



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

**Press Release**

**Date: 15<sup>th</sup> February, 2023**

**Time of Issue: 1130 hours IST**

**Subject: Light to moderate rainfall/snowfall over Western Himalayan Region from 18th to 20th February, 2023 and no significant weather over rest parts of the country during next 5 days.**

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

- ❖ **Minimum Temperatures** are in the range of 8-10°C at a few places over plains of Northwest India and adjoining Central & East India.

**Weather Forecast and Warnings:**

- ❖ Jet Stream Winds of the order of 120 knots are prevailing between Lat. 33-35°N over the Indian region and are likely to continue during next 3 days. Under their influence:
  - ✓ **Light isolated rainfall/snowfall** very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 15<sup>th</sup>-17<sup>th</sup> February, 2023.
- ❖ A fresh Western Disturbance likely to affect the Western Himalayan Region from 18th February. Under its influence:
  - ✓ **Light/moderate scattered rainfall/snowfall** very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 18<sup>th</sup>-20<sup>th</sup> and isolated rainfall/snowfall over Himachal Pradesh and Uttarakhand on 19<sup>th</sup> & 20<sup>th</sup> February, 2023.
- ❖ **Occasional Strong Surface Wind** (speed 20-30 kmph) very likely over many parts of plains of Northwest India during next 24 hours.
- ❖ **No significant weather very likely over rest parts of the country during next 5 days.**

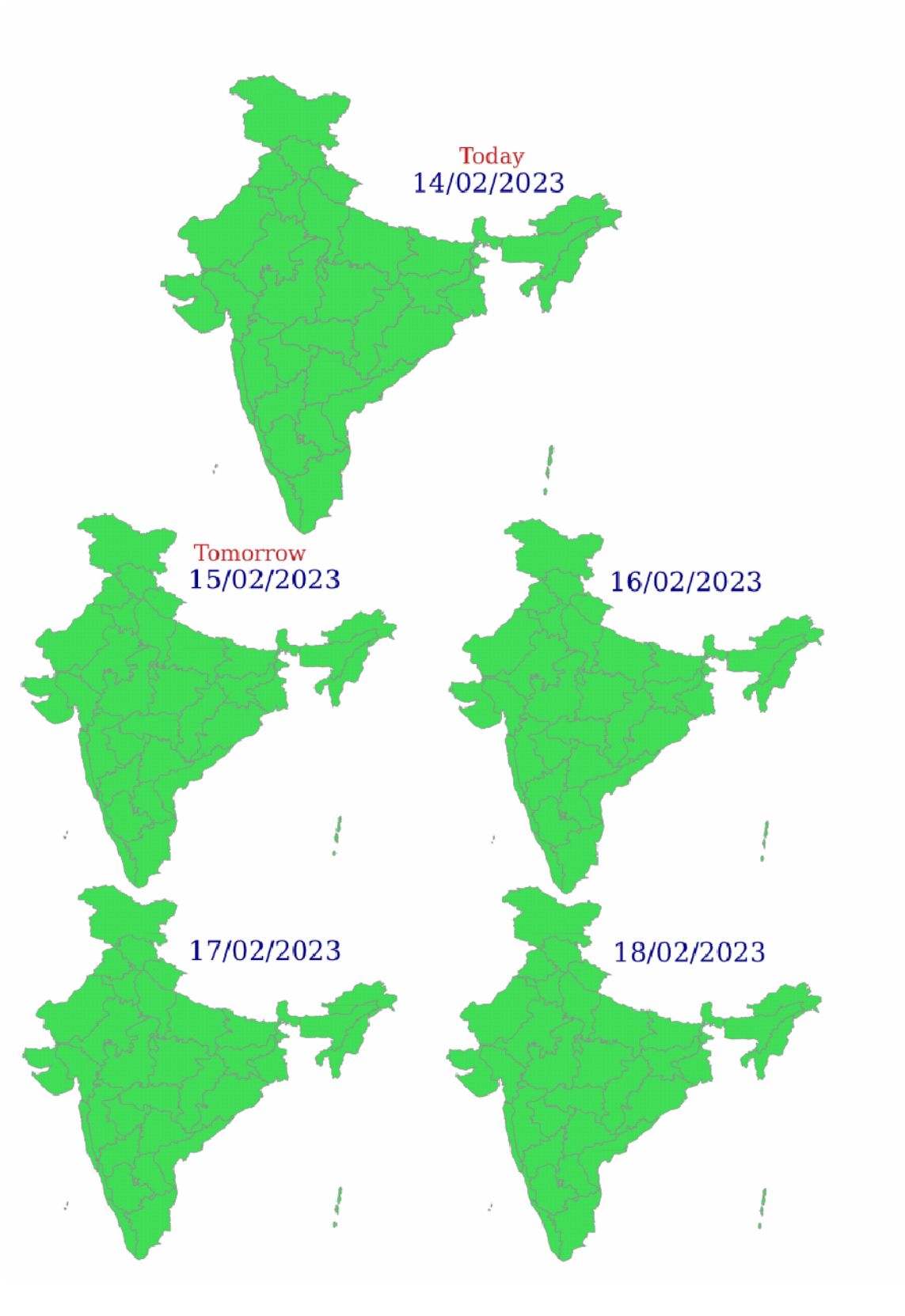
**Minimum Temperature Forecast:**

- ❖ Minimum Temperatures are likely to rise gradually by 3-5°C over many parts of Northwest and East India during next 5 days.
- ❖ Minimum Temperatures are likely to rise gradually by 2-4°C over many parts of Central India and Maharashtra during next 5 days.

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)

## **Annexure I**



**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