



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

**Press Release  
Date: 25<sup>th</sup> August, 2022  
Time of Issue: 1200 hrs IST**

**Subject: i) Subdued rainfall activity over Northwest & adjoining Westcentral India during next 5 days.  
ii) Heavy rainfall spell over Northeast India during next 5 days and over East Uttar Pradesh & Bihar on 27<sup>th</sup> & 28<sup>th</sup> August, 2022.**

**Weather observed during past 24 hours ending at 0830 hrs IST of today: (Refer Annex. I)  
Weather systems, rainfall/thunderstorm Forecast & Warnings: (Warning Graphics in Annexure II)**

- Yesterday's **Well Marked Low Pressure Area** over southwest Rajasthan & neighbourhood now lies over southeast Pakistan & adjoining southwest Rajasthan with associated cyclonic circulation extending upto middle tropospheric levels.
- The western end of the monsoon trough at mean sea level is south of its normal position and eastern end is near its normal position.
- A cyclonic circulation lies over south Jharkhand & neighbourhood extending upto middle tropospheric levels.
- **Under the influence of the above systems:**
  - Widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Vidarbha on 28<sup>th</sup>; East Madhya Pradesh & Chhattisgarh during 25<sup>th</sup> & 28<sup>th</sup> August, 2022
  - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over Odisha on 27<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim during 27<sup>th</sup>-29<sup>th</sup> and over southeast Uttar Pradesh & Bihar on 27<sup>th</sup> & 28<sup>th</sup> August, 2022.
  - Fairly widespread light/moderate rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Nagaland, Manipur, Mizoram & Tripura during 27<sup>th</sup>-29<sup>th</sup> and over Arunachal Pradesh and Assam & Meghalaya during 25<sup>th</sup>-29<sup>th</sup> during next 5 days.
    - ✓ **Isolated very heavy rainfall** also likely over Arunachal Pradesh and Assam & Meghalaya on 27<sup>th</sup> August, 2022.
  - Fairly widespread/widespread light/moderate rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Jammu & Kashmir on 25<sup>th</sup>; Himachal Pradesh on 28<sup>th</sup> and over Uttarakhand on 28<sup>th</sup> & 29<sup>th</sup> August, 2022.

- Fairly widespread/widespread light/moderate rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over South Interior Karnataka on 26<sup>th</sup>; Rayalaseema during 25<sup>th</sup>-27<sup>th</sup>; Telangana on 27<sup>th</sup> & 28<sup>th</sup>; Kerala & Mahe during 26<sup>th</sup>-28<sup>th</sup> and over Tamil Nadu next 5 days.

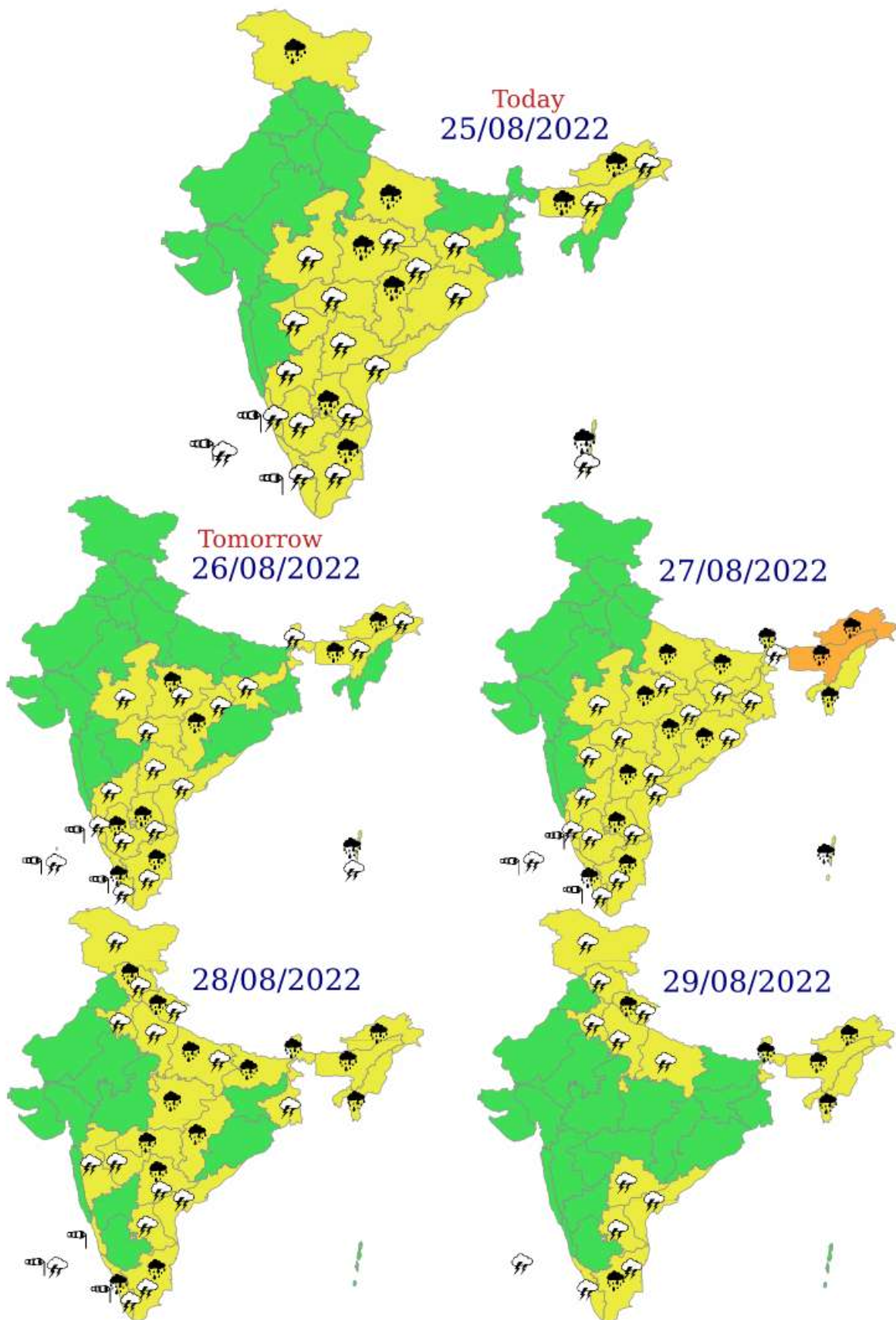
For more details kindly refer:

[https://mausam.imd.gov.in/imd\\_latest/contents/all\\_india\\_forcast\\_bulletin.php](https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_bulletin.php)

**Heavy to very heavy rainfall** occurred at isolated places over East Uttar Pradesh, Chhattisgarh, Bihar, Assam & Meghalaya, Odisha and **heavy rainfall** at isolated places over Punjab, East Madhya Pradesh, Gujarat Region, Gangetic West Bengal, Andaman & Nicobar Islands, Nagaland, Telangana and Tamil Nadu.

**Rainfall (in cm):**

- ❖ **East Madhya Pradesh:** Churhat (dist Sidhi) 11, Mada (dist Singrauli) 8, Sarai (dist Singrauli) 7, Sidhi (gopadbanas) (dist Sidhi) 7;
- ❖ **Chhattisgarh:** Kansabel (dist Jashpur) 13, Kunkuri (dist Jashpur) 11, Takhatpur (dist Bilaspur) 9, Ambikapur (dist Surguja) 9, Wandrafnagar (dist Balrampur) 9, Duldula (dist Jashpur) 9, Rajpur (dist Balrampur) 8;
- ❖ **East Uttar Pradesh:** Sonbhadra-13;
- ❖ **Bihar:** Nalanda-12, Araria-7;
- ❖ **Gujarat Region:** Palanpur (dist Banaskantha) 7;
- ❖ **Tamil Nadu:** Nilgiris: Taluk Office Pandalur-7;
- ❖ **Punjab:** Kapurthala (dist Kapurthala) 7;
- ❖ **Telangana:** Vicarabad (dist Vikarabad) 7.



## **IMPACT EXPECTED & ACTION SUGGESTED DUE TO-**

**Isolated very heavy rainfall** over Arunachal Pradesh and Assam & Meghalaya on 27th August, 2022.

### **A. Impact Expected**

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Landslides/Mudslides
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

### **B. Action Suggested**

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

## Legends:

**Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4 mm.

### Region wise classification of meteorological Sub-Divisions:

- 1) **Northwest India:** Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

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)



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

