

Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release

Date: 05<sup>th</sup> March, 2024

Time of Issue: 1230 hours IST

**Subject: Mainly dry weather over most parts of the country during next 5 days except over Western Himalayan region, where isolated to scattered light/moderate rainfall/snowfall likely during night of 05<sup>th</sup>-07<sup>th</sup> March, 2024.**

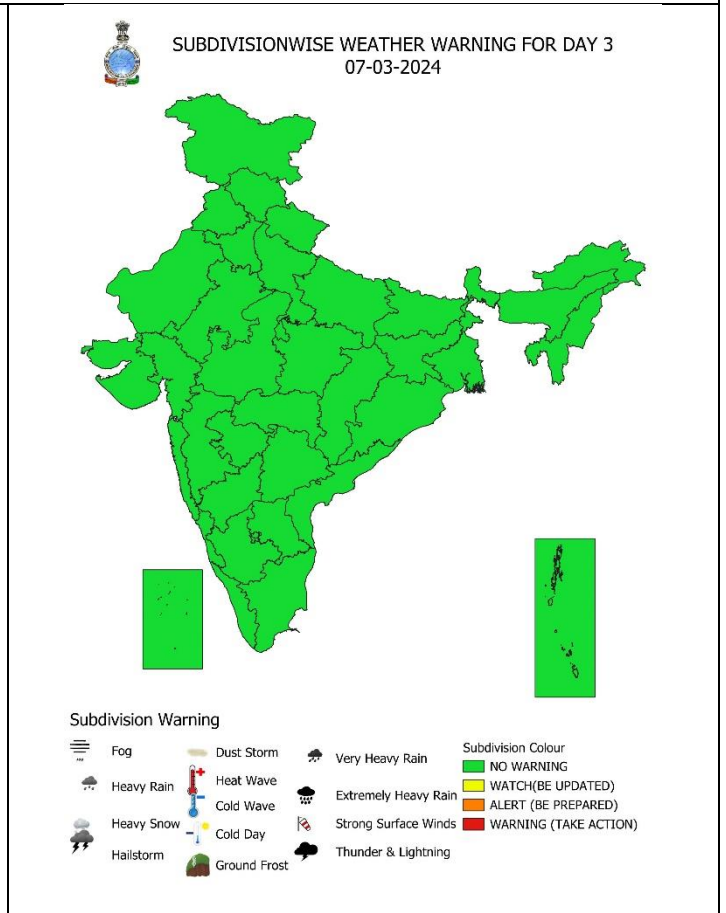
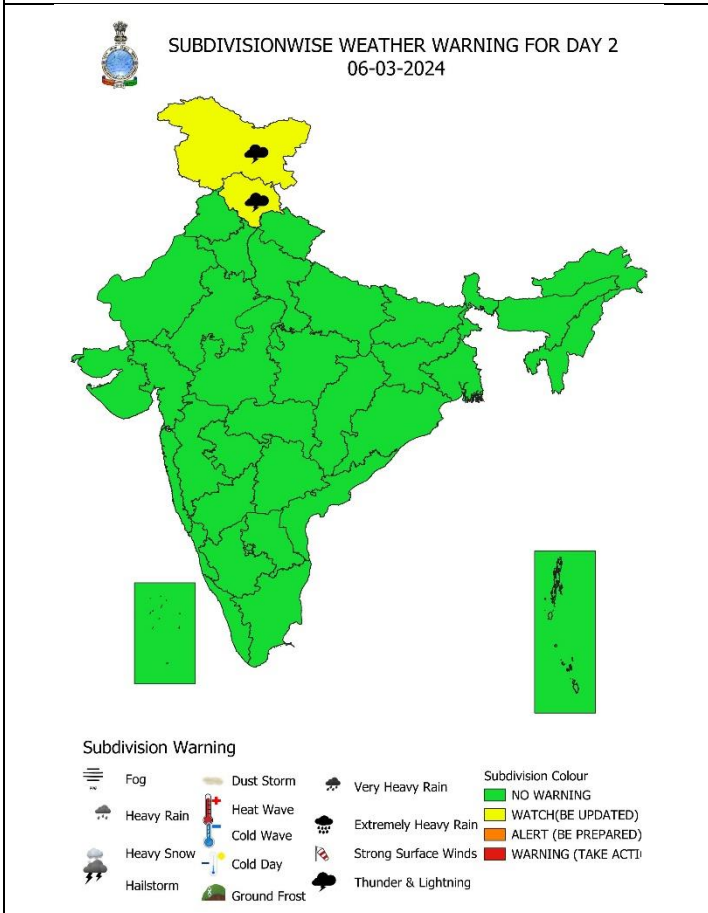
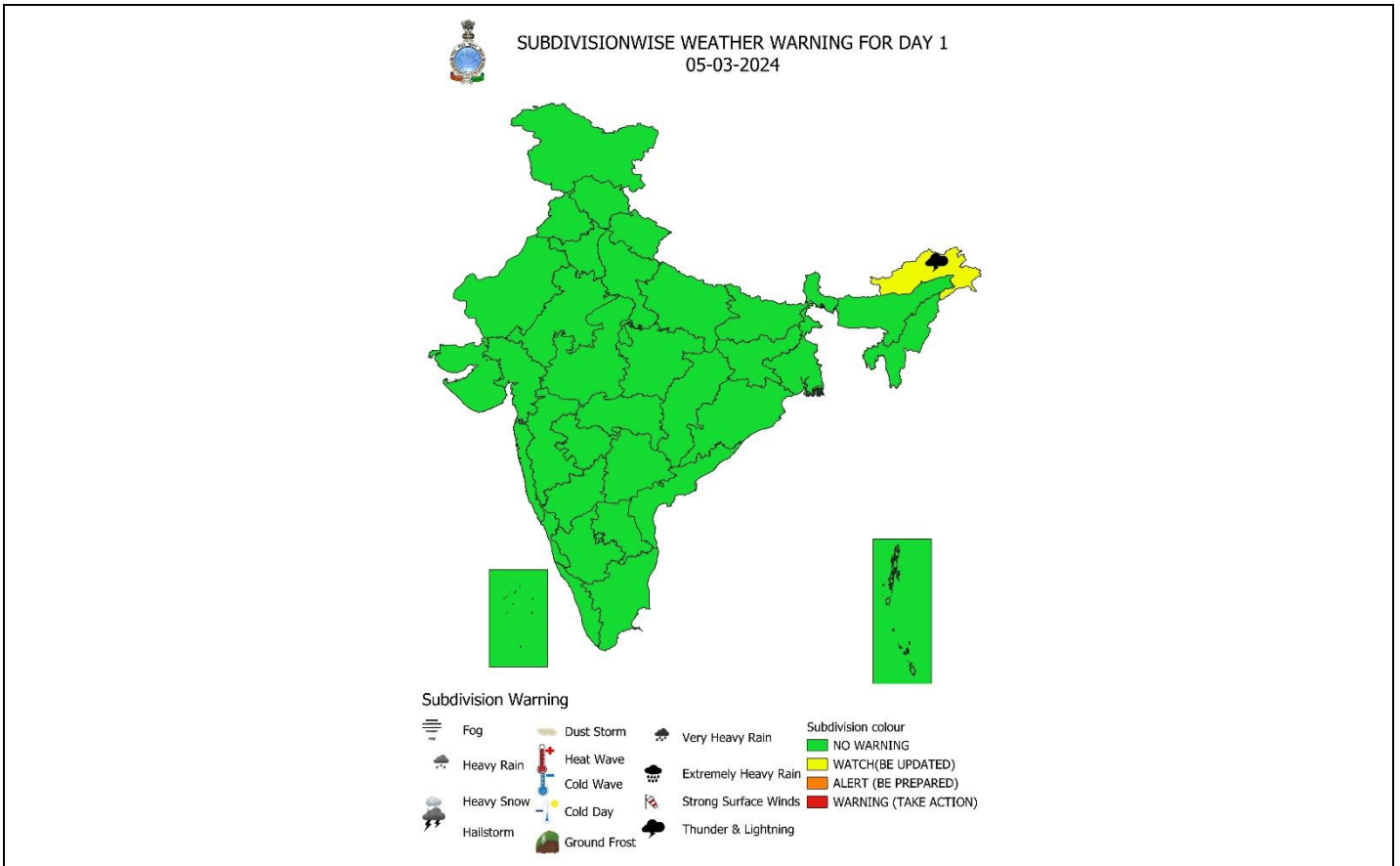
**Realised weather during past 24 hours till 0830 hours IST of today:**

- ❖ **Light to moderate rainfall/snowfall** at most places over Arunachal Pradesh and at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand.
- ❖ **Light to moderate rainfall** at many places over Gangetic West Bengal; at isolated places over East Madhya Pradesh, Chhattisgarh, Jharkhand, Sub-Himalayan West Bengal & Sikkim, Odisha, Andaman & Nicobar Islands, Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura, Telangana and Kerala.

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

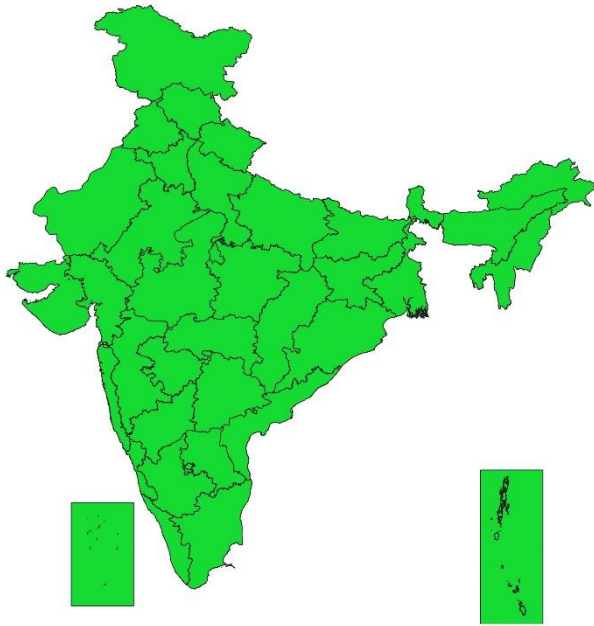
- ❖ A fresh Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 56°E to the north of Lat. 32°N. Under its influence; isolated to scattered light/moderate rainfall/snowfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and isolated rainfall/snowfall likely over Uttarakhand during 05<sup>th</sup>-07<sup>th</sup> March, 2024.
- ❖ A cyclonic circulation lies over interior Odisha & neighbourhood in lower tropospheric levels. Under its influence; isolated rainfall likely over Odisha during 05<sup>th</sup>-08<sup>th</sup>; over Sub-Himalayan West Bengal & Sikkim during 07<sup>th</sup>-09<sup>th</sup> March, 2024.
- ❖ A trough in westerlies in lower tropospheric levels runs roughly along Long. 93°E to the north of Lat. 25°N. Under its influence and eastward movement of current Western Disturbance:
  - ✓ Isolated to scattered light/moderate rainfall/snowfall very likely over Arunachal Pradesh during next 7 days.
  - ✓ Isolated rainfall likely over Assam & Meghalaya on 05<sup>th</sup> March, 2024.
- ❖ **Hot and humid weather** very likely to prevail over Rayalaseema, Tamil Nadu and Kerala during next 2 days.

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**  
08-03-2024

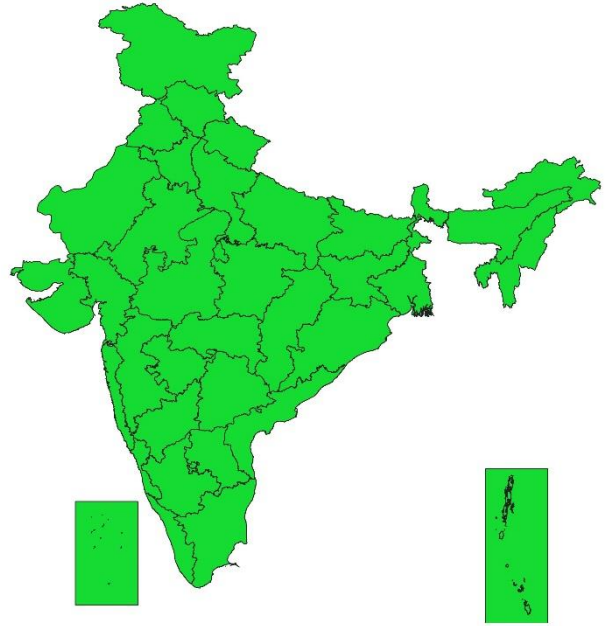


**Subdivision Warning**

- |            |              |                      |                           |
|------------|--------------|----------------------|---------------------------|
| Fog        | Dust Storm   | Very Heavy Rain      | <b>Subdivision Colour</b> |
| Heavy Rain | Heat Wave    | Extremely Heavy Rain | NO WARNING                |
| Heavy Snow | Cold Wave    | Strong Surface Winds | WATCH (BE UPDATED)        |
| Hailstorm  | Cold Day     | Thunder & Lightning  | ALERT (BE PREPARED)       |
|            | Ground Frost |                      | WARNING (TAKE ACTION)     |



**SUBDIVISIONWISE WEATHER WARNING FOR DAY 5**  
09-03-2024
















**Subdivision Warning**

- |            |              |                      |                           |
|------------|--------------|----------------------|---------------------------|
| Fog        | Dust Storm   | Very Heavy Rain      | <b>Subdivision Colour</b> |
| Heavy Rain | Heat Wave    | Extremely Heavy Rain | NO WARNING                |
| Heavy Snow | Cold Wave    | Strong Surface Winds | WATCH (BE UPDATED)        |
| Hailstorm  | Cold Day     | Thunder & Lightning  | ALERT (BE PREPARED)       |
|            | Ground Frost |                      | WARNING (TAKE ACTION)     |

## 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

<b>Flash Flood Risk</b>	
	High Risk (Take Action)
	Moderate Risk (Be Prepared)
	Low Risk (Be Updated)