

Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 10th March, 2024

Time of Issue: 1230 hours IST

Subject: Light/moderate scattered to fairly widespread rainfall/snowfall likely over Western Himalayan Region from 11th to 14th with peak intensity on 13th and isolated to scattered rainfall over adjoining plains on 13th March, 2024.

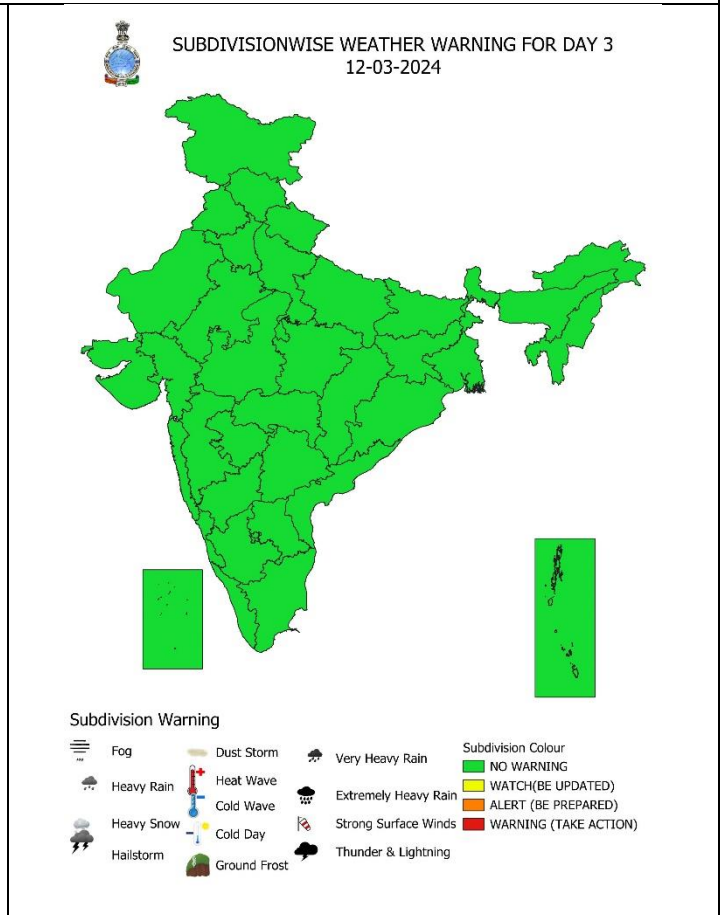
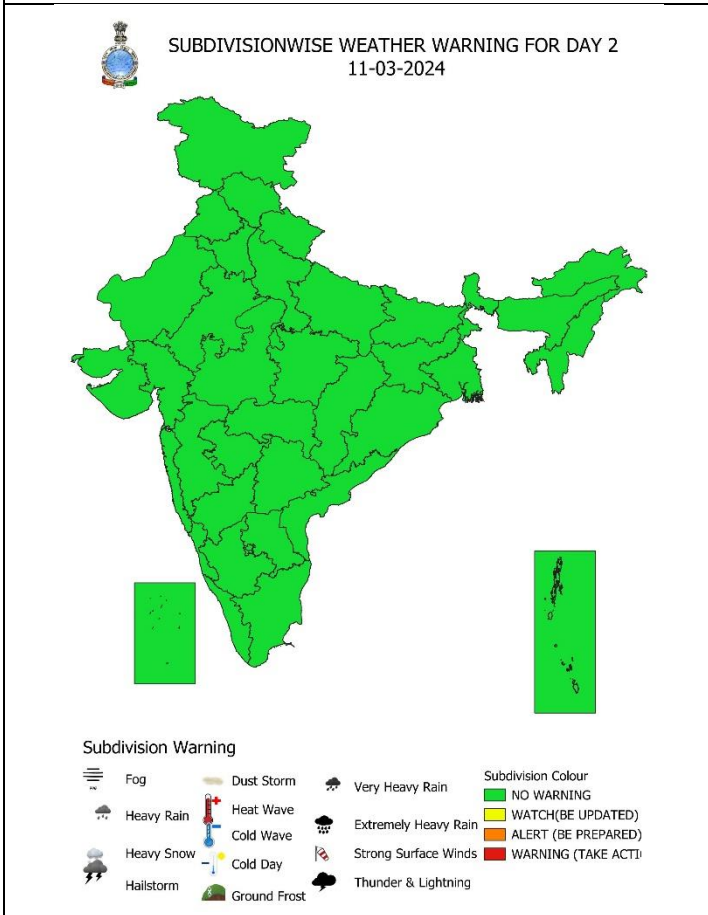
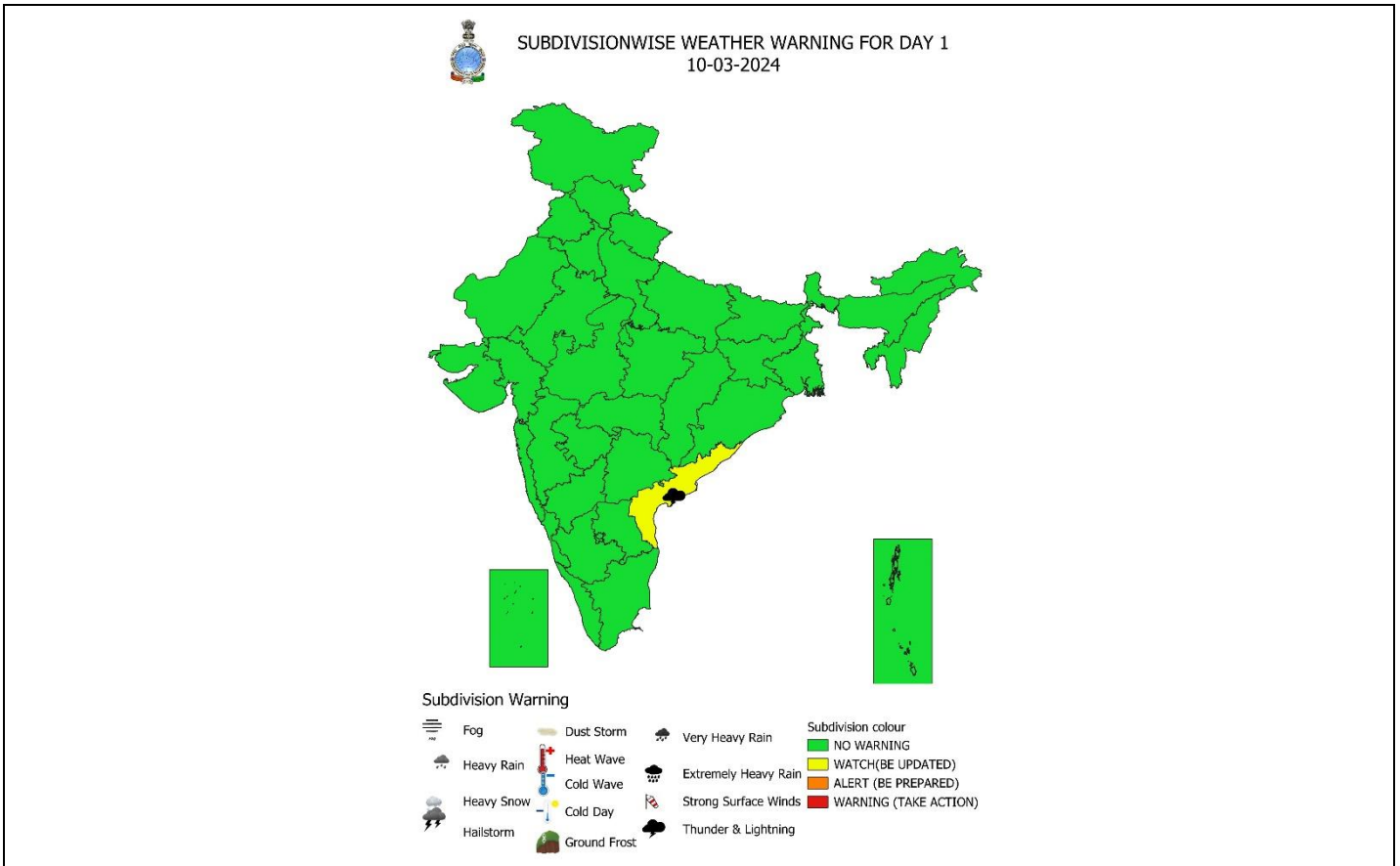
Realised weather during past 24 hours till 0830 hours IST of today:

- ❖ **Light rainfall/snowfall** at isolated 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)

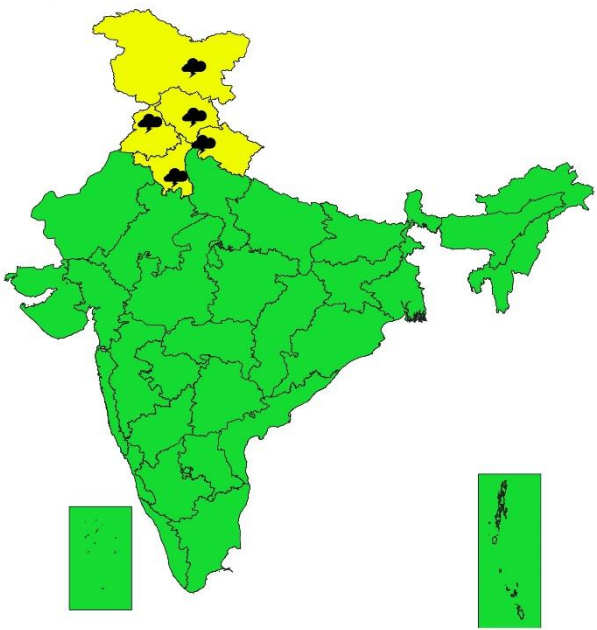
- ❖ The Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 56°E to the north of Lat. 30°N. Another fresh Western Disturbance likely to affect Northwest India from 12th March, 2024. Under the influence of these systems:
 - ✓ Isolated to scattered light/moderate rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand during 10th-12th and **fairly widespread to widespread light/moderate rainfall/snowfall on 13th March, 2024 and reduction in distribution and intensity thereafter.**
 - ✓ **Isolated thunderstorm & lightning also likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 13th; over Himachal Pradesh and Uttarakhand on 13th & 14th March, 2024.**
 - ✓ Isolated to scattered light to moderate rainfall very likely over Punjab, Haryana, Chandigarh, West Uttar Pradesh & Rajasthan on 13th March, 2024. Isolated thunderstorm accompanied with lightning and gusty winds (30-40 kmph) also likely over Punjab, Haryana & Chandigarh on 13th March, 2024.
- ❖ Isolated light rainfall very likely over Sub-Himalayan West Bengal & Sikkim during 10th -14th; over Odisha on 10th, 14th-16th; over Jharkhand, East Madhya Pradesh, Vidarbha and Chhattisgarh on 16th March, 2024.
- ❖ Isolated to scattered light/moderate rainfall accompanied with thunderstorm & lightning also very likely over Gangetic West Bengal during 14th - 16th March, 2024.
- ❖ Isolated to scattered light/moderate rainfall/snowfall very likely over Arunachal Pradesh during next 7 days. Isolated light rainfall very likely over Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura on 13th & 14th March, 2024.
- ❖ Isolated light/moderate rainfall very likely over Kerala & Mahe on 10th & 11th and with **thunderstorm & lightning** over north Coastal Andhra Pradesh on 10th 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.

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





SUBDIVISIONWISE WEATHER WARNING FOR DAY 4
13-03-2024

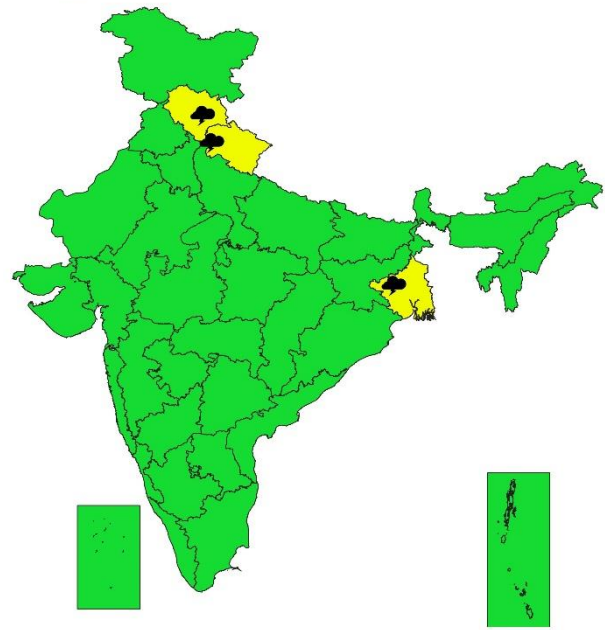


Subdivision Warning

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
14-03-2024















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