



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 28th July, 2021

Time of Issue: 1145 hrs IST

Sub: Rainfall activities 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): Ater(Bhind Dist)-18; Kapurthala & Samnapur (Dindori)-17 each; Masouri & Bhaiyathan-16 each; Marwahi & Canning-13 each; Mukteshwar, Wandrafnagar, Gurdaspur, Nakodar, Tibri, Nagode, Bhind, Dehradun, Kanpur & Lucknow-12 each; Moradabad, Nawanshahar, Gurdaspur, Mehgaon, Karnal-11 each; Solan, Nasirabad, Chipabarod, Nainwepatan, Nagarfort, Jagadhari, Jhansa, Thanesar, Dandh Rev, Paraswada, Dharmshala-10 each; Aligarh, Varanasi, Satna & Mahabaleshwar-8 each; Shimla, Hissar, **Palam (Delhi)**, Meerut, Bareilly, Bahraich & Seoni-7 each.

Weather Systems:

- The Well Marked Low Pressure Area over south Bangladesh and adjoining North Bay of Bengal & West Bengal now lies over coastal Bangladesh & adjoining West Bengal. The associated cyclonic circulation extends upto mid 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 western end passes along normal position.
- An off-shore trough runs from south Gujarat coast to north Kerala coast.
- A cyclonic circulation lies over north Pakistan & adjoining Punjab in the lower levels.
- A line of convergence runs from the above cyclonic circulation over north Pakistan & adjoining Punjab to south Gujarat across West Rajasthan at 3.1 km above mean sea level.

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, Haryana and Uttar Pradesh till 30th July and reduction thereafter. **Isolated extremely heavy falls are likely over Himachal Pradesh today on 28th July and over Uttarakhand on 28th-29th July.**
- Fairly widespread to widespread rainfall with isolated **heavy to very heavy falls** likely over Odisha, Gangetic West Bengal, Jharkhand, and Bihar during 28th-30th July and over East Madhya Pradesh and Chhattisgarh during 28th-31st July. **Isolated extremely heavy falls are likely over Gangetic West Bengal on 28th & 29th July, over Jharkhand on 29th and 30th July and over Chhattisgarh on 30th July and over East Madhya Pradesh on 31st July.**
- Widespread rainfall with isolated **heavy to very heavy falls** likely to continue over East Rajasthan and West Madhya Pradesh during 28th July to 1 August. It is likely to increase from 30th July. **Isolated extremely heavy falls are likely over West Madhya Pradesh on 1st August.**
- Fairly widespread to widespread rainfall with isolated **heavy falls** very likely over Konkan & Goa, Ghat areas of Madhya Maharashtra during 28th July to 1st 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)

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