



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

**Press Release
Date: 04th February, 2023
Time of Issue: 1200 hours IST**

Subject: Mainly dry weather is likely over the country during next 5 days.

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

- ❖ **Heavy rainfall** occurred at isolated places over Tamil Nadu, **light rainfall** at a few places over Andaman & Nicobar Islands, Kerala and Lakshadweep.
- ❖ **Significant rainfall observed (in cm): Tamil Nadu: Nagapattinam:** Velankanni-10; **Mayiladuthurai:** Sembanarkoil-7.
- ❖ **The minimum temperatures** are in the range of 7-10°C over many parts of plains of Northwest, Central and East India. The **Lowest Minimum temperature** of 5.1°C has been observed over **Umria (East Madhya Pradesh)**.

Low Pressure Area and associated weather:

- ❖ Yesterday's **Well Marked Low Pressure Area** over Comorin and adjoining Gulf of Mannar & west coast of Sri Lanka has weakened into a Low Pressure area in the evening of same day and lay over Comorin area & neighbourhood. It persists over the same region. Under its influence:
 - ✓ Light/moderate rainfall is very likely at a few places over Tamil Nadu, Kerala and Lakshadweep during next 24 hours.
 - ✓ **Squally weather** with **wind** speed reaching 40-45 kmph gusting to 55 kmph very likely over Comorin & adjoining Maldives area on 04th February.

Western Disturbances and associated rainfall/snowfall:

- ❖ The Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 63°E to the north of Lat. 34°N. Under its influence; light isolated rainfall/snowfall very likely over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad on 04th February.
- ❖ A fresh Western Disturbance is likely to affect Western Himalayan Region from the night of 05th February, 2023. Under its influence; light isolated to scattered rainfall/snowfall very likely over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad and Himachal Pradesh on 05th & 06th and over Uttarakhand on 06th February.
- ❖ Another Western Disturbance is likely to affect Western Himalayan Region from the night of 08th February, 2023

Minimum Temperature Forecast:

- ❖ Rise in minimum temperatures by about 2°C very likely over many parts of Northwest India till 07th February and no significant change thereafter. No significant change in minimum temperatures very likely over many parts of Central India till 05th February followed by rise of 2-3°C for subsequent 3 days and fall by 2-3°C thereafter. No significant change in

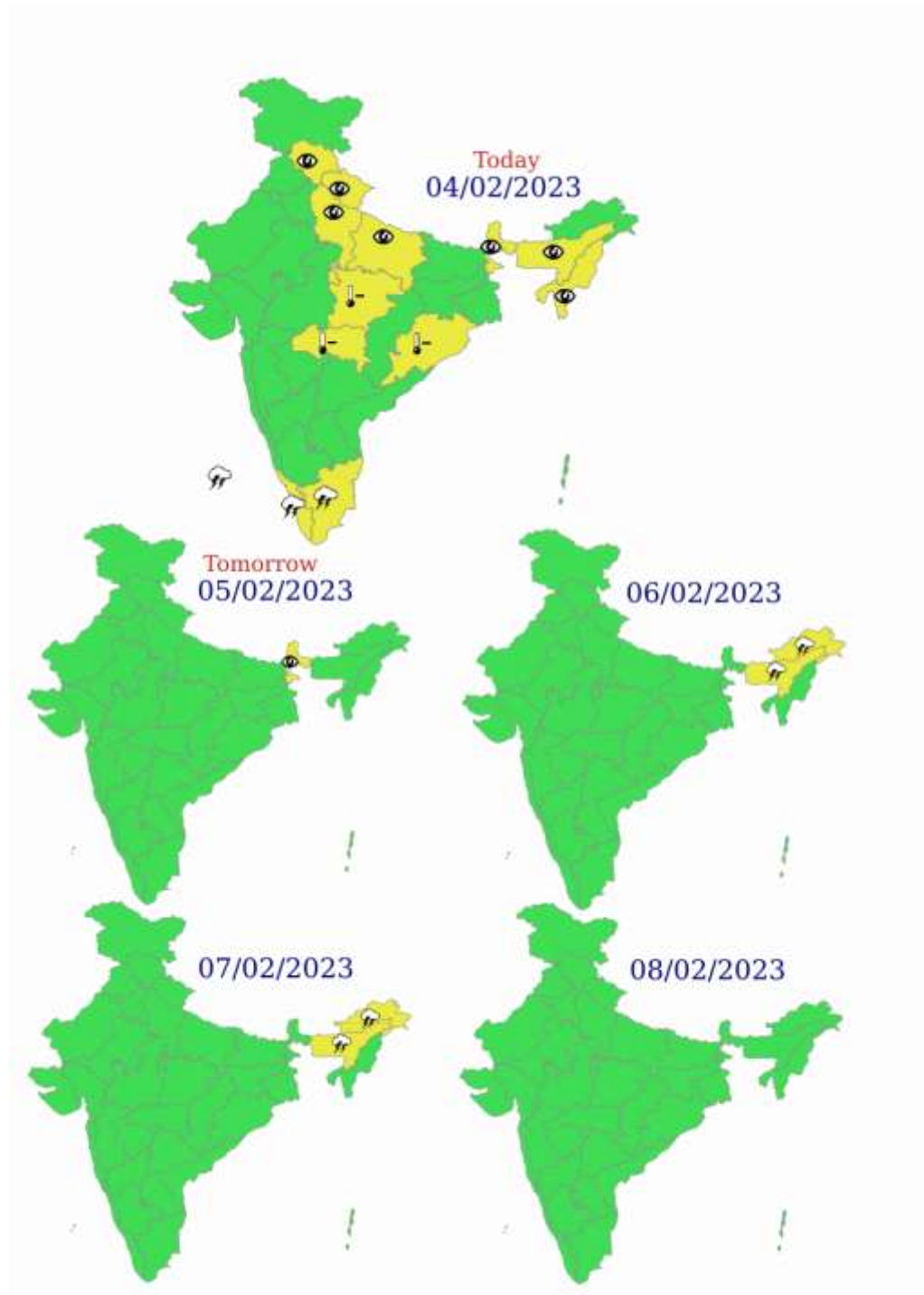
minimum temperatures very likely over many parts of East India till 06th February and rise by 2-3°C for subsequent 3 days.

- ❖ **Dense fog** very likely in isolated pockets during night/morning hours over Sub-Himalayan West Bengal on 05th & 06th and over Himachal Pradesh, Uttarakhand, north Uttar Pradesh, Assam, Mizoram and Tripura on 05th February.
- ❖ **Cold wave conditions** very likely in isolated pockets over East Madhya Pradesh, Vidarbha and Odisha on 05th February, 2023.

For more details kindly refer:

[https://mausam.imd.gov.in/imd latest/contents/all india forcast bulletin.php](https://mausam.imd.gov.in/imd%20latest/contents/all%20india%20forcast%20bulletin.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