



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

**Press Release  
Date: 05<sup>th</sup> April, 2023  
Time of Issue: 1345 hours IST**

**Subject: Light to moderate rainfall with thunderstorm & lightening over Interior Maharashtra, Telangana & Odisha on 07<sup>th</sup> April and no significant weather over Northwest and Central 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 middle tropospheric westerlies runs roughly along Long. 64°E to the north of Lat. 30°N.
- ❖ The trough/wind discontinuity runs from central parts of Chhattisgarh to south Tamil Nadu in lower tropospheric levels.
- ❖ A cyclonic circulation lies over northeast Bangladesh and another over southwest Rajasthan & adjoining Pakistan in lower tropospheric levels.

**Under the influence of above synoptic features, following weather is expected:**

**Northwest & Central India:**

- No significant weather over the region during next 5 days.

**East India:**

- Light isolated rainfall with thunderstorm/lightning/gusty winds over Odisha during next 4 days and over Sub-Himalayan West Bengal & Sikkim on 05<sup>th</sup> April. Isolated **hailstorm** also likely over Odisha on 07<sup>th</sup> April.

**Northeast India:**

- Light to moderate scattered/fairly widespread rainfall with thunderstorm/lightning/gusty winds over the region on 05<sup>th</sup> April and reduction thereafter.
- Isolated **heavy rainfall** over south Assam & Meghalaya and Manipur, Mizoram & Tripura on 05<sup>th</sup> April.

**West India:**

- Light/moderate isolated/scattered rainfall with isolated thunderstorm/lightning over the region during next 5 days. Isolated **hailstorm** also likely over Madhya Maharashtra & Marathwada on 07<sup>th</sup> April.

**South India:**

- Light/moderate isolated to scattered rainfall with isolated thunderstorm/lightning over Telangana and Kerala during next 4 days. Isolated **hailstorm** also likely over Telangana on 07<sup>th</sup> April.

**Maximum Temperatures Forecast during next 5 days:**

- ❖ Maximum temperatures are below normal by 2-4°C over many parts of northwest India, Gujarat and Madhya Pradesh slightly below normal to normal over remaining parts of the country. It is likely to gradual rise by 2-4°C over many parts of Northwest & Central India becoming near normal during next 5 days.
- ❖ **No heat wave conditions likely over any part of country during next 5 days.**

For more details kindly refer:

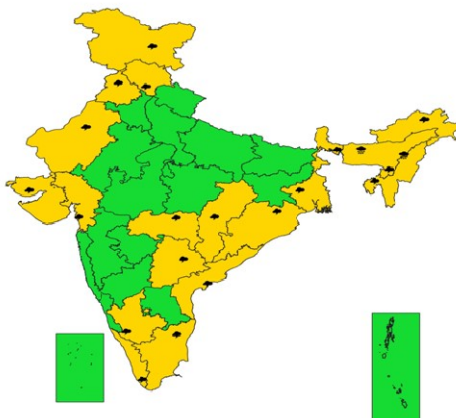
[https://mausam.imd.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php)

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

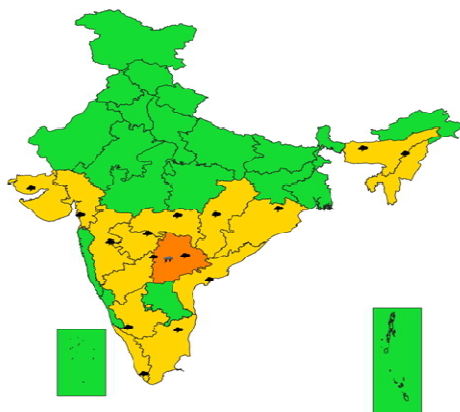
- ❖ **Light/moderate rainfall/thundershowers: at most places** Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura; at many places over Arunachal Pradesh, Jammu & Kashmir; at a few places over Odisha, Uttarakhand, Himachal Pradesh; at isolated places over West Bengal & Sikkim, Jharkhand, Uttar Pradesh, East Rajasthan, Madhya Pradesh, Saurashtra & Kutch, Madhya Maharashtra, Chhattisgarh, Coastal Andhra Pradesh, Telangana, Rayalaseema, Tamil Nadu, South Interior Karnataka and Kerala & Mahe.
- ❖ **Hailstorm:** at isolated places over Jammu & Kashmir, Himachal Pradesh, Uttarakhand, East Rajasthan and Odisha.
- ❖ **Thunder squall:** at isolated places over Gangetic West Bengal
- ❖ **Heavy rainfall :** occurred at isolated over Kerala and Assam & Meghalaya
- ❖ **Significant amount of rainfall (in cm):**
  - **KERALA:** Kurudamannil (Pathanamthitta district) 8;
  - **TAMILNADU:** Ayikudi (dist Tenkasi), Tirupoondi (dist Nagapattinam) 5 each, Manamadurai (dist Sivaganga) 4, Neivasal Thenpathi (dist Thanjavur), Shanthi Vijaya School (dist Nilgiris), Ponnaniyar Dam (dist Trichy), Thekkadi (dist Theni), Sattur (dist Virudhunagar), Thirukuvalai (dist Nagapattinam), Yercaud (dist Salem) 3 each;
  - **RAYALASEEMA:** Palamaner (dist Chittoor) 3, Sambepalle (dist Annamayya District) 3; **Arunachal Pradesh:** Mukto\_arg (dist Tawang) 5, Deomali (dist Tirap) 4, Tawang\_ Aws (dist Tawang) 4, Deomali\_aws (dist Tirap) 4,
  - **Assam & Meghalaya:** Cherrapunji (dist East Khasi Hills) 7, Karimganj\_aws (dist Karimganj) 7, B P Ghat (dist Karimganj) 6, Dholai (dist Cachar) 6;
  - **NMMT:** Mon Sadar Nsdma\_aws (dist Mon) 5, Chottabekra (dist Imphal West) 5.



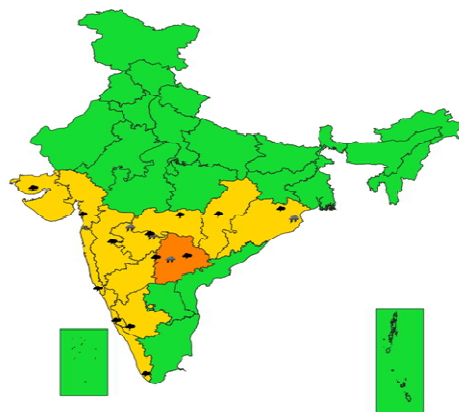
SUBDIVISIONWISE WEATHER WARNING FOR DAY 1  
( 5-4-2023 )



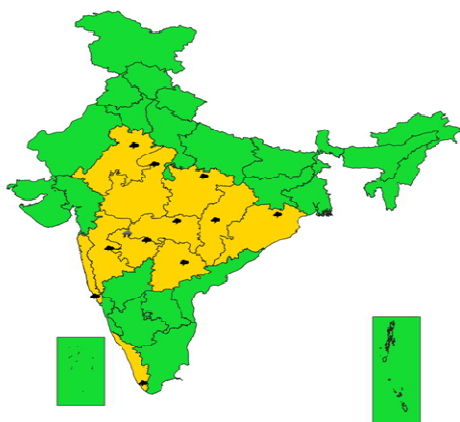
SUBDIVISIONWISE WEATHER WARNING FOR DAY 2  
( 6-4-2023 )



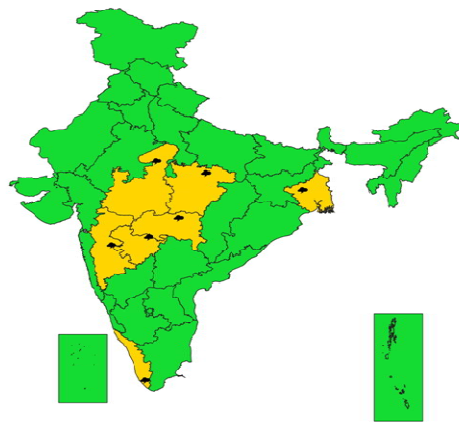
SUBDIVISIONWISE WEATHER WARNING FOR DAY 3  
( 7-4-2023 )



SUBDIVISIONWISE WEATHER WARNING FOR DAY 4  
( 8-4-2023 )



SUBDIVISIONWISE WEATHER WARNING FOR DAY 5  
( 9-4-2023 )



## 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)

#### Subdivision Warning

- ☁ Heavy Rain
- ❄ Heavy Snow
- ⚡ Thunderstorms & Lightning
- ⚡ Hailstorm

#### Dust Storm

- 🌪 Strong Surface Winds
- 🔥 Heat Wave
- ❄ Cold wave
- 🌫 Fog

#### Subdivision color

- 🟢 NO WARNING
- 🟡 WATCH (BE UPDATED)
- 🟠 ALERT (BE PREPARED)
- 🔴 WARNING (TAKE ACTION)

Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75