



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

**Press Release**

**Date: 27<sup>th</sup> August, 2021**

**Time of Issue: 1315 hrs IST**

**Subject: i) Enhanced rainfall activity very likely over south Peninsular India till 30<sup>th</sup> August and reduction thereafter.**

**ii) Increase in rainfall activity very likely over Central and West India from 29<sup>th</sup> August onwards.**

**iii) Light/moderate scattered rainfall activity very likely over Northwest India from 28<sup>th</sup> August onwards.**

**Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more):** Maharajganj & Tribeni-16 each; Shivamogga, Supaul, Mussoorie & Kottayam-13 each; Cuttack, Ernakulam & Alappuzha-12 each; Khunti, Madhepura, Una, Jalpaiguri, Narendranagar & Cooch Behar-11 each; Khurda, Madhubani, Canning & Cannur-10 each; Sahibganj, Mo Salt Lake, South Dinajpur, Jangaon, Malappuram, Palakkad, Pathanamthitta, Jollygrant, Maya Bandar & Dhubri-9 each; Sohra, Thrissur, Idukki, Kancheepuram, Tiruvannamalai, Cherrapunji, Majbat & Kochin-8 each; Jamshedpur, Mayurbhanj, Sundargarh, Darbhanga, Saharsa, Mandi, Hooghly, Darjeeling, Sangareddy, Yuksom, Tiruvallur, Pithoragarh, Bagati, Jamshedpur, Burdwan & Kottayam-7 each.

**Weather Systems and Forecast and Warnings:**

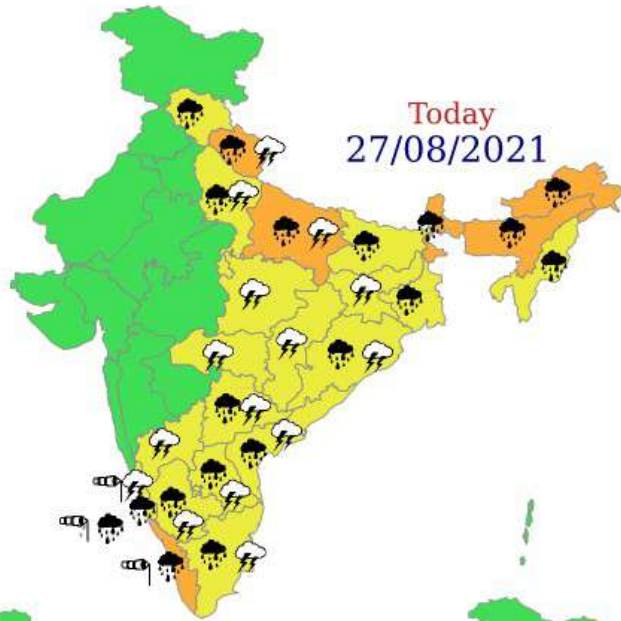
- The western end of the monsoon trough at mean sea level runs along the foothills of Himalayas. It is very likely to shift gradually southwards from 28<sup>th</sup> August.
- The eastern end now runs near its normal position and passes through Bahraich, Patna, Giridih, Digha and thence southeastwards to North Bay of Bengal. It is very likely to remain near normal/south of its normal position during next 5 days.
- A cyclonic circulation lies over Northwest Bay of Bengal off West Bengal coast and extends upto 3.1 km above mean sea level tilting southwards with height. Under its influence, a Low

Pressure Area is likely to form over Northwest & adjoining Westcentral Bay of Bengal by tomorrow, the 28th August, 2021.

- An east-west shear zone runs roughly along Latitude 13°N between 4.5 km & 7.6 km above mean sea level tilting southwards with height. It is likely to persist during next 4 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, Andhra Pradesh during 27<sup>th</sup>-29<sup>th</sup>; Telangana during 27<sup>th</sup>-31<sup>st</sup>; Chhattisgarh & Jharkhand 28<sup>th</sup>-29<sup>th</sup>; Vidarbha & Madhya Pradesh 29<sup>th</sup>-31<sup>st</sup>; Gujarat region 30<sup>th</sup>-31<sup>st</sup>; Marathwada on 30<sup>th</sup>; north Konkan and north Madhya Maharashtra on 31<sup>st</sup> August.
- ✓ Widespread rainfall activity with **isolated heavy to very heavy falls** very likely to continue over Northeast India, Sub-Himalayan West Bengal & Sikkim till 27<sup>th</sup> August and reduce thereafter with isolated heavy rainfall over the region.
- ✓ Fairly widespread to widespread rainfall activity with **isolated heavy to very heavy falls** very likely over Coastal & South Interior Karnataka, Tamilnadu and Kerala & Mahe during next 3 days. **Isolated extremely heavy falls** also likely over ghat areas of Tamilnadu and Kerala & Mahe on 28<sup>th</sup> & 29<sup>th</sup> August.
- ✓ Fairly widespread to widespread rainfall activity with **isolated heavy falls** very likely to continue over Uttarakhand, Bihar and East Uttar Pradesh till 29<sup>th</sup> August. **Isolated heavy to very heavy falls** likely over Uttarakhand and East Uttar Pradesh during next 24 hours.
- ✓ Light/moderate isolated to scattered rainfall activity likely over rest parts of Northwest India during 28<sup>th</sup>-31<sup>st</sup> August.

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

**[https://mausam.imd.gov.in/imd\\_latest/contents/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php)**



**Legends:**

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

**Regionwise 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.

<b>SPATIAL DISTRIBUTION</b> (% 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)



<b>WARNING</b> WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

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