



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

Press Release..

Date: 29th August, 2023

Time of Issue: 1230 hours IST

**Subject: i) Isolated heavy rainfall activity likely to continue over Andaman-Nicobar Islands, Northeast India and extreme south Peninsular India during next 5 days.
ii) A fresh rainfall spell likely over parts of East India from 02nd September, 2023.
iii) Subdued rainfall activity likely to continue over remaining parts of the country during next 4-5 days.**

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

Significant Weather features:

- ❖ The **Monsoon Trough** continues to run along the foothills of the Himalayas. It is likely to remain along the foothills of Himalayas or to the north of its normal position during next 5 days. Its eastern end is likely to shift southwards to its normal position from 2nd September, 2023.
- ❖ A **trough** runs from South Interior Karnataka to Comorin area in lower tropospheric levels.

Weather Forecast and Warnings: (Annexure II)

Northeast India: Light/moderate fairly widespread to widespread rainfall with isolated **heavy rainfall** activity very likely over Arunachal Pradesh on 29th; Assam & Meghalaya on 31st August to 02nd September and Nagaland, Manipur, Mizoram & Tripura during next 5 days.

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 29th & 31st and over Odisha on 02nd September.

Light/moderate fairly widespread to widespread rainfall/thunderstorm/lightning/gusty winds (30-40 gusting to 50 kmph) with isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 29th August - 02nd September, 2023.

Isolated very heavy rainfall very likely over Andaman & Nicobar Islands on 29th August, 01st & 02nd September, 2023.

South India: Light/moderate scattered **rainfall** with isolated **heavy rainfall** very likely over Tamil Nadu, Puducherry & Karaikal during 29th August-01st September and over Kerala during 29th -30th August, 2023.

Subdued rainfall activity likely over rest parts of the country during next 5 days.

Hot and Humid weather likely to prevail over Coastal Andhra Pradesh & Yanam and Rayalaseema

during next 2 days.

For more details kindly refer:

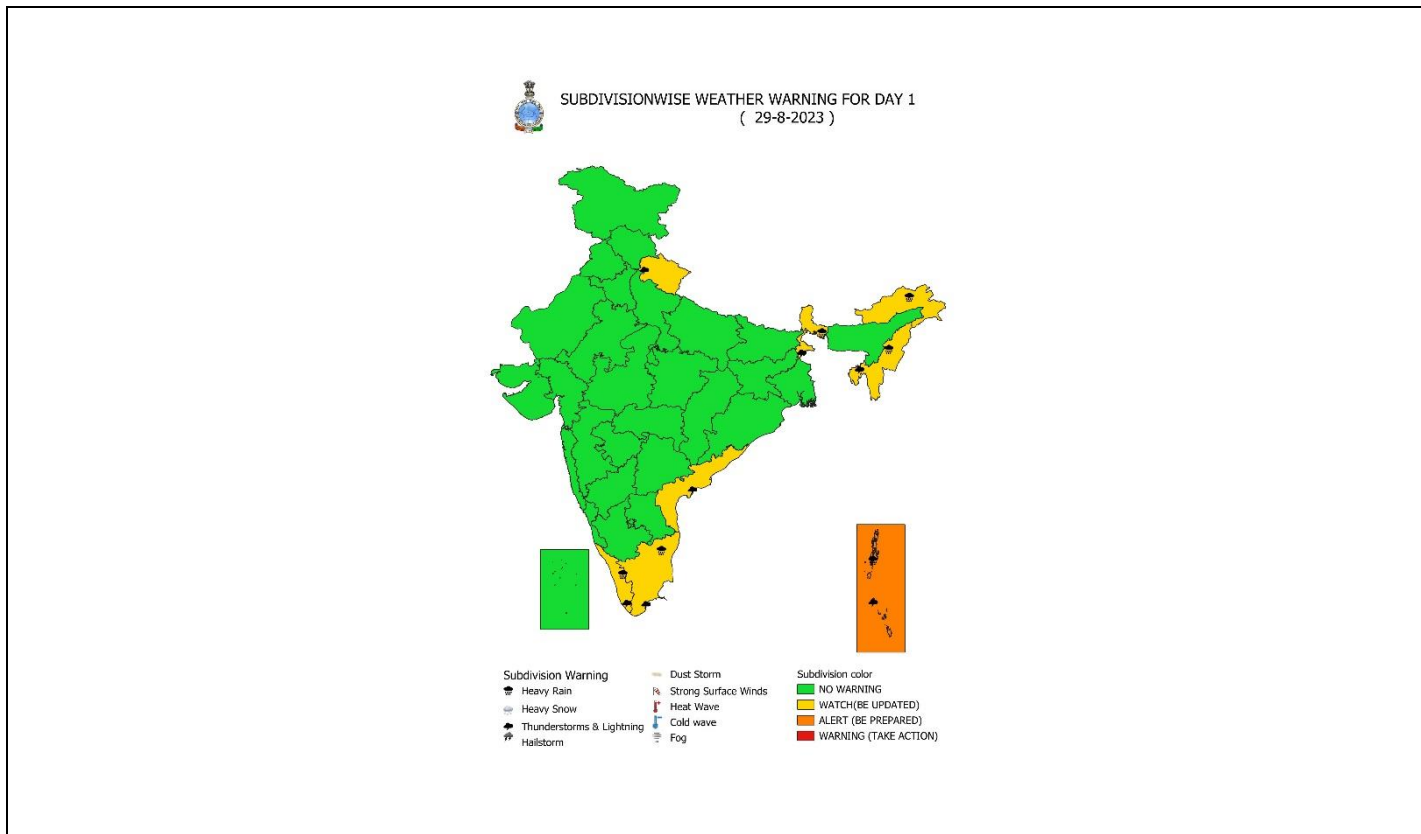
https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

Annexure I

Rainfall observations: (from 0830 hours IST of yesterday to 0830 hours IST of today, the 29th August, 2023):

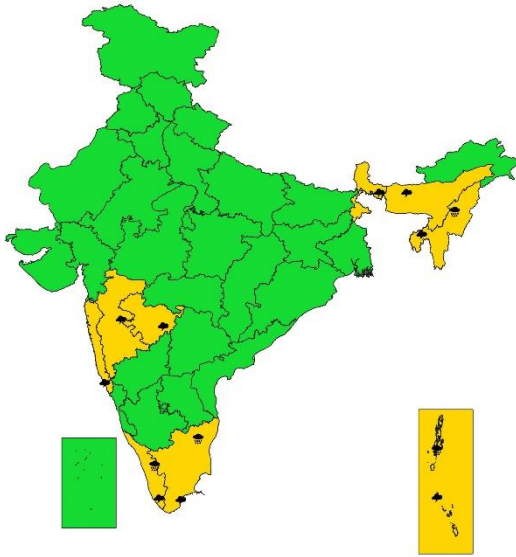
- **Extremely heavy rainfall occurred** at isolated places over Andaman & Nicobar Islands and **heavy rainfall** at isolated places over Sub-Himalayan West Bengal & Sikkim, Tamil Nadu, Puducherry & Karaikal, Kerala & Mahe.
- **Significant rainfall recorded (in cm):**
 - ✓ **Andaman & Nicobar Islands:** Long Island : 36, Maya Bundar : 14;
 - ✓ **Sub-Himalayan West Bengal & Sikkim:** Diana : 9, Alipurduar (P.T.O.), Kalimpong PTO : 7, Buxaduar, Champasari : 5, AMFU Kalimpong, Gazoledoba, Jalpaiguri, Nh – 31(Road Bridge), Hasimara, Matigara, Sankosh LRP : 4; Damthang : 6, Yuksom (ARG), Gyalsing (AAWS) : 4;
 - ✓ **Tamil Nadu, Puducherry & Karaikal:** Kodambakkam (dist Chennai) 7, Vanagaram (dist Chennai), Anna Nagar (dist Chennai), Ambathur (dist Tiruvallur) 6 each, Chennai Nungambakkam (dist Chennai), Puzhal Arg (dist Tiruvallur) 5;
 - ✓ **Kerala & Mahe:** Idukki (dist Idukki) 7, Ponnani (dist Malappuram) 6, Thycattussery Aws (dist Alapuzha) 6, Peermade To (dist Idukki) 4, Kumarakam (dist Kottayam) 4;
 - ✓ **Punjab:** Patiala (dist Patiala) 5, Amlah Arg (dist Fatehgarh Sahib) 5, Amlah (dist Fatehgarh Sahib) 5, Ludhiana (dist Ludhiana) 4, Patiala Aws (dist Patiala) 4;
 - ✓ **Haryana:** Ismailabad (dist Kurukshetra) 5;
 - ✓ **Lakshdweep:** Minicoy (dist Lakshadweep) 6, Amini (dist Lakshadweep) 5;
 - ✓ **Chhattisgarh:** Shankargarh (dist Balrampur) 3;
 - ✓ **Konkan & Goa:** Wakwali_agri (dist Ratnagiri) 4, Ratnagiri - Imd Obsy (dist Ratnagiri) 4;
 - ✓ **Madhya Maharashtra:** Mahabaleshwar- Imd Obsy (dist Satara) 3, Bhor (dist Pune) 3, Gaganbawada (dist Kolhapur) 3;

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





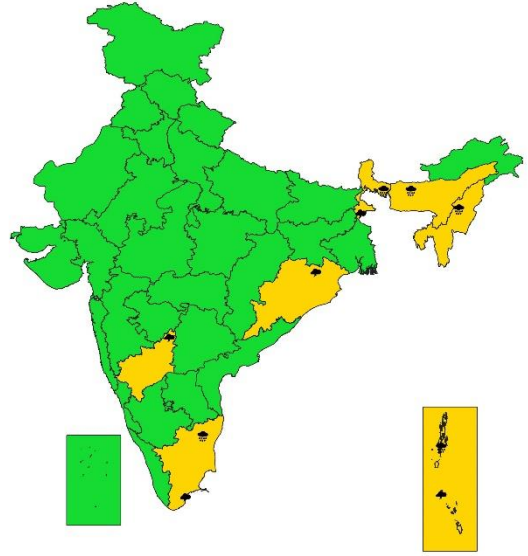
SUBDIVISIONWISE WEATHER WARNING FOR DAY 2 (30-8-2023)



- | | |
|-----------------------------|--------------------------|
| Subdivision Warning | Subdivision color |
| ☁ Heavy Rain | 🟢 NO WARNING |
| ❄ Heavy Snow | 🟡 WATCH(BE UPDATED) |
| ⚡ Thunderstorms & Lightning | 🟠 ALERT (BE PREPARED) |
| ⚡ Hailstorm | 🔴 WARNING (TAKE ACTION) |
| ☁ Dust Storm | |
| 🌪 Strong Surface Winds | |
| 🔥 Heat Wave | |
| ❄ Cold wave | |
| 🌫 Fog | |



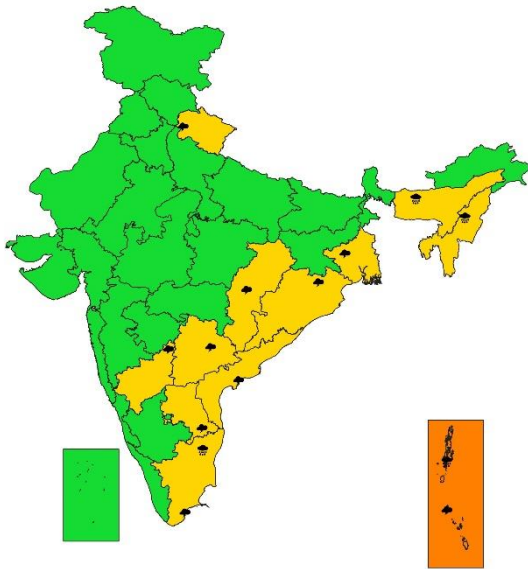
SUBDIVISIONWISE WEATHER WARNING FOR DAY 3 (31-8-2023)



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|-----------------------------|--------------------------|
| Subdivision Warning | Subdivision color |
| ☁ Heavy Rain | 🟢 NO WARNING |
| ❄ Heavy Snow | 🟡 WATCH(BE UPDATED) |
| ⚡ Thunderstorms & Lightning | 🟠 ALERT (BE PREPARED) |
| ⚡ Hailstorm | 🔴 WARNING (TAKE ACTION) |
| ☁ Dust Storm | |
| 🌪 Strong Surface Winds | |
| 🔥 Heat Wave | |
| ❄ Cold wave | |
| 🌫 Fog | |



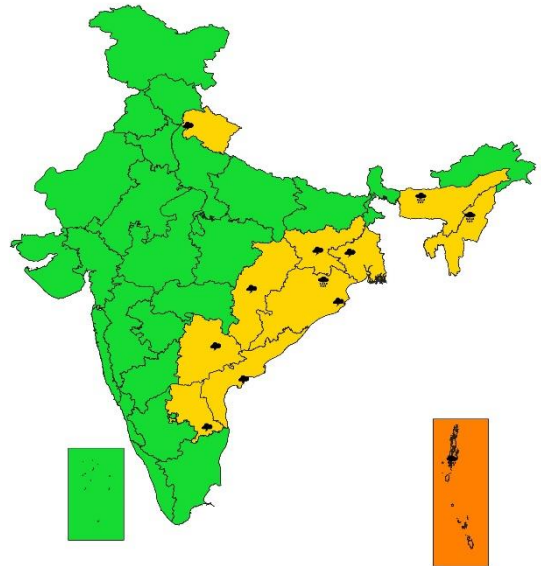
SUBDIVISIONWISE WEATHER WARNING FOR DAY 4 (1-9-2023)



- | | |
|-----------------------------|--------------------------|
| Subdivision Warning | Subdivision color |
| ☁ Heavy Rain | 🟢 NO WARNING |
| ❄ Heavy Snow | 🟡 WATCH(BE UPDATED) |
| ⚡ Thunderstorms & Lightning | 🟠 ALERT (BE PREPARED) |
| ⚡ Hailstorm | 🔴 WARNING (TAKE ACTION) |
| ☁ Dust Storm | |
| 🌪 Strong Surface Winds | |
| 🔥 Heat Wave | |
| ❄ Cold wave | |
| 🌫 Fog | |



SUBDIVISIONWISE RAINFALL FORECAST FOR DAY 5 (2-9-2023)











- | | |
|-----------------------------|--------------------------|
| Subdivision Warning | Subdivision color |
| ☁ Heavy Rain | 🟢 NO WARNING |
| ❄ Heavy Snow | 🟡 WATCH(BE UPDATED) |
| ⚡ Thunderstorms & Lightning | 🟠 ALERT (BE PREPARED) |
| ⚡ Hailstorm | 🔴 WARNING (TAKE ACTION) |
| ☁ Dust Storm | |
| 🌪 Strong Surface Winds | |
| 🔥 Heat Wave | |
| ❄ Cold wave | |
| 🌫 Fog | |

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)