



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

**Press Release
Date: 04th April, 2023
Time of Issue: 1300 hours IST**

Subject: Rise in maximum temperatures by 3-5°C over most parts of North India during next 5 days.

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

Weather Forecast and Warnings (Graphics in Annexure II):

- ❖ A Western Disturbance as a trough in mid & upper tropospheric westerlies runs roughly along Long. 60°E to the north of Lat. 32°N.
- ❖ A north-south trough/wind discontinuity runs from Jharkhand to south interior Tamil Nadu across interior Odisha, Coastal Andhra Pradesh and Rayalaseema at 0.9 km above mean sea level.
- ❖ A cyclonic circulation lies over south Assam & neighbourhood at 0.9 km above mean sea level.
- ❖ **Under the influence of above synoptic features, following weather is expected:**

Northwest India:

- Light isolated/scattered rainfall over the Western Himalayan Region during next 3 days with isolated thunderstorm/lightning during next 24 hours.
- Light isolated rainfall over the plains during next 24 hours and dry weather thereafter.

East India:

- Light isolated rainfall over the region during next 48 hours and dry weather thereafter.

Northeast India:

- Light to moderate scattered/fairly widespread rainfall over the region during next 48 hours and gradual reduction thereafter.
- Isolated hailstorm over east Arunachal Pradesh and northeast Assam during next 24 hours.

Central India:

- Light/moderate isolated rainfall over Vidarbha and Chhattisgarh during next 5 day with isolated thunderstorm/lightning during 06th-07th April.

West India:

- Light/moderate isolated rainfall with isolated thunderstorm/lightning over Southern parts of Madhya Maharashtra and Marathwada during 06th-08th April.

South India:

- Light/moderate isolated to scattered rainfall with isolated thunderstorm/lightning over Telangana and interior Karnataka during 06th-07th April and over Tamilnadu, Kerala and Coastal Andhra Pradesh during next 5 days.

Maximum Temperatures Forecast during next 5 days:

- ❖ Maximum temperatures are below normal by 2-4°C over most parts of north India. It is likely to rise by 3-5°C over most parts of North India becoming near to above normal during next 5 days.
- ❖ **No heat wave likely over any part of country during next 5 days.**

For more details kindly refer:

https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php

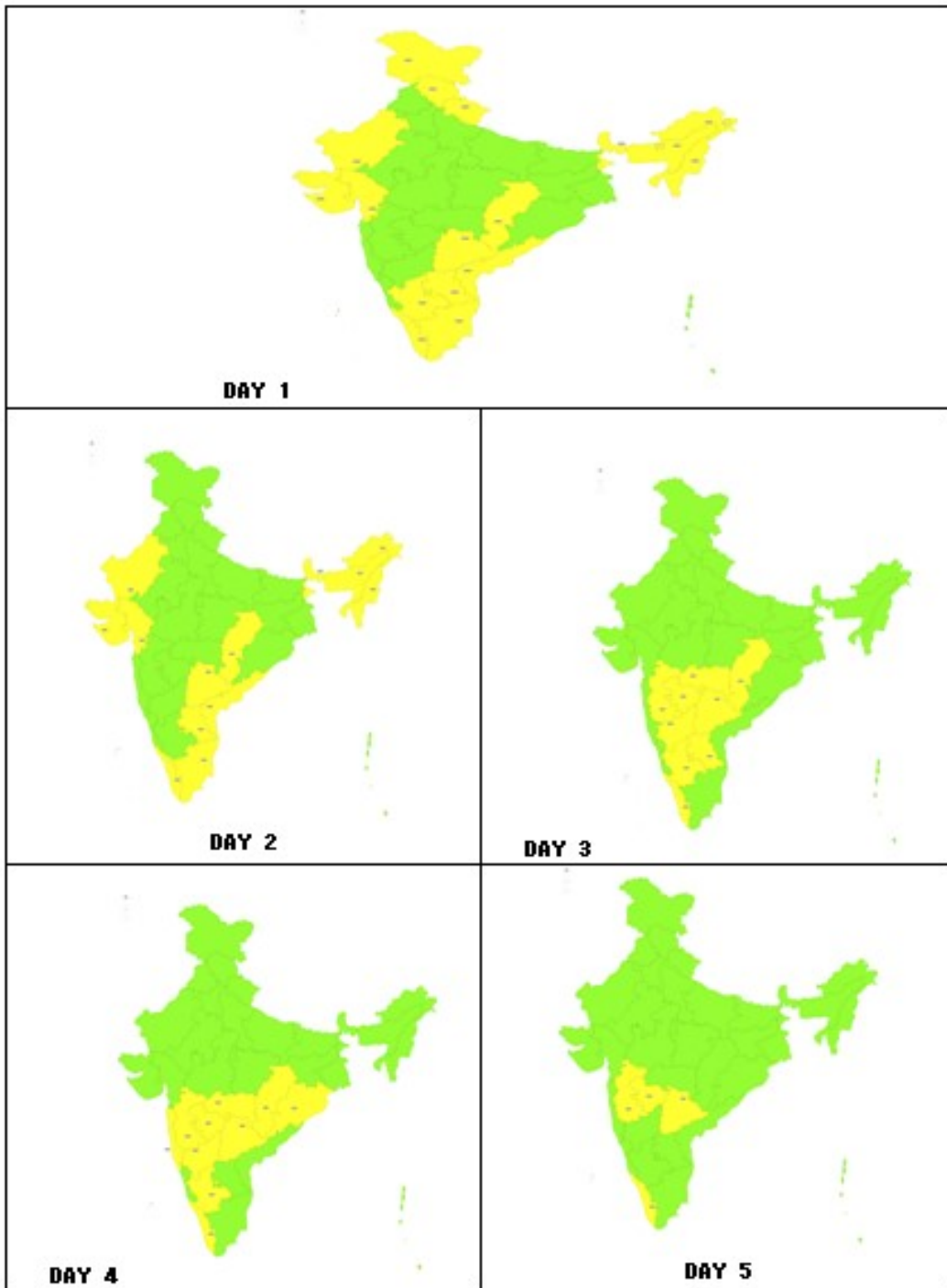
<https://mausam.imd.gov.in/responsive/districtWiseNowcast.php>

Agromet advisories farmers

- Postpone harvesting of crops in Arunachal Pradesh, keep already harvested produce in a safe place or cover the heaps of already harvested produce in the field with tarpaulin sheets.
- Postpone sowing of maize in Arunachal Pradesh, Assam and Nagaland.
- Drain out excess water from crop fields in North Eastern States.
- Provide mechanical support to horticultural crops and staking to vegetables.
- Use hail nets to protect orchards in East Arunachal Pradesh and North East Assam.

Annexure I

- ❖ **Light/moderate rainfall/thundershowers** observed **at most places** over Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; **at many places** over Himachal Pradesh, Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura; **at a few places** over Punjab, Haryana, Chandigarh & Delhi, West Rajasthan, Sub-Himalayan West Bengal & Sikkim and Kerala & Mahe and **at isolated places** over Uttarakhand, Uttar Pradesh, East Rajasthan, Jharkhand, Odisha, Coastal Andhra Pradesh & Yanam, Telangana, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal.
- ❖ **Thunderstorm observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi, Uttar Pradesh, Rajasthan, Assam & Meghalaya, Manipur, Odisha, Rayalaseema, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe.
- ❖ **Hailstorm observed** (from 0830 hours IST of yesterday to 0830 hours IST of today): at isolated places over Jammu & Kashmir, Himachal Pradesh, West Rajasthan and Telangana.
- ❖ **Heavy rainfall** occurred at isolated over Tamilnadu.
- ❖ **Significant amount of rainfall (in cm):**
 - **Tamilnadu:** Kunderipallam (dist Erode) 10, Gobichettipalayam (dist Erode), Billimalai Estate (dist Nilgiris) 9 each, Ayikudi (dist Tenkasi) 7;
 - **South Interior Karnataka:** Kollegal (Chamarajanagar dt) 9;
 - **Rayalaseema:** Kuppam (Dist Chittoor) 4;
 - **Telangana:** Chandur (Dist Nalgonda) 4;
 - **Assam & Meghalaya:** Silchar (dist Cachar) 5;



Legends:

- ❖ **Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **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-Himalaya 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, Tamilnadu, 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