
CYCLONE REPORT No:4

1. Name of the Station : DWR VISAKHAPATNAM
2. Date and Time (UTC) of observation : 201411100100
(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 : HALF EYE
 - c. Diameter of the Eye (km) : 50.0 KMS(Radius of Max Reflectivity:80kms)
 - d. Estimation of centre of the cyclone based on : EYE, 15.8 N, 85.6 E / 131Deg/ 325Kms
/.N, Eye/spiral band observation
 - e. Echo top (height 20 dBZ level) of rain bearing : 11.2 KMS
clouds around the cyclone within 100 Km
radius (km)
 - f. (i) Maximum radar reflectivity (dBZ) & rainfall: 45.0 dBz
rate (mm/h) in the eye wall/spiral band 11.2 kms, 132.7/,289 kms
region, its height (km) and position
(azimuth and distance from the radar)
 - (ii) Maximum reflectivity at any other area : 45.0 dBz
(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 : 35.0 Mps
(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) : --
6. Any other significant feature(s) : NA