



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

Press Release

Date: 25th August, 2023

Time of Issue: 1245 hours IST

Subject: (i) Heavy to very heavy rainfall spell likely to continue over northeast India & Sikkim today and isolated heavy rainfall for subsequent 3-4 days. Heavy rainfall likely over Gangetic West Bengal, Jharkhand, Odisha and Bihar during next 2 days and decrease thereafter. Isolated heavy rainfall likely over Himachal Pradesh, Uttarakhand, East Uttar Pradesh on today.

(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 lies along the foothills of the Himalayas and it is likely to remain so or north of its normal position during next 7 days. However, the eastern end of the monsoon trough passes through Gorakhpur, Patna, Bankura, Digha and thence southeastwards to eastcentral Bay of Bengal.
- ❖ A cyclonic circulation lies over north Bangladesh & neighbourhood in lower tropospheric levels with trough aloft roughly along Long. 88°E to the north of Lat. 20°N in middle tropospheric levels.

Weather Forecast and Warnings: (Annexure II)

Northwest India: Light/moderate fairly widespread rainfall with isolated **heavy rainfall** likely over Himachal Pradesh, Uttarakhand, East Uttar Pradesh on 25th August, 2023.

East India: Light/moderate fairly widespread to widespread rainfall/thunderstorm & lightning with **isolated heavy rainfall** activity very likely over Sub-Himalayan West Bengal & Sikkim during 25th-27th; over Bihar and Odisha on 25th & 26th and over Gangetic West Bengal and Jharkhand on 25th August, 2023. **Isolated very heavy rainfall also likely over Sub-Himalayan West Bengal & Sikkim and Bihar on 25th August 2023.**

Isolated extremely heavy rainfall also likely over Sub-Himalayan West Bengal & Sikkim on 25th 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 5 days.

Isolated very heavy rainfall also likely over Assam & Meghalaya during 25th -27th and over Arunachal Pradesh on 25th 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_forcast_bulletin.php

Annexure I

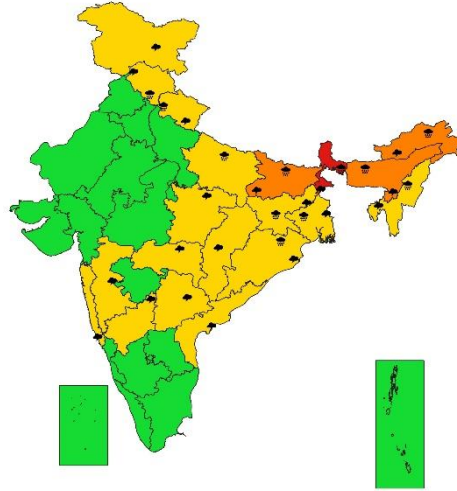
Rainfall observations: (from 0830 hours IST of yesterday to 0830 hours IST of today, the 25th August, 2023):

- **Extremely heavy rainfall** at isolated places over Sub- Himalayan West Bengal; **Heavy to very heavy rainfall** at isolated places over East Uttar Pradesh, Haryana, Bihar, Sikkim, Arunachal Pradesh and Assam & Meghalaya and **heavy rainfall** at isolated places over Himachal Pradesh, Uttarakhand, Odisha, Gangetic West Bengal, Jharkhand, Konkan & Goa, Coastal Andhra Pradesh.
- **Significant rainfall recorded (in cm):**
 - ✓ **Himachal Pradesh:** Kahu (dist Bilaspur) 9;
 - ✓ **Uttarakhand:** Didihat 9;
 - ✓ **Haryana:** Kalka 15;
 - ✓ **East Uttar Pradesh:** Fatehpur Tehsil (dist Barabanki) 17, Nawabganj Tehsil (dist Barabanki) 12, Gonda Cwc (dist Gonda) 10, Gonda Sadar (dist Gonda) 10, Chanderdeepghat (dist Gorakhpur) 10, Ayodhya (dist Ayodhya) 9, Haidargarh (dist Barabanki) 9, Bara Banki (dist Barabanki) 9, Bansaon (dist Gorakhpur) 9, Ramnagar (dist Barabanki) 8, Nanpara (dist Bahraich) 8, Sirauli Gauspur Tehsil (dist Barabanki) 7, Lucknow (Cr) (dist Lucknow) 7, Birdghat (dist Gorakhpur) 7, Kaiserganj (dist Bahraich) 7, Ram Sanehi Ghat Tehsil (dist Barabanki) 7,
 - ✓ **Bihar:** Singheshwar (dist Madhepura) 15, Pandaul (dist Madhubani) 14, Madhipura (dist Madhepura) 13, Supaul (dist Supaul) 13, Khagadia (dist Khagaria) 12, Lalbegiaghat (dist East Champaran) 12, Bihta (dist Patna) 10, Rahghopur (dist Supaul) 10, Amaur (dist Purnea) 9, Jalalgarh (dist Purnea) 9, Dhengraghat (dist Purnea) 8, Sangrampur (dist Monghyr) 8, Kumarkhand (dist Madhepura) 8, Raniganj (dist Araria) 8, Sahebpur Kanal (dist Begusarai) 8, Hajipur (dist Vaishali) 8, Kadwa (dist Katihar) 8, Mahanar (dist Vaishali) 8, Bahargama (dist Araria) 8, Bachwara (dist Begusarai) 7, Baitunthpur (dist Gopalganj) 7, Narpatganj (dist Araria) 7, Samastipur (dist Samastipur) 7, Bihar Shrif (dist Nalanda) 7;
 - ✓ **Sub- Himalayan West Bengal:** Matigara 27, Bagdogra Iaf, Siliguri PTO 21 each, Jhallong, Champasari 20 each, Darjeeling PTO 15, Jalpaiguri, Gazoledoba 14 each, Darjeeling, Algarah, Lava 13 each, Munsong 12, Bagrakote, Sevoke, LBD Jalpaiguri 11 each, Kalimpong PTO 10, Pedong, Amfu Kalimpong, Rongo 9 each, Ghish, Chel, Neora, Domohani, Murti 8 each, Malbazar, English Bazar, Gangarampur, Bijonbari 7 each;
 - ✓ **Sikkim:** Damthang 13, Gyalsing (AAWS), Namchi (AWS), Namthang, Mazitar 9 each, Ravangla (ARG), Khanitar 8 each, Namthang (ARG) 7;
 - ✓ **Gangetic West Bengal:** Champadanga, Shyambati, Tentulia 8 each, Basirhat 7;
 - ✓ **Jharkhand:** Shikaripara-11, Deoghar-10, Ranishwar-10;
 - ✓ **Odisha:** Kantamal (dist Boudhgarh) 8, Betanati (dist Mayurbhanj) 7, Rasagovindapur (dist Mayurbhanj) 7, Soro (dist Balasore) 7,

- ✓ **Arunachal Pradesh:** Tuting (Dist. Upper Siang) 12, Sijon Aws (Dist. Upper Siang) 8, Roing (Dist. Lower Dibang Valley) 8;
- ✓ **Assam & Meghalaya:** Baghmara (Dist. South Garo Hills) 12, Badarpur Arg (Dist. Karimganj) 10, Sohra Rkm (Dist. East Khasi Hills) 8, Williamnagar (Dist. East Garo Hills) 7, Mawsynram (Dist. East Khasi Hills) 7;
- ✓ **Konkan & Goa:** Wakwali_agri (dist Ratnagiri) 8, Dabolim N.a.s.- Navy (dist South Goa) 7;
- ✓ **Coastal Andhra Pradesh:** Jiyyamma Valasa (dist Parvathipuram Manyam) 8.

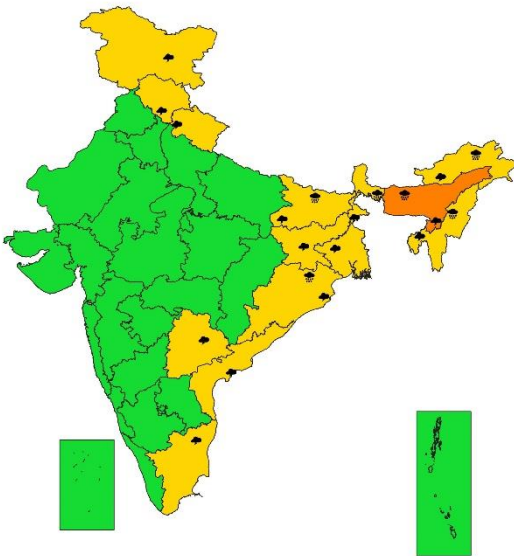
Obsy: Observatory; **AWS:** Automatic Weather Station; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation


SUBDIVISIONWISE WEATHER WARNING FOR DAY 1
 (25-8-2023)



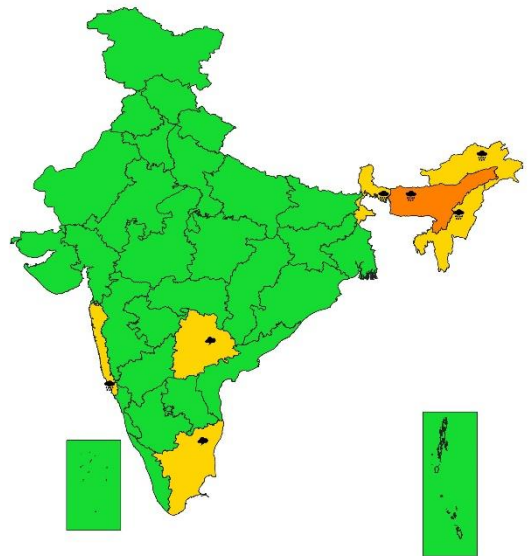
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|--|---|--|
| Subdivision Warning
Heavy Rain
Heavy Snow
Thunderstorms & Lightning
Hailstorm | Dust Storm
Strong Surface Winds
Heat Wave
Cold wave
Fog | Subdivision color
NO WARNING
WATCH (BE UPDATED)
ALERT (BE PREPARED)
WARNING (TAKE ACTION) |
|--|---|--|


SUBDIVISIONWISE WEATHER WARNING FOR DAY 2
 (26-8-2023)

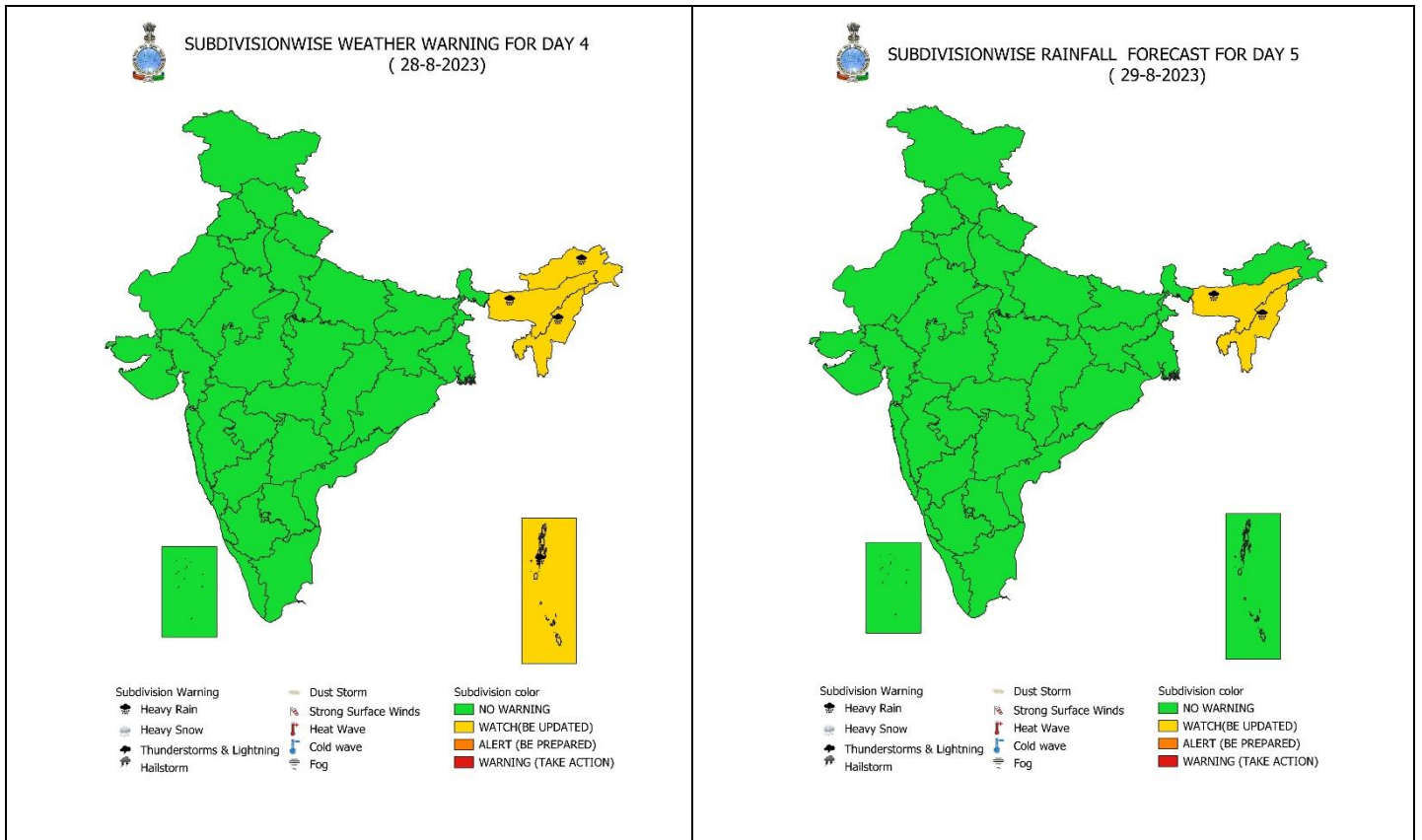


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|--|---|--|
| Subdivision Warning
Heavy Rain
Heavy Snow
Thunderstorms & Lightning
Hailstorm | Dust Storm
Strong Surface Winds
Heat Wave
Cold wave
Fog | Subdivision color
NO WARNING
WATCH (BE UPDATED)
ALERT (BE PREPARED)
WARNING (TAKE ACTION) |
|--|---|--|


SUBDIVISIONWISE WEATHER WARNING FOR DAY 3
 (27-8-2023)



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



Impact & Action Suggested due to very heavy/extremely heavy rainfall over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Bihar on 25th and over Assam & Meghalaya during 25th-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  Heavy Rain  Heavy Snow  Thunderstorms & Lightning  Hailstorm	 Dust Storm  Strong Surface Winds  Heat Wave  Cold wave  Fog	Subdivision color  NO WARNING  WATCH(BE UPDATED)  ALERT (BE PREPARED)  WARNING (TAKE ACTION)
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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)