
CYCLONE REPORT No:1

1. Name of the Station : DWR VISAKHAPATNAM
2. Date and Time (UTC) of observation : 201410102200
(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) : 30.4 KMS
 - d. Estimation of centre of the cyclone based on Eye/spiral band observation : EYE, 15.7 N, 85.7 E / 131.1/ 334.2.N,
 - e. Echo top (height 20 dBZ level) of rain bearing clouds around the cyclone within 100 Km radius (km) : 14.2 KMS
 - f. (i) Maximum radar reflectivity (dBZ) & rainfall: 41.0 dBz
rate (mm/h) in the eye wall/spiral band 14.2kms, 134.4/,332.0 kms
region, its height (km) and position
(azimuth and distance from the radar)
 - (ii) Maximum reflectivity at any other area : 47.0 dBz
(spiral/ streamers etc)
 - (iii) Maximum reflectivity at any other area :
(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) : No.
 - (ii) Maximum velocity in any other area : 30.5Mps
(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 : WNW ly
 - d. Estimated speed of movement (km/h) : --
6. Any other significant feature(s) : NA