



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

**Press Release  
Date: 15<sup>th</sup> August, 2021  
Time of Issue: 1245 hrs IST**

**Subject: (i) Increase in rainfall activity over East & adjoining central India  
(ii) Heavy spell of rainfall over Northeast India and Sub-Himalayan West Bengal & Sikkim likely to continue till 17<sup>th</sup> 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):** Bastar-9; Sukma-7; Surajpur and Cuddalore-6 each; Valsad, Cannur, Kottayam and Thrissur-5 each and Raigad and Uttarakhasi-4 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 Westcentral & adjoining Northwest Bay of Bengal off south Odisha-north Andhra Pradesh in middle & upper tropospheric levels tilting southwestwards with height. Under its influence, a low pressure area is likely to form over Northwest & adjoining Westcentral Bay of Bengal off Odisha-north Andhra Pradesh coasts during next 48 hours.
- A north-south trough runs from Jharkhand to Westcentral Bay of Bengal off south Odisha coast across Odisha at lower tropospheric levels. It is likely to become less marked after 24 hours.

**Forecast and warning:**

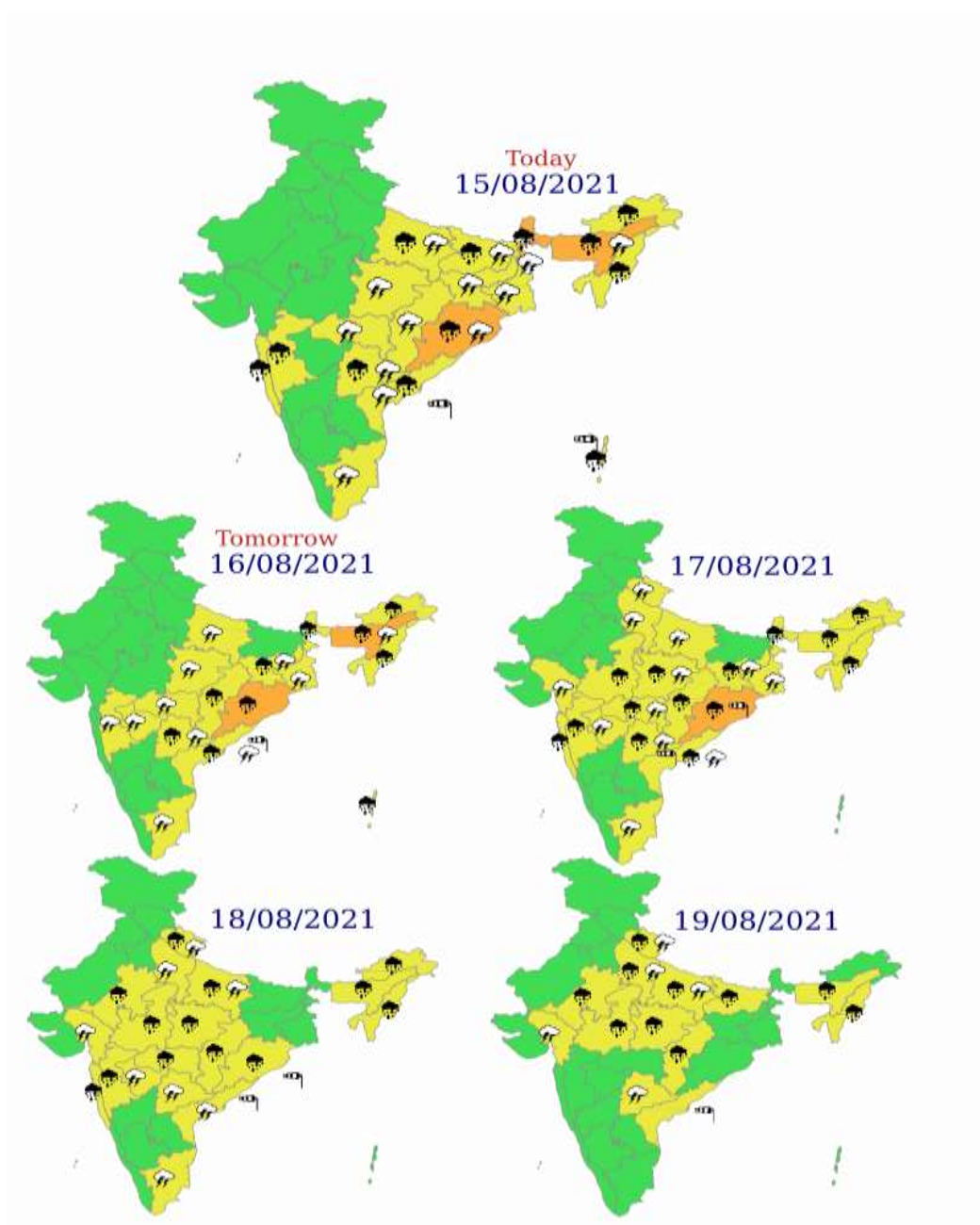
- Fairly widespread to widespread rainfall activity with **isolated heavy falls** very likely to continue over Northeast India and Sub-Himalayan West Bengal & Sikkim during next 5 days. **Isolated heavy to very heavy falls** very likely over Assam & Meghalaya on 15<sup>th</sup> & 16<sup>th</sup> and over Sub-Himalayan West Bengal & Sikkim on 15<sup>th</sup> August, 2021.
- Fairly widespread to widespread rainfall activity very likely over Gangetic West Bengal, Odisha, Bihar, Jharkhand, Coastal Andhra Pradesh, Telangana, East Madhya Pradesh,

Chhattisgarh and Vidarbha during next 5 days. **Isolated heavy falls** very likely over Coastal Andhra Pradesh & Telangana from 15<sup>th</sup> to 17<sup>th</sup>; over Jharkhand on 16<sup>th</sup> & 17<sup>th</sup>; over East Madhya Pradesh from 17<sup>th</sup> to 19<sup>th</sup>; over Chhattisgarh from 16<sup>th</sup> to 19<sup>th</sup>; over Vidarbha on 17<sup>th</sup> & 18<sup>th</sup> . **Isolated heavy to very heavy falls** also very likely over Odisha from 15<sup>th</sup> to 17<sup>th</sup> August, 2021.

- **Subdued rainfall very likely over rest parts of the country during next 5 days.**

[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.

<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)



Heavy Rain



Strong Winds



Thunderstorm with Lightning

<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