



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

**Press Release
Date: 02nd March, 2023
Time of Issue: 1300 hours IST**

**Subject: (i) Light to moderate scattered rainfall/snowfall very likely over Western Himalayan Region during 02nd-04th March. Dry weather likely over the region thereafter.
(ii) Isolated light rainfall likely over north Maharashtra, south Madhya Pradesh and Gujarat during 04th-06th March.**

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

- ❖ **Maximum temperatures** are in the range of 28-32°C over most parts of Punjab, Haryana, north Rajasthan and Uttar Pradesh. These are 3-5°C above normal over the region.
- ❖ **Maximum temperatures** are in the range of 35-37°C over most parts of Gujarat, Vidarbha, Marathwada, south Konkan & Goa, Coastal Karnataka and Kerala. These are 2-4°C above normal over the region.
- ❖ **Light to moderate rainfall/snowfall** at most places observed over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad; at a few places over Himachal Pradesh; at isolated places over Uttarakhand. **Light rainfall** observed at isolated places over Punjab, Haryana, Chandigarh & Delhi, Rajasthan, Arunachal Pradesh, Sikkim and Tamil Nadu.

Weather Forecast and Warnings (Annexure I):

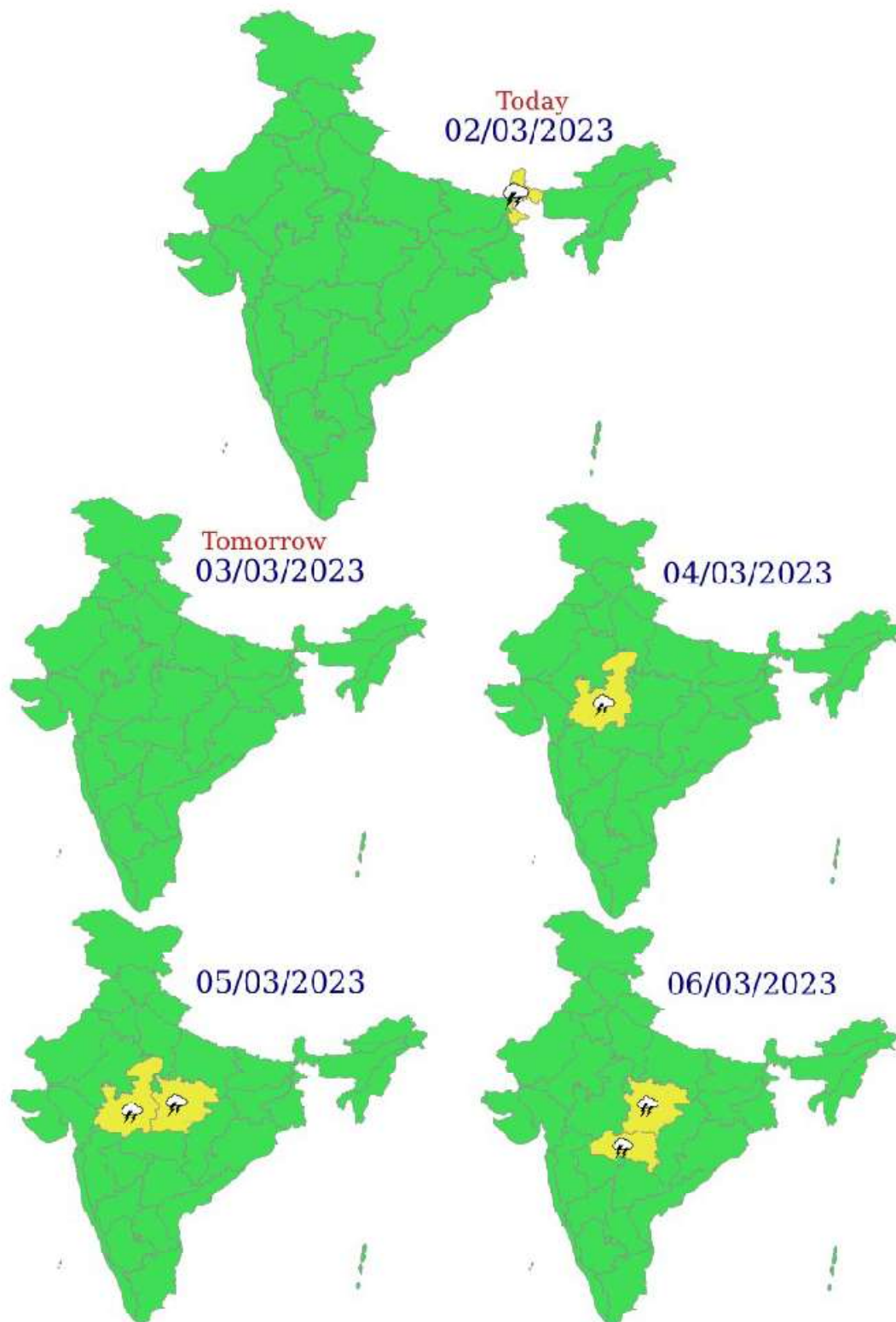
- ❖ The Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 65°E to the north of Lat. 32°N. Another Western Disturbance as a trough in middle tropospheric westerlies runs roughly along Long. 50°E to the north of Lat. 20°N. Under their influence:
 - Light to moderate scattered rainfall/snowfall very likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Himachal Pradesh during 02nd-04th March. Light isolated rainfall also likely over Uttarakhand and Punjab on 02nd and 04th March. Dry weather likely over the region thereafter.
- ❖ Strong surface winds (speed 20-30 kmph) very likely over Uttar Pradesh on 03rd & 04th March.
- ❖ Under the influence of a north-south trough in lower level easterlies:
 - Isolated light rainfall is likely over north Maharashtra, south Madhya Pradesh and Gujarat during 04th-06th March.
 - Isolated light/moderate thunderstorm activity also likely over West Madhya Pradesh on 04th & 05th; over East Madhya Pradesh on 05th & 06th and over Vidarbha on 06th March, 2023.
- ❖ Squally weather (wind speed 40-45 kmph gusting to 55 kmph) very likely over Comorin area on 04th & 05th March.

Maximum Temperatures Forecast:

- ❖ **Northwest and East India:** No significant change in maximum temperatures during next 5 days.
- ❖ **Central India:** No significant change in maximum temperatures during next 3 days and fall by about 2°C thereafter.
- ❖ **West India:** Maximum Temperatures are likely to rise by 2-3°C during next 2 days and no significant change thereafter.

For more details kindly refer:

https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_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