



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

**Press Release  
Date: 27<sup>th</sup> February, 2023  
Time of Issue: 1200 hours IST**

**Subject: Wet Spell over Western Himalayan Region and adjoining plains during 28<sup>th</sup> February to 02<sup>nd</sup> March, 2023.**

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

- ❖ **Maximum temperatures** are in the range of 35-37°C over many parts of Gujarat, Maharashtra and Telangana and some parts of Madhya Pradesh.
- ❖ **Maximum temperatures** are above normal by 3-5°C over many parts of Northwest India and over some parts of Central India.
- ❖ **Very light to light rainfall** observed at many places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad and at isolated places Himachal Pradesh, Uttarakhand, Sikkim, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

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

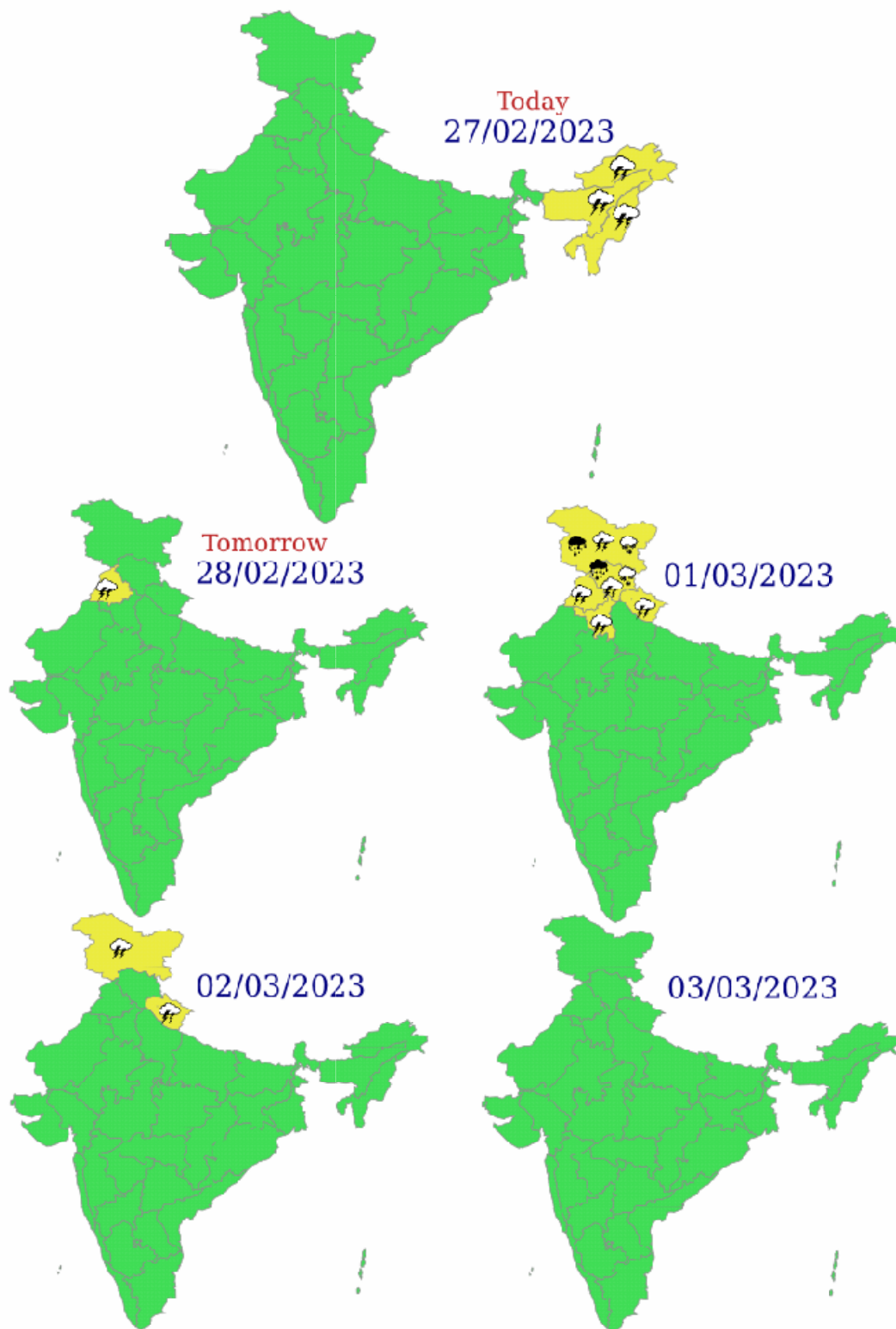
- ❖ The Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 72°E to the north of Lat. 32°N. It is very likely to cause light isolated rainfall/snowfall over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad, Himachal Pradesh and Uttarakhand on 27<sup>th</sup> February.
- ❖ In quick succession, another **Western Disturbance** is likely to affect Western Himalayan Region & adjoining plains of northwest India from 28<sup>th</sup> February. Under its influence:
  - ✓ Light to moderate scattered to widespread rainfall/snowfall with thunderstorm & lightning very likely over Western Himalayan Region during 28<sup>th</sup> February to 02<sup>nd</sup> March, 2023. Light isolated to scattered rainfall is also likely over Punjab during 28<sup>th</sup> February to 02<sup>nd</sup> March and over Haryana & Chandigarh on 01<sup>st</sup> & 02<sup>nd</sup> March, 2023.
  - ✓ **Isolated Heavy rainfall/snowfall** is also very likely over Kashmir Valley and Himachal Pradesh on 01<sup>st</sup> March, 2023.
  - ✓ **Thunderstorm with lightning & hail** at isolated places very likely over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad and Uttarakhand on 01<sup>st</sup> & 02<sup>nd</sup> March and over Himachal Pradesh on 01<sup>st</sup> March. **Thunderstorm with lightning & gusty winds (speed 30-40 kmph)** likely over Punjab on 28<sup>th</sup> February & 01<sup>st</sup> March and over Haryana & Chandigarh on 01<sup>st</sup> March, 2023.
- ❖ Light isolated/scattered rainfall likely over Andaman & Nicobar Islands, Sub-Himalayan West Bengal & Sikkim and Arunachal Pradesh during next 5 days.

**Maximum Temperatures Forecast:**

- ❖ No significant change in Maximum temperatures very likely over many parts of Northwest India during next 3 days and rise by about 2°C during subsequent 2 days.
- ❖ Fall in Maximum temperatures very likely over Gujarat by 2-3°C during next 3 days and rise by 2-3°C during subsequent 2 days.
- ❖ No significant change in Maximum temperatures very likely over many parts of Central & East India during next 3 days and rise by 2-3°C during subsequent 2 days.
- ❖ No significant change in maximum Temperatures very likely over rest parts of the country during next 5 days.
- ❖ Maximum temperatures very likely continue to remain above normal by 3-5°C over most parts of Northwest India during next 2 days.

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)

**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