



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 07th March, 2024

Time of Issue: 1200 hours IST

Subject: Light/moderate scattered to fairly widespread rainfall/snowfall likely over Western Himalayan Region from 11th to 13th and light rainfall over adjoining plains on 12th & 13th March, 2024.

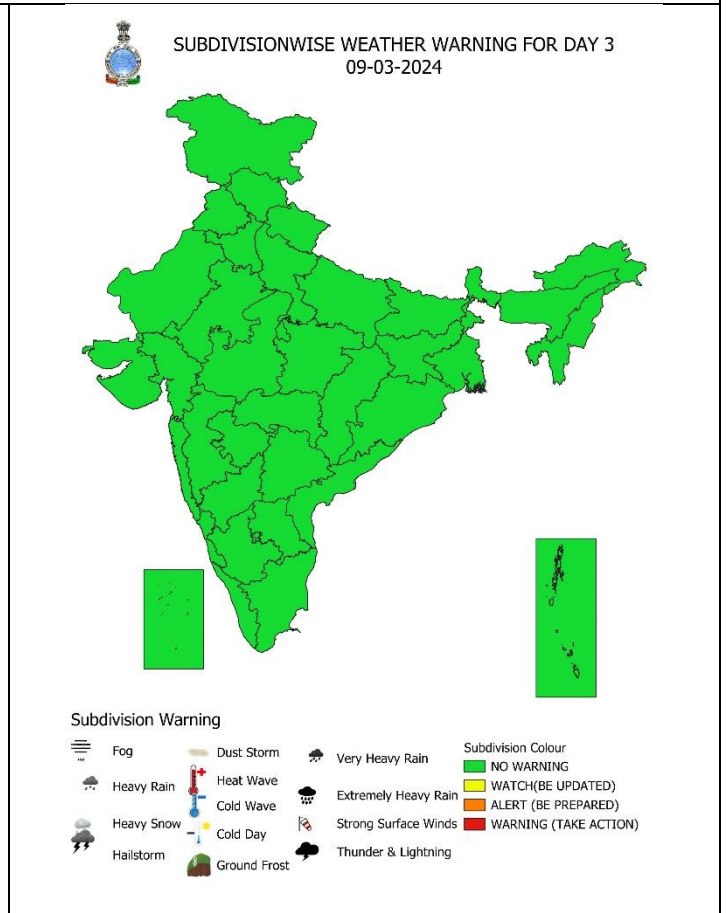
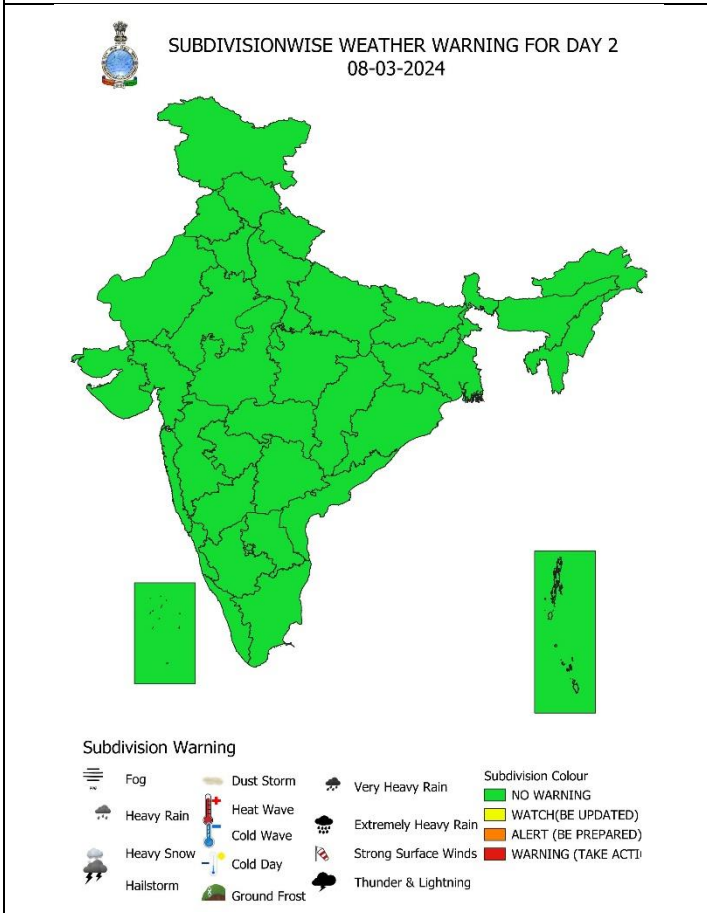
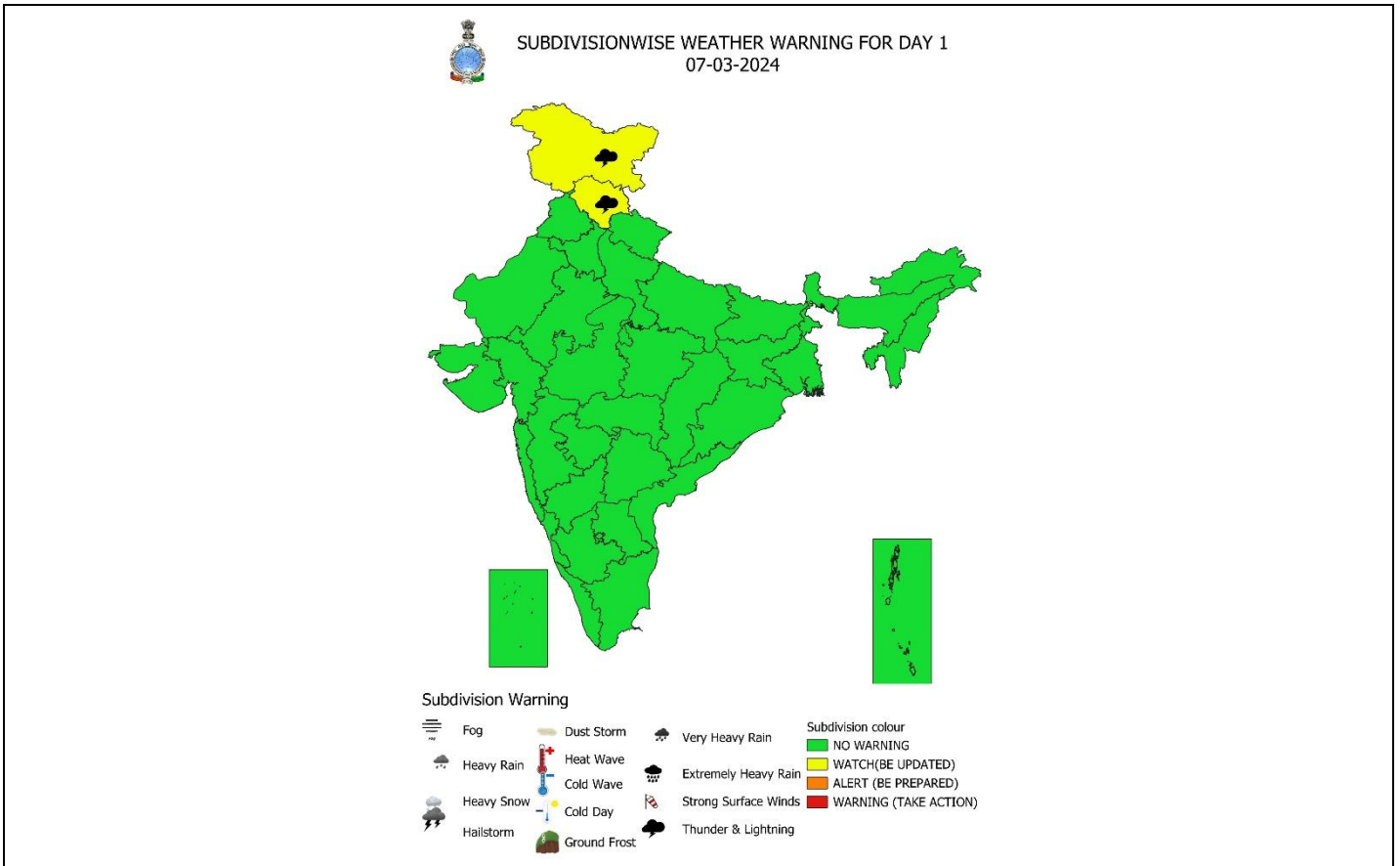
Realised weather during past 24 hours till 0830 hours IST of today:

- ❖ **Light to moderate rainfall/snowfall** at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Uttarakhand and Arunachal Pradesh.
- ❖ **Light rainfall** at isolated places over Punjab, West Uttar Pradesh, East Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, Odisha and West Bengal & Sikkim.

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

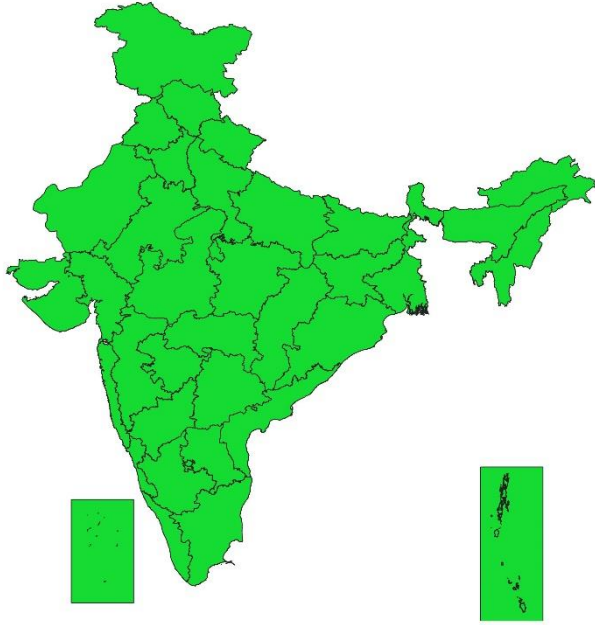
- ❖ A Western Disturbance seen as a cyclonic circulation over north Pakistan with trough aloft roughly along Long. 67°E to the north of Lat. 30°N. An induced cyclonic circulation lies over southwest Rajasthan & adjoining Pakistan in lower tropospheric levels. Under its influence scattered light/moderate rainfall/snowfall accompanied with **thunderstorms, lightning** very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and isolated rainfall/snowfall very likely over Uttarakhand on 07th March, 2024. Isolated rainfall very likely over Punjab on 07th March, 2024.
- ❖ **Strong surface winds (25-35 kmph)** very likely to prevail over plains of Northwest India except south Rajasthan on 09th & 10th March, 2024.
- ❖ A cyclonic circulation lies over south Odisha in lower tropospheric levels. Under its influence; isolated rainfall very likely over Odisha, Sub-Himalayan West Bengal & Sikkim during 07th-09th; over Gangetic West Bengal, Jharkhand and Chhattisgarh on 07th March, 2024.
- ❖ Scattered light/moderate rainfall/snowfall very likely over Arunachal Pradesh on 07th March and isolated light rainfall/snowfall during subsequent 6 days.
- ❖ Two Western Disturbances in quick succession likely to affect northwest India, 1st from the night of 10th March and 2nd from the night of 12th March. Under the influence of these systems;
 - ✓ 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 10th -12th March and Scattered to fairly widespread light/moderate rainfall/snowfall with isolated thunderstorms, lightning likely over the region on 13th & 14th March, 2024.
 - ✓ Isolated to scattered rainfall very likely over Punjab on 12th & 13th; over Haryana, West Uttar Pradesh on 13th March, 2024.
- ❖ **Hot and humid weather** very likely to prevail over Rayalaseema and Kerala on 07th March, 2024.

For more details, kindly refer: https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php





SUBDIVISIONWISE WEATHER WARNING FOR DAY 4
10-03-2024

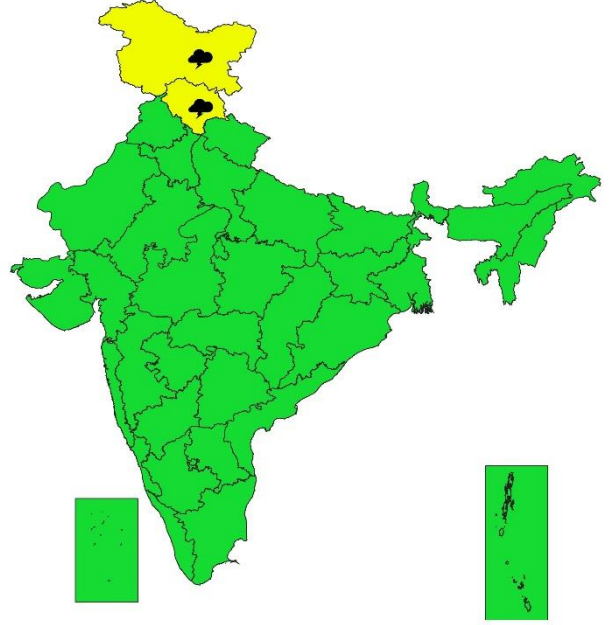


Subdivision Warning

- | | | | |
|------------|--------------|----------------------|---------------------------|
| Fog | Dust Storm | Very Heavy Rain | Subdivision Colour |
| 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
11-03-2024















Subdivision Warning

- | | | | |
|------------|--------------|----------------------|---------------------------|
| Fog | Dust Storm | Very Heavy Rain | Subdivision Colour |
| 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.

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