
CYCLONE REPORT No: 23

1. Name of the Station : DWR VISAKHAPATNAM
2. Date and Time (UTC) of observation : 201410112000
(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) : 38.7 KMS
 - d. Estimation of centre of the cyclone based on Eye/spiral band observation : EYE, 16.77 N, 84.57 E / 129.8 Deg / 170.0 Kms
 - e. Echo top (height 20 dBZ level) of rain bearing Clouds around the cyclone within 100 Km Radius (km) : 9.9 KMS
 - f. (i) Maximum radar reflectivity (dBZ) & rainfall: 45.0 dbZ
Rate (mm/h) in the eye wall/spiral band 1.8 kms, 118.6 / 137.4 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 Band region (mps), its height (km) and its Position (azimuth and distance from the Radar) : 48.2 MPS AT 3.1 KMS ASL
(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 Movement of the system pertains to : 3hrly-
 - c. Direction of movement : NW ly
 - d. Estimated speed of movement (km/h) : 15.3
6. Any other significant feature(s) : NA