



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

**Press Release  
Date: 24<sup>th</sup> August, 2022  
Time of Issue: 1230 hrs IST**

**Subject: i) Subdued rainfall activity over Northwest India during next 5 days and over Central India during next 3 days.  
ii) Heavy rainfall spell over East Uttar Pradesh, Bihar and Northeast India 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 East Rajasthan & adjoining northwest Madhya Pradesh now lies over southwest Rajasthan & neighbourhood 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 Northwest Bay of Bengal & 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 south Rajasthan, north Gujarat Region & ghat areas of Madhya Maharashtra on 24<sup>th</sup>; Chhattisgarh on 26<sup>th</sup> & 27<sup>th</sup> and over East Madhya Pradesh on 27<sup>th</sup> & 28<sup>th</sup>; August, 2022
  - Fairly widespread/widespread light/moderate rainfall with **isolated heavy falls & thunderstorm/lightning** very likely over southeast Uttar Pradesh, Jharkhand & Gangetic West Bengal on 24<sup>th</sup>; Odisha on 24<sup>th</sup> & 25<sup>th</sup>; East Uttar Pradesh on 27<sup>th</sup> & 28<sup>th</sup>; Sub-Himalayan West Bengal & Sikkim during 26<sup>th</sup>-28<sup>th</sup> and over Bihar on 27<sup>th</sup> & 28<sup>th</sup> August, 2022.
    - ✓ **Isolated very heavy rainfall** also likely over Odisha on 24<sup>th</sup> and over Sub-Himalayan West Bengal & Sikkim on 27<sup>th</sup> August, 2022.
  - Fairly widespread light/moderate rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Arunachal Pradesh on 27<sup>th</sup> & 28<sup>th</sup>; Assam & Meghalaya during 26<sup>th</sup>-28<sup>th</sup> and over Nagaland, Manipur, Mizoram & Tripura 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 Punjab on 24<sup>th</sup>; Jammu & Kashmir and over Himachal Pradesh on 24<sup>th</sup> & 25<sup>th</sup> and over Uttarakhand on 24<sup>th</sup> & 28<sup>th</sup> August, 2022.
- Fairly widespread/widespread light/moderate rainfall with isolated **heavy falls** and **thunderstorm/lightning** very likely over Coastal Karnataka & Coastal Andhra Pradesh & Yanam on 24<sup>th</sup>; South Interior Karnataka on 24<sup>th</sup>, 26<sup>th</sup> & 27<sup>th</sup>; Rayalaseema during 26<sup>th</sup>-28<sup>th</sup>; Tamil Nadu and Kerala & Mahe during 24<sup>th</sup>-28<sup>th</sup> August, 2022.
- ✓ **Isolated very heavy rainfall** also likely over Tamilnadu and Kerala & Mahe on 24<sup>th</sup> August, 2022.

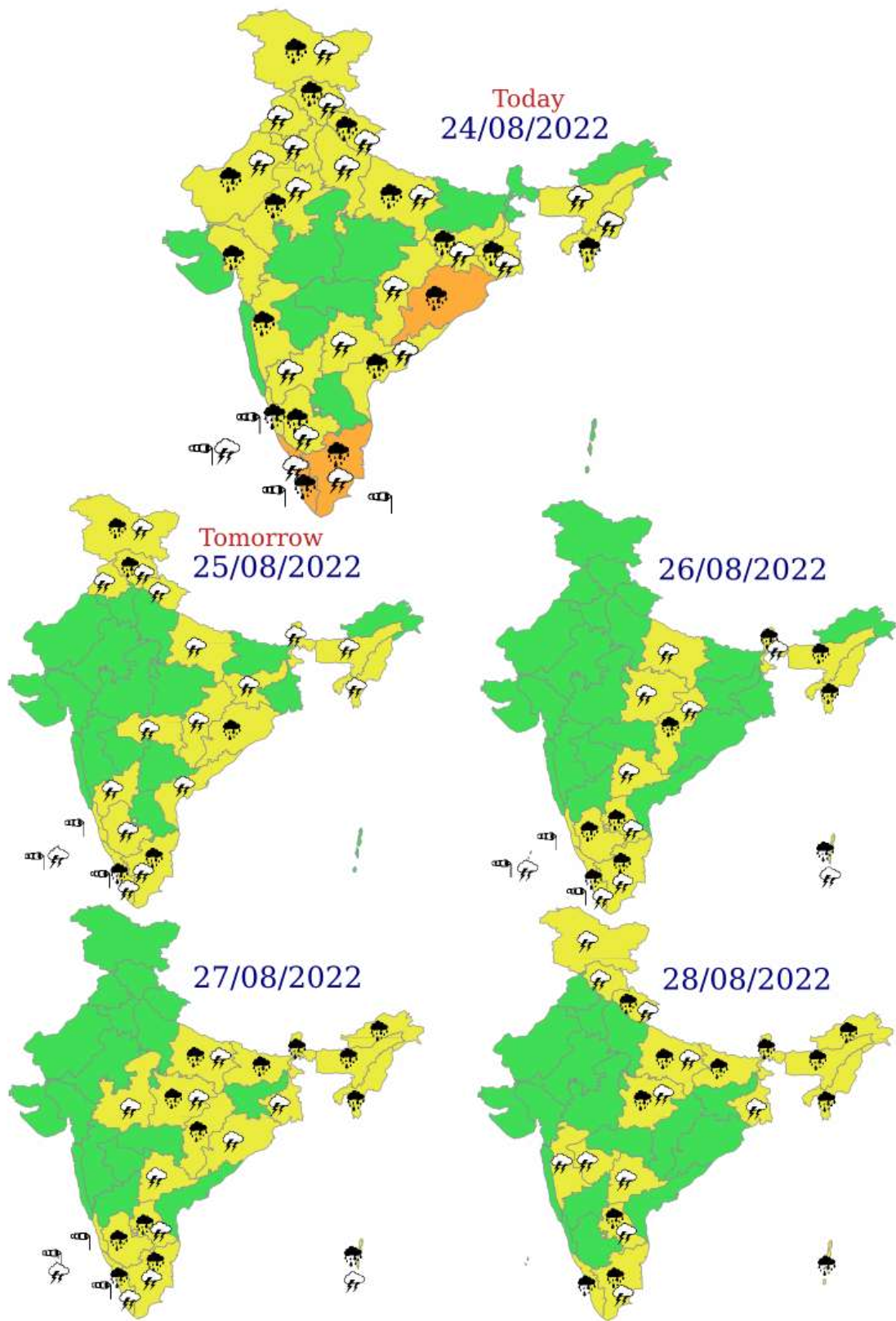
For more details kindly refer:

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

**Heavy to very heavy rainfall** occurred at isolated places over Uttarakhand, East Madhya Pradesh, West Rajasthan, Gujarat Region, Gangetic West Bengal, and **heavy rainfall** at isolated places over Himachal Pradesh, Punjab, East Uttar Pradesh, East Rajasthan, Konkan & Goa, Sub-Himalayan West Bengal, Saurashtra & Kutch, Rayalaseema, Kerala, NMMT, Coastal Karnataka and Tamil Nadu.

### Rainfall (in cm):

- ❖ **Gujarat Region:** Mahesana (dist Mehsana) 20, Becharaji (dist Mehsana) 12, Radhanpur (dist Patan) 12, Visnagar (dist Mehsana) 11, Idar (dist Sabarkantha) 11, Patan (dist Patan) 10, Vijapur (dist Mehsana) 9, Saraswati (dist Patan) 9, Mansa (dist Gandhinagar) 9, Amirgadh (dist Banaskantha) 9, Poshina (dist Sabarkantha) 9, Satlasana (dist Mehsana) 9, Jotana (dist Mehsana) 9, Kheralu (dist Mehsana) 8, Danta (dist Banaskantha) 8, Vadnagar (dist Mehsana) 7;
- ❖ **Gangetic West Bengal:** Canning-17, Rampurhat : 8, Tarakeshwar-8, Rampurhat :7;
- ❖ **Uttarakhand:** Dehradun: Haripur-17, Nainital: Haldwani-17, Udham Singh Nagar: Khatima-7;
- ❖ **West Rajasthan:** Jalore: Bhinmal-14, Barmer: Gadra Road-9, Jaisalmer: Fathegarh-7;
- ❖ **Saurashtra & Kutch:** Morbi (dist Morbi) 13;
- ❖ **East Madhya Pradesh:** Singrauli-aws (dist Singrauli) 12, Mangawan (dist Rewa) 11;
- ❖ **Tamilnadu:** Needamangalam (dist Tiruvarur) 11, Vedaranyam (dist Nagapattinam), Namakkal Collectorate (dist Namakkal) 10 each, Kilacheruvai (dist Cuddalore), Jayamkondam (dist Ariyalur) 9, Adirampatnam (dist Thanjavur), Vettikadu (dist Thanjavur) 8 each, Mannargudi (dist Tiruvarur), Manalmedu (dist Mayiladhurai), Mugaiyur (dist Villupuram) 7 each;
- ❖ **Kerala:** Kudulu (Kasaragod district) 11, Hosdurg (Kasaragod district) 9, Cheruthazham ARG (Kannur district) 8, Kannur, Thamarassery (Kozhikode district) & Taliparamba (Kannur district) 7 each;
- ❖ **Coastal Karnataka:** Mulki (dist Dakshina Kannada) 11, Belthangadi (dist Dakshina Kannada) 11, Mangaluru Ap Obsy (dist Dakshina Kannada) 11, Panambur Obsy (dist Dakshina Kannada) 10, Uppinangadi (dist Dakshina Kannada) 9, Karkala (dist Udupi) 9, Dharmasthala (dist Dakshina Kannada) 8, Puttur Hms (dist Dakshina Kannada) 7;
- ❖ **East Rajasthan:** Sirohi: Abu Road-11, Udaipur: Girva-8, Jhadol-7;
- ❖ **NMMT:** Kvk Dhalai (dist Dhalai) 11, Kanchanpur (dist North Tripura) 9, Khowai (dist Khowai) 7;
- ❖ **East Uttar Pradesh:** Basti-9, Barabanki-8, Balrampur-7;
- ❖ **Punjab:** Kapurthala (dist Kapurthala) 9;
- ❖ **Sub-Himalayan West Bengal:** Raiganj-9;
- ❖ **Himachal Pradesh:** Bilaspur-8, Sirmaur & Kangra-7 each;
- ❖ **Rayalaseema:** Kodur (dist Ysr District) 7;
- ❖ **Konkan & Goa:** Matheran (dist Raigad) 7.



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

**Isolated very heavy rainfall** over Tamil Nadu, Kerala & Mahe and Odisha on 24th and over Arunachal Pradesh, Assam & Meghalaya, Sub-Himalayan West Bengal & Sikkim 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)



Heavy Rain



Strong Winds

### 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



Thunderstorm with Lightning



Heat Wave