



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 08th February, 2023
Time of Issue: 1245 hours IST

Subject: Wet spell over Western Himalayan Region from today night till 10th February with possibility of isolated heavy falls over Kashmir Valley on 09th 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 Arunachal Pradesh; **at a few places** over Sub-Himalayan West Bengal & Sikkim and **at isolated places** over Assam & Meghalaya, Nagaland and isolated rainfall over Andaman & Nicobar Islands.
- ❖ **The minimum temperatures** are in the range of 8-12°C over most parts of plains of North India and Madhya Pradesh. The **Lowest Minimum Temperature** of 5.4°C has been observed over **Churu (West Rajasthan)**.

Western Disturbance and associated rainfall/snowfall:

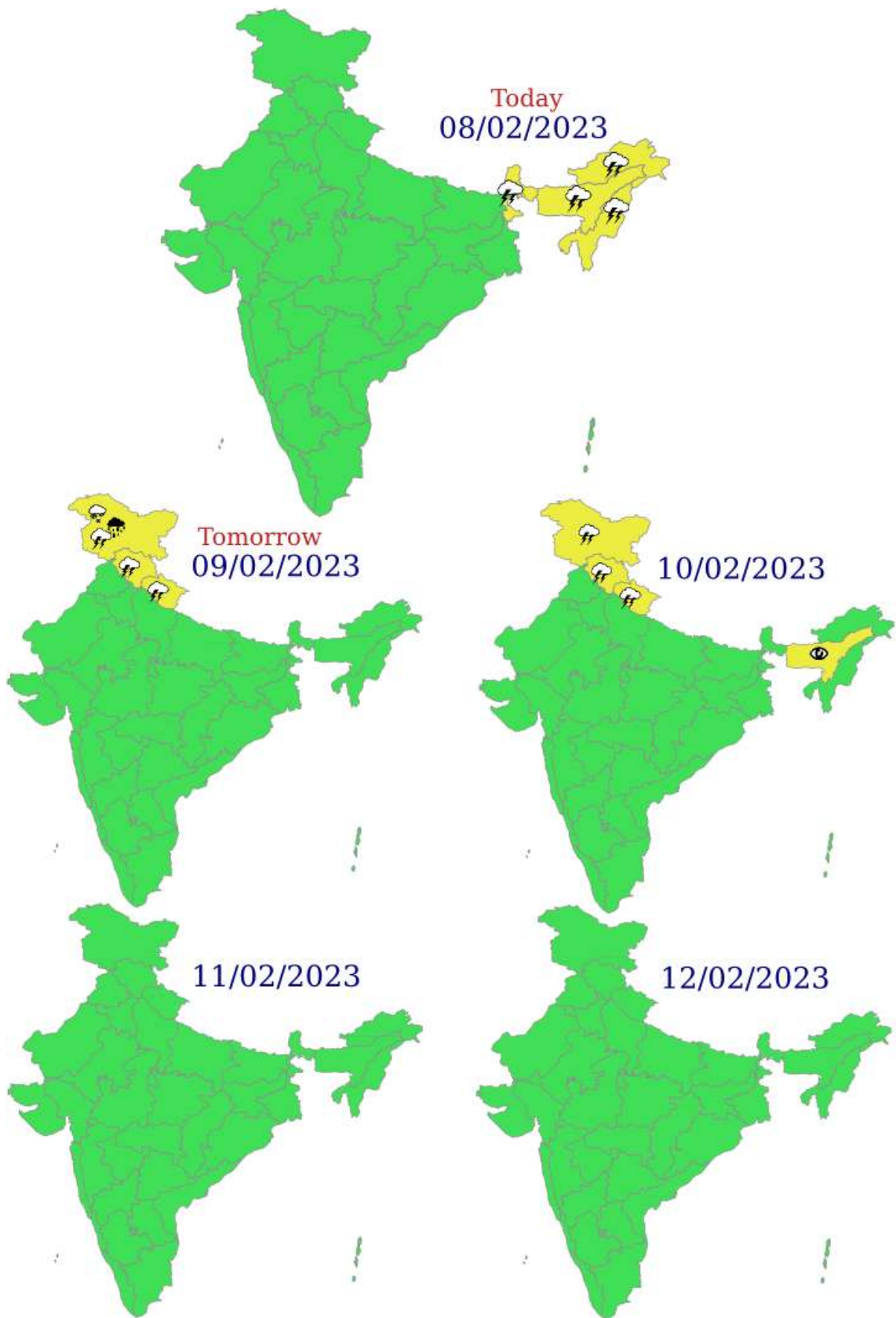
- ❖ The **Western Disturbance** seen as a cyclonic circulation in middle tropospheric levels over west Iran & neighbourhood. Jet stream winds of the order of 150 knots are prevailing along Latitude 30°N over Indian region. Under its influence,
 - ✓ light isolated to scattered rainfall/snowfall very likely over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad and Himachal Pradesh on 08th; **light/moderate fairly widespread to widespread rainfall/snowfall with thunderstorm & lightning** on 09th & 10th with peak intensity on 09th with possibility of **isolated heavy rainfall/snowfall** over Kashmir Valley. Light/moderate scattered rainfall/snowfall **with thunderstorm & lightning** very likely over Uttarakhand on 09th & 10th February, 2023
 - ✓ **Isolated light rainfall** likely over north Punjab during 08th-10th February, 2023.
 - ✓ **Strong Surface Wind** (speed 20-30 kmph) very likely over plains of Northwest India during 11th-12th February, 2023.
- ❖ **Thunderstorm accompanied with lightning & hail** very likely at isolated places over Sub-Himalayan West Bengal & Sikkim and **with lightning** over Northeast India on 08th February, 2023.

Minimum Temperature Forecast:

- ❖ **Rise in minimum temperatures by 3-5°C very likely over many parts of Northwest India till 10th and fall by 2-4°C thereafter till 12th February.** Rise in minimum temperatures by 2-4°C very likely over many parts of Central India till 11th and fall by 2-4°C thereafter. No significant change in minimum temperatures very likely over Gujarat state till 11th and gradual fall by 2-3°C thereafter. No significant change in minimum temperatures very likely over rest parts of the north India during next 4-5 days.

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