



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

**Press Release
Date: 26th August, 2022
Time of Issue: 1215 hrs IST**

Subject: Heavy rainfall spell over extreme south Peninsular & Northeast India during next 5 days and over Uttarakhand, East Uttar Pradesh, Bihar and Sub-Himalayan West Bengal-Sikkim during 27th-30th 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** now seen as a **Low Pressure Area** over southeast Pakistan & adjoining southwest Rajasthan.
- 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 southeast Uttar Pradesh & neighbourhood in lower tropospheric levels.
- **Under the influence of the above systems:**
 - Fairly widespread/widespread light/moderate rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over North Interior Karnataka on 26th; Coastal Andhra Pradesh on 26th & 27th; Telangana during 26th-28th and over Rayalaseema, Tamil Nadu, Kerala & Mahe and South Interior Karnataka during next 5 days.
 - Fairly widespread light/moderate rainfall with **isolated heavy falls** and thunderstorm/lightning very likely over Nagaland, Manipur, Mizoram & Tripura during 26th-28th; Arunachal Pradesh during 27th-29th and over Assam & Meghalaya during next 5 days. **Isolated very heavy rainfall also likely over Arunachal Pradesh on 27th & 28th and over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 27th August, 2022.**
 - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls** & thunderstorm/lightning very likely over Bihar on 27th & 28th; Jharkhand on 28th; southeast Uttar Pradesh and Sub-Himalayan West Bengal & Sikkim during 27th-30th August, 2022. **Isolated very heavy rainfall also likely over Sub-Himalayan West Bengal & Sikkim on 27th August, 2022.**
 - Fairly widespread/widespread light/moderate rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Himachal Pradesh on 28th & 29th and over Uttarakhand during 27th-30th August, 2022.
 - Widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over East Madhya Pradesh & Chhattisgarh on 27th & 28th August, 2022

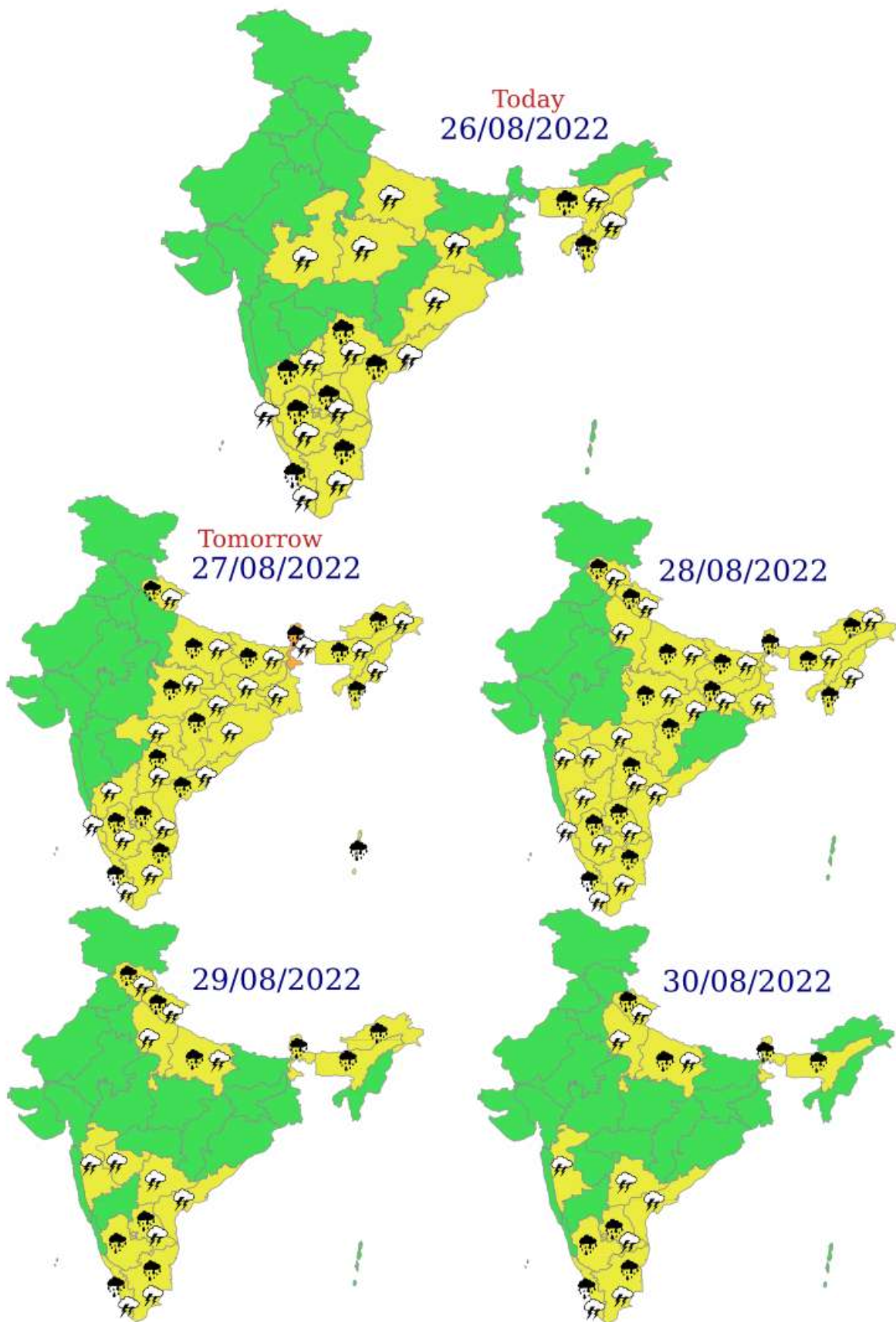
For more details kindly refer:

https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php

Heavy rainfall occurred at isolated places over East Uttar Pradesh, Bihar, East Madhya Pradesh, Jharkhand, Interior Karnataka, Telangana, Coastal Andhra Pradesh, Rayalaseema and Tamil Nadu.

Rainfall (in cm):

- ❖ **Bihar:** Katihar: Katihar north-14, Manihari-11, Barari-8;
- ❖ **East Uttar Pradesh:** Varanasi-10;
- ❖ **Tamil Nadu:** Pandalur (dist Nilgiris) 9, Shoolagiri (dist Krishnagiri) 8 each, Avadi (dist Tiruvallur), Kovilpatti (dist Toothukudi), Vadapudupattu (dist Tirupattur), Hosur AWS (dist Krishnagiri), Edapadi (dist Salem), Omalur (dist Salem), Lakkur (dist Cuddalore) 7 each;
- ❖ **North Interior Karnataka:** Sedam (dist Kalaburgi) 9;
- ❖ **South Interior Karnataka** Maddur (dist Mandya) 8, Kolar Pwd (dist Kolar) 7, Sompura Arg (dist Bengaluru Urban) 7;
- ❖ **Telangana:** Veepangandla (dist Wanaparthy) 9, Pebbair (dist Wanaparthy) 7, Alampur (dist Jogulamba Gadwal) 7;
- ❖ **Jharkhand:** Chatra-8;
- ❖ **Coastal Andhra Pradesh:** Chimakurthi (dist Prakasam) 8, Tadepalligudem (dist West Godavari) 7;
- ❖ **Rayalaseema:** Kalyandrug (dist Anantapuramu) 8, Santhipuram (dist Chittoor) 7;
- ❖ **East Madhya Pradesh:** Semariya (dist Rewa) 7.



IMPACT EXPECTED & ACTION SUGGESTED DUE TO-

Isolated very heavy rainfall over Sub-Himalayan West Bengal & Sikkim, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 27th and over Arunachal Pradesh on 27th & 28th 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

