

---

## CYCLONE REPORT No:2

1. Name of the Station : DWR VISAKHAPATNAM
2. Date and Time (UTC) of observation : 201410102300  
(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) : 38.0 KMS
- d. Estimation of centre of the cyclone based on : EYE, 15.8 N, 85.7 E / 131.0/ 334.2  
/.N, Eye/spiral band observation
- e. Echo top (height 20 dBZ level) of rain bearing : 14.3 KMS  
clouds around the cyclone within 100 Km  
radius (km)
- f. (i) Maximum radar reflectivity (dBZ) & rainfall: 41.0 dBz  
rate (mm/h) in the eye wall/spiral band : 14.3kms, 137.0/,318.0 kms  
region, its height (km) and position  
(azimuth and distance from the radar)
- (ii) Maximum reflectivity at any other area : 44.5 dBz  
(spiral/ streamers etc)
- (iii) Maximum reflectivity at any other area :  
(spiral/ streamers etc)
- g. (i) Maximum radial velocity in eye wall/spiral : No.  
band region (mps), its height (km) and its  
position (azimuth and distance from the Radar)
- (ii) Maximum velocity in any other area : 35.0 Mps  
(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 : W ly
- d. Estimated speed of movement (km/h) : --
6. Any other significant feature(s) : NA