



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

**Press Release**  
**Date: 31<sup>st</sup> October, 2023**  
**Time of Issue: 1200 hours IST**

**Subject: (i) Fairly widespread rainfall with isolated heavy falls over Kerala and Tamil Nadu likely to continue today.**

**(ii) A fresh spell of light to moderate rainfall at many places with isolated heavy rainfall likely over Tamil Nadu, Kerala-Mahe and South Interior Karnataka during 03rd-05th November.**

**(ii) No significant weather over rest parts of the country during next 5 days.**

**Rainfall recorded during past 24 hours till 0830 hours IST of today (31<sup>st</sup> Oct. 2023):**

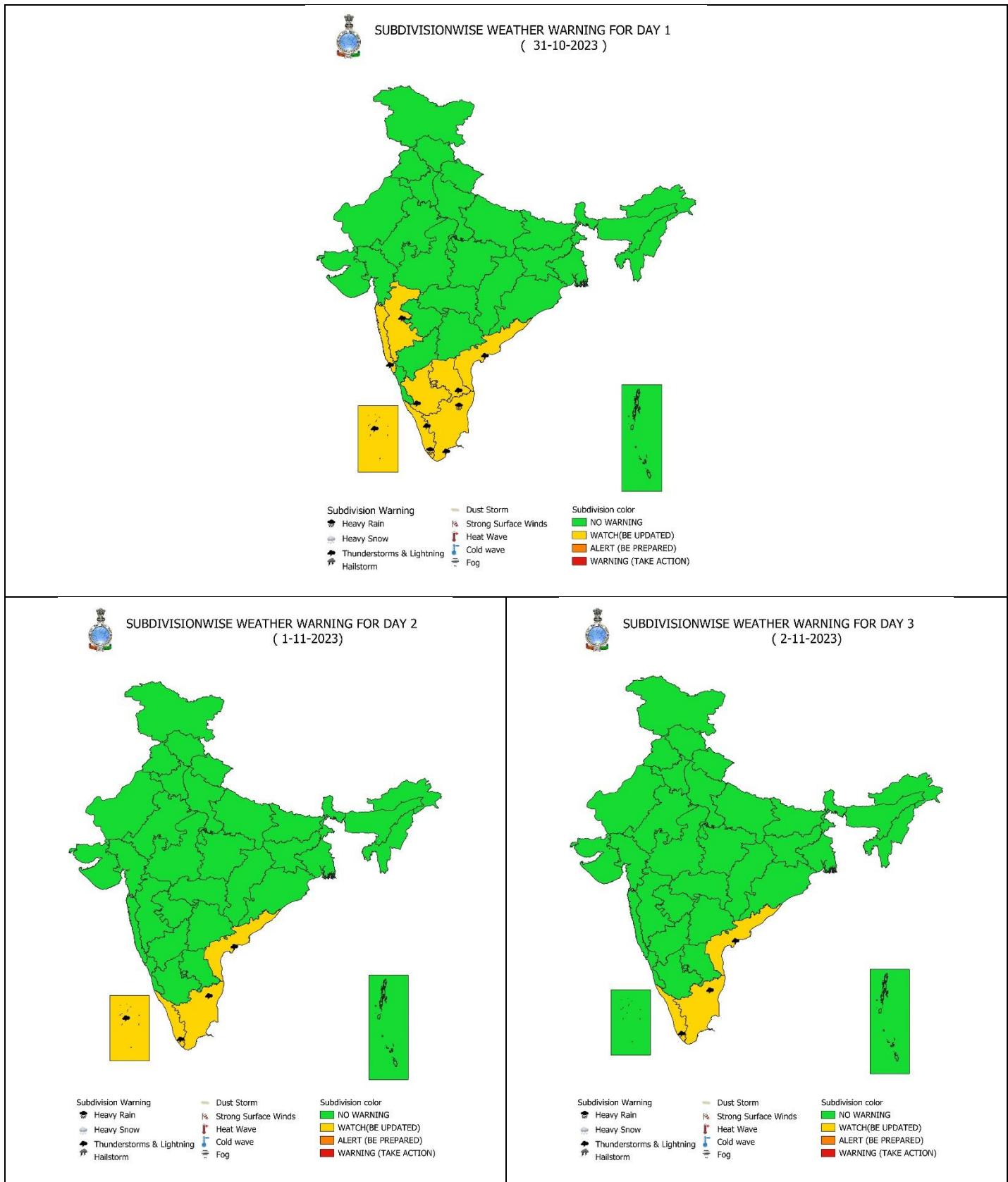
- ❖ Heavy rainfall recorded at isolated places over Kerala and Tamilnadu.
  - ❖ Significant Rainfall Amount: **Tamilnadu:** Puzhal (dist Tiruvallur), Arani (dist Tiruvannamalai), Tirupattur (dist Tirupathur) 7 each,
  - ❖ **Kerala:** Kunnamkulam AWS (Thrissur district) 8, Kunnamkulam (Thrissur district) 7.

**Weather forecast & warnings for next 5 days: (Graphics in Annexure I)**

- ❖ Under the influence of strong Easterly/Northeasterly winds flow from Bay of Bengal to South Peninsular India in lower tropospheric levels:
  - ✓ Isolated **heavy rainfall** very likely over Tamil Nadu and Kerala-Mahe on 31<sup>st</sup> October.
  - ✓ A fresh spell of Light to moderate rainfall at many places with thunderstorm & lightning and isolated heavy falls likely over Tamil Nadu, Kerala & Mahe and South Interior Karnataka during 03<sup>rd</sup>-05<sup>th</sup> November.
- ❖ Under the influence of feeble Western Disturbance, light rainfall/snowfall at isolated places likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and Himachal Pradesh during 01<sup>st</sup>-02<sup>nd</sup> November.
- ❖ **No significant weather likely over rest parts of the country.**

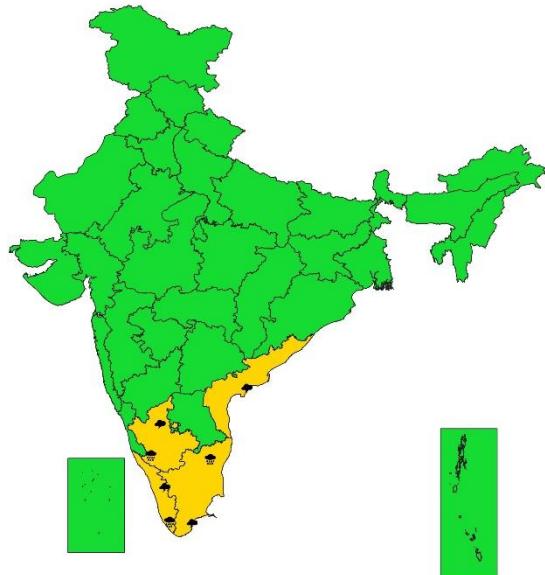
For more details kindly refer: [https://mausam.imd.gov.in/responsive/all\\_india\\_forcast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php)

## Annexure I





SUBDIVISIONWISE WEATHER WARNING FOR DAY 4  
( 3-11-2023)



Subdivision Warning

- Heavy Rain
- Heavy Snow
- Thunderstorms & Lightning
- Hailstorm

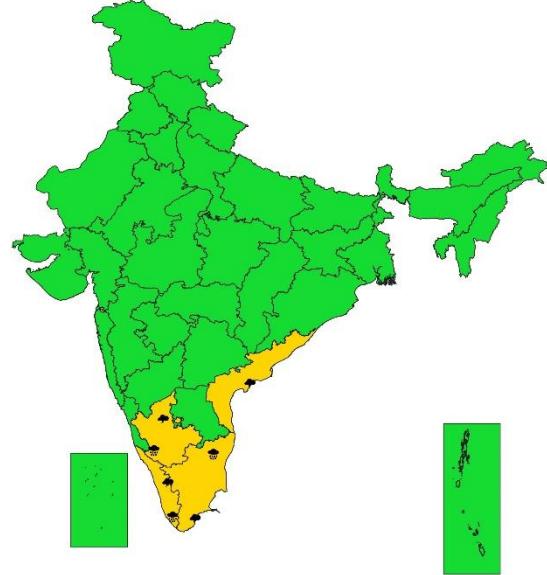
Dust Storm  
Strong Surface Winds  
Heat Wave  
Cold wave  
Fog

Subdivision color

- NO WARNING
- WATCH(BE UPDATED)
- ALERT (BE PREPARED)
- WARNING (TAKE ACTION)



SUBDIVISIONWISE WEATHER WARNING FOR DAY 5  
( 4-11-2023)



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)

## Legends:

- ❖ **Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **Obsy:** Observatory; **AWS:** Automatic Weather Station; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation
- ❖ **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, 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 Widespred (FWS/ Many Places) | 1-25       | Isolated (ISOL)               |

|                           |                      |                       |
|---------------------------|----------------------|-----------------------|
| Subdivision Warning       | Dust Storm           | Subdivision color     |
| Heavy Rain                | Strong Surface Winds | NO WARNING            |
| Heavy Snow                | Heat Wave            | WATCH(BE UPDATED)     |
| Thunderstorms & Lightning | Cold wave            | ALERT (BE PREPARED)   |
| Hailstorm                 | Fog                  | WARNING (TAKE ACTION) |

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

| Flash Flood Risk            |  |
|-----------------------------|--|
| High Risk (Take Action)     |  |
| Moderate Risk (Be Prepared) |  |
| Low Risk (Be Updated)       |  |