



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 23rd August, 2021

Time of Issue: 1230 hrs IST

Subject: Enhance rainfall activity over northeast India, Sub-Himalayan West Bengal & Sikkim, Bihar, East Uttar Pradesh and Uttarakhand

Rainfall amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more): Cherrapunji -27 each; Jalpaiguri-13; Roing/Lower Dibang Valley-12; Fatehabad-11; East Sikkim, Barabanki, Kushi Nagar and Ferozepur-10 each; Darjeeling, Belagavi, Vijayanagram and Warangal-9 each; Alapuzha, Dharmapuri, Ranipet, Virudhunagar, Kaithal and Bagdogra-8; Katihar, Bagalkote, Chitrakoot, Jodhpur, Srimadhapur, Viratnagar and Patiala-7 each.

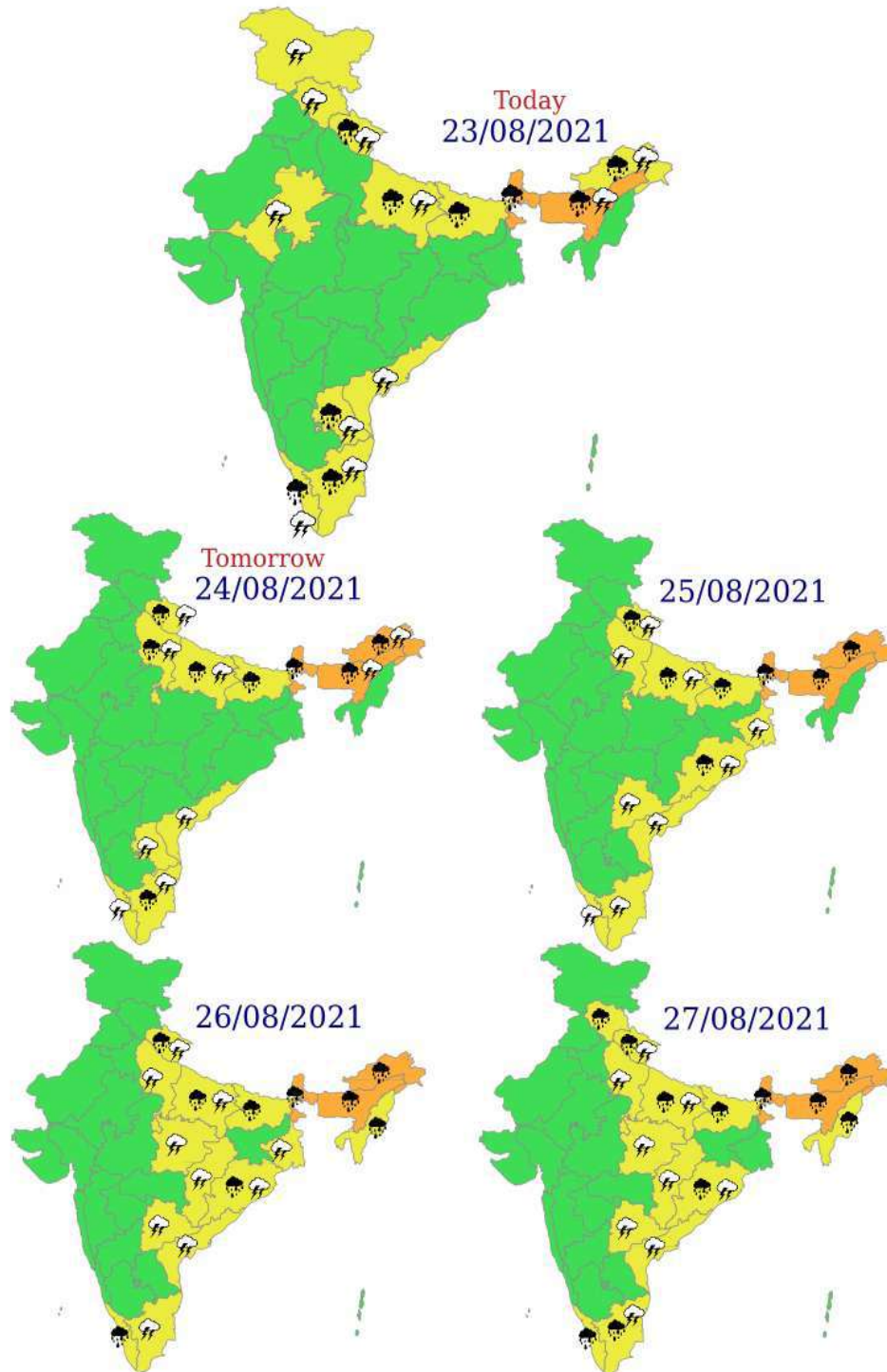
Weather Systems and Forecast and Warnings:

- The western end of the monsoon trough lies to the south of its normal position and the eastern end lies to the north of its normal position. The western end is very likely to shift gradually northwards from 24th August and eastern end is likely to shift southwards from 26th August.
- A cyclonic circulation lies over northwest Rajasthan & neighbourhood in lower tropospheric levels.
- Strong southerly/south-westerly winds from Bay of Bengal to northeast India very likely to continue to prevail till 25th August, 2021.
- **Due to above meteorological conditions:**
 - ✓ Widespread rainfall activity with **isolated heavy to very heavy falls** very likely to continue over Northeast India, Sub-Himalayan West Bengal & Sikkim till 27th August.
 - ✓ **Isolated extremely heavy falls** also likely over Assam & Meghalaya during 23rd to 25th August, 2021.
 - ✓ Fairly widespread to widespread rainfall activity with **isolated heavy falls** very likely to continue over **Bihar, East Uttar Pradesh and Uttarakhand** till 27th August.
 - ✓ Scattered to fairly widespread rainfall activity with **isolated heavy falls** over Tamilnadu and Kerala & Mahe on 23rd, 26th & 27th August.

- ✓ Light isolated to scattered rainfall is very likely over rest parts of country till 27th outside Rajasthan, where dry weather is likely from 25th to 27th August.

[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 Widespread (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 |