



Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release

Date: 08<sup>th</sup> March, 2024

Time of Issue: 1215 hours IST

**Subject: Light/moderate scattered to fairly widespread rainfall/snowfall likely over Western Himalayan Region from 11<sup>th</sup> to 14<sup>th</sup> and isolated to scattered rainfall over adjoining plains on 12<sup>th</sup> to 14<sup>th</sup> March, 2024.**

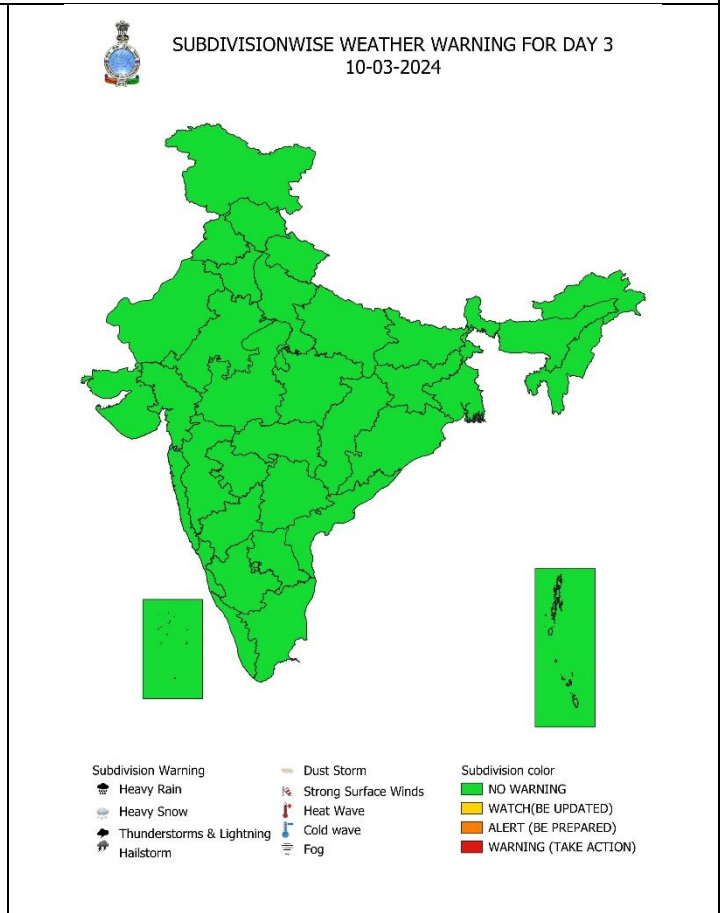
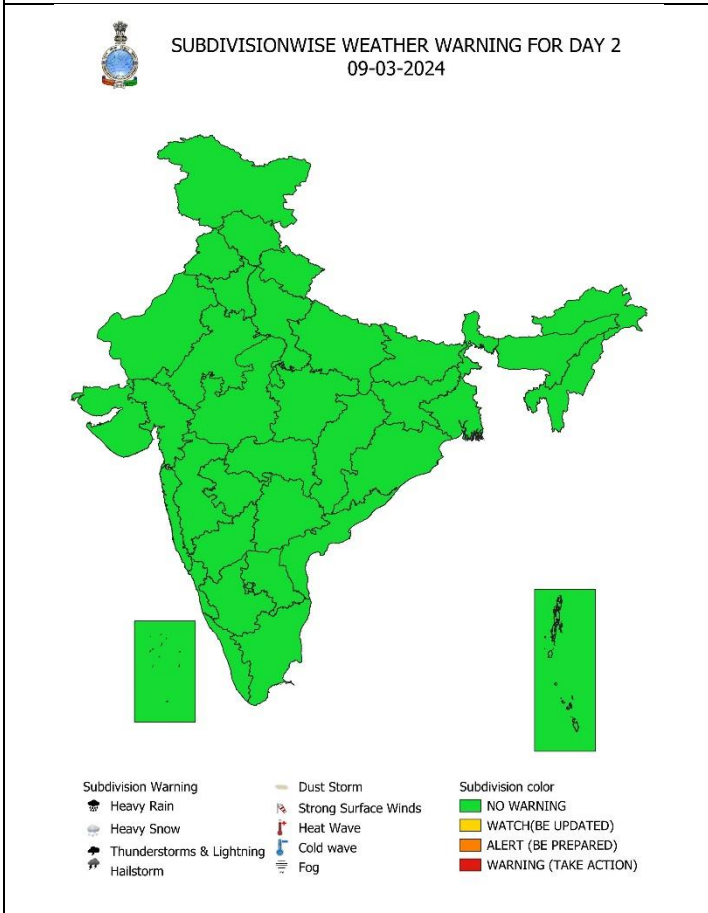
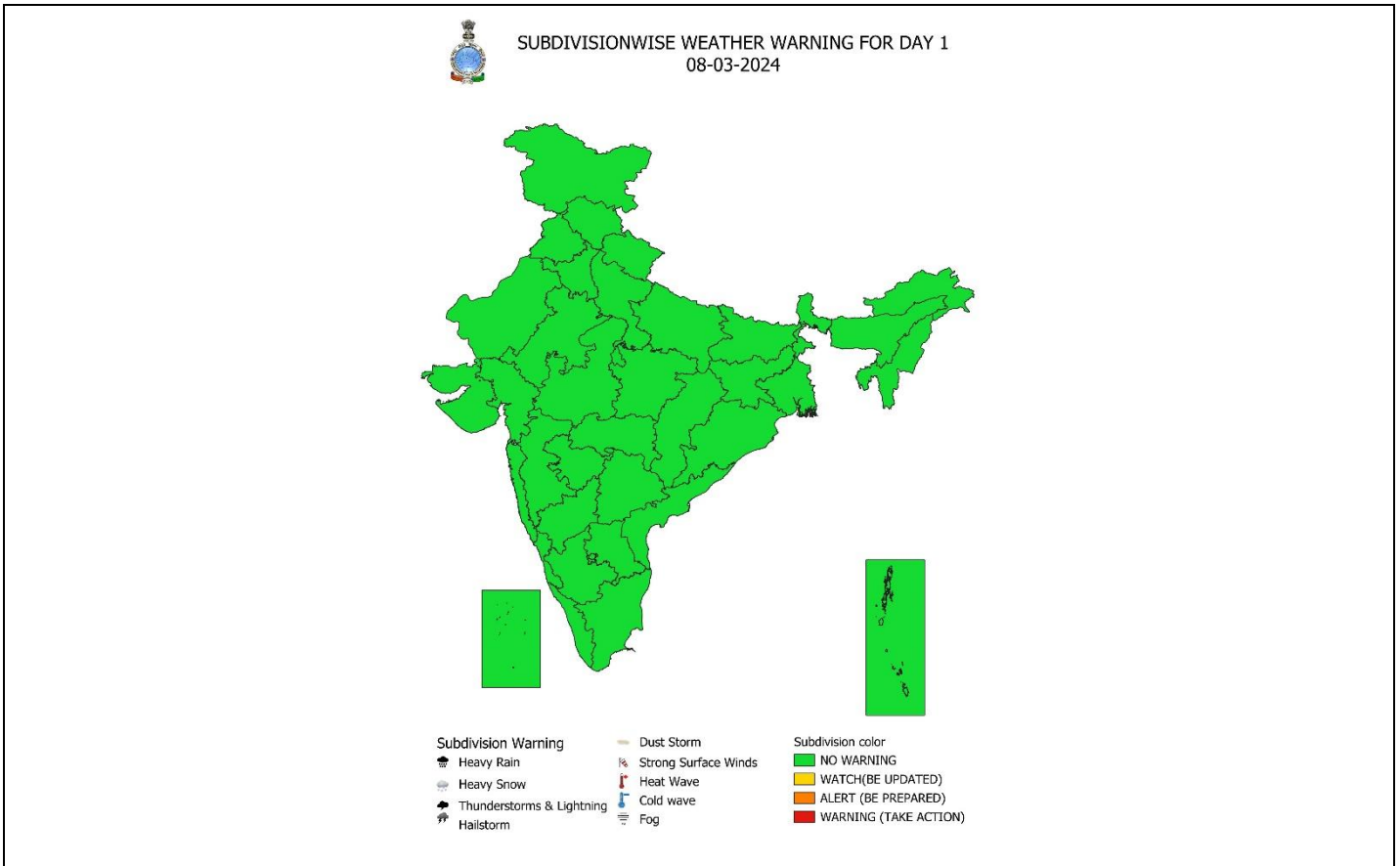
**Realised weather during past 24 hours till 0830 hours IST of today:**

- ❖ **Light to moderate rainfall/snowfall** at a few places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Arunachal Pradesh; at isolated places over Himachal Pradesh and Uttarakhand.
- ❖ **Light rainfall** at isolated places over Punjab, Jharkhand, Odisha, West Bengal & Sikkim and Kerala.

**Weather Systems and Forecast & Warnings during next 5 days: (Annexure I)**

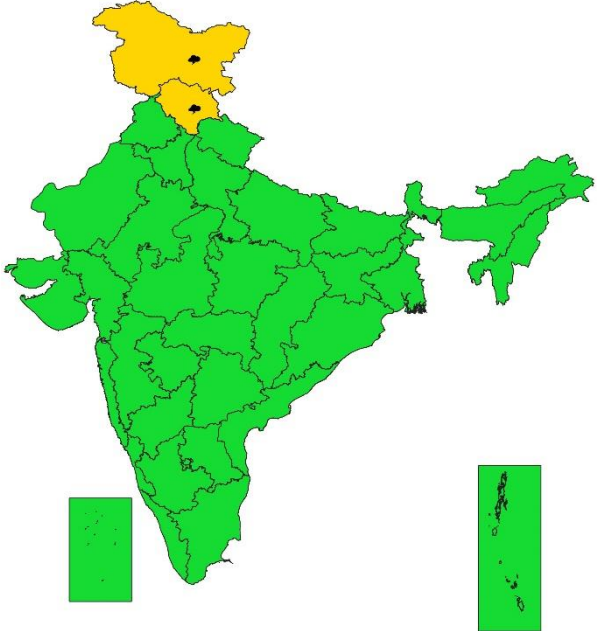
- ❖ Two Western Disturbances in quick succession likely to affect northwest India, 1<sup>st</sup> from the night of 10<sup>th</sup> March and 2<sup>nd</sup> from the night of 12<sup>th</sup> March. Under the influence of these systems;
  - ✓ Isolated light/moderate rainfall/snowfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh on 10<sup>th</sup>; Scattered to fairly widespread light/moderate rainfall/snowfall with isolated thunderstorms, lightning likely over the region during 11<sup>th</sup>-14<sup>th</sup> March, 2024.
  - ✓ Isolated light/moderate rainfall/snowfall likely over Uttarakhand during 11<sup>th</sup>-14<sup>th</sup> March, 2024.
  - ✓ Isolated to scattered rainfall very likely over Punjab during 12<sup>th</sup>-14<sup>th</sup>; over Haryana, West Uttar Pradesh on 13<sup>th</sup> & 14<sup>th</sup> March, 2024.
- ❖ **Strong surface winds (25-35 kmph)** very likely to prevail over plains of Northwest India except south Rajasthan on 08<sup>th</sup> & 09<sup>th</sup> March, 2024.
- ❖ Isolated rainfall very likely over Odisha during 08<sup>th</sup>-10<sup>th</sup> and Sub-Himalayan West Bengal & Sikkim on 08<sup>th</sup> & 09<sup>th</sup> March, 2024.
- ❖ A trough in westerlies runs roughly along Long. 92°E to the north of Lat. 25°N in lower tropospheric levels. Under its influence; scattered light/moderate rainfall/snowfall very likely over Arunachal Pradesh on 08<sup>th</sup> March and isolated light rainfall/snowfall during subsequent 6 days. Isolated light rainfall very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 13<sup>th</sup> & 14<sup>th</sup> March, 2024.
- ❖ **Hot and humid weather** very likely to prevail over Rayalaseema, Tamil Nadu, Puducherry & Karaikal and Kerala during next 3 days. Day temperatures likely to be above normal by 2-3°C.

For more details, kindly refer: [https://mausam.imd.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php)





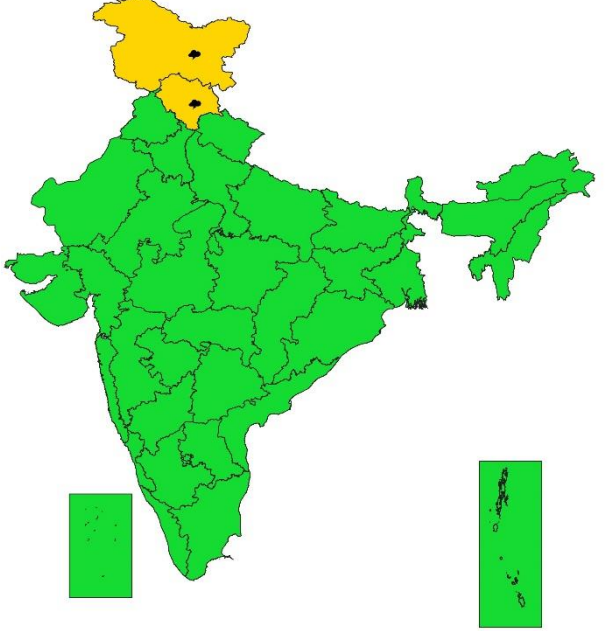
**SUBDIVISIONWISE WEATHER WARNING FOR DAY 4**  
11-03-2024



- |                             |                         |                          |
|-----------------------------|-------------------------|--------------------------|
| <b>Subdivision Warning</b>  | <b>Dust Storm</b>       | <b>Subdivision color</b> |
| ☁️ 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)  |



**SUBDIVISIONWISE WEATHER WARNING FOR DAY-5**  
12-03-2024















- |                             |                         |                          |
|-----------------------------|-------------------------|--------------------------|
| <b>Subdivision Warning</b>  | <b>Dust Storm</b>       | <b>Subdivision color</b> |
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## Legends & abbreviations:

- ❖ **Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; **AWS:** Automatic Weather Station; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation; **PTO:** Part Time Office.
- ❖ **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-Himalayan 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.

<b>SPATIAL DISTRIBUTION</b> (% 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)

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