

DWR VIZAG CYCLONE BULLETIN

CYCLONE BULLETIN NO: 23 CYCLONE: FANI TIME: 02/05/2019 11:00 IST

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| 1. | Name of the station | DWR VSK |
| 2. | Date and Time of Observation (UTC) | 0500 UTC 02/05/2019 |
| 3. | Name of the Cyclone | FANI |
| 4. | Information about the eye of the Cyclone | |
| | a. Is the Eye Visible | Yes |
| | b. Shape of the Eye | Circular |
| | c. Diameter of the Eye(km) | 30 km |
| | d. Estimation of centre of the cyclone based on Eye/spiral band observation | 16.50N 84.74 E Azi- 132 Dist-203 km from VSK |
| | e. Echo top (height 20 dBZ level) of rain bearing clouds around the cyclone within 100 Km radius (km) | 13 km |
| | f. Maximum radar reflectivity (dBZ) & rainfall rate (mm/h) in the eye wall/spiral band region, its height (km) and position (azimuth and distance from the radar) | 51dbZ,3.9km (Height)/134Deg/222km |
| | g. Maximum reflectivity at any other area (spiral/streamers etc) | 48 dbZ 0.7 km(Height)/84.8Deg/83.4km |
| | h. Maximum radial velocity in eye wall/spiral band region (mps), its height (km) and its position (azimuth and distance from the Radar) | 62.2 MPS/ 224 kmph/120.9 knt 206km from radar/ 3.4 km |
| | i. Maximum velocity in any other area (spiral / streamers / rain shields etc) | - |
| 5. | Tendency of the Cyclone | |
| | a. Intensity(Increasing/Decreasing) | Increasing |
| | b. Duration for which the information on movement pertains to | 1 hour |
| | c. Direction of Movement | North |
| | d. Estimated speed of Movement | 20 kmph |
| 6. | Any other Significant Feature | - |
| 7. | Confidence | Good |

Bibraj R
OFFICER IN CHARGE
DWR VISAKHAPATNAM