



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

**Press Release  
Date: 01<sup>st</sup> March, 2023  
Time of Issue: 1330 hours IST**

**Subject: Wet Spell over Western Himalayan Region and adjoining plains during 01<sup>st</sup> & 02<sup>nd</sup> March, 2023 and decrease thereafter.**

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

- ❖ **Maximum temperatures** are in the range of 34-37°C over most parts of West Rajasthan, Gujarat, West Madhya Pradesh, Odisha, Gangetic West Bengal, Maharashtra, Kerala, Telangana, Coastal Andhra Pradesh.
- ❖ **Maximum temperatures** are above normal by 3-6°C over most parts of Rajasthan and Uttar Pradesh; over some parts of Madhya Pradesh, Gujarat, Gangetic West Bengal and Bihar.
- ❖ **Light to moderate rainfall/snowfall** at most places observed over Himachal Pradesh; at many places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, at isolated places over Uttarakhand **with thunderstorms** at a few places over the region. **Light rainfall** observed at a few places over Punjab; at isolated places over Haryana & Chandigarh, West Uttar Pradesh, north Rajasthan, Arunachal Pradesh, Sikkim, Tamil Nadu and Kerala.

**Weather Forecast and Warnings (Annexure I):**

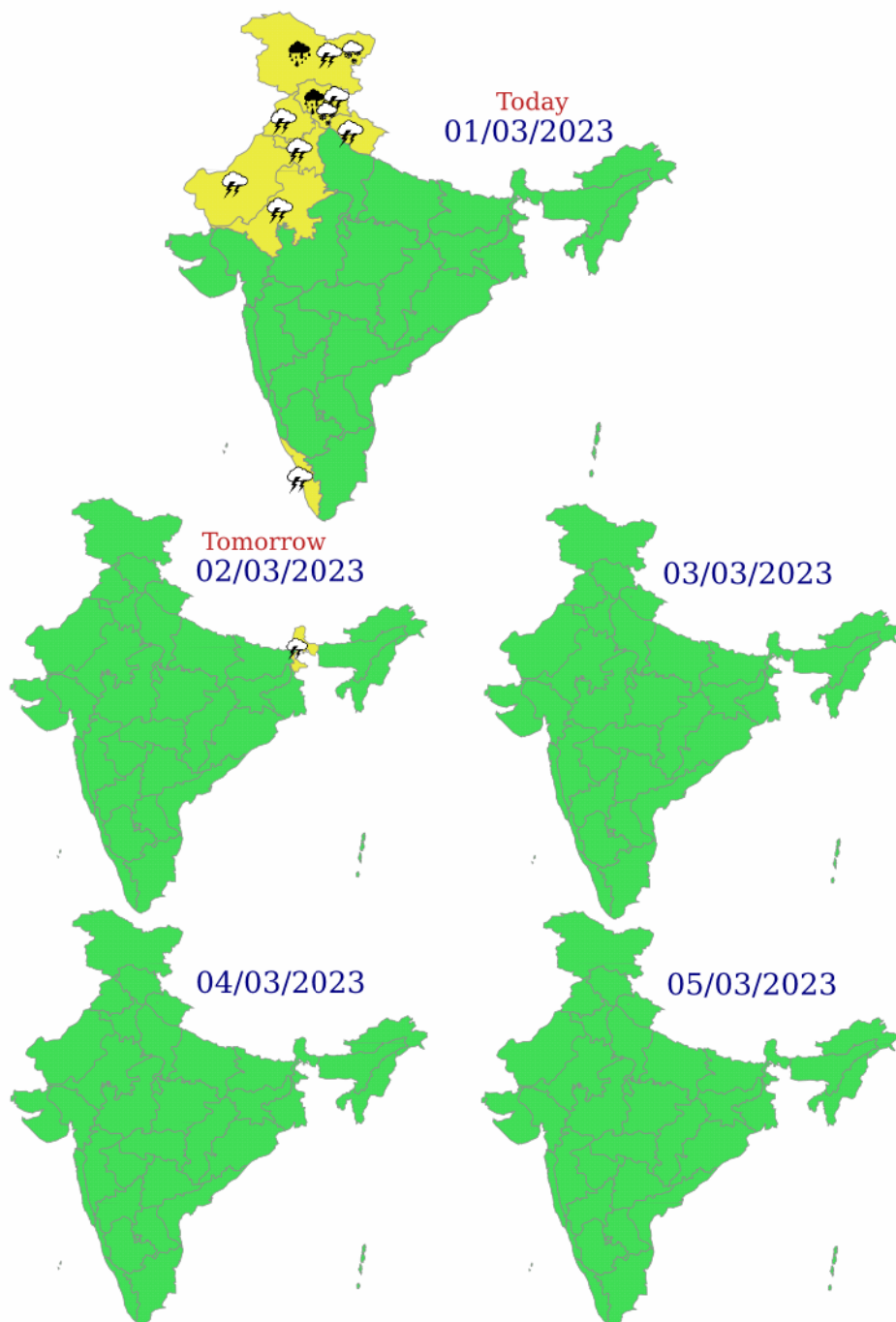
- ❖ The Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 65°E to the north of Lat. 35°N. The associated induced cyclonic circulation lies over southeast Rajasthan & adjoining West Madhya Pradesh in the lower levels. Under their influence:
  - Light to moderate scattered to widespread rainfall/snowfall very likely over Western Himalayan Region & adjoining plains during 01<sup>st</sup> & 2<sup>nd</sup> March. **Isolated Heavy rainfall/snowfall** is also very likely over Jammu & Kashmir and Himachal Pradesh on 01<sup>st</sup> March.
  - **Thunderstorm with lightning** very likely north Punjab, north Haryana & Chandigarh and north Rajasthan and with **hail** over Himachal Pradesh and Uttarakhand on 01<sup>st</sup> March.

**Maximum Temperatures Forecast:**

- ❖ **Northwest India:** Maximum temperatures are likely to fall by 2-3°C during next 24 hours and rise by 2-4°C thereafter.
- ❖ **East India:** Maximum temperatures are likely to rise gradually by 2-4°C during next 5 days.
- ❖ **Central India:** Maximum temperatures are likely to rise by 2-3°C during next 03 days and no significant change thereafter.
- ❖ **West India:** Maximum Temperatures are likely to rise by 2-4°C during next 03 days and no significant change thereafter.

For more details kindly refer:

[https://mausam.imd.gov.in/imd\\_latest/contents/all\\_india\\_forecast\\_bulletin.php](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.

<b>SPATIAL DISTRIBUTION</b> (% 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)

<b>WARNING</b>	
WARNING (TAKE ACTION)	
ALERT ( BE PREPARED)	
WATCH (BE UPDATED)	
NO WARNING ( NO ACTION)	

<b>Probabilistic Forecast</b>	
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