Government of India

Ministry of Earth Sciences

India Meteorological Department

Press Release

Date: 26th July, 2021

Time of Issue: 1215 hrs IST

Sub: Intense rainfall spell over northwest India during 26th to 30th July, 2021

- **Significant Rainfall Amount** recorded (from 0830 hours IST of yesterday to 0830 hours IST of today)(10 cm or more): Kathiwada, Jaora & Mahidpur-26 each; Zirapur-22; Marwar(Pali Dist)-21; Lodhika(Rajkot)-20; Chhota Udepur-19; Quant & Bhungra-18 each; Ozharkheda, Garoth, Becharaji & Arthuna-16 each; Barod, Nateran, Tilakwada, Kalavad, Botad & Mahabaleshwar-15 each; Kaprada, Dug & Arnod-14 each; Gaganbawda, Bamori, Jawad, Shankeshvar, Manavadar, Kutiana & Jammu-13 each; Moman Badodiya, Kotdwar, Vijapur, Jotna, Rajkot, Gadhda, Vanthali, Pirawa, Pratapgarh, Ratlam & Rajkot-12 each; Dahi, Meghnagar, Karjan, Mahesana & Junagarh-11 each; Vaibhavwadi, Dabhoi, Fatepura, Sutrapada, Mandal, Mount Abu, Kakkayam & Amalapuram-10 each.

Weather Systems:

- The Low Pressure Area over northwest Madhya Pradesh has become less marked. However, the associated cyclonic circulation over northwest Madhya Pradesh & neighbourhood extending upto mid-tropospheric levels km above mean sea level tilting southwards with height persists.
- The western end of the monsoon trough at mean sea level runs along its normal position while its eastern end runs close to the normal position. The western end likely to shift northward during next 24 hours.
- The east-west trough roughly runs along Lat. 25°N between 3.1 & 7.6 km above mean sea level tilting southwards with height.

- A cyclonic circulation lies over North Bay of Bengal & neighbourhood at mid & upper tropospheric level. Under **its influence, a Low Pressure Area is likely to form over North Bay of Bengal & neighbourhood around 28th July, 2021.**

Forecast and warning:

- **Widespread rainfall activity with isolated heavy to very heavy falls very likely over Jammu & Kashmir, Himachal Pradesh, Uttrakhand, Punjab, Haryana, Chandigarh and Uttar Pradesh till 29th July, 2021 and reduction thereafter. Isolated extremely heavy is also likely over Himachal Pradesh & Uttrakhand on 27th & 28th and over northwest Uttar Pradesh on 27th July, 2021.**
- Fairly widespread rainfall with isolated **heavy to very heavy falls** likely to continue over East Rajasthan and West Madhya Pradesh till tomorrow, the 26th July and reduce thereafter.
- Fairly widespread to widespread rainfall with isolated **heavy falls** very likely over Konkan & Goa, Ghat areas of Madhya Maharashtra during next 3 days and increase to isolated heavy to very heavy falls over the region from 29th July.
- Enhanced rainfall activity with fairly widespread to widespread rainfall and isolated **heavy to very heavy falls** likely over East and adjoining Central India (Odisha, Gangetic West Bengal, Jharkhand and Bihar) from 27th July, 2021.

For details of forecast and warning refer:
https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_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 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