



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 11th March, 2024

Time of Issue: 1215 hours IST

Subject: Light/moderate rainfall/snowfall likely over Western Himalayan Region during 11th to 14th with peak intensity on 13th March, 2024.

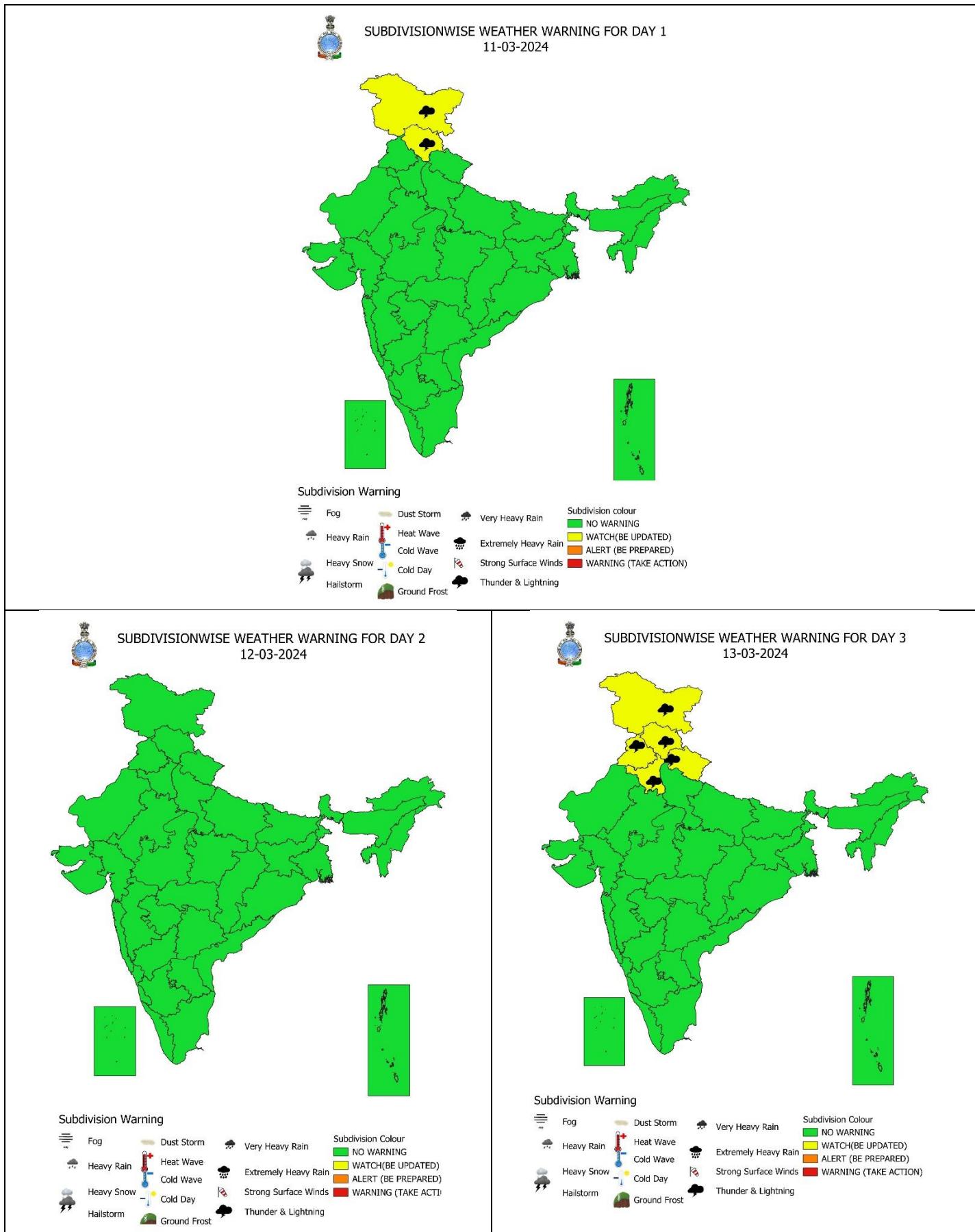
Realised weather during past 24 hours till 0830 hours IST of today:

- ❖ **Light rainfall/snowfall** at isolated places over Arunachal Pradesh and Himachal Pradesh.
- ❖ **Light rainfall** at isolated places over West Uttar Pradesh and Coastal Andhra Pradesh & Yanam.

Weather Systems and Forecast & Warnings: (Annexure I)

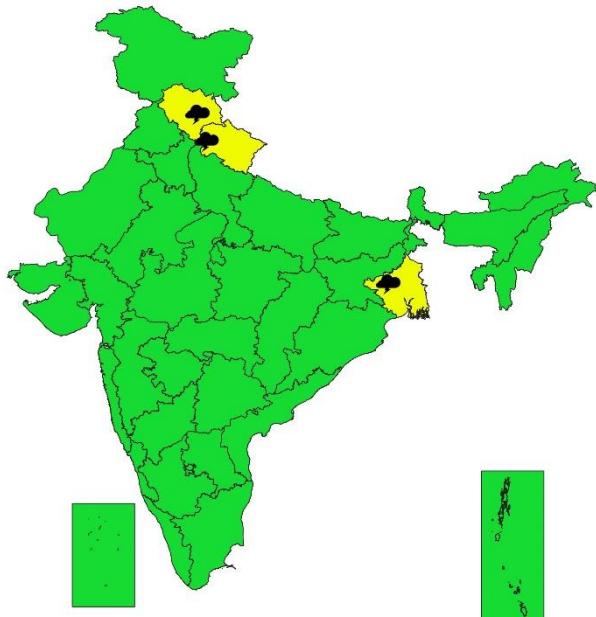
- ❖ The Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 60°E to the north of Lat. 30°N. Another fresh Western Disturbance likely to affect Northwest India from the night of 12th March, 2024. Under the influence of these systems:
 - ✓ Isolated to scattered light/moderate rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand on 11th March, 2024.
 - ✓ *Fairly widespread to widespread light/moderate rainfall/snowfall with isolated thunderstorm & lightning likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand on 13th & 14th March, 2024 and reduction in distribution and intensity thereafter.*
 - ✓ Isolated to scattered light rainfall very likely over Punjab, north Haryana, Chandigarh, Northwest Uttar Pradesh & West Rajasthan on 13th March, 2024.
- ❖ Isolated to scattered light rainfall very likely over Sub-Himalayan West Bengal & Sikkim during 11th -14th; Gangetic West Bengal during 13th-17th; over Odisha during 14th-17th; over Jharkhand, East Madhya Pradesh, Vidarbha and Chhattisgarh on 16th & 17th; over West Madhya Pradesh on 17th 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 during 13th - 15th March, 2024.
- ❖ **Hot and humid weather** very likely to prevail over Kerala & Mahe during next 2 days and over Rayalaseema and Tamil Nadu, Puducherry & Karaikal during next 3 days.

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





SUBDIVISIONWISE WEATHER WARNING FOR DAY 4
14-03-2024

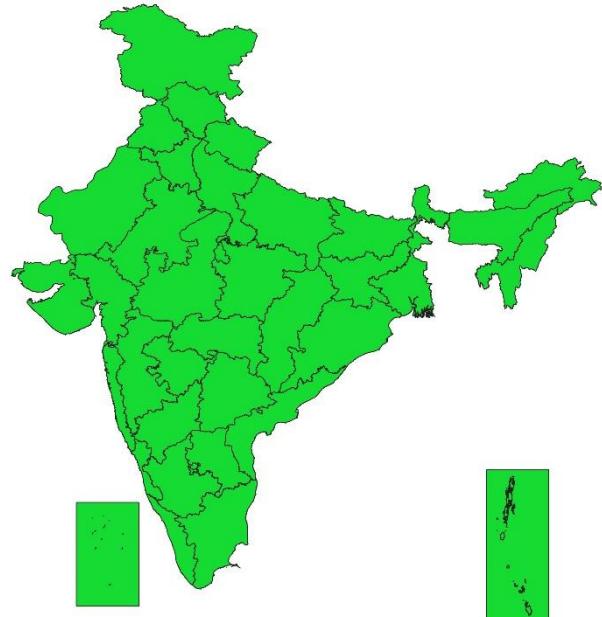


Subdivision Warning

	Fog		Dust Storm		Very Heavy Rain		Subdivision Colour
	Heavy Rain		Heat Wave		Extremely Heavy Rain		WATCH (BE UPDATED)
	Heavy Snow		Cold Wave		Strong Surface Winds		ALERT (BE PREPARED)
	Hailstorm		Cold Day		Thunder & Lightning		WARNING (TAKE ACTION)
	Ground Frost						



SUBDIVISIONWISE WEATHER WARNING FOR DAY 5
15-03-2024



Subdivision Warning

	Fog		Dust Storm		Very Heavy Rain		Subdivision Colour
	Heavy Rain		Heat Wave		Extremely Heavy Rain		WATCH (BE UPDATED)
	Heavy Snow		Cold Wave		Strong Surface Winds		ALERT (BE PREPARED)
	Hailstorm		Cold Day		Thunder & Lightning		WARNING (TAKE ACTION)
	Ground Frost						

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
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