



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

**Press Release
Date: 05th March, 2023
Time of Issue: 1330 hours IST**

Subject: Isolated rain/thunderstorm activity likely over Central & adjoining parts of West India during 05th-07th March.

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

- ❖ **Maximum Temperatures** are in the range of 35-38°C which are 3-5°C above normal over many parts of Gujarat, Maharashtra, Central and Peninsular India, Chhattisgarh and Odisha and in the range of 39-40°C which are 5-6°C above normal over Coastal Karnataka.
- ❖ **Maximum Temperatures** are in the range of 27-30°C which are 2-3°C above normal over Punjab, Haryana, Chandigarh, Delhi, West Uttar Pradesh and north Rajasthan and in the range of 30-34°C which are 2-4°C above normal over rest parts of plains of India.
- ❖ Yesterday, **Heat wave** conditions observed at isolated places over Coastal Karnataka.
- ❖ **Light rainfall/snowfall** observed at a few places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad. **Light rainfall** observed at a few places over West Madhya Pradesh; at isolated places over Rajasthan, East Madhya Pradesh and Sub-Himalayan West Bengal & Sikkim.

Weather Forecast and Warnings (Annexure I):

- ❖ The **Western Disturbance** as a trough in middle tropospheric westerlies runs roughly along Long. 66°E to the north of Lat. 23°N and an induced circulation lies over north Gujarat & adjoining southwest Rajasthan in lower levels. A trough runs from south Konkan to north Madhya Maharashtra at lower tropospheric levels. A fresh feeble western disturbance likely to affect Western Himalayan Region from 07th March, 2023. Under their influence:
 - Light isolated rainfall/snowfall very likely over Jammu & Kashmir and Ladakh during 05th-07th March and over Himachal Pradesh and Uttarakhand on 05th, 08th & 09th March.
 - Isolated light/moderate rainfall with thunderstorm activity very likely over Central and adjoining West India during next 4 days; **with gusty winds (speed 30-40 kmph)** over East Rajasthan on 06th & 07th March and **with hail** over East Rajasthan, Madhya Maharashtra and Marathwada on 07th March.
- ❖ Light isolated rainfall/snowfall also very likely over Arunachal Pradesh and Sub-Himalayan West Bengal & Sikkim during next 5 days; over Jharkhand, Odisha, and Gangetic West Bengal during 07th-09th march and over Tamil Nadu during next 24 hours.
- ❖ **Strong surface winds** (speed 20-30 kmph) very likely during day time over Uttar Pradesh and Delhi on 05th March.
- ❖ **Heat Wave conditions** very likely at isolated places over Coastal Karnataka on 05th March.

Heat Wave and Maximum Temperatures Forecast during next 5 days:

- ❖ **South India:** Heat wave conditions very likely in isolated pockets over Coastal Karnataka on 05th March. No significant change in maximum temperatures over South India during next 4-5 days.
- ❖ **Northwest India:** No significant change in maximum temperatures during next 3 days and rise by 2-3°C thereafter.
- ❖ **Central India:** Fall in maximum temperatures by about 2-3°C during next 3 days over Madhya Pradesh and Vidarbha and No significant change thereafter.
- ❖ No significant change in maximum temperatures over rest parts of the country during next 5 days.

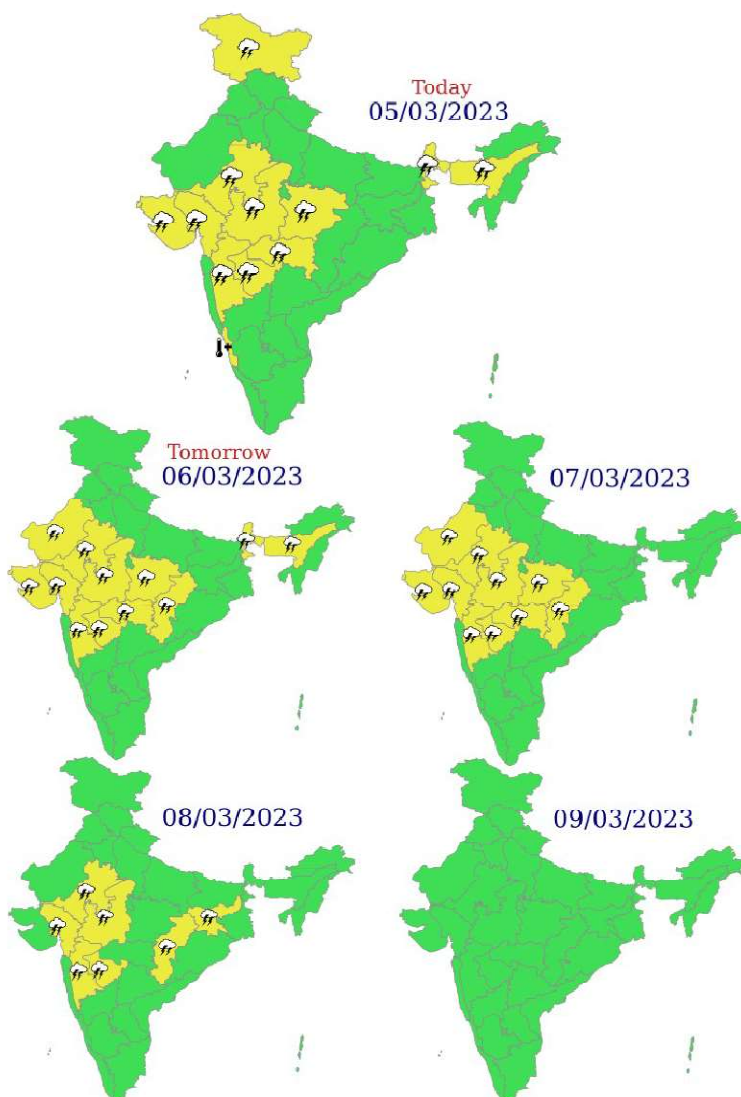
For more details kindly refer:

https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.php

Impacts and action suggested at the time of occurrence of thunderstorm.

- Stay indoors, close windows & doors and avoid travel if possible.
- Take safe shelters; do not take shelter under trees.
- Do not lie on concrete floors and do not lean against concrete walls.
- Unplug electrical/ electronic appliances.
- Immediately get out of water bodies.
- Keep away from all the objects that conduct electricity.
- Farming operations may be suspended during the event.

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:**
 - **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.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
 - **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