



**Government of India  
Ministry of Earth Sciences  
India Meteorological Department**

**Press Release**

**Date: 07<sup>th</sup> February, 2023**

**Time of Issue: 1200 hours IST**

**Subject: Scattered to fairly widespread rainfall/snowfall over Western Himalayan Region on 09<sup>th</sup> & 10<sup>th</sup> February, 2023.**

**Weather observed during past 24 hours ending at 0830 hrs IST of today:**

- ❖ **Light to moderate rainfall/snowfall** observed at **many places over** Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad; **at a few places over** Himachal Pradesh and **at isolated places over** Uttarakhand, Arunachal Pradesh and Assam & Meghalaya.
- ❖ **The minimum temperatures** are in the range of 9-12°C over most parts of plains of North India. The **Lowest Minimum Temperature** of **8.1°C** has been observed over **Amritsar (Punjab)**.
- ❖ **Dense to very dense fog** observed in isolated pockets over Northeast Rajasthan, north Odisha and Sub-Himalayan West Bengal.

**Western Disturbance and associated rainfall/snowfall:**

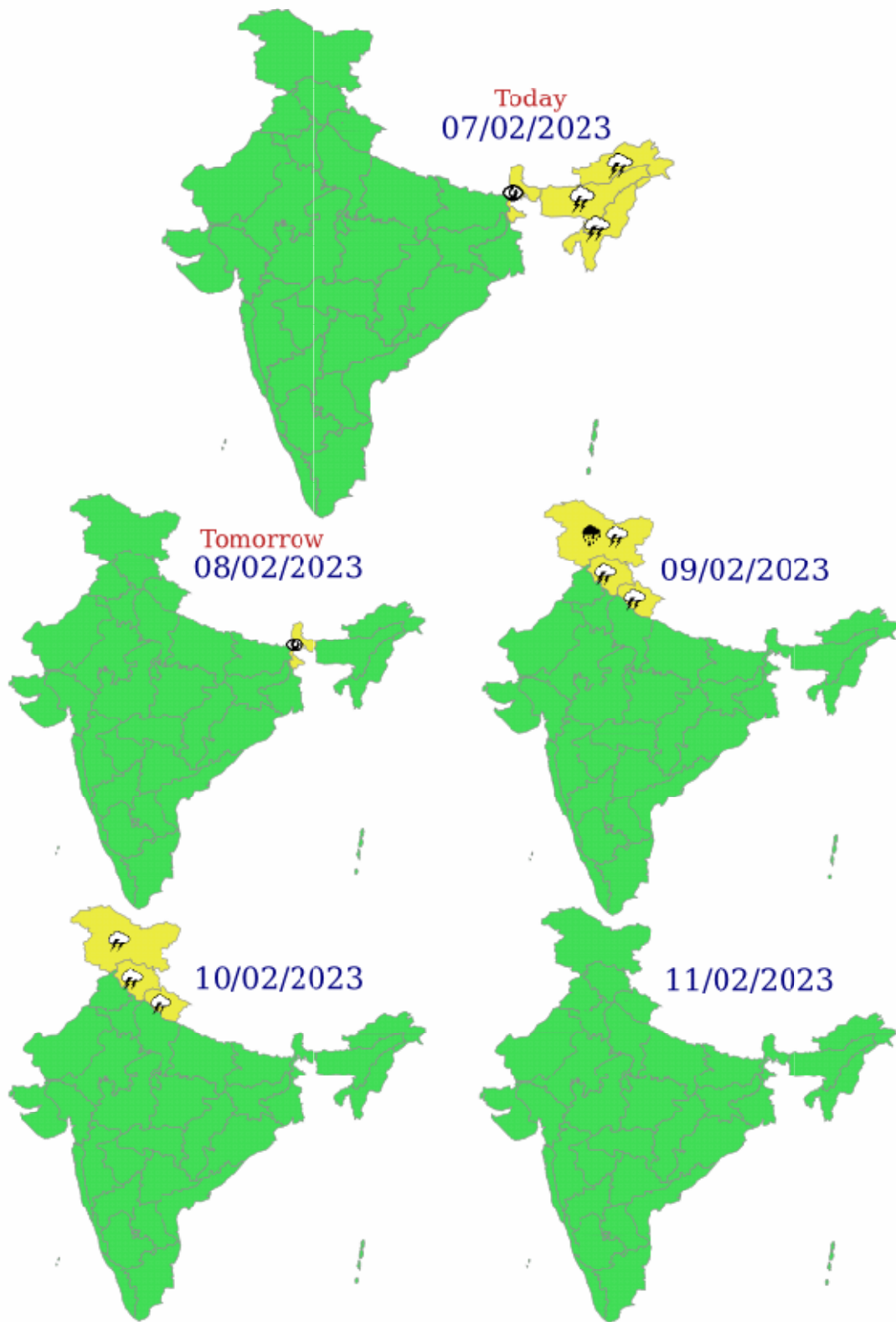
- ❖ A fresh Western Disturbance is likely to affect Western Himalayan Region from the night of 08<sup>th</sup> February. Under its influence, light isolated rainfall/snowfall very likely over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad and Himachal Pradesh on 08<sup>th</sup>; **light/moderate scattered to fairly widespread rainfall/snowfall with thunderstorm & lightning** over Western Himalayan Region on 09<sup>th</sup> & 10<sup>th</sup> with peak intensity on 09<sup>th</sup> February, 2023, when **Isolated heavy rainfall/snowfall** is likely over Kashmir Valley.
- ❖ **Isolated light rainfall** likely over north Punjab on 09<sup>th</sup> & 10<sup>th</sup> February.
- ❖ **Thunderstorm accompanied with lightning & hail** very likely in isolated pockets over Arunachal Pradesh and Assam & Meghalaya on 07<sup>th</sup> February, 2023.

**Minimum Temperature and Dense fog Forecast:**

- ❖ Fall in minimum temperatures by about 2°C very likely over many parts of Northwest India till 08<sup>th</sup>; rise by 2-4°C till 10<sup>th</sup> and fall by 2-3°C thereafter till 12<sup>th</sup> February. No significant change in minimum temperatures very likely over many parts of Central India till 9<sup>th</sup> and gradual rise by 2-4°C thereafter.
- ❖ **Dense fog** very likely in isolated pockets during night/morning hours over Sub-Himalayan West Bengal & Sikkim on 08<sup>th</sup> & 09<sup>th</sup> February, 2023.

For more details kindly refer:

[https://mausam.imd.gov.in/imd\\_latest/contents/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php)



**Legends:**

**Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4 mm.

**Region wise classification of meteorological Sub-Divisions:**

- 1) **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.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

<b>SPATIAL DISTRIBUTION</b> (% 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)

**WARNING**

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)

**Probabilistic Forecast**

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State