



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release
Date: 10th March, 2023
Time of Issue: 1230 hours IST

**Subject: (i) Isolated Rain/thunderstorm activity very likely over East India during next 2 days.
(ii) A fresh Western Disturbance likely to cause isolated/scattered rainfall & thunderstorm activity over Western Himalayan Region from the night of 12th to 14th March, 2023.**

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

- ❖ **Maximum Temperatures** are in the range of 37-38°C at isolated places over Saurashtra & Kutch, Konkan & Goa and Coastal Karnataka; 35-37°C over at many places over Vidarbha and Gujarat State and at isolated places over Chhattisgarh, Odisha, Telangana and West Rajasthan and 30-35°C over rest parts of the country except Western Himalayan Region.
- ❖ **Maximum Temperatures** are above normal by 4-6°C at isolated places over Jammu & Kashmir, Saurashtra & Kutch, Konkan & Goa and Coastal Karnataka; above normal by 2-4°C over at a few places over Punjab and at isolated places over West Rajasthan, Delhi, Bihar and Northeast India. These are below normal by 2-4°C at isolated places over West Madhya Pradesh, Tamil Nadu, Puducherry & Karaikal and Rayalaseema and near normal over rest parts of the country.
- ❖ Yesterday, **heat wave conditions** observed at isolated pockets of Konkan & Goa and Coastal Karnataka.
- ❖ **Light rainfall/snowfall** observed at isolated places over Himachal Pradesh and Uttarakhand. **Light rainfall/thundershowers** observed at isolated places over Andaman & Nicobar Islands, Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, Odisha, Jharkhand, Bihar, East Uttar Pradesh, Haryana, East Rajasthan, Madhya Pradesh and Chhattisgarh.

Weather Forecast and Warnings (Annexure I):

- ❖ A **trough in westerlies** runs from northeast Uttar Pradesh to Madhya Maharashtra across central Madhya Pradesh, Vidarbha and Marathwada in lower & middle tropospheric levels.
- ❖ Under its influence:
 - Isolated to scattered light rainfall activity with **thunderstorm & lightning** very likely over Chhattisgarh and Odisha on 10th; over Bihar, Jharkhand and Gangetic West Bengal during 10th-11th March, 2023.
 - **Thunderstorm with hail & gusty winds (speed 30-40 kmph)** very likely at isolated places over Jharkhand on 10th and with **gusty winds (speed 30-40 kmph)** over Jharkhand and Gangetic West Bengal on 11th March, 2023.
- ❖ A fresh **Western Disturbance** likely to affect Western Himalayan Region from the night of 12th March, 2023. Under its influence; isolated to scattered rainfall with thunderstorm activity likely over Western Himalayan Region during 12th-14th March, 2023.
 - Isolated to scattered light rainfall activity with **thunderstorm & lightning** very likely over Rajasthan on 13th; over West Madhya Pradesh, Madhya Maharashtra, Marathwada and Gujarat State during 13th-14th and over East Madhya Pradesh on 14th March, 2023.

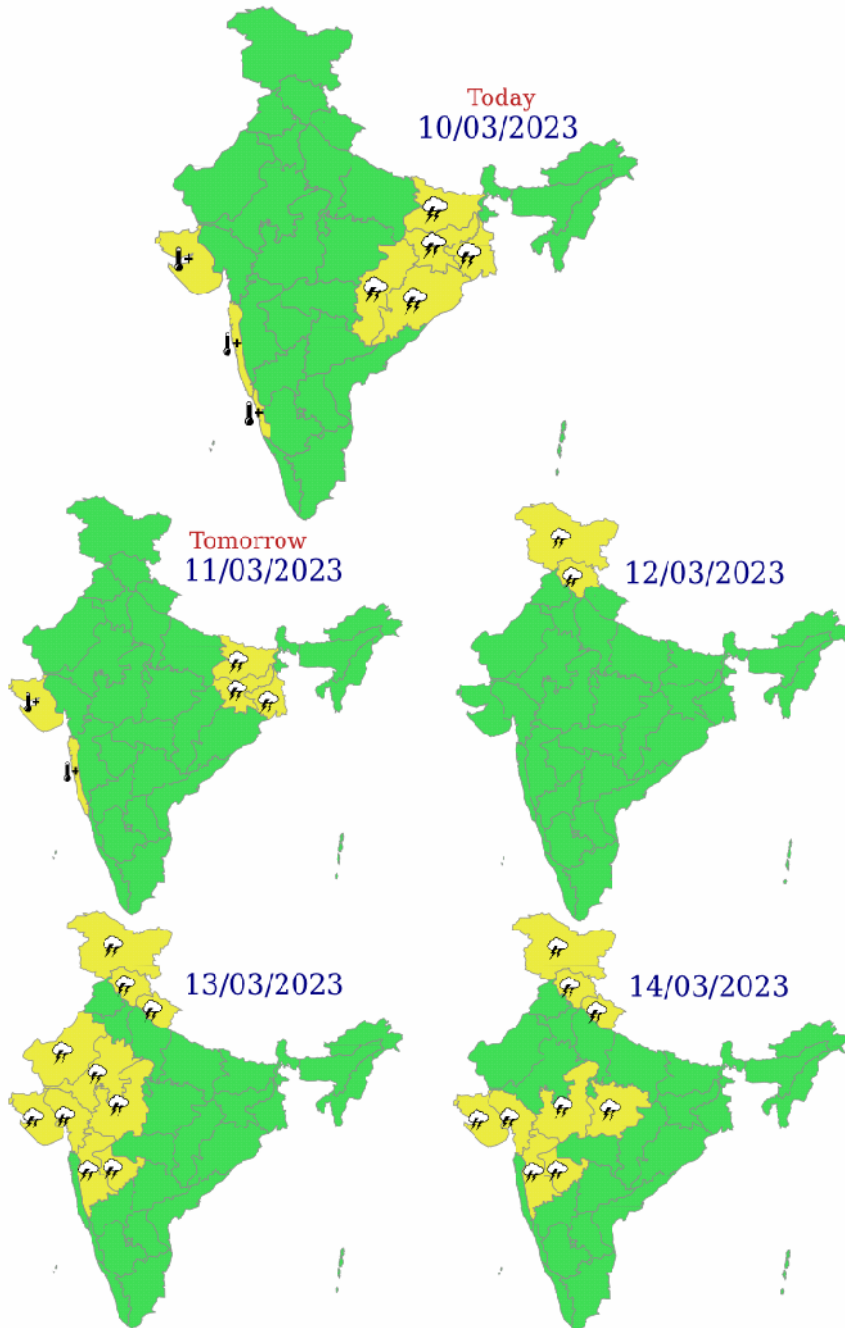
Maximum Temperatures Forecast and Heat Wave warnings during next 5 days:

- ❖ **Heat wave conditions very likely to occur at isolated places over Coastal Karnataka on 10th and over Konkan & Goa and Saurashtra & Kutch during 10th-11th March, 2023.**
- ❖ **Northwest India:** Gradual rise change in Maximum Temperatures by 2-3°C very likely during next 3 days and fall by 2-3°C thereafter.
- ❖ **West India:** Gradual rise in Maximum Temperatures by 2-3°C over Gujarat very likely during next 2 days and no change thereafter. No significant change in Maximum Temperatures very likely over Maharashtra during next 2 days and fall by 2-3°C thereafter.

- ❖ **Central India:** Gradual rise change in Maximum Temperatures by 2-3°C very likely during next 3 days and no change thereafter.
- ❖ **Rest parts of the Country:** No significant change in Maximum Temperatures very likely during next 5 days.

For more details kindly refer: https://mausam.imd.gov.in/imd_latest/contents/all_india_forecast_bulletin.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:**
 - **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