



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

Press Release

Date: 16th August, 2021

Time of Issue: 1330 hrs IST

**Subject: (i) Increase in rainfall activity over East & adjoining central India
(ii) Heavy spell of rainfall over Northeast India and Sub-Himalayan West Bengal & Sikkim likely to continue till 18th August.
(iii) Subdued rainfall very likely to continue over northwest India and Gujarat during next 4 days.**

Rainfall Amount recorded (from 0830 hours IST of yesterday to 0830 hours IST of today)(5 cm or more): Sitapur-13; Jalna-12; Vizianagram, Muzaffarpur and Darbhanga-11; Siddipet, Vaishali and Long Island-10 each; Bhalukpong, Dantewada, Kothagudem, Guntur and Karimnagar-9 each; Palghar, Siwan, Jangaon, Dahanu, Kandhamal, Nawapara-8 each; Simdega, Shivmogga, East Champaran, Katihar, Mahbubnagar, Mancherial, Maya Bandar, Kalahandi-7 each; Port Blair, Titlagarh-6 each; Tuni-5.

Weather Systems:

- The western end of the monsoon trough runs along the foothills of the Himalayas and the eastern end now passes through Hardoi, Patna, Jamshedpur, Paradip and thence southeastwards to Eastcentral Bay of Bengal.
- A cyclonic circulation lies over Westcentral & adjoining Northwest Bay of Bengal off south Odisha-north Andhra Pradesh coasts extending upto 7.6 km above mean sea level tilting southwestwards with height persists. Under its influence, a low pressure area is likely to form over Northwest & adjoining Westcentral Bay of Bengal off Odisha-north Andhra Pradesh coasts during next 24 hours.

Forecast and warning:

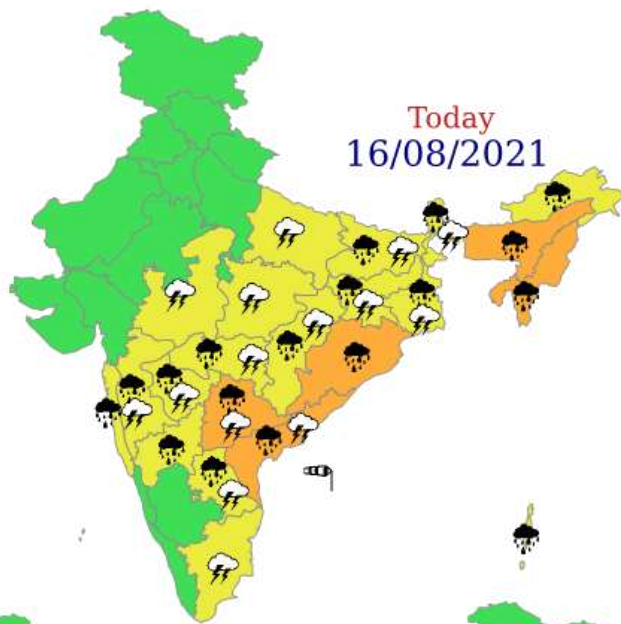
- Fairly widespread to widespread rainfall activity with **isolated heavy falls** very likely to continue over Northeast India and Sub-Himalayan West Bengal & Sikkim during next 4-5 days. **Isolated heavy to very heavy falls** very likely over Assam & Meghalaya on 16th & 17th; Arunachal Pradesh on 17th and Nagaland, Manipur, Mizoram & Tripura on 16th August, 2021.
- Fairly widespread to widespread rainfall activity very likely over Gangetic West Bengal, Odisha, Bihar, Jharkhand, Coastal Andhra Pradesh, Telangana, Madhya Pradesh, Chhattisgarh and Vidarbha during next 5 days. **Isolated heavy falls** very

likely over Coastal Andhra Pradesh on 17th; Telangana on 18th & 19th; over Jharkhand on 16th, 17th & 18th; over Bihar on 16th; over Gangetic West Bengal on 16th & 17th; over Sub-Himalayan West Bengal & Sikkim during 16th-20th; over Madhya Pradesh from 17th to 19th; over Chhattisgarh and Vidarbha from 16th to 18th August. **Isolated heavy to very heavy falls** also very likely over Coastal Andhra Pradesh on 16th; Odisha and Telangana on 16th & 17th; Vidarbha on 18th August, 2021.

- Fairly widespread to widespread rainfall activity very likely over Maharashtra (except Vidarbha area) during next 3 days till 19Aug with reduction thereafter. **Isolated heavy falls** very likely over these areas during 16 and 17th August and **Isolated heavy to very heavy falls** very likely on 19th August.
- **Subdued rainfall very likely to continue over northwest India and Gujarat during next 4 days.**

[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)



Heavy Rain



Strong Winds



Thunderstorm with Lightning

WARNING	
WARNING (TAKE ACTION)	
ALERT (BE PREPARED)	
WATCH (BE UPDATED)	
NO WARNING (NO ACTION)	

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