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## **CYCLONE REPORT No:5**

1. Name of the Station : DWR VISAKHAPATNAM
2. Date and Time (UTC) of observation : 201410110200  
(yyyymmddhhmm)
3. Name of the Cyclone (if declared ) : HUDHUD
4. Information about Eye of the Cyclone :
  - a. Is the eye visible (yes/No) : YES
  - b. Shape of the Eye : CLOSED EYE
  - c. Diameter of the Eye (km) : 52.0 KMS(Radius of Max Reflectivity:80kms)
  - d. Estimation of centre of the cyclone based on : EYE, 15.83 N, 85.51 E / 132.3Deg/ 314Kms  
/.N, Eye/spiral band observation
  - e. Echo top (height 20 dBZ level) of rain bearing : 13.8 KMS  
clouds around the cyclone within 100 Km  
radius (km)
  - f. (i) Maximum radar reflectivity (dBZ) & rainfall: 46.5 dBz  
rate (mm/h) in the eye wall/spiral band : 3.3 kms, 135.7.3/,285.9 kms  
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 :  
(spiral/ streamers etc)
  - g. (i) Maximum radial velocity in eye wall/spiral : No.  
band region (mps), its height (km) and its  
oposition (azimuth and distance from the Radar)
  - (ii) Maximum velocity in any other area : 44.0 Mps( At 3.81 Km asl)  
(spiral / streamers / rain shields etc)
5. Tendency of the Cyclone :
  - a. Intensity (Increasing/Decreasing) : --
  - b. Duration for which the information on : --  
movement of the system pertains to
  - c. Direction of movement : W ly
  - d. Estimated speed of movement (km/h) : 11 km
6. Any other significant feature(s) : NA