



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

**Press Release
Date: 12th August, 2021
Time of Issue: 1300 hrs IST**

- Subject: i) Intense spell over Northeast India and Sub-Himalayan West Bengal & Sikkim, Bihar and East Uttar Pradesh till 15th August.**
ii) Gradual Increase in rainfall activity over Northeast Peninsular and adjoining Eastcentral India from 15th August.
iii) Subdued rainfall very likely over rest parts of the country during next 5 days.

Rainfall Amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today)(4 cm or more): Mawsynram-27; Patti-20; Buxaduar-17; Shora-16; Balrampur & Williamnagar-15 each; Mawkyrwat-14; Nagarkata, Diana, Baghdogra & Murti-12 each; Champasari & Nongstoin-11 each; Basti, Kheri, Baharaich & Cooch Behar-10 each; Barabanki, Sultanpur & Pundibari-9; Agumbe, Car Nicobar & Mawphlang-8 each; Mathabhanga, Gajoldoba, Gonda, Nawpara, Roing & Varanasi-7 each; Karimganj & Baghmara-6 each; Sultanpur, Pasighat, Balasore, North Lakhimpur & Car Nicobar-6 each; Dharmshala & Raipur-5 each; Bhagalpur, Vengurla, Thanjavur, Kottayam & Punalur-4 each.

Weather Systems:

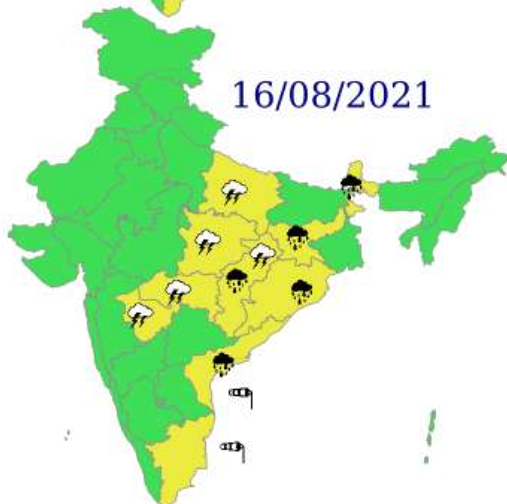
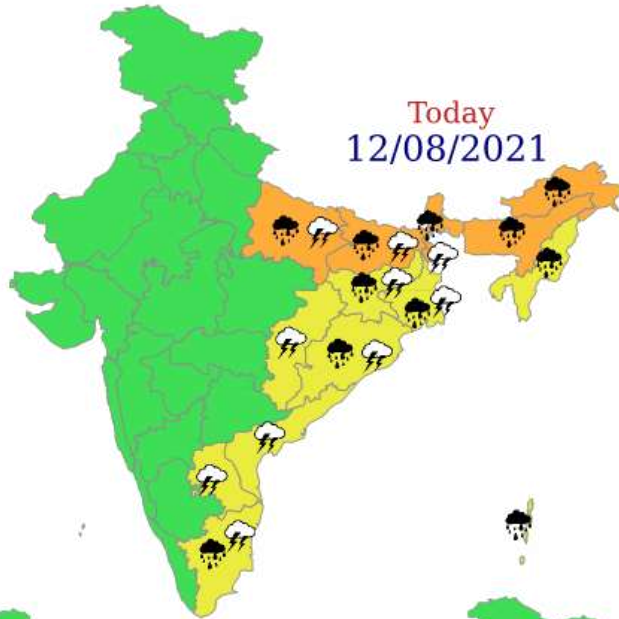
- The Monsoon trough lies to the north of its normal position. Western end of the monsoon trough is very likely to remain north of its normal position during next 5 days. However, its Eastern end is likely to shift gradually southwards from 15th August onwards.
- A cyclonic circulation lies over west Bihar & neighbourhood at lower tropospheric levels. It is likely to persist during next 48 hours and become less marked thereafter.
- Strong lower level southwesterly winds from the Bay of Bengal to Northeast India is likely to continue during next 4 days.
- A cyclonic circulation is likely to form over westcentral and adjoining northwest Bay of Bengal around 15th August and may lead to formation of a Low Pressure Area over the same region during subsequent 48 hours.

Forecast and warning:

- Current spell of widespread rainfall activity with **isolated heavy to very heavy falls** very likely to continue over Northeast India and Sub-Himalayan West Bengal & Sikkim during 12th-15th August and reduction thereafter. **Isolated extremely heavy falls** also likely over Assam & Meghalaya during 12th & 13th and over Sub-Himalayan West Bengal & Sikkim on 12th August.
- Fairly widespread to widespread rainfall with **isolated heavy falls** very likely to continue over East Uttar Pradesh & Bihar during 12th-14th August and reduction thereafter. **Isolated very heavy falls** are likely over East Uttar Pradesh & Bihar on 12th August.
- Scattered to Fairly widespread rainfall very likely over Western Himalayan Region during next 5 days. **Isolated heavy rainfall** over Himachal Pradesh & Uttarakhand during 13th-15th August.
- Under the influence of likely formation of cyclonic circulation over westcentral and adjoining northwest Bay of Bengal around 15th August and subsequent formation of a Low Pressure Area during next 48 hours, fairly widespread rainfall activity is likely over Odisha, Coastal Andhra Pradesh, Telangana, Vidarbha, and Chhattisgarh. **Isolated heavy to very heavy falls** are likely over Odisha during 15th-17th and **isolated heavy falls** over Coastal Andhra Pradesh during 15th-17th.
- **Subdued rainfall very likely over rest parts of the country.**

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

[https://mausam.imd.gov.in/imd latest/content/all india forecast bulletin.php](https://mausam.imd.gov.in/imd%20latest/content%20all%20india%20forecast%20bulletin.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.

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 Widespred (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