



India Meteorological Department
(Ministry of Earth Sciences)

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Sub: Depression (remnant of Cyclonic Storm 'GULAB') weakened into a well marked Low pressure area over western parts of Vidarbha & neighbourhood.

The Depression over southwest Vidarbha & neighbourhood moved west-northwestwards weakened into a well **marked Low pressure area** and lay centered at 1130 hrs IST of today, the 28th September 2021 over **western parts of Vidarbha & neighbourhood**.

It is likely to move northwestwards and weaken gradually during next 24 hours. The system is likely to emerge into northeast Arabian Sea and adjoining Gujarat coast around 30th September and there is likelihood for the system to further intensify into a depression over northeast Arabian Sea during the subsequent 24 hours.

Realised rainfall amounts in cm (7 cm or more) in association with the system during past 24 hours ending at 0830 hrs IST of 28th September 2021 is given in **Annexure**.

Warnings:

(i) Rainfall

- 28th Sept.: Light to moderate rainfall at most places with **heavy to very heavy & extremely heavy falls at isolated places** very likely over north Konkan, north 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.

- 29th 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.
- 30th 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

- Strong wind, speed reaching 30-40 kmph gusting to 50 kmph, is likely to prevail over western parts of Vidarbha and adjoining districts of Marathwada and Madhya Maharashtra during next 24 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.

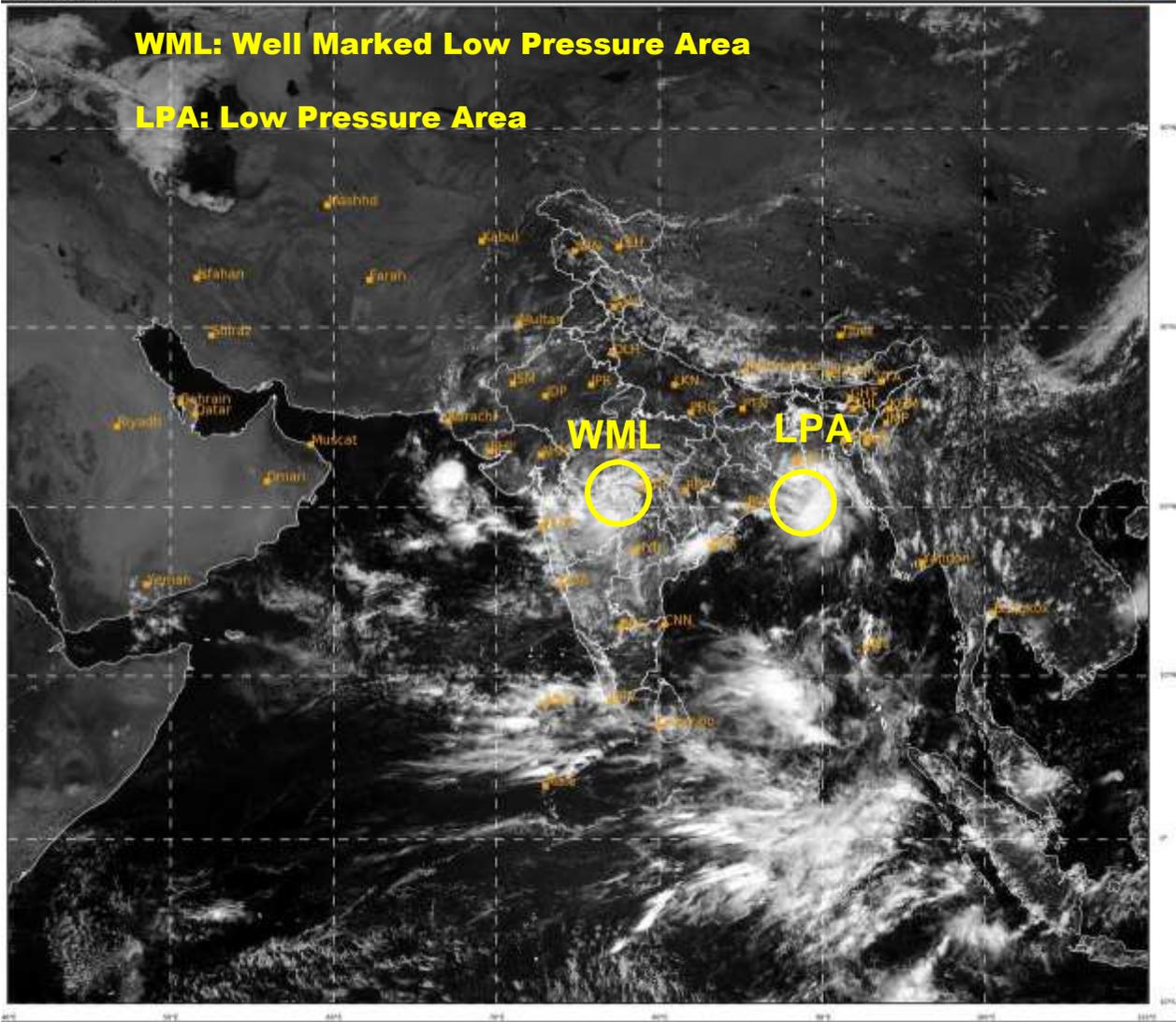
- Avoid staying in vulnerable structure.
- Avoid going to areas that face the water logging problems often.
- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Follow IMD warnings for updates

This is the last bulletin pertaining to this system. However, regular weather bulletins will continue from National Weather Forecasting Centre, as well as from the Regional & State level Forecasting Offices of IMD. The emergence of the remnant system into north Arabian Sea and its chances of further intensification are being closely monitored.

(Sunitha Devi. S)
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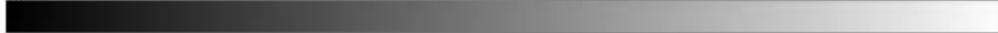
Copy to: ACWC Kolkata/ Chennai/CWC Bhubaneswar/CWC Visakhapatnam/MC Ranchi/MC Hyderabad/MC Raipur

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



15

570



IMD, DELHI



OBSERVED TRACK OF CYCLONIC STORM 'GULAB' OVER BAY OF BENGAL DURING 24TH TO 28TH 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)

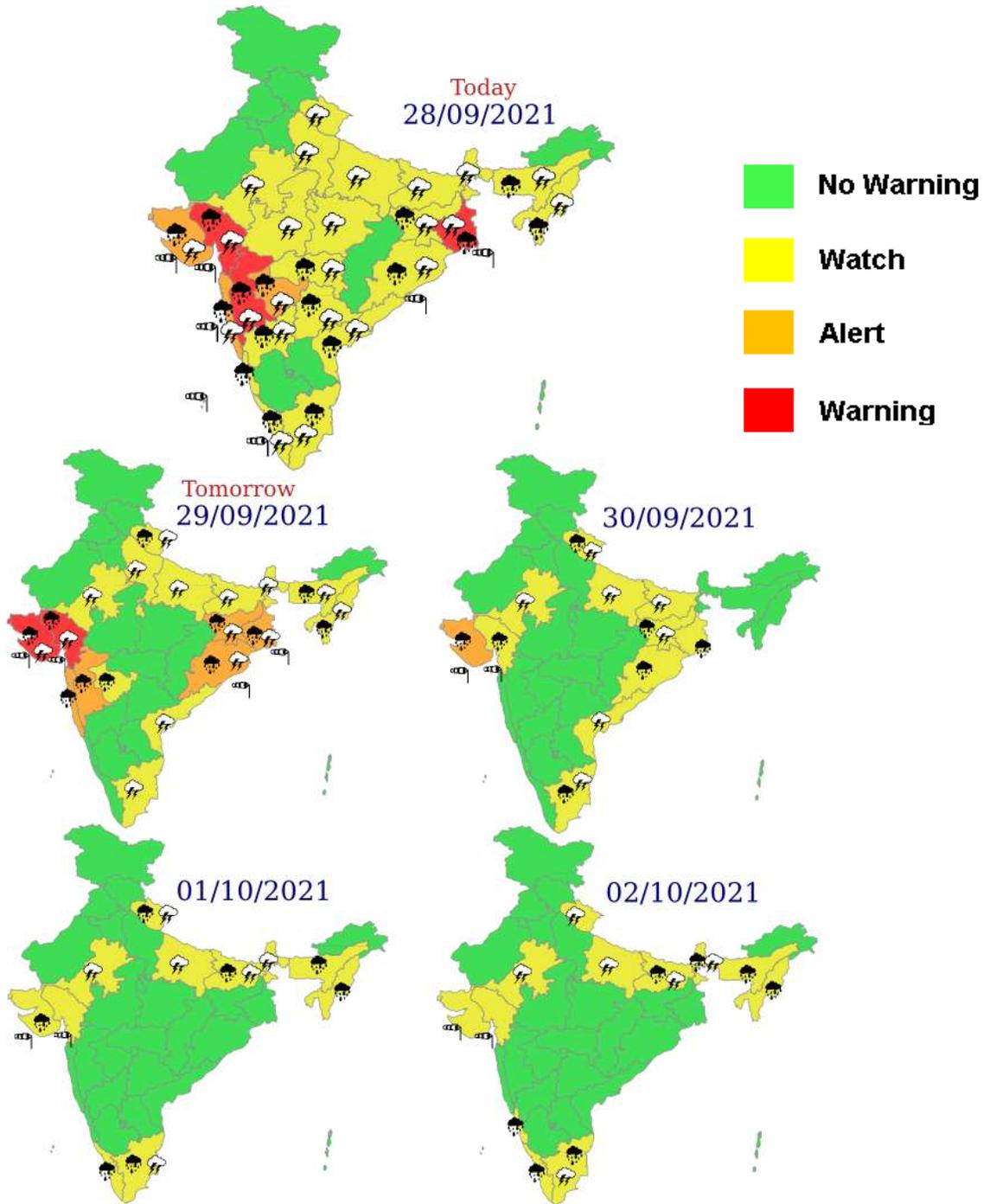
SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

- LESS THAN 34 KT
- 34-47 KT
- ≥ 48 KT
- OBSERVED TRACK
- FORECAST TRACK
- ▲ CONE OF UNCERTAINTY
- AREA OF MAXIMUM SUSTAINED WIND SPEED:
- 28-33 KT (52-61 KMPH)
- 34-49 KT (62-91 KMPH)
- 50-63 KT (92-117 KMPH)
- ≥ 64 KT (≥118 KMPH)

IMPACT OVER THE SEA

| MSW (knot/kmph) | Impact | Action |
|-----------------|------------------------|--|
| 28-33 (52-61) | Very rough seas | Total suspension of fishing operations |
| 34-49 (62-91) | High to very high seas | Total suspension of fishing operations |
| 50-63 (92-117) | Very high seas | Total suspension of fishing operations |
| ≥ 64 (≥118) | Phenomenal | Total suspension of fishing operations |

Sub-division wise heavy rainfall warning for next 5 days



Realised rainfall amounts in cm (7 cm or more) in association with the system during past 24 hours ending at 0830 hrs IST of 28th September 2021.

Odisha: Cuttack-13, Gajapati-8, Jajpur-7;

Chhattisgarh: Dantewada-18;

Coastal Andhra Pradesh & Yanam: Vishakhapatnam and West Godavari-13 each; Krishna and Vijaywada-8 each;

Telangana: Jakranpalle 23, Navipet 21, Dhar Palle 21, Ranjal 18, Dich Palle 18, Armur 18, Nandipet 17, Chandurthi 17, Sirsilla 17, Jammikunta 16, Bheemgal 16, Yeda Palle 15, Makloor 15, Ellanthukunta 15, Jukkal 15, Sarangapur 15, Velpur 15, Nizamabad 14, Bodhan 14, Nirmal 14, Shriramsag pocha 14, Dilawarpur 14, Mudhole 13, Mogullapalle 13, Mallapur 13, Balkonda 13, Laxmanchanda 13, Srirampur 12, Nizam Sagar 12, Domakonda 12, Mortad 11, Venkatapur 11, Gundala 11, Elagaid 11, Tadwai Mlg 11, Peddapalle 11, Kusumanchi, Naga Reddipet, Konaraopeta, Kammar Palle, Metpalle, Madhira, Manthani, Machareddy & Bhiknur – 10 each, Sultanabad, Parkal, Kamareddy, Burgampadu, Pinapaka, Chegunta, Khanpur, Gambhiraopet, Thimmapur, Banswada, Madnur, Mulug, Boath, Ibrahimpatnam & Julapalle 9 each, Mustabad, Shadnagar, Choppadandi, Shayampet, Shamirpet, Papannapet, Karimnagar, Pitlam, Tupran, Govindaraopet, Dharmaram, Aswapuram & Dummugudem – 8 each and Yellareddypeta, Varni, Hakimpet, Kotgiri, Ramgundam, Bhupalpalle, Manuguru, Karimnagar, Venkatapuram, Manchal, Tekmal, Chigurumamidy, Lingampet, Birkoor, Bomraspeta, Ramayampet, Kothaguda, Bejjanki, Narayankhed, Tadwai, Kondurg, Bhadrachalam, Medak, Sadasivanagar – 7 each

Marathwada: Nanded-15, Aurangabad-13, Beed-11; Osmanabad and Latur-10 each; Jalna and Bir-8 each, Hingoli and Parbhani-7 each;

Vidarbha: Chandrapur-10; Buldana-9;

Madhya Maharashtra: Jalgaon-11, Kolhapur-7;

West Madhya Pradesh: Dewas-7;

Gujarat Region: Mehsana-9; Saurashtra & Kutch: Amreli-12, Gir Somnath-8. Jamnagar, Junagarh, Morbi and Porbandar-7 each;