



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

**Press Release
Date: 21st July, 2021
Time of Issue: 1230 hrs IST**

Sub: Rainfall activity over northern parts of India, along the west coast, central and adjoining east coast of India

◆ **Rainfall recorded (from 0830 hours IST of 20.07.2021 to 0830 hours IST of 21.07.2021) (7 cm or more):** Shirgaon-19; Mahabaleshwar-16; Badwani, Murshidabad and Singrauli-13; Cuttack(Kantapada), Puri(Satyabadi) and Mukteshwar-12 each; Bahraich, Gorakhpur, Matheran, Ratnagiri and Yamunanagar-11 each; East Godavari, Chindwara and Narsingpur-10 each; Bhatinda, Jalandhar, Ludhiana, Pathankot, Vizianagram and Ranjit Sagar Dam-9; Patiala, Sanquelin, Sanguem, Bhadson, Bhubaneshwar, Gharounda, Nizamabad, Kamarreddy, Mulugu and Bhupalpally-8 each; Chhota Udepur, Ela, Tajewala, Uttar Kannada, Chatrapur, Digha, Kothagudem, Peddapalle, Siddipet, Malthone, Niwari, Kalimpong, Udampur, Champawat, Kurushetra, Gharwal Pauri and Gharwal Tehri-7 each

Mumbai Metropolitan Region: Sahapur-11; Ram mandir-8; Adharawadi and Bhivandi-7 each; Mumbra-6; Santacruz-2; .

Delhi: Safdarjung and Lodi Road-6 each; Palam-4; Ridge and Ayanagar-2 each

Weather Systems:

- The western end of monsoon trough at mean sea level runs north of its normal position and is likely to remain to the north of the normal position during next 2 days and shift southwards subsequently. Its eastern end continues to run along its near normal position dipping into North Bay of Bengal.
- A cyclonic circulation lies over northwest Bay of Bengal in the middle and upper tropospheric levels. Under its influence, a Low Pressure Area is very likely to form over Northwest Bay of Bengal during next 48 hours. It is likely to move west-northwestwards along the monsoon trough during the subsequent 2-3 days.
- An off-shore trough at mean sea level runs from south Gujarat coast to Karnataka coast. It is likely to persist during next 2-3 days.

Forecast and warning:

- Intensity of the rainfall over northwest India likely to reduce further after 24-hours. Fairly widespread to widespread rainfall with isolated heavy falls very likely over Western Himalayan Region (Jammu, Kashmir & Ladakh, Himachal Pradesh and Uttarakhand) and adjoining northwest India (Punjab and Uttar Pradesh) today 21st with further reduction thereafter. It is likely to increase from 25th July.
 - **Light to Moderate rainfall at scattered places very likely** over Delhi during next 24 hours.
 - Widespread rainfall with isolated **heavy to very heavy falls** very likely to continue over west coast and adjoining interior areas and Gujarat region during next 4-5 days. Isolated **extremely heavy falls also very likely over Konkan & Goa & adjoining Ghat areas of Madhya Maharashtra on 21st -22nd July.**
 - Fairly Widespread to widespread rainfall with isolated **heavy to very heavy falls** likely over east and adjoining central India during 21st -24th July. **Isolated extremely heavy falls** also likely over **coastal Andhra Pradesh and Telangana on 21st -22nd July and over Chhattisgarhi, Vidarbha and east Madhya Pradesh on 22nd 2021.**
 - Moderate to Severe **thunderstorm with lightning** very likely at isolated places over Uttar Pradesh, Bihar and Madhya Pradesh during next 24 hours.
- [For details of forecast and warning refer: https://mausam.imd.gov.in/imd latest/contents/all india forcast bulletin.php](https://mausam.imd.gov.in/imd%20latest/contents/all%20india%20forcast%20bulletin.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 Widespred (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