



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

Press Release

Date: 06th February, 2023

Time of Issue: 1200 hours IST

Subject: Scattered to fairly widespread rainfall/snowfall over Western Himalayan Region during 8th to 10th February, 2023

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

- ❖ **Light to moderate rainfall/snowfall** observed at most places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; at a few places over Himachal Pradesh and **light rainfall** at isolated places over Arunachal Pradesh, Punjab, Chandigarh and Tamil Nadu, Puducherry & Karaikal.
- ❖ **Significant rainfall observed (in cm): Jammu & Kashmir:** Gulmarg-4, Kupwara, Pahalgaoon, Kokarnag, Banihal, Batote-1 each.
- ❖ **The minimum temperatures** are in the range of 8-10°C over some parts of plains of Northwest and isolated places over Madhya Pradesh & Bihar. The **Lowest Minimum Temperature** of 7.3°C has been observed over **Malanjkhanda (East Madhya Pradesh)**.
- ❖ **Very Dense fog** observed at isolated pockets over northern parts of East Uttar Pradesh and Sub-Himalayan West Bengal-Sikkim and **Dense fog** in isolated pockets over northern parts of West Uttar Pradesh and Assam.

Western Disturbances and associated rainfall/snowfall:

- ❖ The Western Disturbance seen as a trough in middle tropospheric westerlies roughly along Long. 68°E to the north of Lat. 30°N. Under its influence, **light isolated to fairly widespread rainfall/snowfall** very likely over Western Himalayan Region during next 24 hours.
- ❖ Another Western Disturbance is likely to affect Western Himalayan Region from the night of 08th February. Under its influence, **light/moderate scattered to fairly widespread rainfall/snowfall** very likely over Western Himalayan Region during 08th to 10th with peak intensity on 09th February and **thunderstorm & lightning** over the region on 09th & 10th February, 2023. **Isolated heavy rainfall/snowfall** is also likely over Kashmir Valley on 09th February, 2023.
- ❖ **Isolated light/moderate rainfall** likely over Punjab on 09th & 10th February.
- ❖ **Thunderstorm with lightning & hail** very likely in isolated pockets over Arunachal Pradesh and Assam & Meghalaya during 06th-07th February.

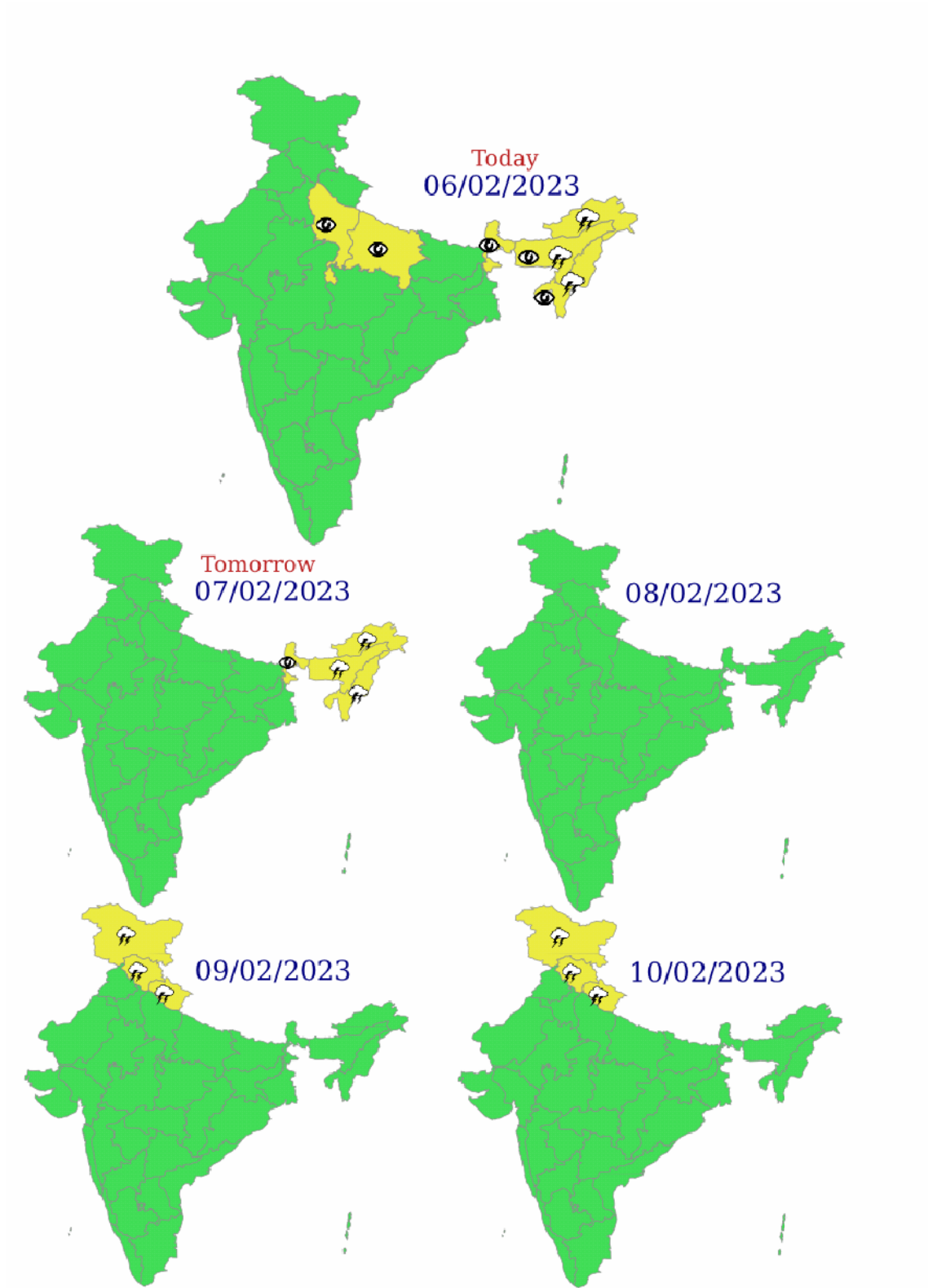
Minimum Temperature and Dense fog Forecast:

- ❖ Fall in minimum temperatures by 2-3°C very likely over many parts of Northwest India during next 48 hours and rise by 2-4°C thereafter. No significant change in minimum temperatures very likely over many parts of Central India during next 3 days and gradual rise by 2-4°C thereafter. No significant change in minimum temperatures very likely over rest parts of the country during next 4-5 days.
- ❖ **Dense to Very dense fog** very likely in isolated pockets during night/morning hours over Uttar Pradesh during next 24 hours. Dense fog in isolated pockets over Sub-Himalayan West Bengal & Sikkim during next 48 hours and West Assam & Tripura during next 24 hours.

For more details kindly refer:

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.

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)

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