



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

**Press Release
Date: 13th August, 2021
Time of Issue: 1230 hrs IST**

- Subject: i) Intense spell over Northeast India and Sub-Himalayan West Bengal & Sikkim, Bihar likely to continue 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)(5 cm or more): Mawsynram-22; Pashighat-17; Nainital(Haldwani), Siddhartha Nagar-16; Gorakhpur, Maharajganj-12 each; Darbhanga, Basti, Guntur-10 each; Prakasam, Nalgonda, Mohanpur, Jalpaiguri, Sitamarhi-9 each; Sepahijala, Srikakulam, Araria, Supaul, Kalahandi, Mednapur, Sant Kabir Nagar, Contai -8 each; Vizianagram, Sindhudurg, Mayurbhanj, Kangra-7 each; Kalka-5; Mahasamund, Bageshwar, Cuttack, Jajpur, Koraput, Katihar, Bhagalpur, Saharsa-6 each.

Weather Systems:

- The western end of the Monsoon trough lies close to the foothills of the Himalayas and Eastern end is near its normal position. The Western end of the monsoon trough is very likely to remain north of its normal position during next 4-5 days.
- A cyclonic circulation lies over north Bihar & neighbourhood at lower tropospheric levels. It is likely to persist during next 24 hours and become less marked thereafter.
- Strong lower level south westerly winds from the Bay of Bengal to Northeast India is likely to continue during next 3 days.
- A cyclonic circulation lies over interior Odisha & neighbourhood and a north-south trough runs from this cyclonic circulation to north Tamilnadu at lower tropospheric levels.
- A cyclonic circulation lies over Westcentral Bay of Bengal off north Andhra Pradesh coast between 3.1 km & 5.8 km above mean sea level tilting southwards with height.

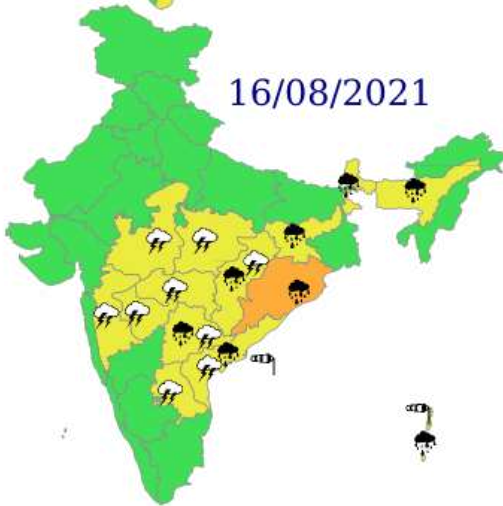
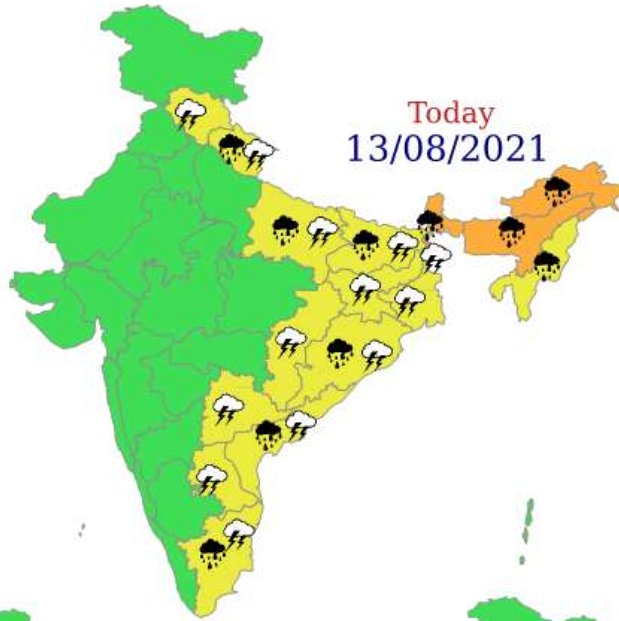
- A cyclonic circulation is likely to form over westcentral and adjoining northwest Bay of Bengal around 15th August and may lead to formation of a Low Pressure Area over the same region during subsequent 48 hours.

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 13th-14th August and reduction thereafter. **Isolated extremely heavy falls** also likely over Assam & Meghalaya on 13th August.
- Scattered to fairly widespread rainfall with **isolated heavy falls** very likely to continue over East Uttar Pradesh & Bihar during 13th-14th August and reduction thereafter.
- Scattered to Fairly widespread rainfall very likely over Western Himalayan Region during next 3-4 days. **Isolated heavy rainfall** over Himachal Pradesh on 13th & 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 13th-17th.
- **Subdued rainfall very likely over rest parts of the country.**

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

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.

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