



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

**Press Release
Date: 26th August, 2023
Time of Issue: 1245 hours IST**

**Subject: (i) Heavy to very heavy rainfall spell likely to continue over northeast India and adjoining Sub Himalayan West Bengal during next 2 days and heavy rainfall likely over Bihar today and decrease thereafter.
(ii) Subdued rainfall activity likely over rest parts of the country during next one week**

Weather observed during past 24 hours ending at 0830 hours IST of today (Annexure I):

Significant Weather features:

- ❖ The western end of the Monsoon Trough continues along the foothills of the Himalayas. It is likely to remain to the north of its normal position during next 7 days. The eastern end of the monsoon trough passes through Shahjahanpur, Muzaffarpur, Purnia, Bankura and thence southeastwards to northeast Bay of Bengal.
- ❖ A cyclonic circulation lies over northeast Bangladesh & neighbourhood in lower tropospheric levels.
- ❖ A trough runs from Sub Himalayan West Bengal to Northeast Bay of Bengal in middle tropospheric levels.

Weather Forecast and Warnings: (Annexure II)

East India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** activity very likely over Sub-Himalayan West Bengal & Sikkim on 26th & 27th; over Bihar on 26th August 2023.

Isolated very heavy rainfall also likely over Sub-Himalayan West Bengal & Sikkim on 26th August 2023.

Northeast India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** activity very likely over the region during next 4-5 days.

Isolated very heavy rainfall also likely over Arunachal Pradesh and Assam & Meghalaya on 26th & 27th August, 2023.

West India: Light/moderate widespread rainfall with **isolated heavy rainfall** activity very likely over South Konkan & Goa on 26th & 27th August, 2023.

Subdued rainfall activity likely over rest parts of the country during next one week.

For more details kindly refer:

https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

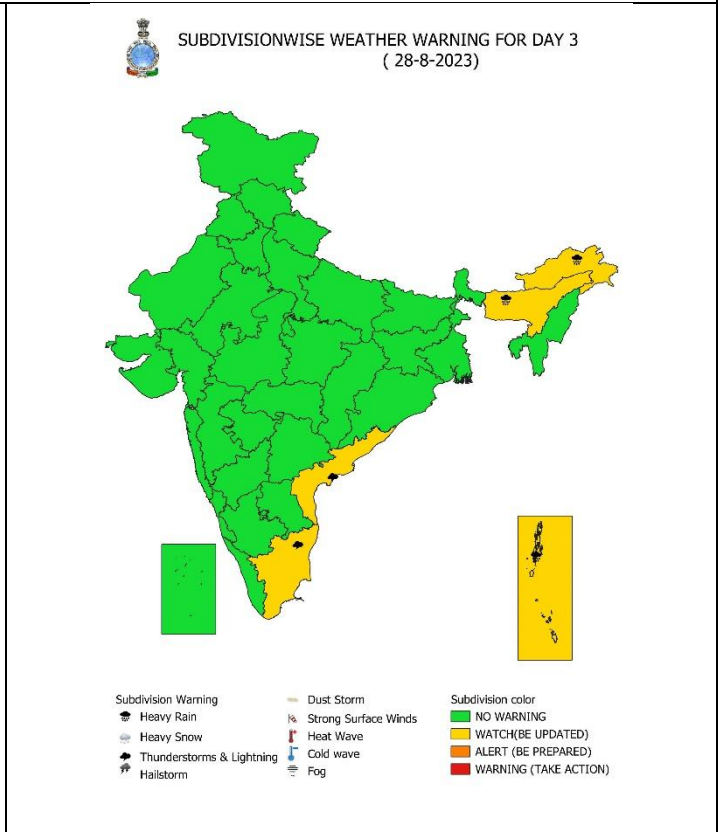
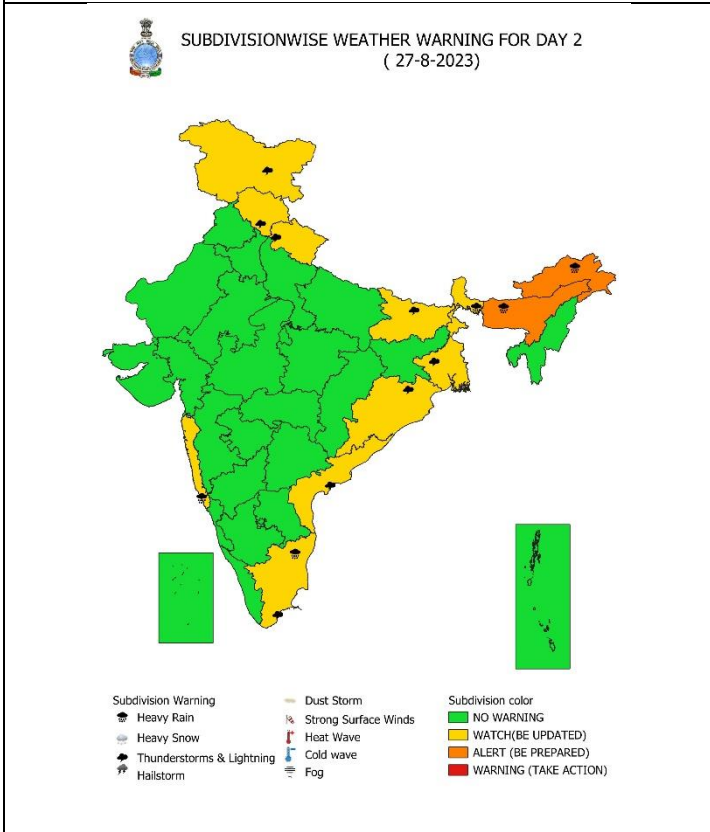
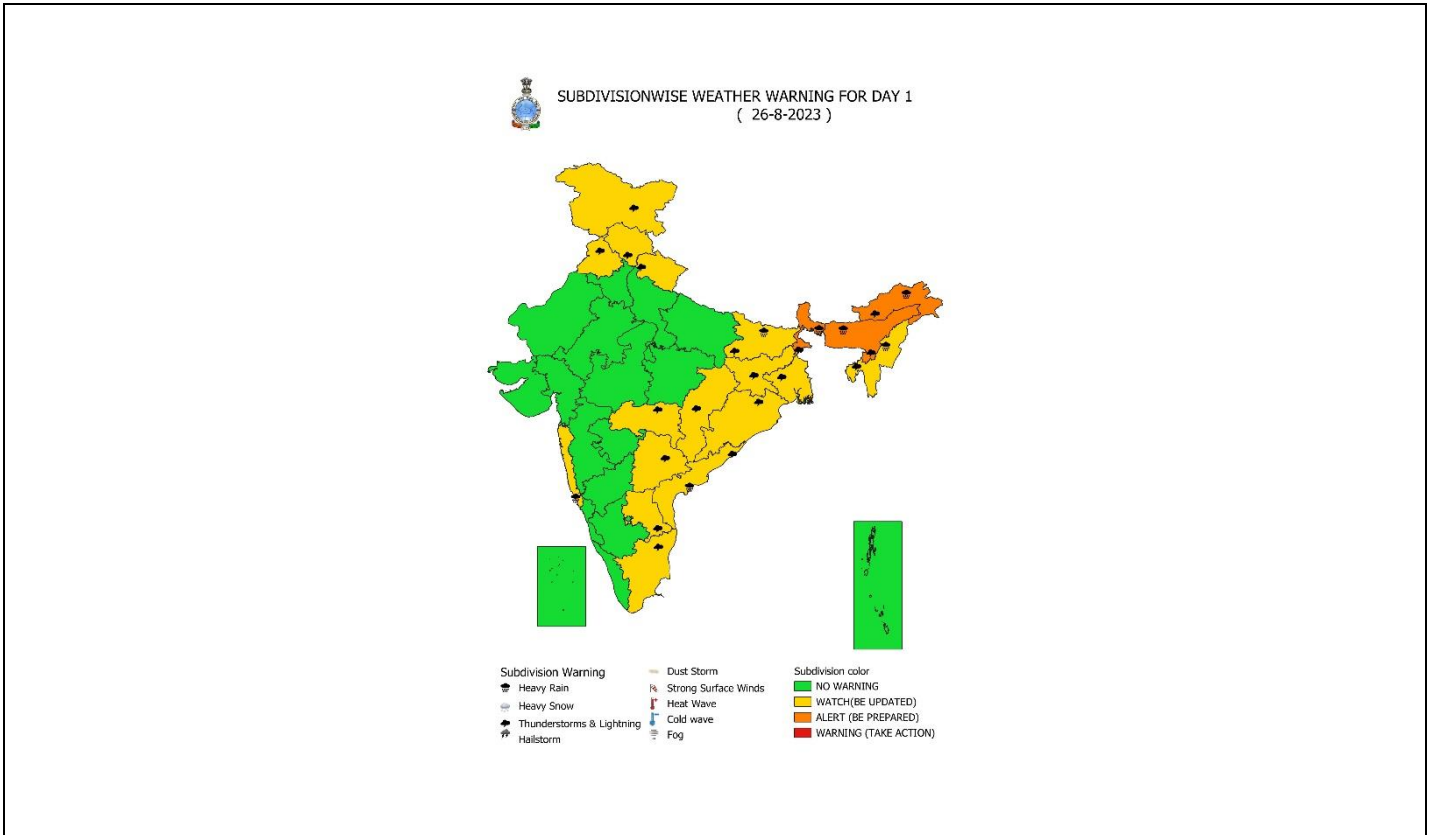
Rainfall observations: (from 0830 hours IST of yesterday to 0830 hours IST of today, the 26th August, 2023):

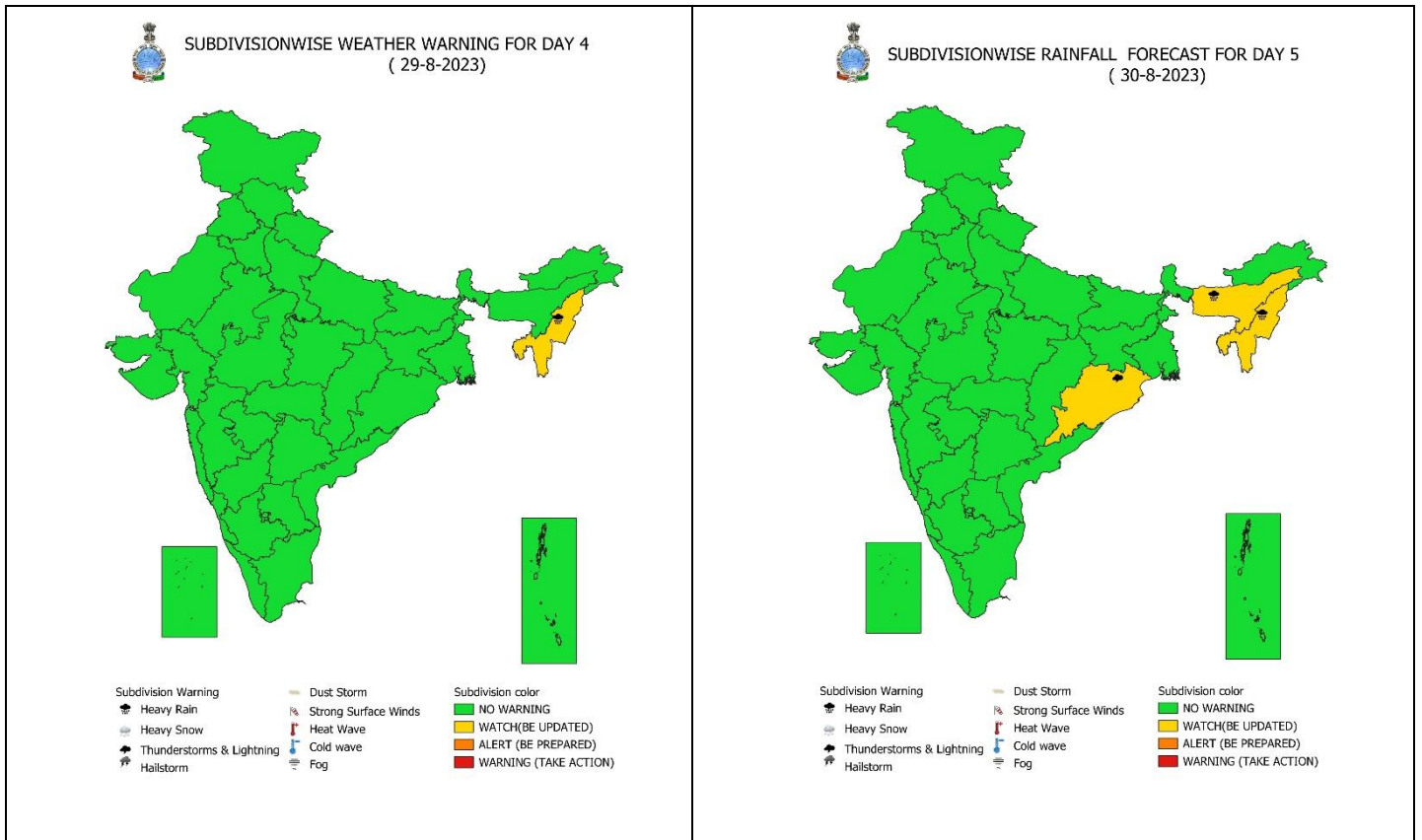
➤ **Heavy to very heavy rainfall** at isolated places over Bihar, Arunachal Pradesh and **heavy rainfall** at isolated places over Assam & Meghalaya, West Bengal & Sikkim, Punjab, Coastal Andhra Pradesh, Jharkhand, Konkan & Goa.

➤ **Significant rainfall recorded (in cm):**

- ✓ **Bihar:** Siswan (dist Siwan) 17, Gaunaha (dist West Champaran) 15, Forbesganj (dist Araria) 14, Lalbesganj (dist East Champaran) 12, Dhenraghat (dist Purnea) 10, Dhengbridge (dist Sitamarhi) 9, Sikta (dist West Champaran) 8, Darauli (dist Siwan) 8, Tribeni (dist West Champaran) 8, Manghi (dist Saran) 8, Dighwara (dist Saran) 8, Amaur (dist Purnea) 8, Patori (dist Samastipur) 8, Bairgania (dist Sitamarhi) 7;
- ✓ **Arunachal Pradesh:** Longding AWS (dist. Longding) 16;
- ✓ **Assam Meghalaya:** Chouldhowaghat (dist. Lakhimpur) 10, Sohra arg (dist. east Khasi hills) 08, Sohra (dist. east Khasi hills) 08, Majbat (dist. Udalguri) 07, Tangla arg (dist. Udalguri) 07, Mangaldai kvk aws (dist. Darrang) 07, Baghmara (dist. south Garo hills) 07;
- ✓ **Gangetic West Bengal:** Burdwan (dist Burdwan) 8, KANDI (dist Murshidabad) 8, Sri Niketan (dist Birbhum) 7;
- ✓ **Sub-Himalayan West Bengal & Sikkim:** Bagrakote (dist Darjeeling) 8, Neora (dist Jalpaiguri) 7, Mathabhanga (dist Cooch Behar) 7;
- ✓ **Punjab:** Kapurthala (dist Kapurthala) 8, Ajanala Arg (dist Amritsar) 3;
- ✓ **Coastal Andhra Pradesh:** Tadepalligudem (dist West Godavari) 7, Chintalapudi (dist Eluru) 7, Pusapatirega (dist Vizianagaram) 6;
- ✓ **Jharkhand:** Tonto-7; Sikatia-6;
- ✓ **Konkan & Goa:** Dabolim 7, Panaji 7, Pernem 7;

Obsy: Observatory; **AWS:** Automatic Weather Station; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation





Impact & Action Suggested due to very heavy/extremely heavy rainfall over Sub-Himalayan West Bengal & Sikkim on 26th; over Arunachal Pradesh and Assam & Meghalaya on 26th & 27th August, 2023.

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 in the hilly areas.
- ❖ 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:** >204.4mm.
- ❖ **AWS:** Automatic Weather Station
- ❖ **Region wise classification of meteorological Sub-Divisions:**
 - **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.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalaya West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
 - **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)

Subdivision Warning	Dust Storm	Subdivision color
Heavy Rain	Strong Surface Winds	NO WARNING
Heavy Snow	Heat Wave	WATCH(BE UPDATED)
Thunderstorms & Lightning	Cold wave	ALERT (BE PREPARED)
Hailstorm	Fog	WARNING (TAKE ACTION)

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

Flash Flood Risk	
	High Risk (Take Action)
	Moderate Risk (Be Prepared)
	Low Risk (Be Updated)