
CYCLONE REPORT No:12

1. Name of the Station : DWR VISAKHAPATNAM
2. Date and Time (UTC) of observation : 201410110900
(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) : 41.3 KMS
 - d. Estimation of centre of the cyclone based on Eye/spiral band observation : EYE, 16.12 N, 85.01 E / 135.0Deg /252.9 Kms
 - e. Echo top (height 20 dBZ level) of rain bearing : 18.0 KMS
Clouds around the cyclone within 100 Km
Radius (km)
 - f. (i) Maximum radar reflectivity (dBZ) & rainfall: 44.5 dbZ
Rate (mm/h) in the eye wall/spiral band : 2.1 kms, 138.7/233.6 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 :
(Out of spiral/ streamers etc)
 - g. (i) Maximum radial velocity in eye wall/spiral : 46.0 MPS AT 2.6 KMS ASL
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) : --
 - b. Duration for which the information on : 3hrly-
Movement of the system pertains to
 - c. Direction of movement : W NW ly
 - d. Estimated speed of movement (km/h) : 8.8
6. Any other significant feature(s) : NA