



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

**Press Release  
Date: 25<sup>th</sup> 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 27<sup>th</sup> 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 **40-42°C** in most parts of Rajasthan, Madhya Pradesh, East Uttar Pradesh, Bihar, Gujarat state, Vidarbha, Odisha and Gangetic West Bengal; in some parts of Haryana-Delhi, Chhattisgarh, Jharkhand and in isolated pockets over Madhya Maharashtra, Marathawada, Telangana and Rayalaseema.

**Maximum Temperature forecast and Heat Wave warning:**

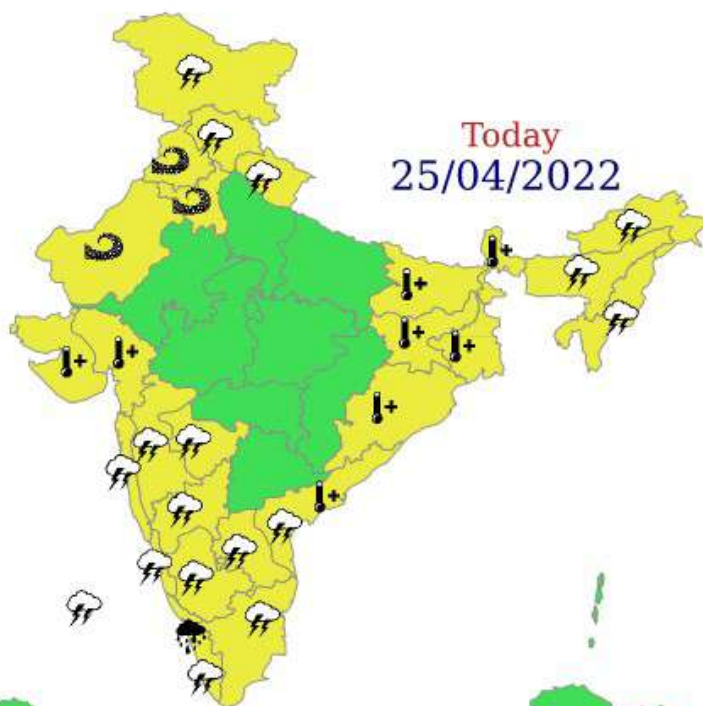
- ❖ Gradual rise in maximum temperatures by 2-3°C very likely over most parts of Northwest India during next 3 days and no large change thereafter.
- ❖ Gradual rise in maximum temperatures by 2-4°C very likely over Madhya Pradesh & Maharashtra during next 4 days and no large change thereafter.
- ❖ No 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 25<sup>th</sup>-27<sup>th</sup>; West Rajasthan & Madhya Maharashtra during 26<sup>th</sup>-29<sup>th</sup>; Bihar, Jharkhand, Gangetic West Bengal during 25<sup>th</sup>-28<sup>th</sup> and Punjab, south Haryana-Delhi, East Rajasthan, south Uttar Pradesh, Madhya Pradesh and Vidarbha during 27<sup>th</sup>-29<sup>th</sup> 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 26<sup>th</sup> & 29<sup>th</sup> and over Assam & Meghalaya during 26<sup>th</sup>-29<sup>th</sup> 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 25<sup>th</sup> 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 25<sup>th</sup> 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 28<sup>th</sup> & 29<sup>th</sup> and over Uttarakhand on 29<sup>th</sup> April, 2022.
- ✓ **Strong surface winds (speed reaching 25-35 kmph)** very likely over Punjab, Haryana, Chandigarh & Delhi, West Rajasthan on 28<sup>th</sup> & 29<sup>th</sup> and over East Rajasthan & Uttar Pradesh on 29<sup>th</sup> April.

**For more details refer:**

[https://mausam.imd.gov.in/imd\\_latest/contents/subdivisionwise-warning.php](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