



Government of India  
Ministry of Earth Sciences  
India Meteorological Department



Press Release

Date: 09<sup>th</sup> March, 2024

Time of Issue: 1200 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 13<sup>th</sup> March, 2024.**

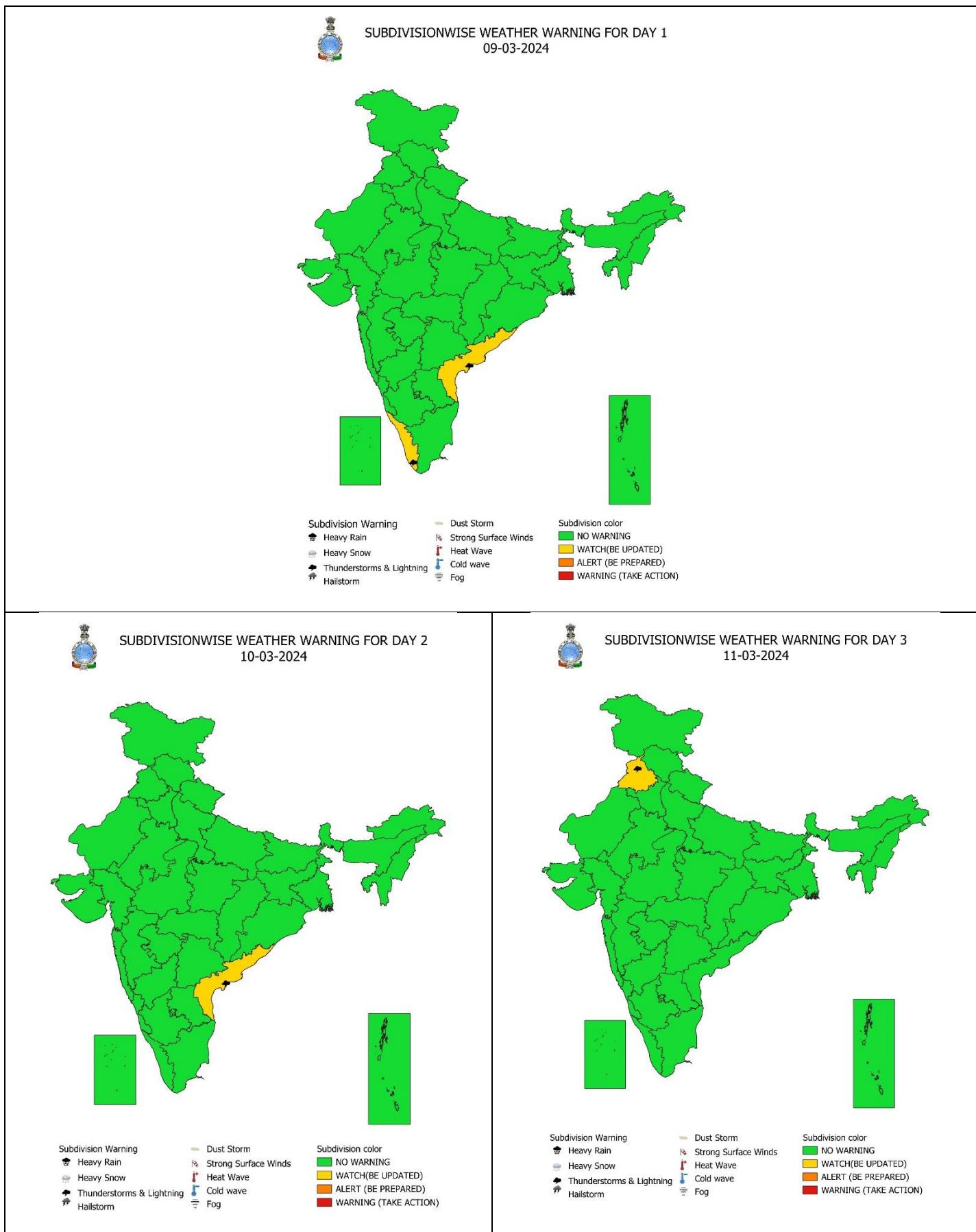
**Realised weather during past 24 hours till 0830 hours IST of today:**

- ❖ **Light rainfall/snowfall** at a few places over Arunachal Pradesh.
- ❖ **Light/moderate rainfall** at isolated places over Sub-Himalayan West Bengal & Sikkim, Odisha, Coastal Andhra Pradesh & Yanam and Kerala & Mahe.

**Weather Systems and Forecast & Warnings: (Annexure I)**

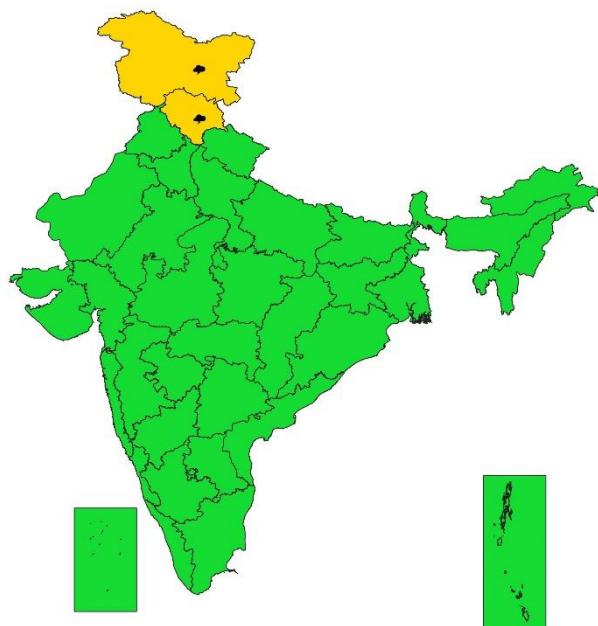
- ❖ A fresh Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 50°E to the north of Lat. 28°N. Another fresh Western Disturbance likely to affect Northwest India from 12<sup>th</sup> March, 2024. Under the influence of these systems:
  - ✓ Isolated to scattered light/moderate rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Himachal Pradesh during 10<sup>th</sup>-12<sup>th</sup> & 14<sup>th</sup> and **widespread light/moderate rainfall/snowfall on 13<sup>th</sup> March, 2024. Isolated thunderstorm & lightning also likely over the region on 12<sup>th</sup> & 13<sup>th</sup> March, 2024.**
  - ✓ Isolated light/moderate rainfall/snowfall very likely over Uttarakhand on 11<sup>th</sup> & 12<sup>th</sup> and scattered to fairly widespread light/moderate rainfall/snowfall on 13<sup>th</sup> & 14<sup>th</sup> with isolated thunderstorm & lightning on 13<sup>th</sup> March, 2024.
  - ✓ Isolated to scattered rainfall very likely over Punjab during 11<sup>th</sup>-14<sup>th</sup> and over Haryana, Uttar Pradesh & Rajasthan on 13<sup>th</sup> March, 2024. Isolated thunderstorm & lightning also likely over Punjab on 11<sup>th</sup> & 13<sup>th</sup> and over Haryana on 13<sup>th</sup> March, 2024.
- ❖ **Strong surface winds (25-35 kmph)** very likely to prevail over Uttar Pradesh on 09<sup>th</sup> March, 2024.
- ❖ Isolated rainfall very likely over Odisha and Sub-Himalayan West Bengal & Sikkim on 09<sup>th</sup> March, 2024.
- ❖ A trough in westerlies runs roughly along Long. 93°E to the north of Lat. 26°N in lower tropospheric levels. Isolated light rainfall/snowfall very likely over Arunachal Pradesh during 09<sup>th</sup>-13<sup>th</sup> and scattered light rainfall/snowfall on 14<sup>th</sup> & 15<sup>th</sup> March, 2024. Isolated light rainfall very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 13<sup>th</sup> & 14<sup>th</sup> March, 2024.
- ❖ Isolated rainfall very likely over Kerala & Mahe during 09<sup>th</sup>-11<sup>th</sup> and over north Coastal Andhra Pradesh on 09<sup>th</sup> & 10<sup>th</sup> March, 2024.
- ❖ **Hot and humid weather** very likely to prevail over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during next 3 days and Kerala & Mahe during next 2 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\\_forcast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php)





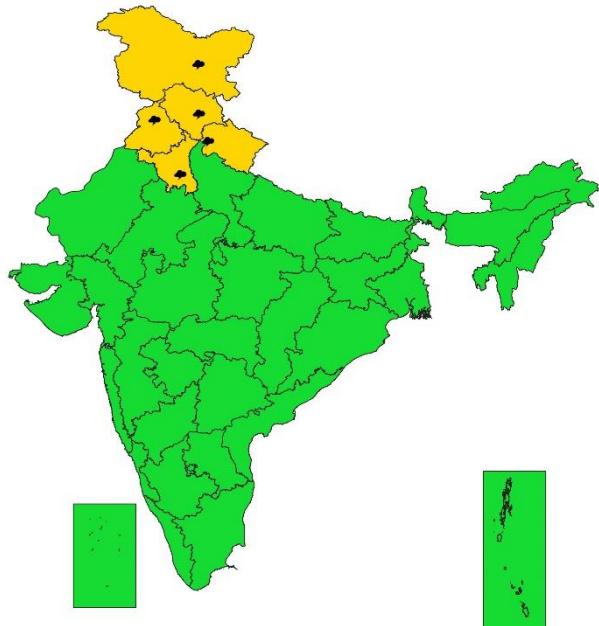
SUBDIVISIONWISE WEATHER WARNING FOR DAY 4  
12-03-2024



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)



SUBDIVISIONWISE WEATHER WARNING FOR DAY-5  
13-03-2024



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)

## 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.

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 Widespred (FWS/ Many Places)	1-25	Isolated (ISOL)

Subdivision Warning	Dust Storm	Subdivision color
Heavy Rain	Strong Surface Winds	NO WARNING
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Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75