



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

**Press Release
Date: 18th February, 2023
Time of Issue: 1130 hours IST**

Subject: Light to moderate rainfall/snowfall over Western Himalayan Region from 19th to 21st 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 10-12°C at many places over Punjab, Haryana, West Uttar Pradesh & Madhya Pradesh and at a few places over East Rajasthan.
- ❖ Light rainfall observed at a few places over Andaman & Nicobar Islands and at isolated places over West Bengal & Sikkim and Odisha.
- ❖ **Dense to Very dense fog** observed in some parts of Punjab and in isolated pockets over Haryana, Delhi and north Rajasthan in the morning hours.

Weather Forecast and Warnings:

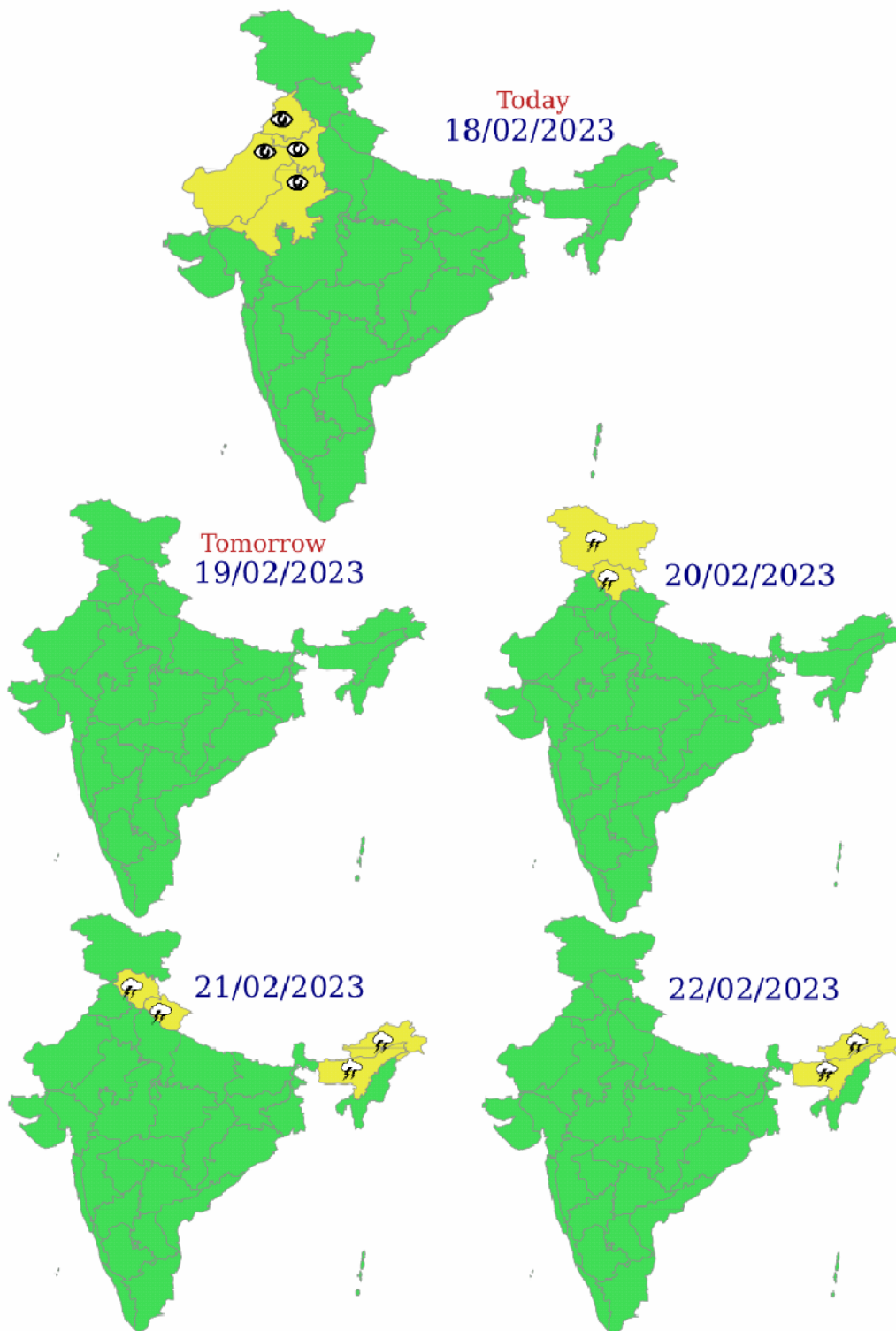
- ❖ A fresh Western Disturbance as a trough in lower & middle tropospheric westerlies runs roughly along Long. 50°E and north of Lat. 30°N. It is likely to affect the western Himalayan region from tomorrow, 19 February 2023. Under its influence:
 - ✓ Light to moderate isolated to scattered rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand during 19th-21st February, 2023.
 - ✓ Isolated thunderstorm with lightning also likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad on 20th; over Himachal Pradesh on 20th & 21st and over Uttarakhand on 21st February, 2023.
- ❖ Light isolated to scattered rainfall very likely over Northeast India (Arunachal Pradesh, Assam & Meghalaya, Nagaland) and Sub-Himalayan West Bengal & Sikkim during 20th-22nd February, 2023.
- ❖ Isolated thunderstorm with lightning also likely over Arunachal Pradesh and Assam & Meghalaya on 21st & 22nd February, 2023. **(Annexure I)**
- ❖ **No significant weather very likely over rest parts of the country during next 5 days.**

Temperature Forecast:

- ❖ Maximum temperatures are very likely to be in the range of 37-39°C over many parts of Gujarat state and Maharashtra-Goa coasts during next 2 days.
- ❖ Minimum Temperatures are very likely to rise gradually by 2-3°C over most parts of Northwest & Central India and Maharashtra during next 4-5 days. No significant change in minimum Temperatures very likely over Gujarat state during next 3 days and fall by 2-3°C thereafter.

For more details kindly refer:

https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_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.

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