



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.**

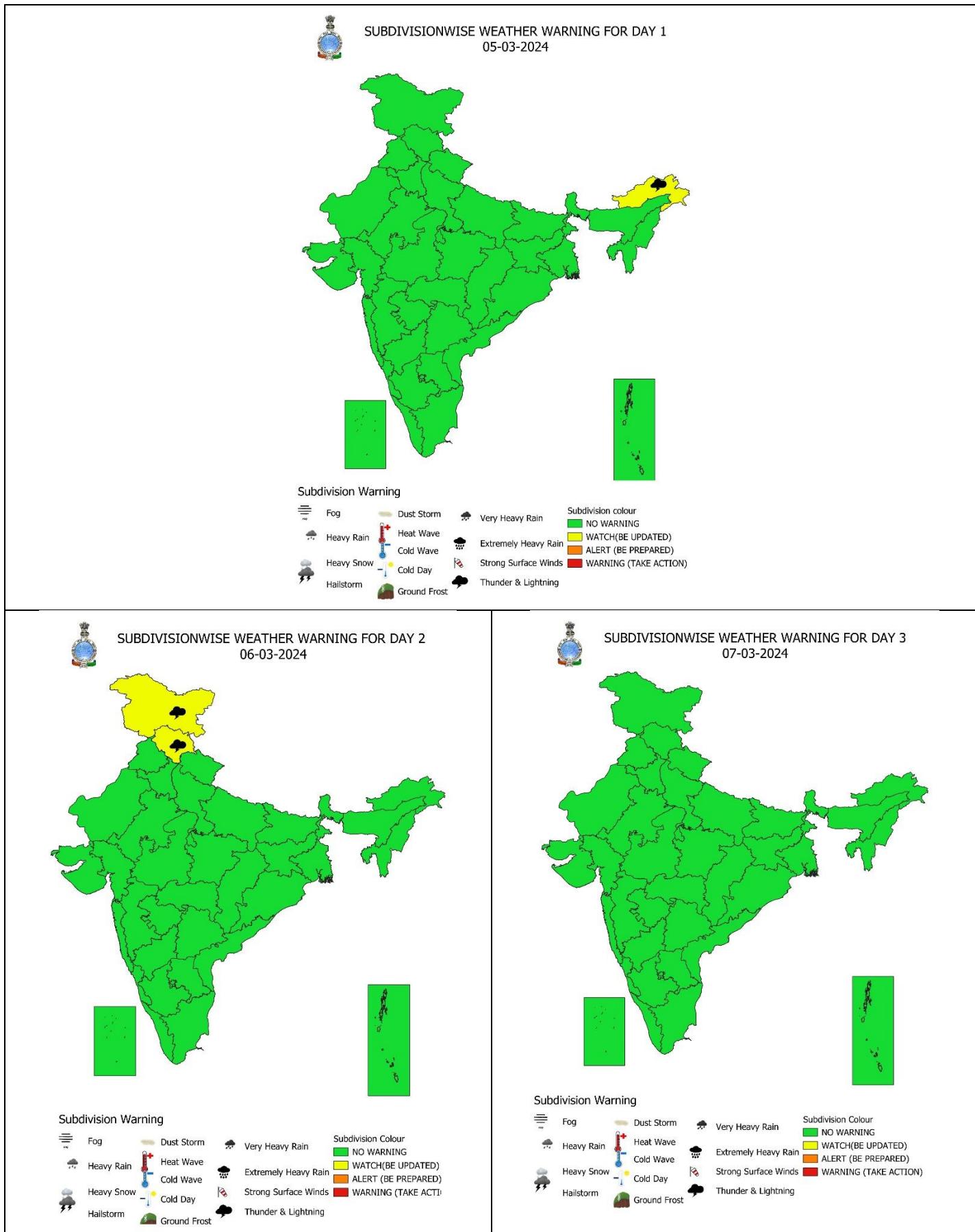
**Realised weather during past 24 hours till 0830 hours IST of today:**

- ❖ **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)**

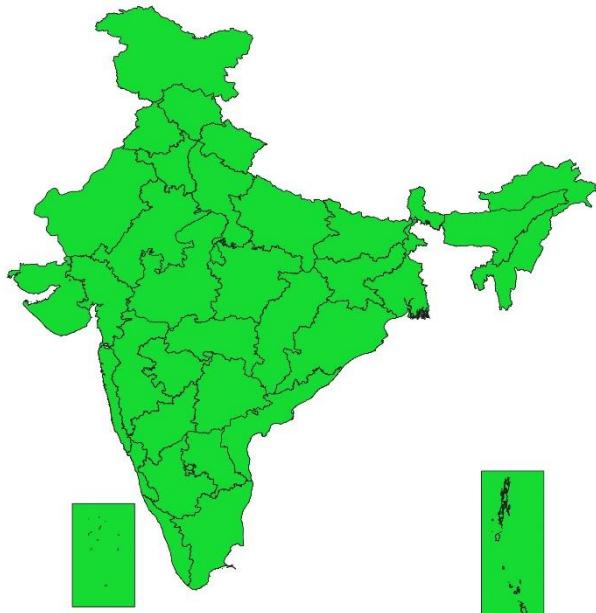
- ❖ A fresh Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 56°E to the north of Lat. 32°N. Under its influence; isolated to scattered light/moderate rainfall/snowfall likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and isolated 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

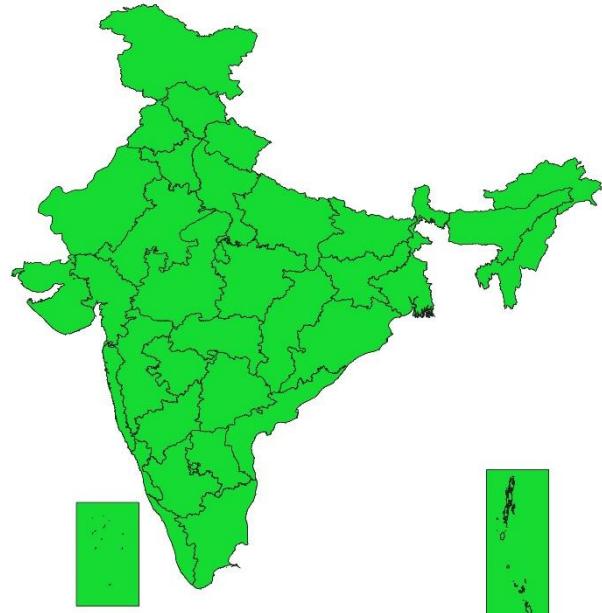


Subdivision Warning

	Fog		Dust Storm		Very Heavy Rain		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  
09-03-2024



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		Flash Flood Risk	
Terms	Probability of Occurrence (%)		
Unlikely	< 25		High Risk (Take Action)
Likely	25 - 50		Moderate Risk (Be Prepared)
Very Likely	50 - 75		Low Risk (Be Updated)
Most Likely	> 75		