
CYCLONE REPORT No: 21

1. Name of the Station : DWR VISAKHAPATNAM
2. Date and Time (UTC) of observation : 201410111800
(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) : 40.6 KMS
 - d. Estimation of centre of the cyclone based on Eye/spiral band observation : EYE, 16.57 N, 84.75 E / 131.1 Deg / 198.8 Kms
 - e. Echo top (height 20 dBZ level) of rain bearing : 11.3 KMS
Clouds around the cyclone within 100 Km
Radius (km)
 - f. (i) Maximum radar reflectivity (dBZ) & rainfall: 49.0 dbZ
Rate (mm/h) in the eye wall/spiral band : 3.2 kms, 127.8 / 162.8 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 : 48.6 MPS AT 2.8 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 : NW ly
 - d. Estimated speed of movement (km/h) : 10.2
6. Any other significant feature(s) : NA