



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

Press Release

Date: 29th August, 2021

Time of Issue: 1245 hrs IST

Subject: i) Enhanced rainfall activity very likely over Central and West India till 2nd September, 2021.

ii) Enhanced rainfall activity over south Peninsular India very likely to continue till 30th August and reduction thereafter.

Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more): Patahi-19; Bareilly-16; Goraul and Tuting-13; Udupi, Sirpur and Deobhog-11 each; Bevoor and Kaiserganj-10 each; Chhatarpur, Saraiya, Belthangadi, Sahaswan, Satyabama, Katekalyan, Avalanche and Bageshwar-9 each; Chinnakalar-8; Mundali, Dhengbridge, Tribeni, Shirali, Kudulu, Yellandu, Chinthakam, Anini, B. P. Ghat, Aizwal, Gopalpur, Bareilly, Shirali and Hut Bay-7 each.

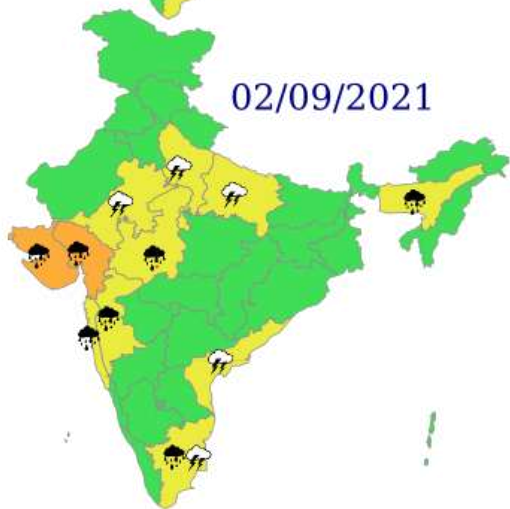
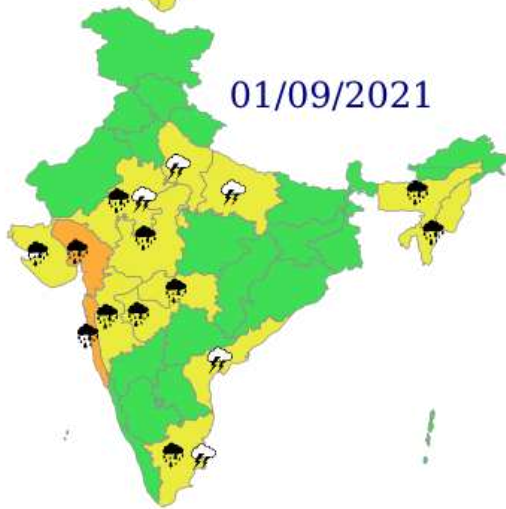
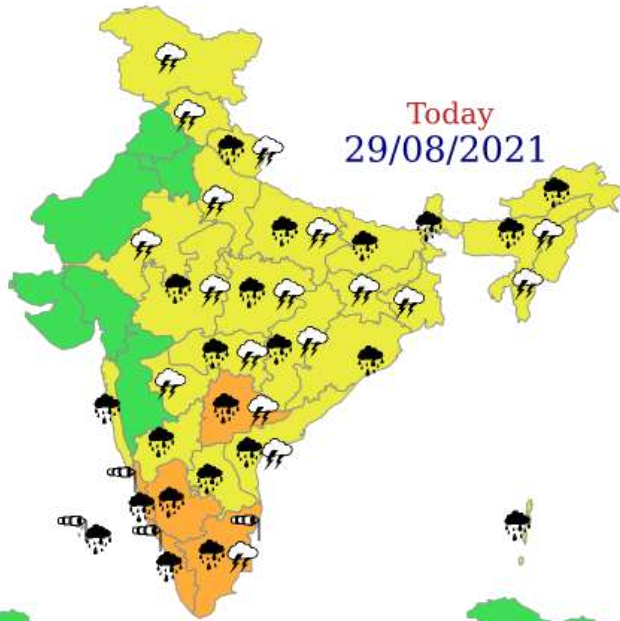
Weather Systems and Forecast and Warnings:

- The Low Pressure Area over Northwest adjoining Westcentral Bay of Bengal off south Odisha-north Andhra Pradesh coasts. The associated cyclonic circulation extends upto 4.5 km above mean sea level tilting southwestwards with height. The system & its remnant is likely to move west-northwestwards across Central & West India during next 3-4 days.
- The western end of monsoon trough at mean sea level is near normal position and eastern end is south of its normal position. The monsoon trough is very likely to be south of its normal position during next 4-5 days.

- The east-west shear zone roughly along Latitude 15°N in middle tropospheric levels. It is likely to persist during next 2-3 days.
- An off-shore trough at mean sea level runs from Karnataka coast to Kerala coast.
- **Due to above meteorological conditions:**
 - ✓ Fairly widespread to widespread rainfall activity with **isolated heavy falls** very likely over Odisha and Bihar on 29th; Chhattisgarh on 29th & 30th; Vidarbha during 29th August-01st September; East Madhya Pradesh 29th-31st; West Madhya Pradesh; Gujarat Region on 31st; Saurashtra & Kutch on 01st September and Konkan & Goa during 29th August-02nd September and East Rajasthan, Madhya Maharashtra and Marathwada during 30th August-01st September. **Isolated very heavy falls** are also very likely over Konkan & Goa and Gujarat Region on 01st September and Gujarat state on 02nd September.
 - ✓ Fairly widespread rainfall activity with **isolated heavy falls** very likely over Northeast India and Sub-Himalayan West Bengal & Sikkim during next 24 hours and reduction thereafter. Rainfall is likely to enhance further from 01st September over these areas.
 - ✓ Fairly widespread to widespread rainfall activity with **isolated heavy falls** likely over southern Peninsula during next 2 days. **Isolated heavy to very heavy falls** are likely over Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal on 29th and Telangana on 29th & 30th August.
 - ✓ Scattered rainfall activity very likely over Western Himalayan Region and adjoining plains of Northwest India during next 4-5 days. **Isolated heavy falls** also very likely over Uttarakhand on 29th & 30th; East Uttar Pradesh during 29th-31st and over West Uttar Pradesh on 30th & 31st August.

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

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



EXPECTED IMPACT & ACTION SUGGESTED due to **very heavy rainfall** over Telangana on 29th & 30th Aug; Coastal & South Interior Karnataka, Tamil Nadu and Kerala & Mahe on 29th Aug; Gujarat Region and Konkan & Goa on 01st Sept. and over Gujarat State on 02nd September, 2021.

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)



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