



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

**Press Release
Date: 25th April, 2022
Time of Issue: 1215 hrs IST**

Subject:

- i) Heat wave conditions over Gujarat state & east India during next 4-5 days, likely to commence over central and northwest India from 27th April, 2022.**
- ii) Rain/Thunderstorm accompanied with lightning/gusty winds likely to continue over Northeast India.**

Weather observed during past 24 hours:

- ✓ **Heat wave conditions** observed in isolated pockets over Saurashtra & Kutch.
- ✓ **Maximum Temperatures** (as on 24/04/2022) were **42-44°C** over some parts of West Rajasthan, north Madhya Pradesh, East Uttar Pradesh, Gujarat and north interior Maharashtra and **40-42°C** over rest parts of central & northwest India except over north Punjab, north Haryana, northwest Uttar Pradesh and southeast Madhya Pradesh where they were **38-40°C** at a few places.

Maximum Temperature forecast and Heat Wave warning:

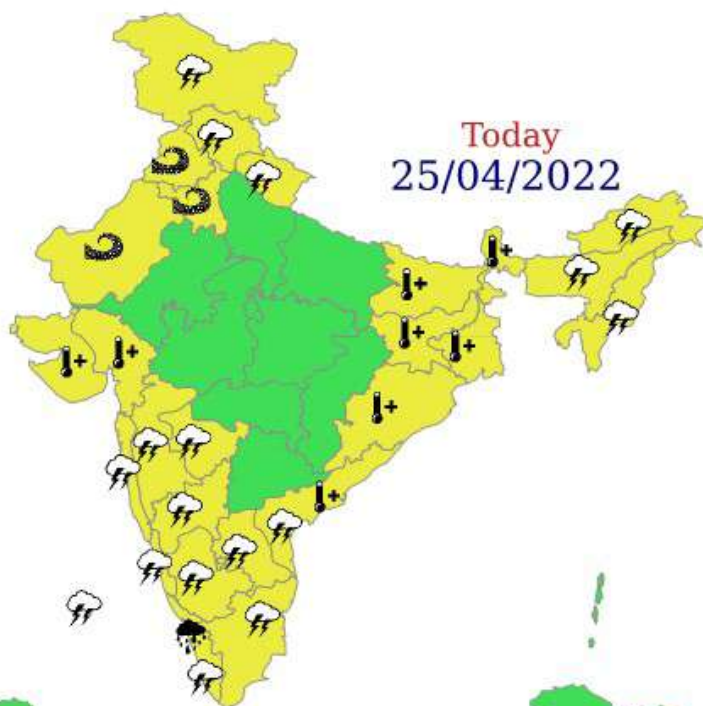
- ❖ Gradual rise in maximum temperatures by 2-3°C very likely over most parts of Northwest India during next 3 days and no large change thereafter.
- ❖ Gradual rise in maximum temperatures by 2-4°C very likely over Madhya Pradesh & Maharashtra during next 4 days and no large change thereafter.
- ❖ No large change in maximum temperatures very likely over Gujarat state today and gradual rise by 2-3°C thereafter.
- ❖ Gradual rise in maximum temperatures by 2-3°C very likely over East India during next 3 days and no large change thereafter.
- ❖ No significant change in maximum temperatures very likely over rest parts of the country.
- ❖ **Heat wave conditions** very likely to prevail in isolated pockets over Gujarat state & Odisha during next 5 days; north Coastal Andhra Pradesh & Sub-Himalayan West Bengal during 25th-27th; West Rajasthan & Madhya Maharashtra during 26th-29th; Bihar, Jharkhand, Gangetic West Bengal during 25th-28th and Punjab, south Haryana-Delhi, East Rajasthan, south Uttar Pradesh, Madhya Pradesh and Vidarbha during 27th-29th April, 2022.

Rainfall/thunderstorm Forecast & Warnings:

- ✓ Under the influence of north-south trough over East India and strong southwesterly winds from Bay of Bengal to northeastern States at lower tropospheric levels:
 - ❖ Fairly widespread/widespread rainfall very likely over Arunachal Pradesh, Assam-Meghalaya and isolated/scattered rainfall over Nagaland-Manipur-Mizoram-Tripura & Sub-Himalayan West Bengal & Sikkim during next 5 days. **Isolated heavy rainfall** very likely over Arunachal Pradesh on 26th & 29th and over Assam & Meghalaya during 26th-29th April.
 - ❖ **Thunderstorm/lightning/gusty winds (speed reaching 30-40 kmph)** at isolated places very likely over Arunachal Pradesh, Assam, Meghalaya & Nagaland-Manipur-Mizoram-Tripura during next 3 days.
- ✓ Due to trough/wind discontinuity over peninsular India in the lower tropospheric levels:
 - ❖ Isolated to scattered rainfall with **thunderstorm/lightning** very likely over Kerala, Karnataka, Tamil Nadu, Andhra Pradesh, Telangana and Rayalaseema during next 5 days.
 - ❖ **Isolated heavy rainfall** very likely over north Kerala on 25th April, 2022.
- ✓ Under the influence of the Western Disturbance, light isolated to scattered rainfall accompanied with isolated thunderstorm/lightning very likely over Western Himalayan Region and **Duststorm/thunderstorm** over adjoining plains of Punjab, Haryana & West Rajasthan on 25th April, 2022.
- ✓ Under the influence of a fresh Western Disturbance; light/moderate isolated to scattered rainfall accompanied with isolated thunderstorm/lightning very likely over Jammu & Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh on 28th & 29th and over Uttarakhand on 29th April, 2022.
- ✓ **Strong surface winds (speed reaching 25-35 kmph)** very likely over Punjab, Haryana, Chandigarh & Delhi, West Rajasthan on 28th & 29th and over East Rajasthan & Uttar Pradesh on 29th April.

For more details refer:

https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php



Today
25/04/2022



Tomorrow
26/04/2022



27/04/2022



28/04/2022



29/04/2022

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)



Heavy Rain



Strong Winds

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



Thunderstorm with Lightning



Heat Wave