



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 09th February, 2023

Time of Issue: 1115 hours IST

Subject: Wet spell over Western Himalayan Region on 09th & 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, Sub-Himalayan West Bengal & Sikkim and at isolated places over Assam & Meghalaya, Nagaland, Himachal Pradesh and Jammu & Kashmir.
- ❖ **The minimum temperatures** are in the range of 9-12°C over most parts of plains of North India and Madhya Pradesh. The **Lowest Minimum Temperature** of 7.4°C has been observed over **Rewa (East Madhya Pradesh) over plains of North India.**

Western Disturbance and associated rainfall/snowfall:

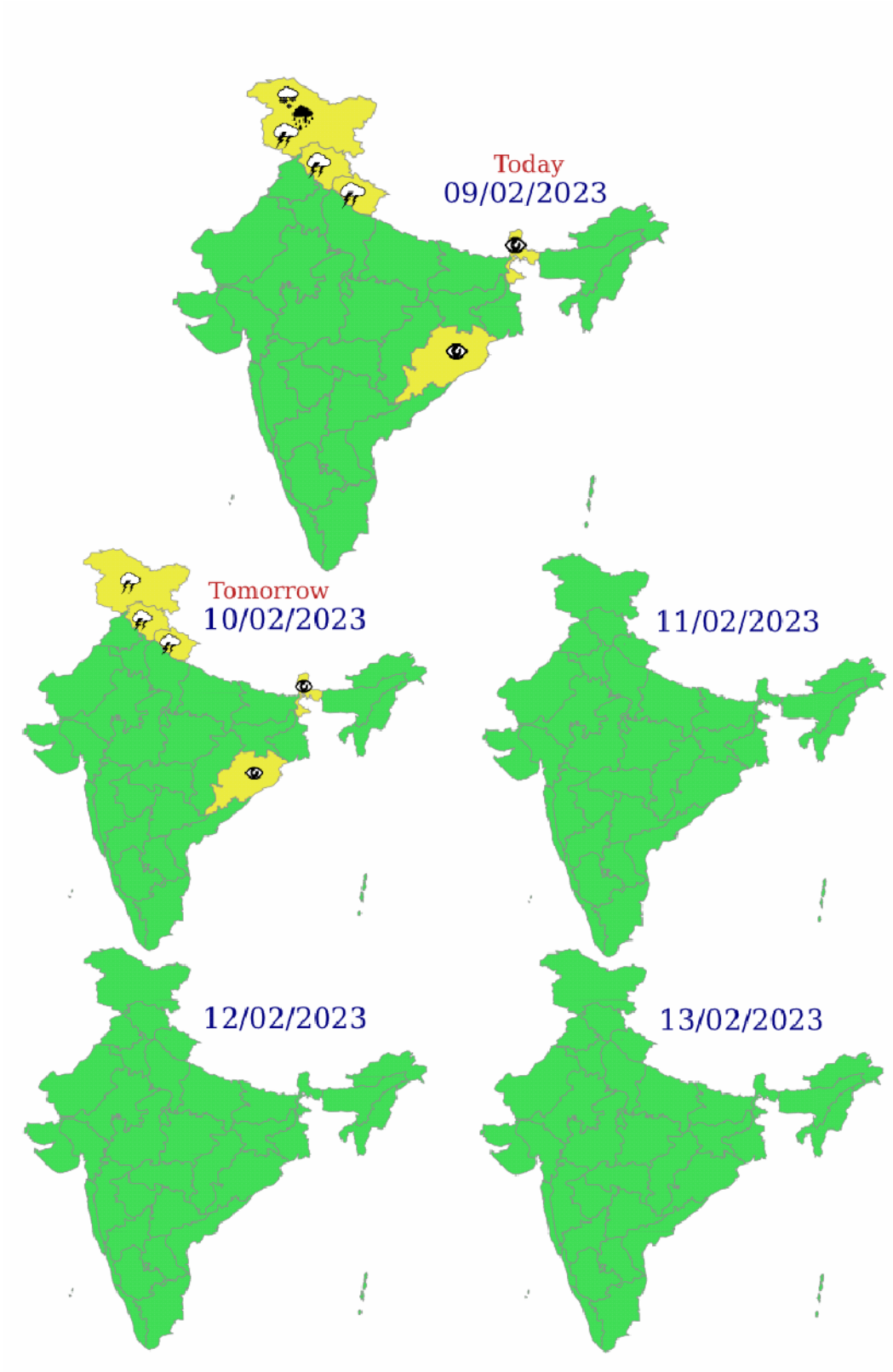
- ❖ The **Western Disturbance** seen as a trough in lower & middle tropospheric westerlies roughly along Long. 60°E to the north of 30°N and an induced cyclonic circulation lies over central Pakistan & adjoining West Rajasthan in lower tropospheric levels. Jet stream winds of the order of 170 knots are prevailing along Latitude 30°N over Indian region. Under its influence,
 - ✓ **Light/moderate fairly widespread to widespread rainfall/snowfall with thunderstorm & lightning** very likely over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh and scattered to fairly widespread rainfall/snowfall **with thunderstorm & lightning** over Uttarakhand on 09th & 10th with peak intensity on 09th February.
 - ✓ **Isolated heavy rainfall/snowfall** also likely over Kashmir Valley on 09th February.
 - ✓ **Isolated light rainfall** likely over north Punjab on 09th & 10th and over north Haryana & Chandigarh on 10th February, 2023.
 - ✓ **Strong Surface Wind** (speed 20-30 kmph) very likely over plains of Northwest India during 11th-13th February, 2023.

Minimum Temperature Forecast:

- ❖ Rise in minimum temperatures by 2-3°C very likely over many parts of Northwest India till 10th; no significant change for subsequent 24 hours and fall by 2-3°C thereafter till 13th February. Rise in minimum temperatures by 2-3°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 many parts of West India till 12th 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 5 days.
- ❖ **Dense fog** very likely in isolated pockets during night/morning hours over Sub-Himalayan West Bengal and Odisha on 09th & 10th February, 2023.

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