  - c. Diameter of the Eye (km) :
  - d. Estimation of centre of the cyclone based on Eye/spiral band observation :
  - e. Echo top (height 20 dBZ level) of rain bearing : 5KMS  
Clouds around the cyclone within 100 Km  
Radius (km)
  - f. (i) Maximum radar reflectivity (dBZ) & rainfall: 48 DBZ /2.1KMS/67.2DEG AZI/155 KMS  
Rate (mm/h) in the eye wall/spiral band  
Region, its height (km) and position  
(Azimuth and distance from the radar)
  - (ii) Maximum reflectivity at any other area : -  
(Spiral/ streamers etc)
  - (iii) Maximum reflectivity at any other area :  
(Out of spiral/ streamers etc)
  - g. (i) Maximum radial velocity in eye wall/spiral : 23.5MPS(85KMPH)/2.3 KM/165KMS  
Band region (mps), its height (km) and its  
Position (azimuth and distance from the Radar)
  - (ii) 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 of the system pertains to
  - c. Direction of movement :ENE LY
  - d. Estimated speed of movement (km/h) :
6. Any other significant feature(s) : Confidence poor.