



India Meteorological Department  
(Ministry of Earth Sciences)

**BULLETIN NUMBER: 24 (BOB/04/2021)**

**TIME OF ISSUE: 1140 HOURS IST**

**DATED: 28.09.2021**

**FROM: INDIA METEOROLOGICAL DEPARTMENT (FAX NO. 24643965/24699216/24623220)**

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**Sub: Depression (remnant of Cyclonic Storm 'GULAB') over southwest Vidarbha & neighbourhood.**

The Depression over Telangana and adjoining areas of Marathwada & Vidarbha moved west-northwestwards with a speed of 26 kmph during last 06 hours and lay centered at 0830 hrs IST of 28<sup>th</sup> September 2021 over southwest Vidarbha & neighbourhood near Lat. 19.4°N and Long. 77.3°E, about 60 km east-northeast of Parbhani (Marathwada) and 250 km southwest of Nagpur (Vidarbha).

It is likely to move west-northwestwards and weaken into a Well Marked Low Pressure Area during next 06 hours. The system is likely to emerge into northeast Arabian Sea and adjoining Gujarat coast around 30<sup>th</sup> September and there is likelihood for the system to further intensify over northeast Arabian Sea during the subsequent 24 hours.

**Warnings:**

**(i) Rainfall**

- 28<sup>th</sup> Sept.: Light to moderate rainfall at most places with **heavy to very heavy & extremely heavy falls at isolated places** very likely over Konkan, Madhya Maharashtra, Marathwada

and south Gujarat region; heavy to very heavy falls at isolated places over Saurashtra & Kutch and heavy rainfall at isolated places over Vidarbha.

- 29<sup>th</sup> Sept.: Light to moderate rainfall at most places with **heavy to very heavy & extremely heavy falls at isolated places** very likely over south Gujarat, heavy to very heavy falls at isolated places over north Madhya Maharashtra and Konkan and heavy rainfall at isolated places over Marathwada.
- 30<sup>th</sup> Sept: Light to moderate rainfall at most places with **heavy to very heavy falls at isolated places** very likely over Saurashtra & Kutch and heavy falls at isolated places over Gujarat region.

**(ii) Wind warning**

- Squally wind, speed reaching 35-45 kmph gusting to 55 kmph, is likely to prevail over western parts of Vidarbha and adjoining districts of Marathwada and Telangana during next 06 hours and decrease thereafter.

**(vii) EXPECTED IMPACT & ACTION SUGGESTED due to Strong winds & very Heavy/Extremely heavy Rainfall.**

- Partial Damage to thatched huts.
- Major damage to Kutcha and minor damage to Pucca roads.
- Localized Flooding of roads, inundation and water logging in low lying areas and closure of underpasses mainly in urban areas.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in cities due to water logging in roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to standing crops and horticulture including paddy, banana, papaya trees and orchards due to inundation and strong winds.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

**Action Suggested.**

- Avoid staying in vulnerable structure.
- Avoid going to areas that face the water logging problems often.
- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Follow IMD warnings for updates

**(Sunitha Devi. S)**  
**Scientist-F, RSMC, New Delhi**

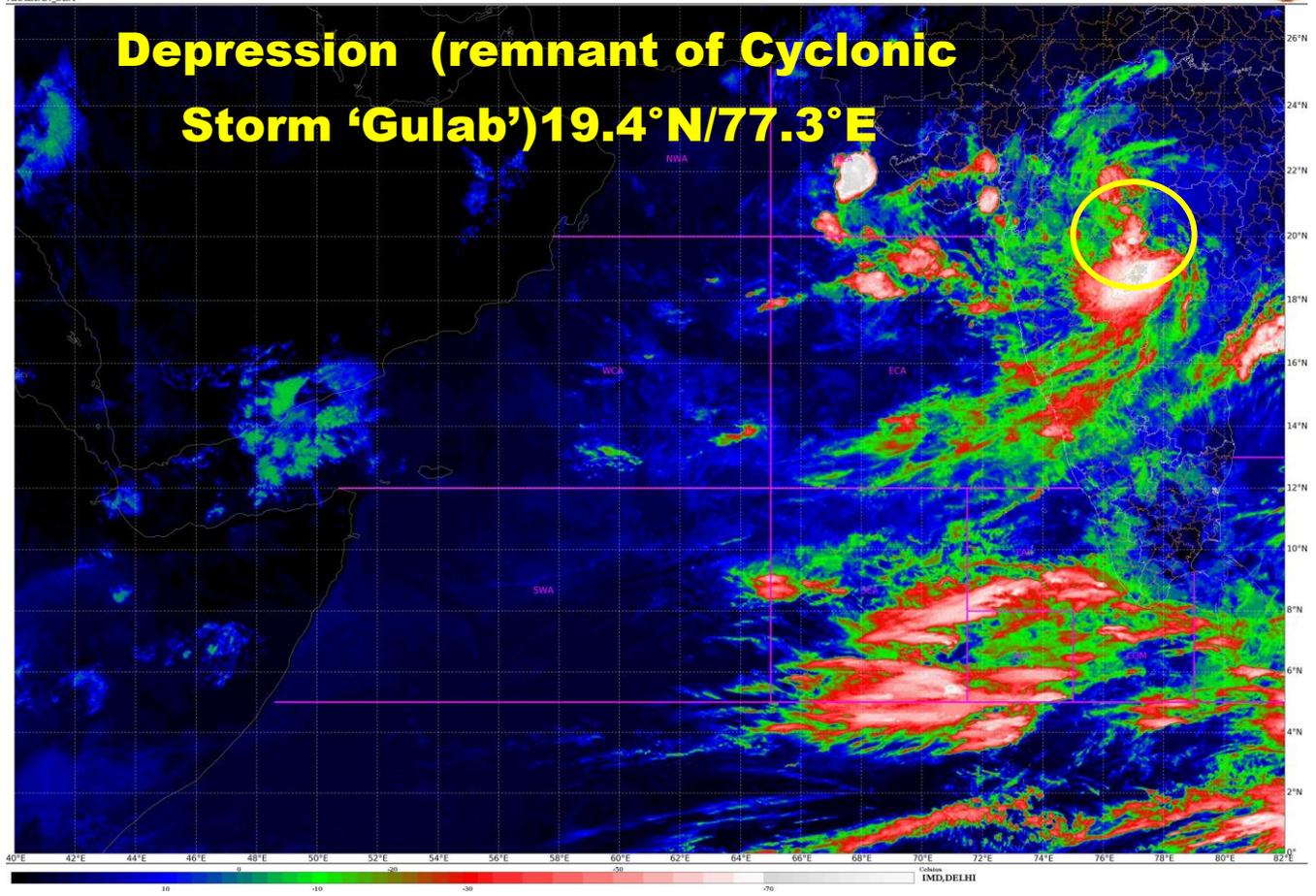
**Next bulletin will be issued at 1430 hrs IST of today, the 28<sup>th</sup> September, 2021.**

*Copy to: ACWC Kolkata/ Chennai/CWC Bhubaneswar/CWC Visakhapatnam/MC Ranchi/MC Hyderabad/MC Raipur*

<p><b>LEGEND: Heavy Rainfall:</b> 64.5 to 115.5mm, <b>Very Heavy Rainfall:</b> 115.6 to 204.4mm, <b>Extremely Heavy Rainfall:</b> 204.5mm or more. <b>Many Places:</b> 51% to 75% of the stations, <b>Most Places:</b> more than 76% of total stations, <b>Isolated Places:</b> Less than 25% of total stations</p>
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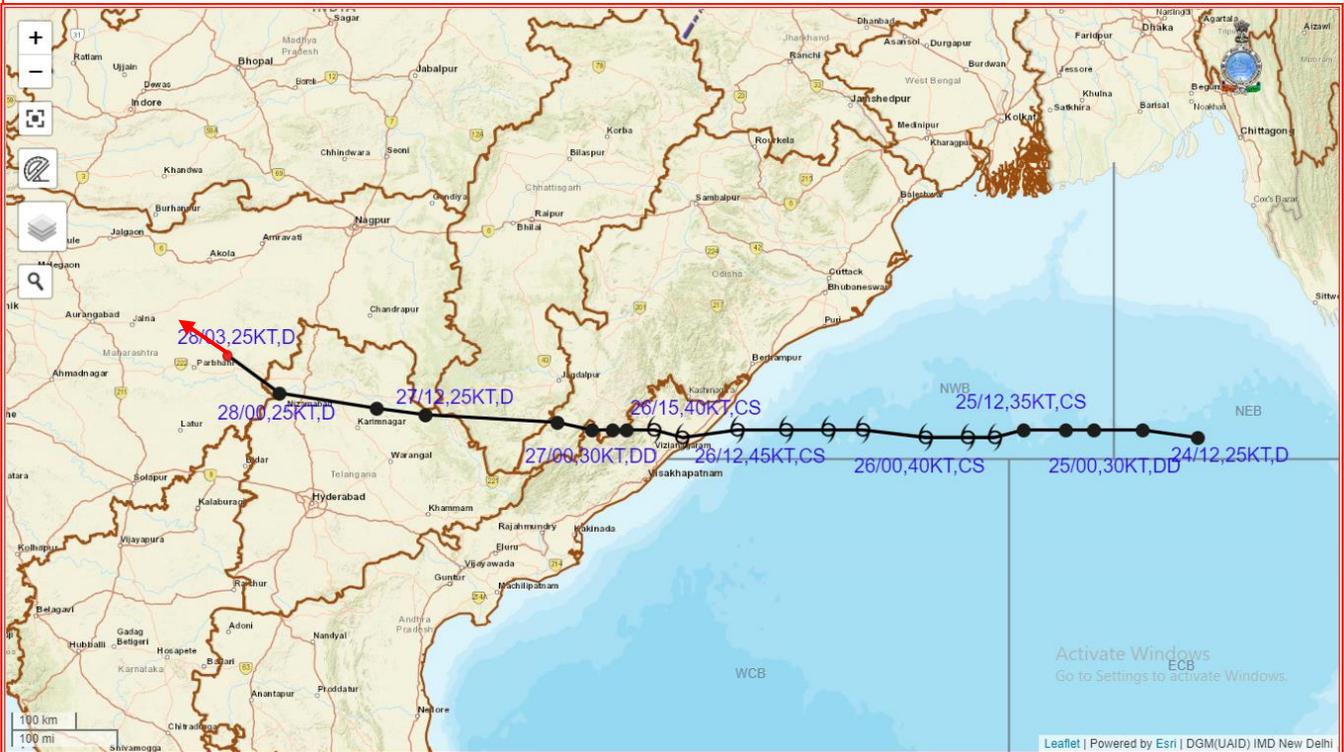


# Depression (remnant of Cyclonic Storm 'Gulab') 19.4°N/77.3°E





## OBSERVED AND FORECAST TRACK OF DEPRESSION (REMNANT OF CYCLONIC STORM GULAB) OVER SOUTHWEST VIDARBHA AND NEIGHBOURHOOD BASED ON 0300 UTC OF 28<sup>TH</sup> SEPTEMBER, 2021



**DATE/TIME IN UTC**  
**IST=UTC + 0530**  
**L: LOW PRESSURE AREA**  
**WML: WELL MARKED LOW PRESSURE AREA**  
**D: DEPRESSION (17-27 KT)**  
**DD: DEEP DEPRESSION (28-33 KT)**  
**CS: CYCLONIC STORM (34-47 KT)**  
**SCS: SEVERE CYCLONIC STORM (48-63KT)**  
**VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)**  
**ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)**  
**SuCS: SUPER CYCLONIC STORM ( $\geq 20$  KT)**

- LESS THAN 34 KT**
- 34-47 KT**
- $\geq 48$  KT**
- OBSERVED TRACK**
- FORECAST TRACK**
- CONE OF UNCERTAINTY**

**Sub-division wise heavy rainfall warning for next 5 days**

