



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

Press Release
Date: 27th October, 2023
Time of Issue: 1145 hours IST

Subject: (i) Isolated heavy rainfall very likely over Tamil Nadu, Kerala & Mahe during 27th -30th and over South Interior Karnataka on 29th & 30th October.

(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 (27th Oct. 2023):

Heavy Rainfall recorded at isolated places over Kerala and Tamil Nadu.

Rainfall Distribution: Kerala: Kunnathanam AWS (Pathanamthitta district) 7. **Tamil Nadu:** Mambhathuraiyaru (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Kurunthancode (dist Kanniyakumari), Bhoothapandy (dist Kanniyakumari) 7 each.

Significant Weather features:

❖ A **Western Disturbance** runs as a trough in middle tropospheric westerlies with its axis at 5.8 km above mean sea level roughly along Long. 54°E to the north of Lat. 24°N.

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

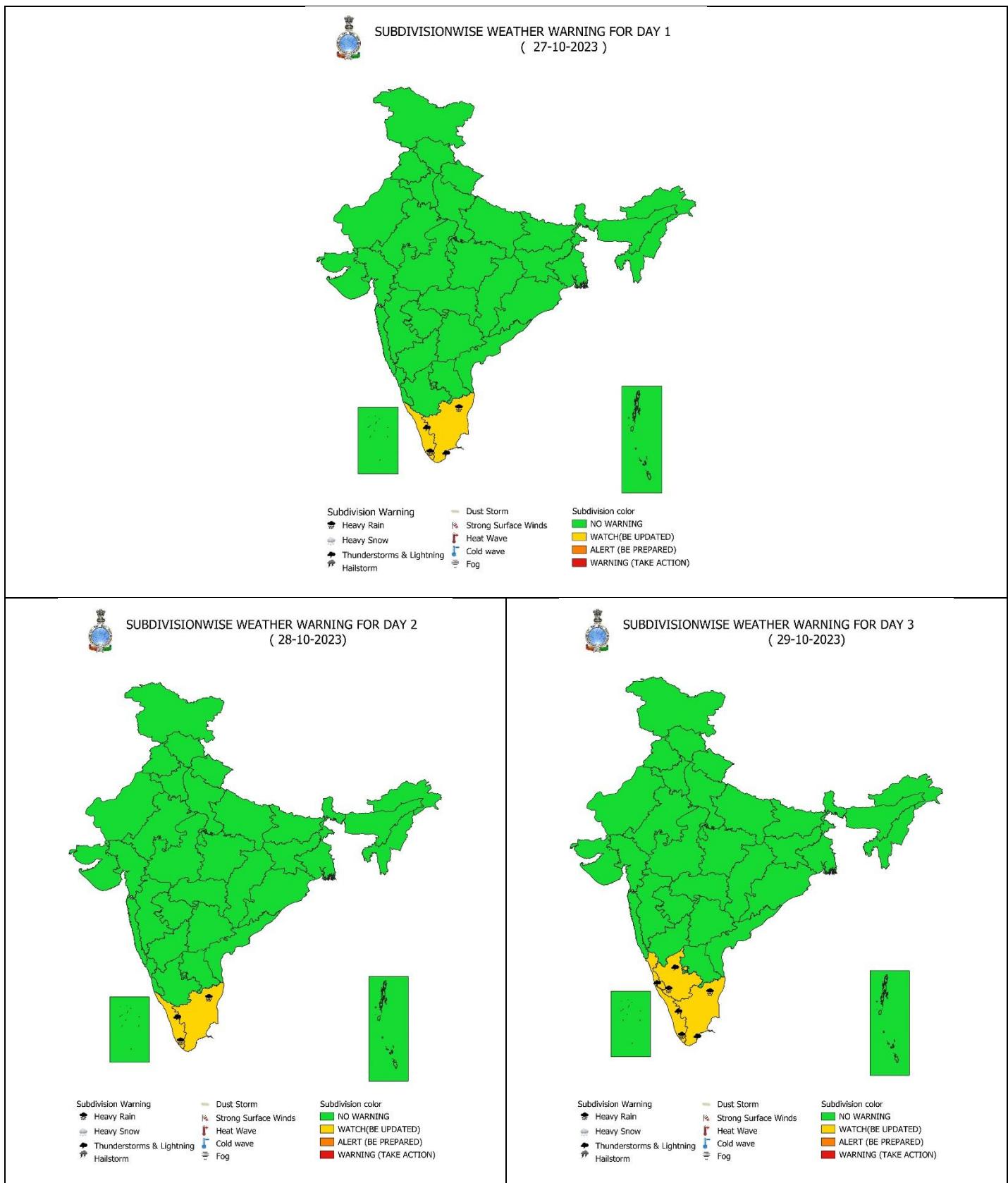
South India:

❖ Light to moderate rainfall at some/ many places with isolated thunderstorm, lightning very likely over Kerala & Mahe and Tamil Nadu, Puducherry & Karaikal during next 5 days and over Coastal Karnataka and South Interior Karnataka on 29th & 30th October.
❖ Isolated **heavy rainfall** also very likely over Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe during 27th-30th October and over South Interior Karnataka on 29th & 30th October.

No significant weather likely over rest parts of the country.

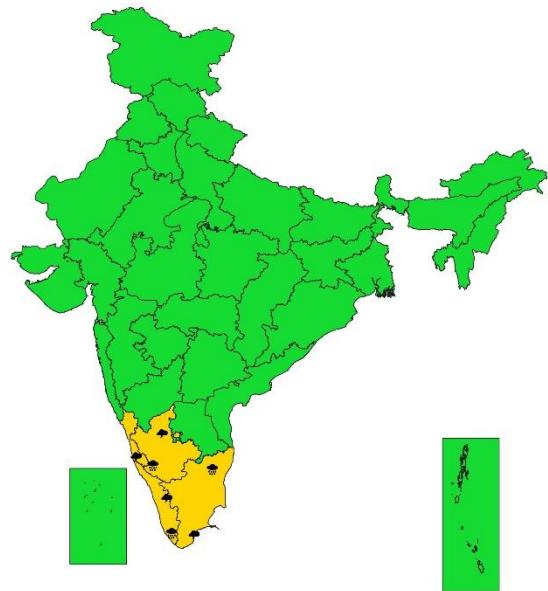
For more details kindly refer: https://mausam.imd.gov.in/responsive/all_india_forcast_bulletin.php

Annexure I





SUBDIVISIONWISE WEATHER WARNING FOR DAY 4
(30-10-2023)



Subdivision Warning

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

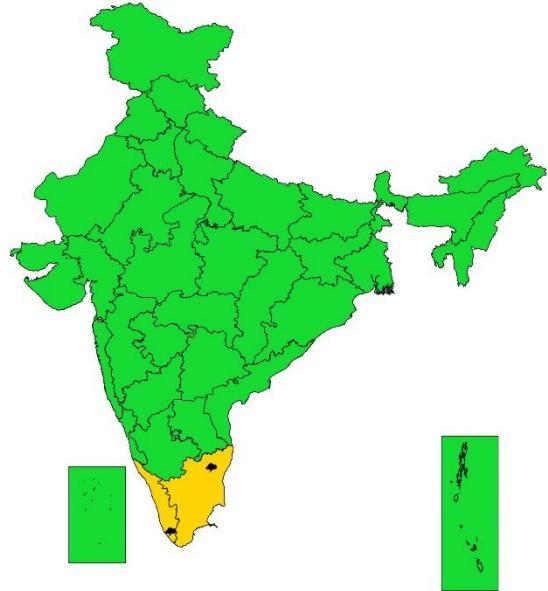
Dust Storm
Strong Surface Winds
Heat Wave
Cold wave
Fog

Subdivision color

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



SUBDIVISIONWISE WEATHER WARNING FOR DAY 5
(31-10-2023)



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)