

DWR PARADEEP

Cyclone bulletin No.01

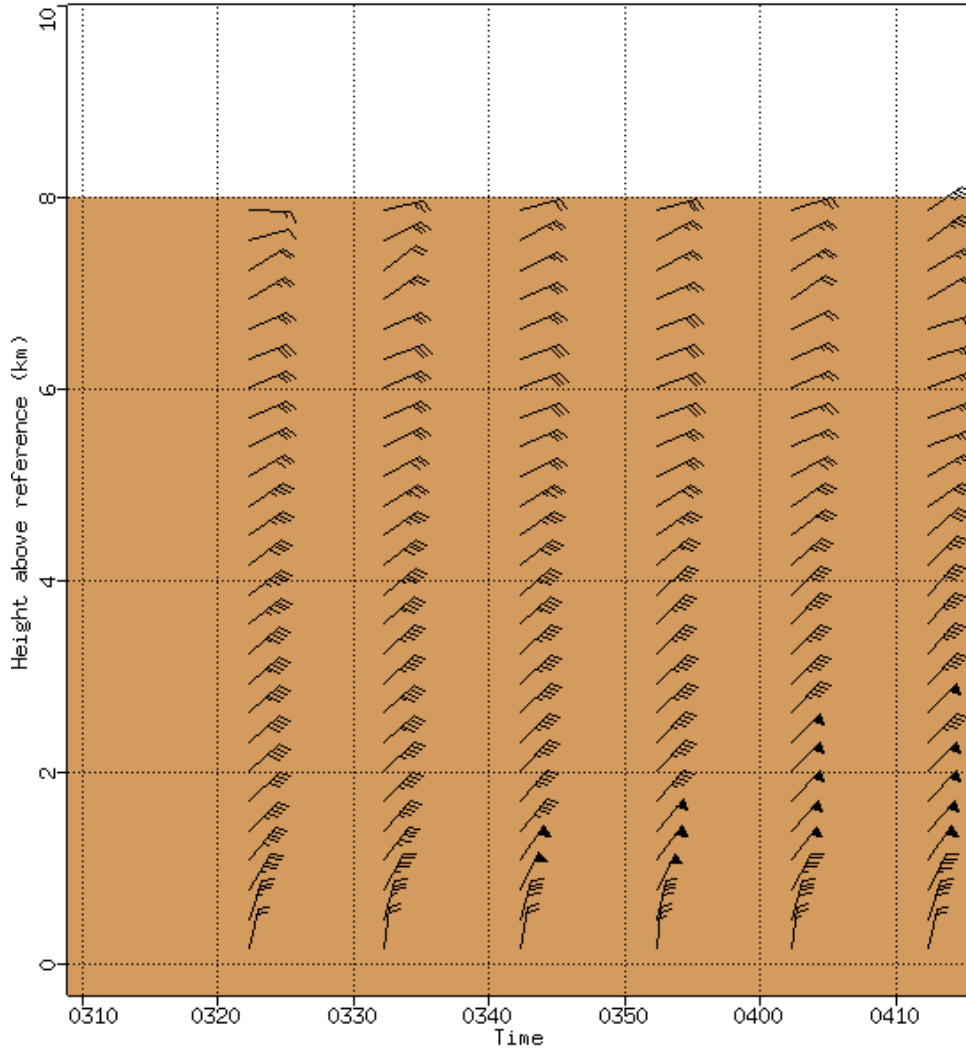
Cyclone : DANA

Time: 24/10/2024 09:30 IST

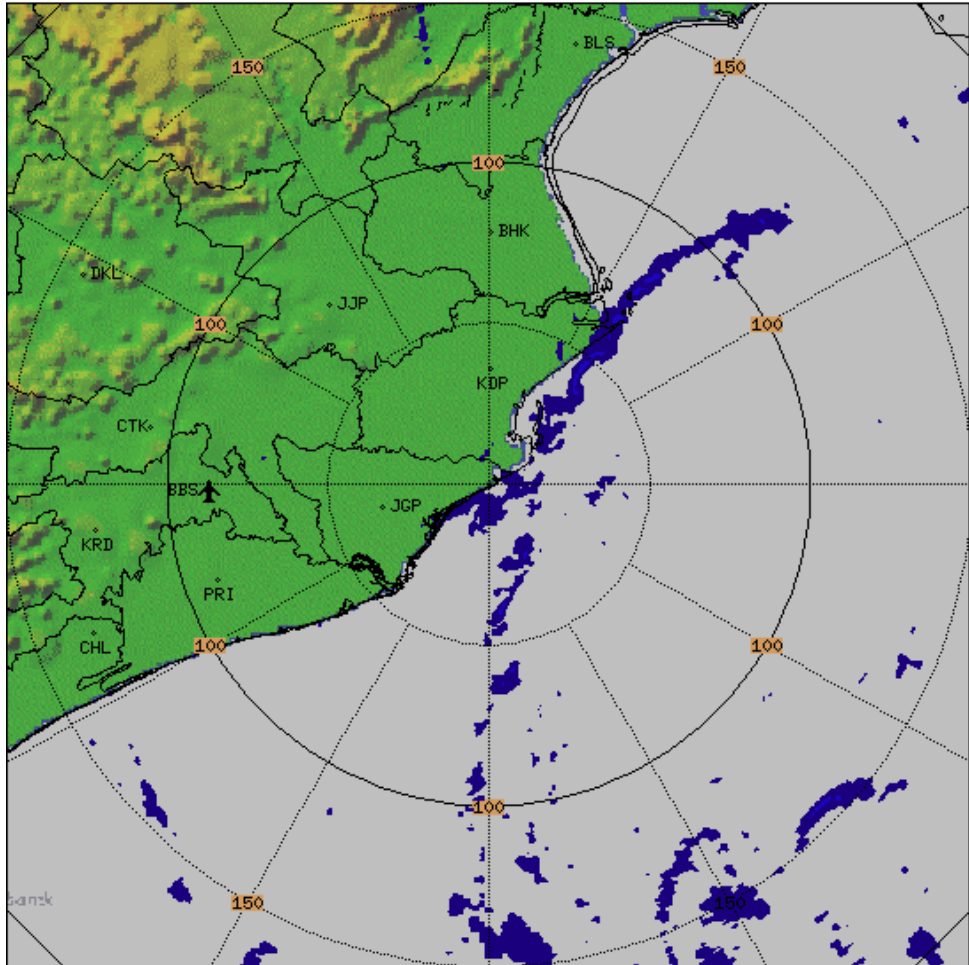
1.	Name of the Station	DWR PARADEEP
2.	Date & Time of observation (UTC)	24/10/2024 0400 UTC
3.	Name of Cyclone	DANA
4.	Information about the Eye of the cyclone	
	a)Is the Eye Visible	Distorted
	b)Shape of the Eye	N/A
	c)Diameter of the Eye (km)	N/A
	d)Estimation of centre of the cyclone based on Eye/Spiral band observation	18.83N/87.79E/142.8deg/198km
	e)Echo top (20 dBZ level) of rain bearing clouds around the System within 100 km radius	N/A
	f) Maximum radar reflectivity (dBZ) in eye wall and Spiral band region, its height (km) and position (azimuth and distance from the radar)	42.0dBZ/10km/143.8deg/224.0km
	g) Maximum reflectivity at any other area (spiral/ streamers etc)	38.0dBZ/8.5km/167.5deg/171.8km
	h) Maximum radial velocity in observed (mps), its height (km) and its position (azimuth and distance from the Radar)	41.3mps/3.9km/138.8deg/192.9km
	i) Maximum velocity in any other area (spiral / streamers / rain shields etc)	27.7mps/2.2km/176.2deg/129.3km
5.	Tendency of the Cyclone	
	a. Intensity(Increasing/Decreasing)	N/A
	b. Duration for which the information on movement pertains to	One hour
	c. Direction of Movement	NW
	d. Estimated speed of Movement	7 kmph
6.	Any other Significant Feature	N/A
7.	Confidence	LOW

Dhaneesh K (Sc.D)

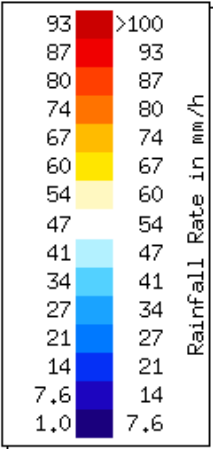
OFFICER-IN-CHARGE
DWR Paradeep

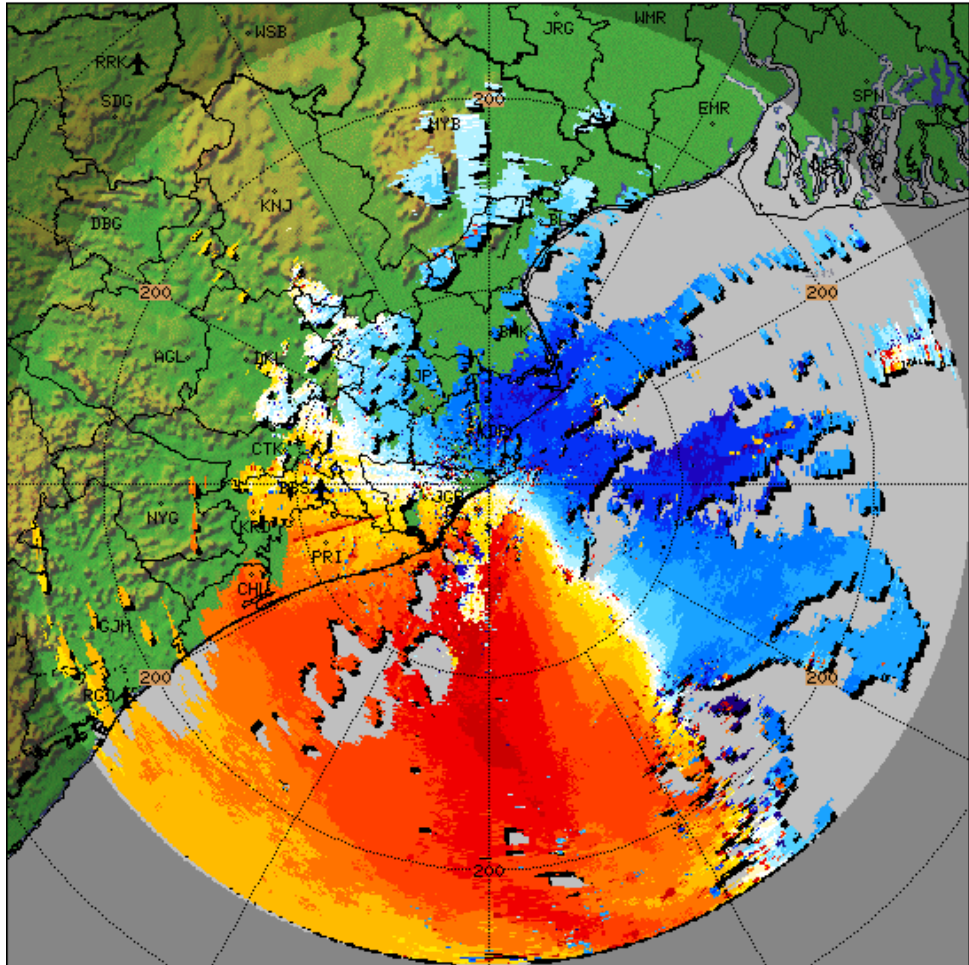


PARADEEP-RADAR
Vol. Vel. Proc.
VWP_30KM
Task: IMD-B
#Intervals:26
Heights:0-8 km
Max Range:30 km
04:12:23Z
24 OCT 2024 UTC

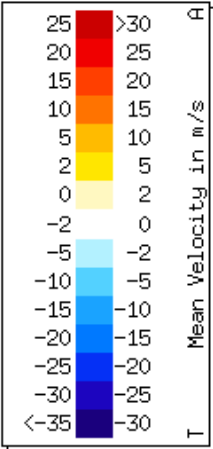


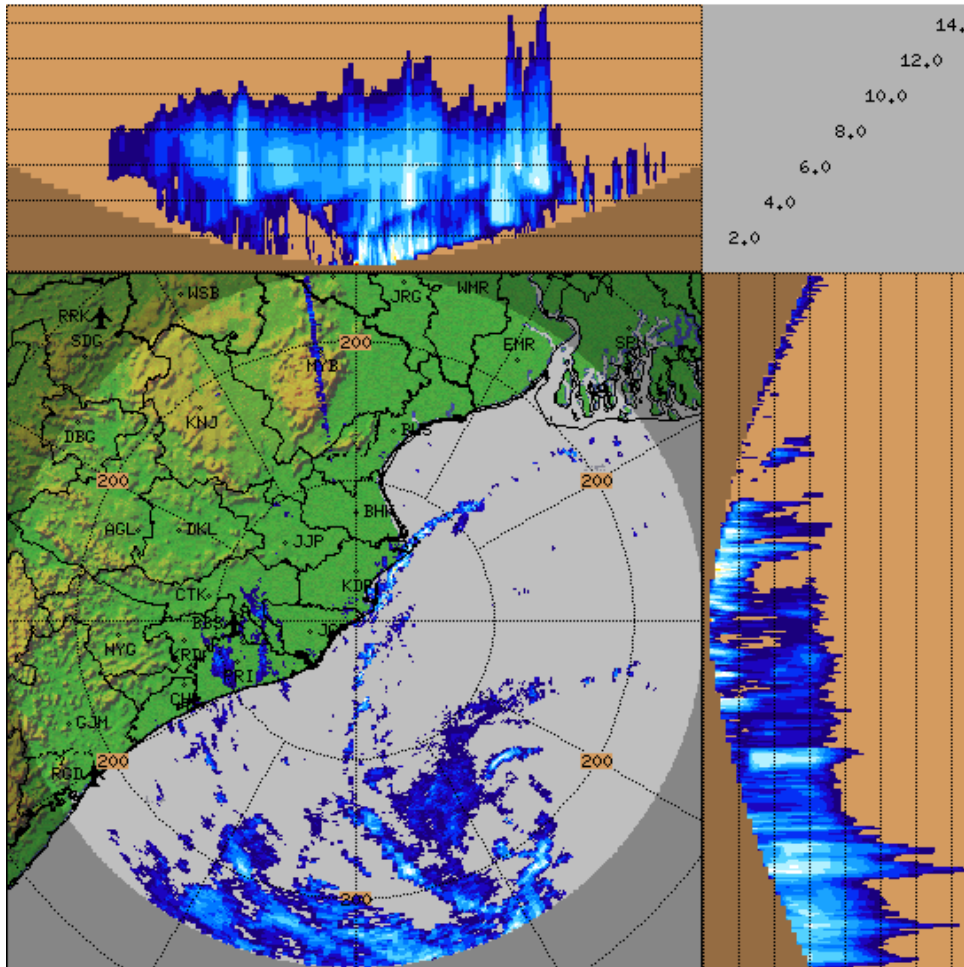
PARADEEP-RADAR
 Surface Rainfall
 SRI_150
 Task: IMD-B
 PRF:600/450
 Melt:Unknown
 Max Range:150 km
04:12:23Z
24 OCT 2024 UTC



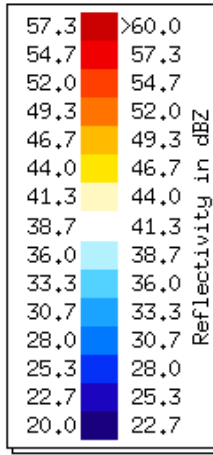


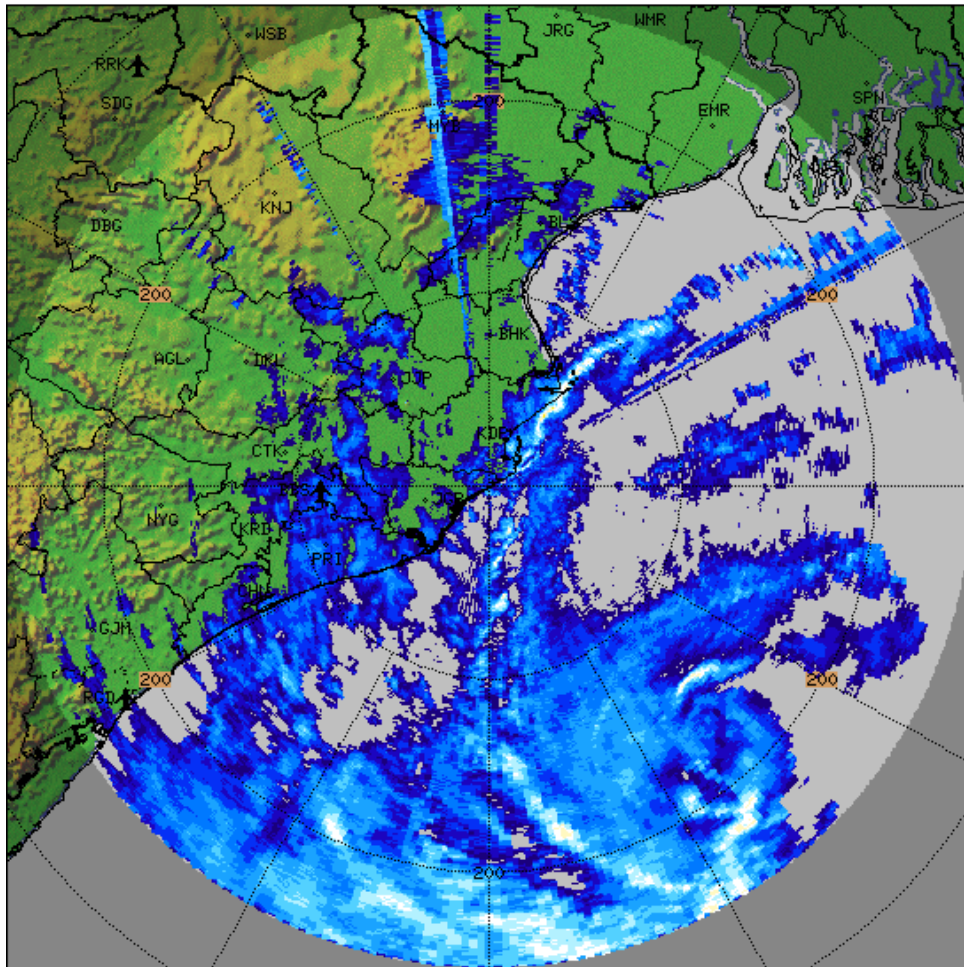
PARADEEP-RADAR
 PPI
 PPI_V
 Task: IMD-B
 PRF:600/450
 Elevation:0.5
 Max Range:250 km
04:12:23Z
24 OCT 2024 UTC





PARADEEP-RADAR
 Max with panels
 MAX_Z
 Task: IMD-B
 Min Hgt:0.0 km
 Max Hgt:15.0 km
 Max Range:250 km
04:12:23Z
24 OCT 2024 UTC





PARADEEP-RADAR
CAPPI
Z_250_PSEUDO
Task: IMD-B
PRF:600/450
Height:1.0 km
Max Range:250 km
04:12:23Z
24 OCT 2024 UTC

