

# DWR VIZAG CYCLONE BULLETIN

CYCLONE BULLETIN NO: 23 CYCLONE: GULAB TIME: 26-09-2021 13:00 UTC

1.	Name of the station	DWR VSK
2.	Date and Time of Observation (UTC)	1300 UTC
3.	Name of the Cyclone	GULAB
4.	Information about the eye of the Cyclone	
	a. Is the Eye Visible	NO
	b. Shape of the Eye	-
	c. Diameter of the Eye(km)	-
	d. Estimation of centre of the cyclone based on Eye/spiral band observation	18.32° N / 84.5° E Az Ang 63.4° Distance from DWR: 136 kms
	e. Echo top height of rain bearing clouds around the cyclone within 100 Km radius (km)	17 kms
	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)	52 dBZ Height: 17 kms Distance: 98 kms
	g. Maximum reflectivity at any other area (spiral/streamers etc)	-
	h. Maximum radial velocity in eye wall/spiral band region (mps), its height (km) and its position (azimuth and distance from the Radar)	-
	i. Maximum velocity in any other area (spiral / streamers / rain shields etc)	29 m/s (Radial)
5.	Tendency of the Cyclone	
	a. Intensity(Increasing/Decreasing)	-
	b. Duration for which the information on movement pertains to	1 hour
	c. Direction of Movement	WSW
	d. Estimated speed of Movement	10.1 kmph
6.	Any other Significant Feature	
7.	Confidence	Poor

Deep Karan Singh  
OFFICER IN CHARGE  
DWR VISAKHAPATNAM