



**Government of India
Ministry of Earth Sciences
India Meteorological Department**

**Press Release
Date: 31st August, 2021
Time of Issue: 1320 hrs IST**

**Subject: i) Enhanced rainfall activity very likely to continue over West & Central India today and gradual reduction thereafter.
ii) Enhancement of rainfall activity over south Peninsular India very likely from 02 September, 2021.**

Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more):

- Gujarat region- Daman-20 and Valsad-8;
- Himachal Pradesh: Kangra-7;
- Uttarakhand: Udham Singh Nagar-9; Champawat-8 and Bageshwar-7;
- West Rajasthan: Jalore-7;
- East Rajasthan: Dholpur-8 and Baran-7;
- Kerala: Cannur-8;
- Coastal Karnataka: Dakshina Kannada-7;
- Jharkhand: Bokaro and East Singhbhum-7 each;
- Odisha: Kendrapara-13; Khurda-7;
- East Uttar Pradesh: Kheri-10;
- West Madhya Pradesh: Vidisha-7;
- Konkan & Goa: Palghar-22;
- Madhya Maharashtra: Ahmednagar-18; Jalgaon-9; Nasik-7;
- Marathawada: Aurangabad and Beed-11 each; Nanded-10; Latur-9;
- Bihar: Araria-7;
- Sub-Himalayan West Bengal & Sikkim: Jalpaiguri-9.
- Telangana: Kamareddy-16; Medak, Nizamabad and Warangal Urban-10 each; Siddipet and Rajanna Sircilla-9 each; Nirmal, Jagtial and Karimnagar-8 each; Malkangiri, Mahbubnagar and Peddapalle-7 each;

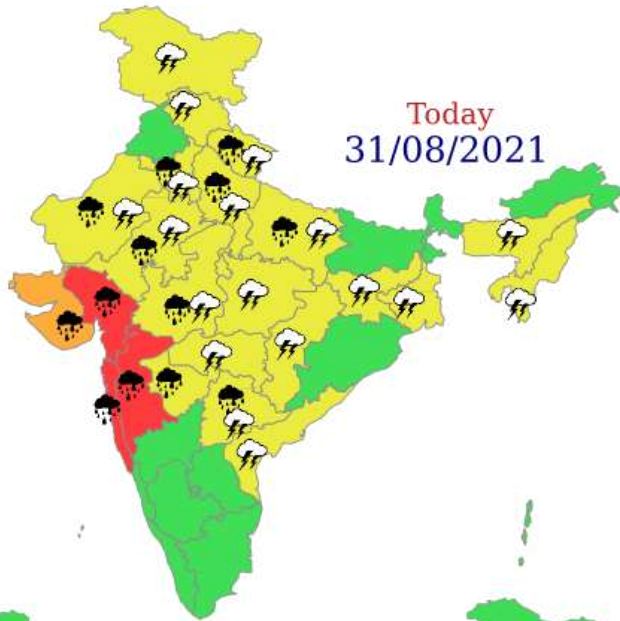
Weather Systems and Forecast and Warnings:

- A cyclonic circulation lies over Vidarbha and neighbourhood and extends up to 4.5 km above mean sea level tilting southwestwards with height.
- The monsoon trough at mean sea level now lies south of its normal position. It is very likely to remain south of its normal position during next 2-3 days.
- The east-west shear zone roughly along Latitude 15°N between 5.8 km & 7.6 km above mean sea level persists. It is likely to persist till tomorrow.

- The Western Disturbance as a trough in Lower & Middle tropospheric westerlies with its axis at 3.1 km above mean sea level roughly along Long. 66°E to the north of Lat. 28°N persists.
- **Due to above meteorological conditions:**
 - Fairly widespread to widespread rainfall activity with **isolated heavy falls** very likely over Telangana, Marathwada and West Madhya Pradesh on 31 August, East Rajasthan during 31st August to 02nd September, Assam and Meghalaya on 01st September and during 03rd-04th September, Mizoram and Tripura during 03rd-04th September; **isolated very heavy falls** very likely over Gujarat State during 01st-02nd September; **isolated extremely heavy falls** very likely over north Konkan and adjoining south Gujarat and north Madhya Maharashtra on 31st August.
 - Widespread rainfall activity with **isolated heavy falls** very likely over Andaman and Nicobar Islands during 01-04 September.
 - Scattered to fairly widespread rainfall activity with **isolated heavy falls** very likely over Tamil Nadu and South Interior Karnataka during 02nd -03rd September and over Coastal Andhra Pradesh during 02nd -04th September.
 - Isolated to scattered rainfall activity with **isolated heavy falls** very likely over west Rajasthan and Uttar Pradesh during 31st August to 01st September and Haryana on 31st August.
 - Moderate to severe thunderstorm activity with cloud-to ground lightning very likely at isolated places of West Madhya Pradesh, East Rajasthan and Haryana today.

[For detailed forecast and warning refer:](#)

https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php



Today
31/08/2021



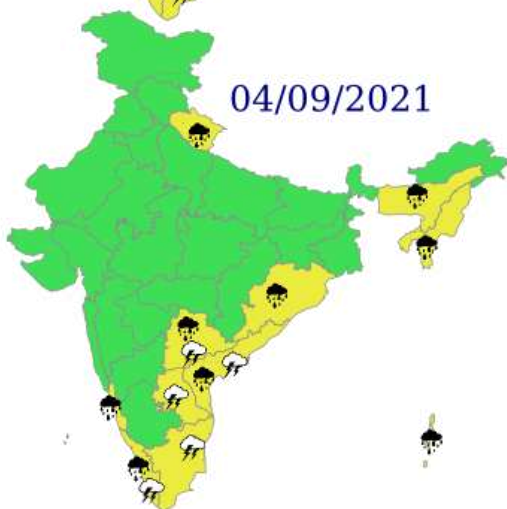
Tomorrow
01/09/2021



02/09/2021



03/09/2021



04/09/2021

EXPECTED IMPACT & ACTION SUGGESTED due to **Extremely Heavy/Very heavy rainfall** at isolated places over Gujarat state during 31st August-02nd September; over Konkan during 31st August-01st September and over Madhya Maharashtra on 31st August.

A. Impact Expected

- Localized Flooding of roads, inundation and water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutchha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

B. Action Suggested

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

Legends:

Heavy Rain: 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain** > 204.4 mm.

Region wise classification of meteorological Sub-Divisions:

- 1) **Northwest India:** Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

SPATIAL DISTRIBUTION (% of Stations reporting)			
% Stations	Category	% Stations	Category
76-100	Widespread (WS/ Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)



Heavy Rain



Strong Winds



Thunderstorm with Lightning

WARNING	
WARNING (TAKE ACTION)	
ALERT (BE PREPARED)	
WATCH (BE UPDATED)	
NO WARNING (NO ACTION)	

Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75