



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 07th 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 14th 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 14th and its western end from 16th 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 14th 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 07th 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 14th August, 2023

For more details kindly refer: https://mausam.imd.gov.in/responsive/all_india_forcast_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 Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)

Subdivision Warning	Dust Storm	Subdivision color
Heavy Rain	Strong Surface Winds	NO WARNING
Heavy Snow	Heat Wave	WATCH(BE UPDATED)
Thunderstorms & Lightning	Cold wave	ALERT (BE PREPARED)
Hailstorm	Fog	WARNING (TAKE ACTION)

Probabilistic Forecast

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

Flash Flood Risk

High Risk (Take Action)
Moderate Risk (Be Prepared)
Low Risk (Be Updated)