



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

**Press Release**

**Date: 07<sup>th</sup> August, 2023**

**Time of Issue: 2000 hours IST**

**Subject: Isolated heavy rainfall spell likely to continue along the foothills of the Himalayas (Uttarakhand, north Uttar Pradesh, Bihar, Sikkim) and over Northeast India during next 7 days. Subdued rainfall activity likely over rest parts of the country during the same period. Thereafter monsoon is likely to revive leading to higher rainfall over east-central India and gradually extend to entire east & adjoining areas of northwest & north peninsular India from 14<sup>th</sup> August, 2023.**

**Significant Weather features:**

- ❖ The Monsoon Trough lies to the north of its normal position. The monsoon trough is likely to be north of its position or along the foothills of Himalayas during next 7 days. Thereafter, its eastern end is likely to shift gradually southwards from 14<sup>th</sup> and its western end from 16<sup>th</sup> August.
- ❖ A north-south trough embedded with a cyclonic circulation likely to lay over Bangladesh during next 3 days.
- ❖ A fresh cyclonic circulation is likely to develop northwest Bay of Bengal around 14<sup>th</sup> August.

**Weather Forecast and Warnings:**

- Light/moderate fairly widespread to widespread rainfall with **isolated heavy to very heavy rainfall** activity very likely over Arunachal Pradesh, Assam, Meghalaya, Nagaland, Manipur, Mizoram & Tripura, West Bengal & Sikkim, Bihar, Jharkhand, north Uttar Pradesh and Uttarakhand during next 2 days and isolated heavy rainfall thereafter over the region for subsequent 5 days. Isolated **extremely heavy rainfall** is also likely over Meghalaya and Tripura on 07<sup>th</sup> August.
- **Subdued rainfall** activity likely over rest parts of the country during next 7 days. Thereafter **monsoon is likely to revive** leading to higher rainfall over east-central India and gradually extend to entire east & adjoining areas of northwest & north peninsular India from 14<sup>th</sup> August, 2023

For more details kindly refer: [https://mausam.ind.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.ind.gov.in/responsive/all_india_forecast_bulletin.php)

## 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)

Subdivision Warning	Dust Storm	Subdivision color
Heavy Rain	Strong Surface Winds	<span style="display: inline-block; width: 15px; height: 15px; background-color: #00FF00; border: 1px solid black; margin-right: 5px;"></span> NO WARNING
Heavy Snow	Heat Wave	<span style="display: inline-block; width: 15px; height: 15px; background-color: #FFFF00; border: 1px solid black; margin-right: 5px;"></span> WATCH(BE UPDATED)
Thunderstorms & Lightning	Cold wave	<span style="display: inline-block; width: 15px; height: 15px; background-color: #FFA500; border: 1px solid black; margin-right: 5px;"></span> ALERT (BE PREPARED)
Hailstorm	Fog	<span style="display: inline-block; width: 15px; height: 15px; background-color: #FF0000; border: 1px solid black; margin-right: 5px;"></span> WARNING (TAKE ACTION)

Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

Flash Flood Risk	
<span style="display: inline-block; width: 15px; height: 15px; background-color: #FF0000; border: 1px solid black;"></span>	High Risk (Take Action)
<span style="display: inline-block; width: 15px; height: 15px; background-color: #FFA500; border: 1px solid black;"></span>	Moderate Risk (Be Prepared)
<span style="display: inline-block; width: 15px; height: 15px; background-color: #FFFF00; border: 1px solid black;"></span>	Low Risk (Be Updated)