



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

**Press Release  
Date: 26<sup>th</sup> April, 2022  
Time of Issue: 1230 hrs IST**

**Subject:**

- i) Heat wave conditions over east India during next 4-5 days, likely to commence over central, northwest & west 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** prevailed in isolated pockets over south Gujarat Region, Bihar, Jharkhand, Odisha and West Bengal.
- ✓ **Maximum Temperatures** (as on 25/04/2022) were **42-44°C** over many parts of West Rajasthan, West Madhya Pradesh, East Uttar Pradesh, Bihar, Vidarbha and over some parts of East Madhya Pradesh, Telangana, Gangetic West Bengal & Odisha and **40-42°C** over many parts of Gujarat, East Rajasthan, West Uttar Pradesh, Haryana-Delhi and in isolated pockets of Chhattisgarh, Jharkhand, Rayalaseema and interior Maharashtra.
- ✓ Isolated **hailstorm** observed over Jammu & Kashmir, Madhya Maharashtra and Telangana.
- ✓ **Duststorm/Thunderstorm & gusty winds** observed at isolated places over Rajasthan, Haryana-Delhi & West Uttar Pradesh.
- ✓ **Chief amount of rainfall (in cm): North Goa:** Pernem-7, **Telangana:** Kothagudem: Gundala-6, **Arunachal Pradesh:** Tuting, Kabu Basti-5, Basar-4; **Interior Karnataka:** Gadag-5, Davangere-4.

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

- ✓ Gradual rise in maximum temperatures by 2-4°C very likely over most parts of Northwest & Central India during next 3 days and no large change thereafter.
- ✓ Gradual rise in maximum temperatures by 2-3°C very likely over Gujarat & Maharashtra during next 4-5 days.
- ✓ 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**

- ❖ Vidarbha & interior Odisha during next 5 days;
- ❖ Bihar & Sub-Himalayan West Bengal on 26<sup>th</sup> & 27<sup>th</sup> April
- ❖ Jharkhand, Gangetic West Bengal during 26<sup>th</sup>-29<sup>th</sup> April
- ❖ Gujarat state, Rajasthan, Uttar Pradesh, Madhya Pradesh during 27<sup>th</sup>-30<sup>th</sup> April
- ❖ Punjab, Haryana, Chandigarh & Delhi, Madhya Maharashtra & Chhattisgarh during 28<sup>th</sup>-30<sup>th</sup> April
- ❖ Telangana on 27<sup>th</sup> & 28<sup>th</sup> April, 2022.

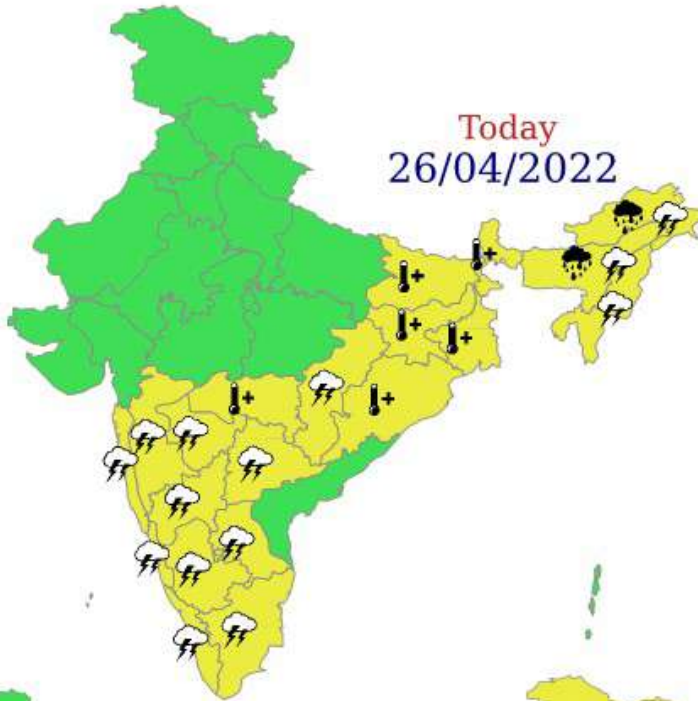
**Rainfall/thunderstorm Forecast & Warnings:**

- ✓ 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 with **thunderstorm/lightning/gusty winds (speed reaching 40-50 kmph)** 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 & Assam & Meghalaya on 26<sup>th</sup>, 27<sup>th</sup>, 29<sup>th</sup> & 30<sup>th</sup> April.
  - ❖ Isolated **hailstorm** also likely over Assam & Meghalaya on 27<sup>th</sup> April.
- ✓ 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 during 28<sup>th</sup>-30<sup>th</sup> and over Uttarakhand on 29<sup>th</sup> & 30<sup>th</sup> April, 2022. Isolated **hailstorm** also likely over Jammu & Kashmir on 28<sup>th</sup> April, 2022.
- ✓ Light isolated rainfall with **Duststorm/thunderstorm/lightning/gusty winds** likely over Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh & Rajasthan on 29<sup>th</sup> April.
- ✓ **Strong dust raising winds (speed reaching 25-35 kmph)** very likely over Rajasthan during 26<sup>th</sup>-29<sup>th</sup> April.
- ✓ Due to trough/wind discontinuity over peninsular India in 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.

**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  
26/04/2022



Tomorrow  
27/04/2022



28/04/2022



29/04/2022



30/04/2022



## 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