
CYCLONE REPORT No:7

1. Name of the Station : DWR VISAKHAPATNAM
2. Date and Time (UTC) of observation : 201410110400
(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) : 47.0 KMS
 - d. Estimation of centre of the cyclone based on Eye/spiral band observation : EYE, 15.86 N, 85.38 E / 133.3Deg/ 301.0Kms
 - e. Echo top (height 20 dBZ level) of rain bearing clouds around the cyclone within 100 Km radius (km) : 10.4 KMS
 - f. (i) Maximum radar reflectivity (dBZ) & rainfall: 45.0 dbZ
rate (mm/h) in the eye wall/spiral band region, its height (km) and position (azimuth and distance from the radar) : 3.2 kms, 137.5/278.8. kms
(ii) Maximum reflectivity at any other area : 48 dbZ (AZ 103.6/163.1KM)
(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) : .42.2MPS AT 4.0 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 : --
 - c. Direction of movement : NW ly
 - d. Estimated speed of movement (km/h) : 02km
6. Any other significant feature(s) : NA