



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

**Press Release**

**Date: 22<sup>nd</sup> August, 2021**

**Time of Issue: 1300 hrs IST**

**Subject: (i) Current rainfall activity over plains of northwest India likely to reduce from tomorrow, the 23<sup>rd</sup> August, 2021.**

**(ii) Enhance rainfall activity over northeast India, Sub-Himalayan West Bengal & Sikkim and Bihar from 24<sup>th</sup> August, 2021.**

**Rainfall Amount recorded(from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more):** Palghar-20; Renapur-15; Valsad-14; Amreli-12; Forbesganj, Jammu and Mahuva-11 each; Kota, Kalaburgi, Nagaur and Gulbarga-10 each; Tiruvallur, Pitlam, Venkatapur, Kollegal, Taoru, Alwar and Bulsar-9 each; Sonapat, Yamunanagar, Bhatinda, Kapurthala, Silvasa, Daman, Mahabubabad, Kotgiri and Warangal-8 each; Thanjavur, Mandya, Lamatpur, Bilaspur, Jalpaiguri, Panipat, Numgambakkam and Khandwa-7 each.

**Weather Systems and Forecast and Warnings:**

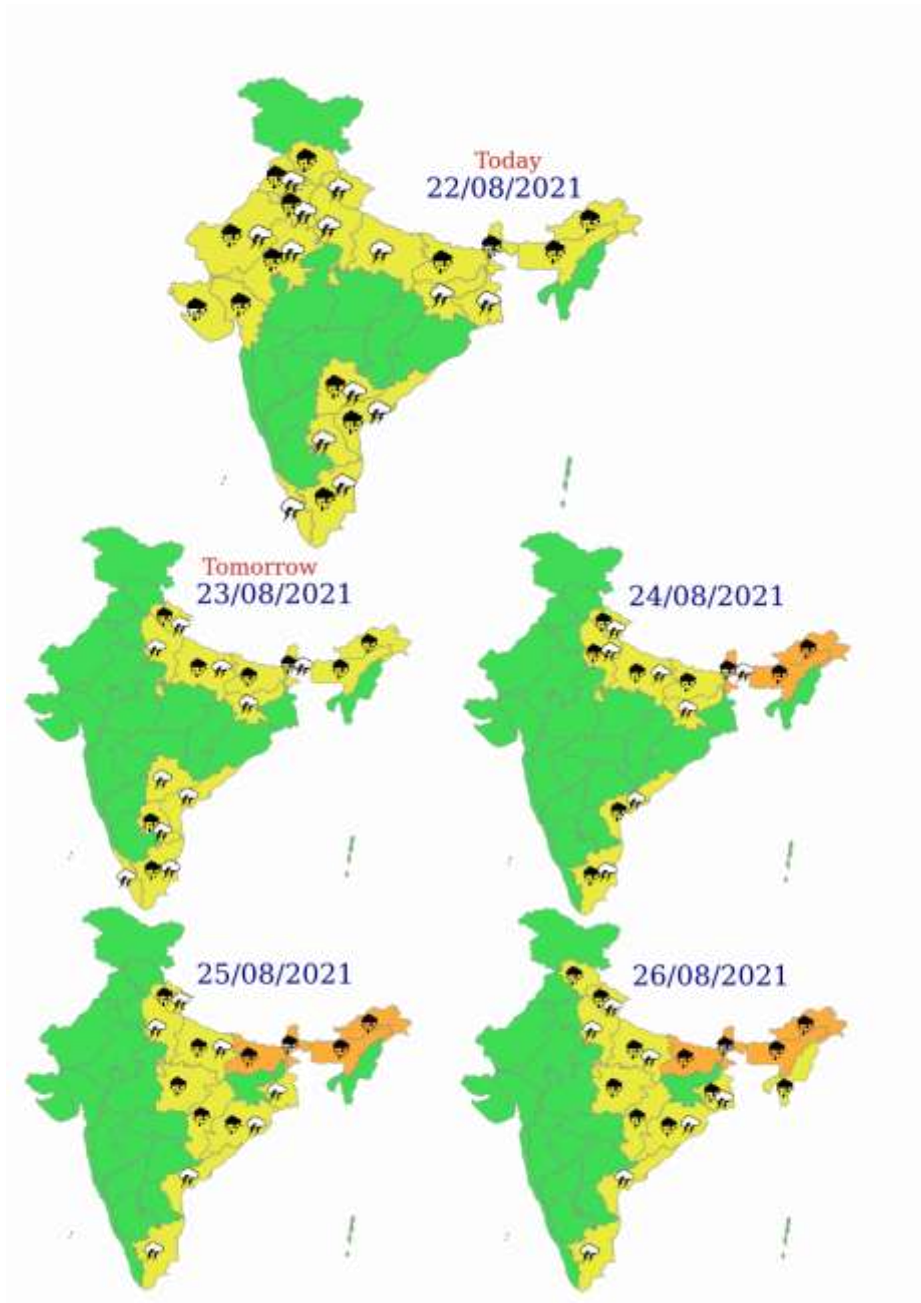
- The western end of the monsoon trough lies to the south of its normal position and the eastern end lies to the north of its normal position. The western end is very likely to shift gradually northwards from 23<sup>rd</sup> August.
- A cyclonic circulation lies over northeast Rajasthan & neighbourhood in lower tropospheric levels.
- A trough runs from northeast Rajasthan to Telangana across West Madhya Pradesh and Vidarbha in lower tropospheric levels.
- **Due to above meteorological conditions:**
  - ✓ **Current rainfall activity over plains of northwest India likely to reduce from tomorrow, the 23<sup>rd</sup> August, 2021:** fairly widespread to widespread rainfall very

likely over Uttrakhand and East Uttar Pradesh till 26<sup>th</sup> August. Isolated heavy rainfall is also likely over above areas during 23<sup>rd</sup> to 26<sup>th</sup> August, 2021. Scattered to fairly widespread rainfall over the region (except) till today, 22<sup>nd</sup> August and **reduce thereafter**. **Isolated heavy rainfall** is also very likely over Punjab, Haryana, Rajasthan and Himachal Pradesh on 22<sup>nd</sup> August, 2021.

- ✓ **Enhance rainfall activity over northeast India, Sub-Himalayan West Bengal & Sikkim and Bihar from 24<sup>th</sup> August, 2021:** Fairly widespread to widespread rainfall activity with **isolated heavy falls** very likely to continue over Northeast India, Sub-Himalayan West Bengal & Sikkim and Bihar till 24<sup>th</sup> and increase in intensity thereafter with **isolated very heavy falls** over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya during 24th-26th and Bihar during 25th-26th August. **Isolated extremely heavy falls** also likely over Assam & Meghalaya on 25th August.

[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

**WARNING**  
**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

 **Thunderstorm with Lightning**