



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 29th July, 2021

Time of Issue: 1245 hrs IST

Sub: Rainfall activity over Northwest India, East & adjoining Central India

◆ **Significant Rainfall** Amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today) (7 cm or more): West Midnapur-26; East Midnapur, Haldia-22; Canning-19; South 24 Pargana-18; Sikandra Rao (Hathras) -16; Gurdaspur-15; Bhind-14; Karnal, Panchkula, Kaithal-12; Sonapat-11; Kangra, Fatehabad, Jhajjar, Jind, Baksa, Hardwar-10; Nuh, Gurgaon (Fahrukhnagar) Dholpur, Hosiarpur, Ludhiana, Balaghat-9; Barpeta, Shonitpur, Ambala, Bhiwani, Morena, Una, Gaya, Tarn Taran, Bilaspur, West Kameng, Kolkata/Alipore-8 each; Nawapara, Rayagada, Cooch Behar, Hamirpur, Talwandi, Ferozepur, Nalbani, Raigad, Koderma (Parsabad)-7.

Weather Systems:

- The Well Marked Low Pressure Area over coastal Bangladesh & adjoining West Bengal persists. The associated cyclonic circulation extends upto upper tropospheric levels. It is likely to move westwards across West Bengal, Jharkhand and Bihar during next 48 hours.
- The western end of the Monsoon trough at mean sea level passes through north of its normal position, while its eastern end is near its normal position.
- The off-shore trough runs from south Maharashtra coast to north Kerala coast.
- There is high wind convergence from Arabian Sea to plains of northwest India at lower levels.

Forecast and warning:

- Current spell of widespread rainfall activity with isolated heavy to very heavy falls very likely to continue over Jammu and Kashmir, Himachal Pradesh, Uttarakhand, Punjab and Haryana till 30th July and reduction thereafter. Fairly widespread to widespread rainfall with isolated **heavy falls** very likely over Uttar Pradesh during next 5-days (29th July till 2nd August).
- Fairly widespread to widespread rainfall with isolated **heavy to very heavy falls** likely over Odisha, Gangetic West Bengal, Jharkhand and Bihar during 29th-31st July and over East Madhya Pradesh and Chhattisgarh during 29th July-02nd August. **Isolated extremely heavy falls are likely over Gangetic West Bengal on 29th July; over Jharkhand & Chhattisgarh on 30th July and over East Madhya Pradesh on 31st July.**
- Fairly widespread to widespread rainfall with isolated **heavy to very heavy falls** likely to continue over East Rajasthan and West Madhya Pradesh during 29th July-02nd August. It is likely to increase from 30th July. **Isolated extremely heavy falls are likely over East Rajasthan during 30th July-01st August and over West Madhya Pradesh on 31st July, 2021.**

[For detailed forecast and warning refer:](https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php)

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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)

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