



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

Press Release

Date: 10th February, 2023

Time of Issue: 1200 hours IST

Subject: Wet spell likely to continue over Western Himalayan Region during 10th-11th 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; at many places over Arunachal Pradesh, Himachal Pradesh, Sub-Himalayan West Bengal & Sikkim and **light rainfall** at isolated places over Assam & Meghalaya, Nagaland, Uttarakhand and Punjab.
- ❖ **Rainfall amount (in cm): Jammu & Kashmir:** Banihal-5, Pahalgam, Gulmarg, Kistwar, Kupwara, Rajpura-4 each, Srinagar, Baderwah, Kargil, Pulwama, Batote, Ganderbal-3 each, Anantnag, Kukernag, Rajouri-2 each; **Himachal Pradesh:** Lahaul & Spiti, Kullu, Chamba-4, Kinnaur-2.
- ❖ **The minimum temperatures** are in the range of 10-12°C over many parts of Uttar Pradesh and some parts of Madhya Pradesh and Bihar. The **Lowest Minimum Temperature** of 7.4°C has been observed over **Rewa and Malanjhand (East Madhya Pradesh) over plains of North India.**

Western Disturbance and associated rainfall/snowfall:

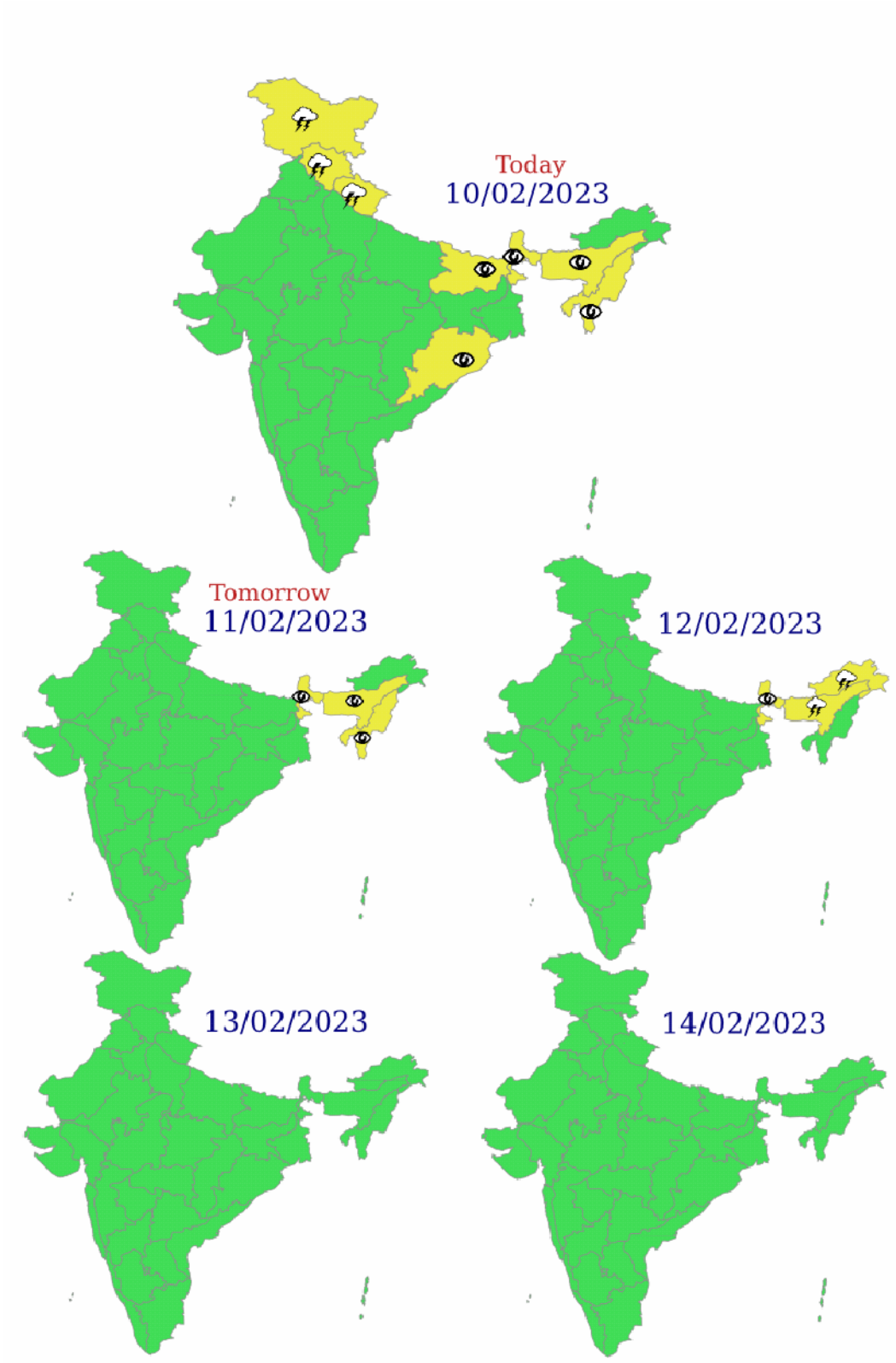
- ❖ The **Western Disturbance** now seen as a trough in middle tropospheric westerlies roughly along Long. 65°E to the north of 32°N and an induced cyclonic circulation lies over Punjab & neighbourhood in lower tropospheric levels. Jet stream winds of the order of 120 knots are prevailing along Latitude 30°N over Indian region. Under its influence,
 - ✓ **Light/moderate scattered to fairly widespread rainfall/snowfall with thunderstorm & lightning** very likely to continue over Western Himalayan Region on 10th & 11th February, 2023.
 - ✓ **Isolated light rainfall** likely over north Punjab and north Haryana & Chandigarh on 10th February.
 - ✓ **Strong Surface Wind** (speed 20-30 kmph) very likely over plains of Northwest India during 11th-13th February, 2023.

Minimum Temperature and Dense Fog Forecast:

- ❖ No significant change in minimum temperatures very likely over many parts of Northwest India till 11th; gradual fall by 2-4°C till 13th and rise by 2-4°C thereafter. No significant change in minimum temperatures very likely over many parts of Central India till 11th and fall by 3-5°C thereafter. No significant change in minimum temperatures very likely over rest parts of the north India during next 5 days.
- ❖ **Dense fog** very likely in isolated pockets during night/morning hours over Sub-Himalayan West Bengal & Sikkim during next 3 days; over Assam & Meghalaya, Tripura during next 48 hours and over Odisha and Bihar during next 24 hours.

For more details kindly refer:

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.

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