

DWR VIZAG CYCLONE BULLETIN

CYCLONE BULLETIN NO: 19 CYCLONE: GULAB TIME: 26-09-2021 09:00 UTC

1.	Name of the station	DWR VSK
2.	Date and Time of Observation (UTC)	0900 UTC
3.	Name of the Cyclone	GULAB
4.	Information about the eye of the Cyclone	
	a. Is the Eye Visible	YES
	b. Shape of the Eye	NOT WELL DEFINED
	c. Diameter of the Eye(km)	-
	d. Estimation of centre of the cyclone based on Eye/spiral band observation	18.4° N / 85.1° E Az Ang 64.7° Distance from DWR: 186 kms
	e. Echo top height of rain bearing clouds around the cyclone within 100 Km radius (km)	16 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)	47 dBZ Height: 16 kms Distance: 180 kms
	g. Maximum reflectivity at any other area (spiral/streamers etc)	47 dBZ
	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)	27 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	W
	d. Estimated speed of Movement	23.24 kmph
6.	Any other Significant Feature	
7.	Confidence	Good

Deep Karan Singh
OFFICER IN CHARGE
DWR VISAKHAPATNAM