



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 28th August, 2021

Time of Issue: 1230 hrs IST

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

ii) Increase in rainfall activity very likely over Central and West India from 29th August onwards.

Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more): Bageshwar-17; Neora-14; Bagrakote & Champasari-13 each; Una-12; Kotdwar, Pithoragarh, Bilaspur, Anuppur & Marwahi-11 each; Raiganj, Baghdogra, Nagarkata, Dakshin Kannada & Car Nicobar-10 each; Sevoke, Murti, Diana, Champawat, Udham Singh Nagar, Bijapur & Pantnagar-9 each; Tirupattur, Jhallong & Gazoledoba-8 each; Rongo, Buxaduar, Kodagu, East Singhbhum, Giridih, Jangaon, Kamareddy, Hardwar, Mandi & Bastar-7 each.

Weather Systems and Forecast and Warnings:

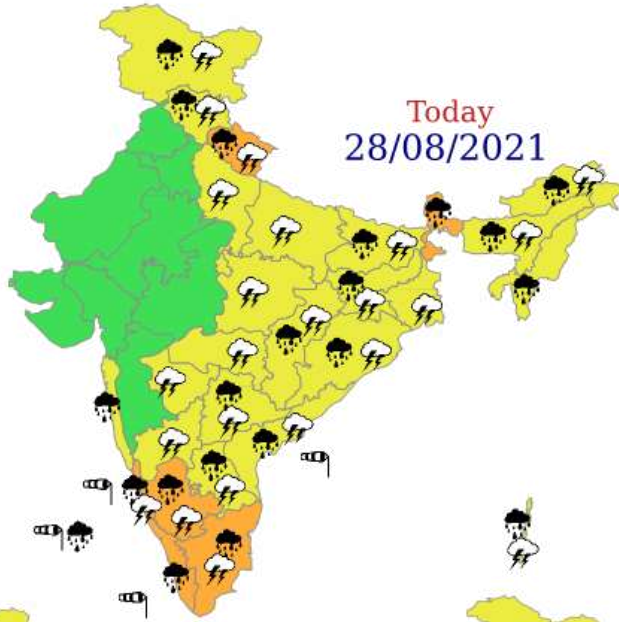
- The Low Pressure Area over Northwest adjoining Westcentral Bay of Bengal off south Odisha-north Andhra Pradesh coasts with the associated cyclonic circulation extending upto 5.8 km above mean sea level tilting southwestwards with height persists. It is likely to move west-northwestwards across Central & West India during next 4-5 days.
- The monsoon trough at mean sea level now passes through Ferozpur, Delhi, Gwalior, Sidhi, Jharsuguda, Centre of Low pressure area over Northwest adjoining Westcentral Bay of Bengal off south Odisha-north Andhra Pradesh coasts and thence southeastwards to Eastcentral Bay of Bengal and extends upto 0.9 km above mean sea level.
- Western end of the monsoon trough is likely to shift further southwards during next 48 hours and run to south of its normal position. The eastern end now runs to south of its normal position. Entire monsoon trough is very likely to run to the south of its normal position from 30th August for subsequent 2 days and shift northwards thereafter.

- The east-west shear zone now runs roughly along Latitude 15°N between 3.1 km & 7.6 km above mean sea level tilting southwards with height. It is likely to persist and move slightly northwards during next 2-3 days.
- The off-shore trough at mean sea level from Karnataka coast to Kerala coast persists.
- **Due to above meteorological conditions:**
- ✓ Fairly widespread to widespread rainfall activity with **isolated heavy falls** very likely over Odisha, Andhra Pradesh during 28th-31st; Chhattisgarh during 28th-30th; Madhya Pradesh 29th-31st and East Rajasthan during 30th August-01st September. **Isolated heavy to very heavy falls** are very likely over Vidarbha & Marathwada on 30th; Telangana on 29th & 30th; North Madhya Maharashtra on 31st; North Konkan & Gujarat Region on 31st August and 01st September and Saurashtra & Kutch on 01st September.
- ✓ Widespread rainfall activity with **isolated heavy falls** very likely over Northeast India during next 24 hours and reduction thereafter. **Isolated heavy to very heavy falls** are very likely over Sub-Himalayan West Bengal & Sikkim during next 24 hours and reduction thereafter.
- ✓ Fairly widespread to widespread rainfall activity with **isolated heavy falls** are very likely over Rayalaseema and North Interior Karnataka during next 2 days. **Isolated heavy to very heavy falls** are likely over Coastal & South Interior Karnataka, ghat areas of Tamilnadu and Kerala & Mahe on 28th & 29th August.
- ✓ Fairly widespread to widespread rainfall activity with **isolated heavy falls** very likely to continue over Uttarakhand during next 5 days with **isolated heavy to very heavy rainfall with extremely heavy falls** during next 24 hours.
- ✓ Light/moderate scattered rainfall activity likely over rest parts of Northwest India during 28th-31st August.

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

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

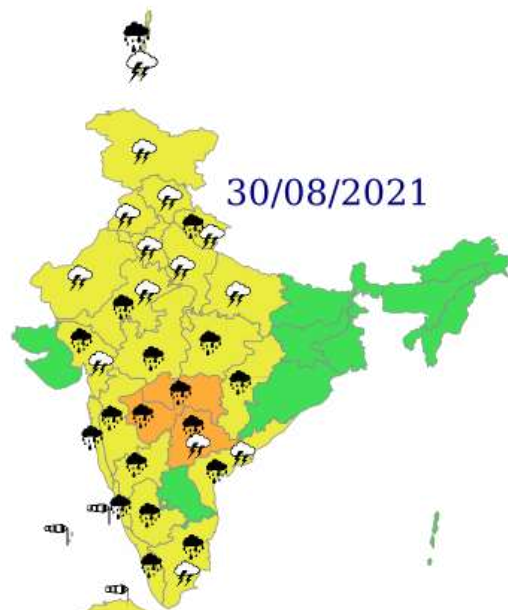
Today
28/08/2021



Tomorrow
29/08/2021



30/08/2021



31/08/2021



01/09/2021



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