



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

**Press Release
Date: 08th March, 2023
Time of Issue: 1230 hours IST**

Subject: Isolated Rain/thunderstorms over East Rajasthan on 08th and over East Uttar Pradesh, Bihar, Jharkhand, West Bengal and Odisha during 08th-10th March 2023.

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

- ❖ **Maximum Temperatures** are in the range of 34-38°C over many parts of South Rajasthan, along the West Coast, Peninsular India, Odisha, and West Bengal; 29-33°C over the plains of rest parts of the Country. These are above normal by 2-4°C over many parts of the plains of Northwest India and along the west coast of India; Normal over rest parts of the country outside Central India, Interior Maharashtra and Telangana with below normal by 4-8°C.
- ❖ **Light rainfall/snowfall** observed at isolated places over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad and Himachal Pradesh. **Light/moderate rainfall/thundershowers** observed at **isolated places over** East Uttar Pradesh, Rajasthan, Madhya Pradesh, Vidarbha, Chhattisgarh, Jharkhand, Sub-Himalayan West Bengal & Sikkim, Odisha, Arunachal Pradesh, Assam & Meghalaya, Gujarat State, Marathwada, Madhya Maharashtra and Konkan & Goa.

Weather Forecast and Warnings (Annexure I):

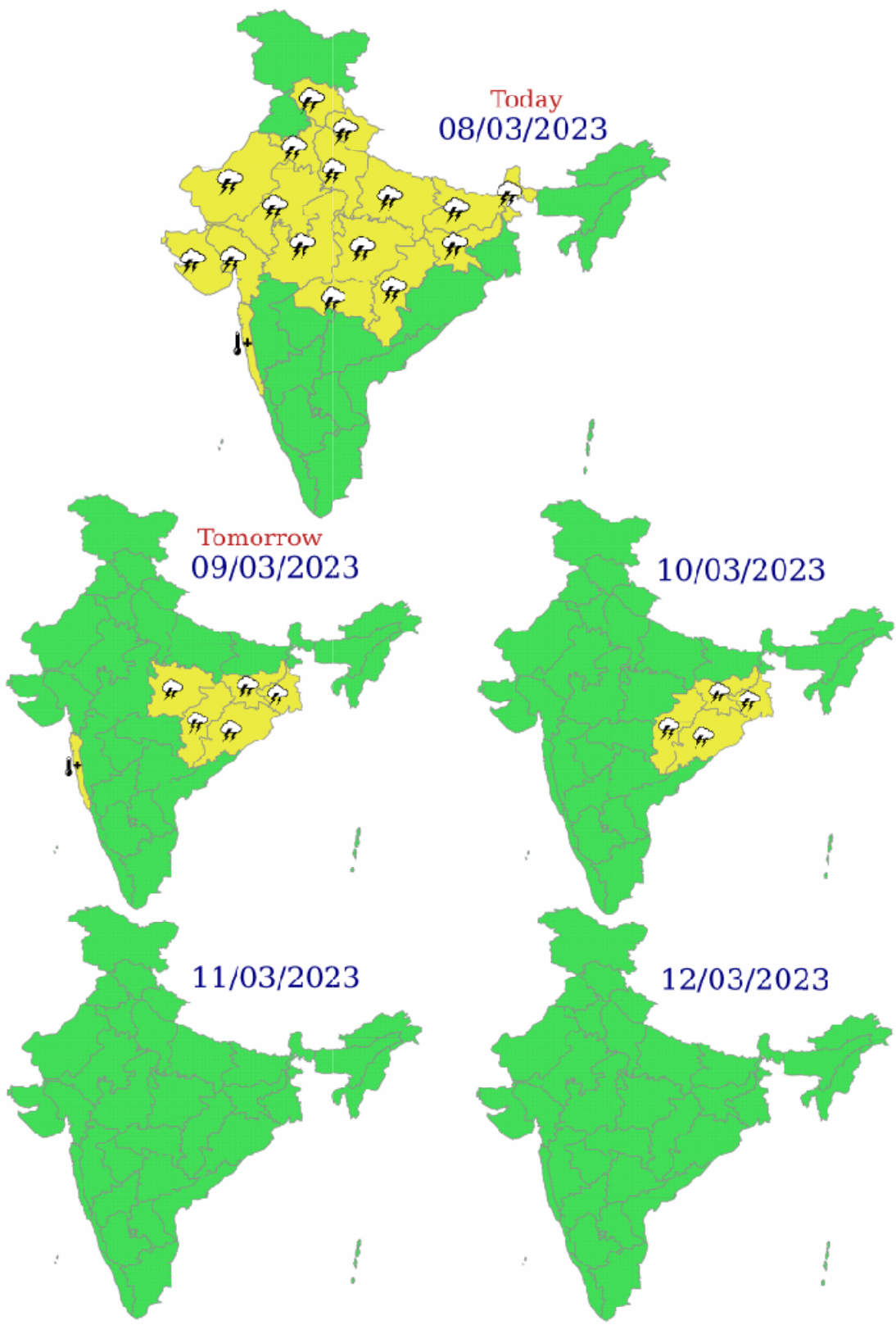
- ❖ The **Western Disturbance** as a trough in middle tropospheric westerlies now runs roughly along Long. 76°E to the north of Lat. 23°N and the induced circulation now lies over East Rajasthan & neighbourhood in lower levels.
- ❖ A cyclonic circulation lies over interior Odisha & adjoining Chhattisgarh in lower levels.
- ❖ Under their influence:
 - Isolated light rainfall with **thunderstorm** activity very likely over Himachal Pradesh, Uttarakhand, south Haryana, Rajasthan, West Madhya Pradesh, Vidarbha, Sub-Himalayan West Bengal & Sikkim on 8th; over East Uttar Pradesh, Bihar, Jharkhand, West Bengal, Odisha, East Madhya Pradesh, Chhattisgarh, during 08th-10th March 2023.
 - **Thunderstorm with Hailstorm** over Uttarakhand on 08th; **Hailstorm with gusty winds (speed 30-40 kmph) at isolated places over East Rajasthan on 08th March and Thunderstorm with gusty winds (speed 30-40 kmph) at isolated places over Chhattisgarh on 08th and over Jharkhand during 08th-10th March, 2023.**
 - Isolated light rainfall/thundershowers very likely over Arunachal Pradesh, Assam & Meghalaya during 08th-12th March, 2023.

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

- ❖ **Heat wave conditions** very likely to occur at isolated places over Konkan & Goa on 08th & 09th March, 2023.
- ❖ **Northwest India:** No significant change in Maximum Temperatures likely on 08th March and rise by 2-4°C during 09th-12th March.
- ❖ **Gujarat, Konkan & Goa:** No significant change in Maximum Temperatures likely over Gujarat on 08th & 09th March and rise by 3-5°C during 10th-12th March; Rise by 2-3°C over Konkan & Goa during 08th-10th March.
- ❖ **Central India & Interior Maharashtra:** Rise in Maximum Temperatures by 4-6°C during 08th-10th March.
- ❖ **Rest parts of the Country:** No significant change in Maximum Temperatures likely during next 5 days except Telangana where it is likely to rise by 4-6°C during 10th-12th March.

For more details kindly refer:

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:**
 - **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