



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

**Press Release.  
Date: 11<sup>th</sup> October, 2023  
Time of Issue: 1230 hours IST**

**Subject: 1) A fresh Western Disturbance is likely to affect Western Himalayan Region from 13<sup>th</sup> night and plains of Northwest India from 14<sup>th</sup> October.  
2) Isolated heavy rainfall very likely to continue over South Interior Karnataka, Tamil Nadu and Kerala during next 2 days and reduction thereafter.**

**Rainfall recorded during past 24 hours till 0830 hours IST of today, the 11<sup>th</sup> Oct, 2023: [Annexure I](#):**

**Withdrawal of Southwest Monsoon: ([Annexure II](#))**

- ❖ Conditions are favourable for further withdrawal of Southwest Monsoon from some more parts of Bihar, Jharkhand, Chhattisgarh; some parts of Gangetic West Bengal & Odisha; some more parts of Karnataka and remaining parts of Telangana, Maharashtra and Central Arabia Sea during next 2 days.

**Significant Weather features:**

- ❖ A cyclonic circulation lies over Rayalaseema & adjoining South Interior Karnataka and a trough runs from this cyclonic circulation to Comorin area in lower tropospheric levels.
- ❖ A fresh Western Disturbance likely to affect Western Himalayan Region from 13<sup>th</sup> night and plains of northwest India from 14<sup>th</sup> October, 2023.

**Weather warnings for next 5 days: ([Graphics in Annexure III](#))**

**South India:** Light to moderate rainfall at some places with isolated **heavy rainfall** accompanied with thunderstorm & lightning very likely over Kerala during 11<sup>th</sup>-13<sup>th</sup> October; over Tamil Nadu on 11<sup>th</sup> & 12<sup>th</sup> October and over South Interior Karnataka on 11<sup>th</sup> October and reduction thereafter.

**Northwest India:** Light to moderate rainfall at some to many places very likely over Jammu-Kashmir-Gilgit-Baltistan-Muzaffarabad during from 13<sup>th</sup>-17<sup>th</sup> October and over Himachal Pradesh and Punjab during 14<sup>th</sup>-17<sup>th</sup> October. Light rainfall at isolated places over Uttarakhand, Haryana, Uttar Pradesh and Rajasthan during 15<sup>th</sup>-17<sup>th</sup> October.

**Northeast India:** Light to moderate rainfall at some places accompanied with thunderstorm & lightning very likely over Nagaland, Manipur, Mizoram & Tripura on 11<sup>th</sup> & 12<sup>th</sup> October and reduction thereafter.

**East India:** Light to moderate rainfall at some places very likely over Sub-Himalayan West Bengal during next 24 hours and reduction thereafter. Light to moderate rainfall at some to many places very likely over Andaman & Nicobar Islands during next 5 days.

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

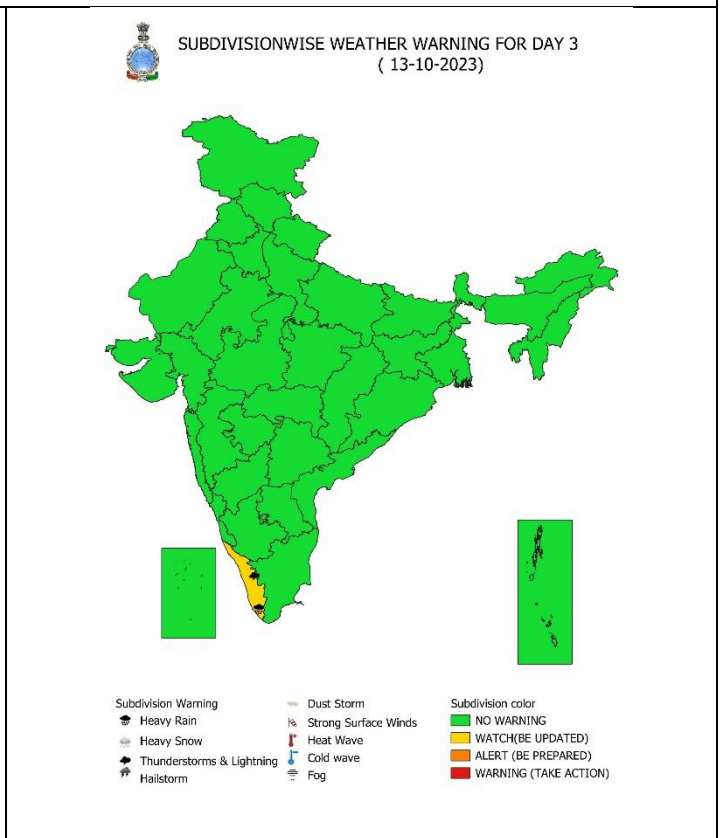
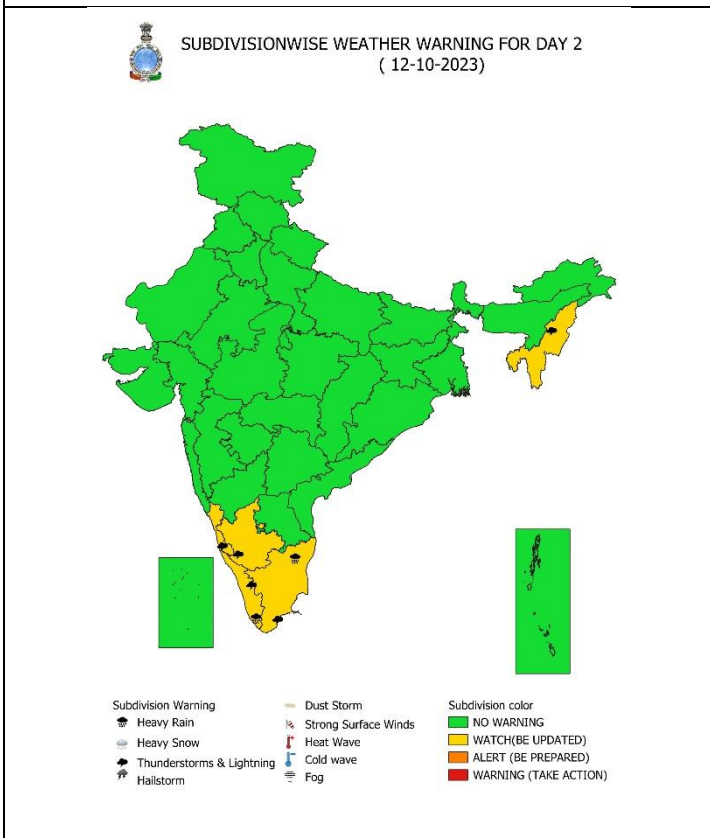
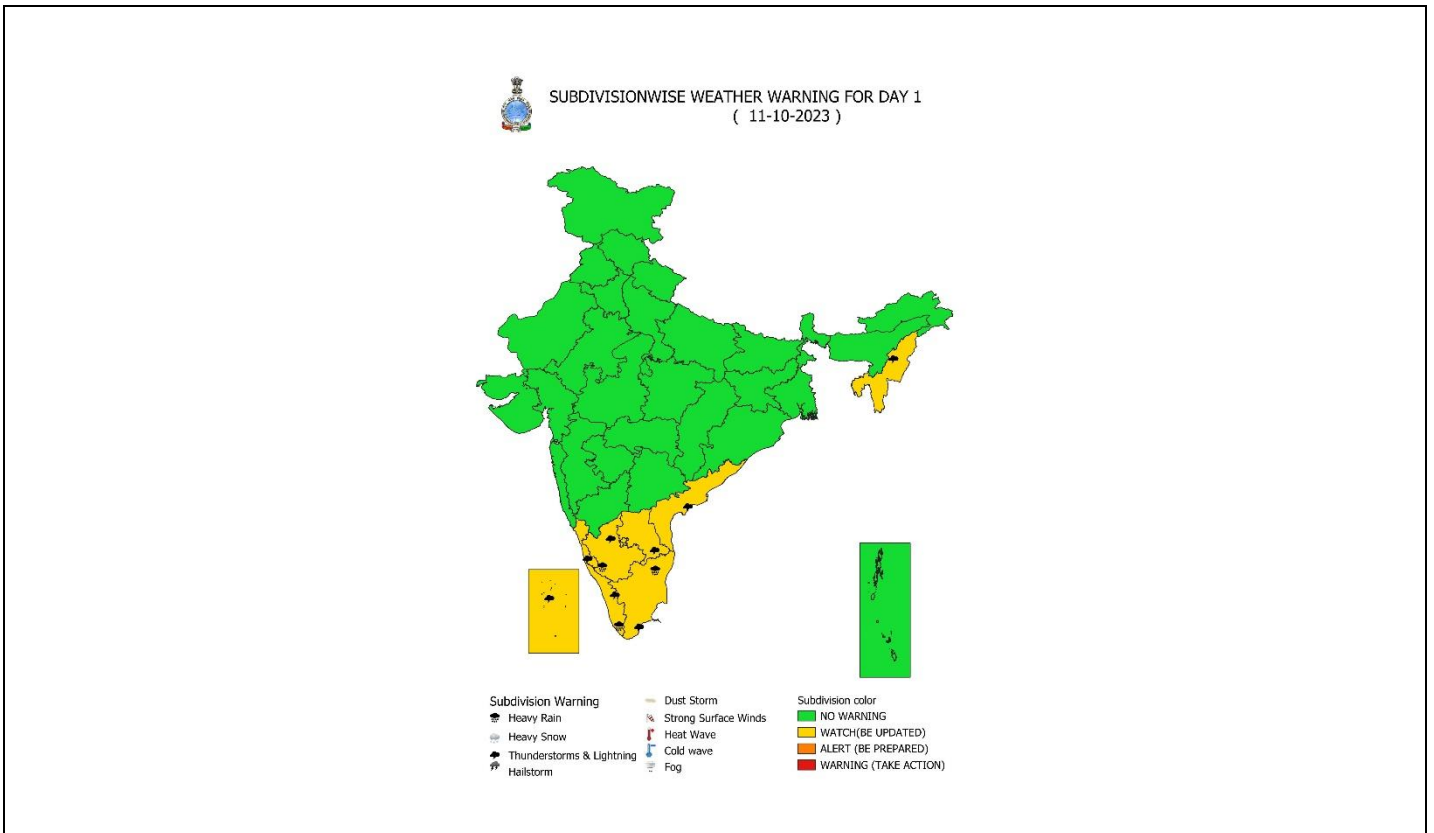
For more details kindly refer: [https://mausam.imd.gov.in/responsive/all\\_india\\_forecast\\_bulletin.php](https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php)

**Rainfall observations: (from 0830 hours IST of yesterday to 0830 hours IST of today, the 11<sup>th</sup> October, 2023):**

- ❖ **Heavy rainfall** at isolated places over Tamil Nadu and Kerala.
- ❖ **Significant rainfall recorded (in cm):**
  - **Tamil Nadu:** Thirparappu & Kalial (dist. Kanniyakumari), Katpadi (dist. Vellore), Pappireddipatti (dist. Dharmapuri) 7 each.
  - **Kerala:** Ranni Aws (dist Pathanamthitta) 10, Padannakkad Aws (dist Kasargod) 9, Mannarkkad Aws (dist Palakkad) 7.

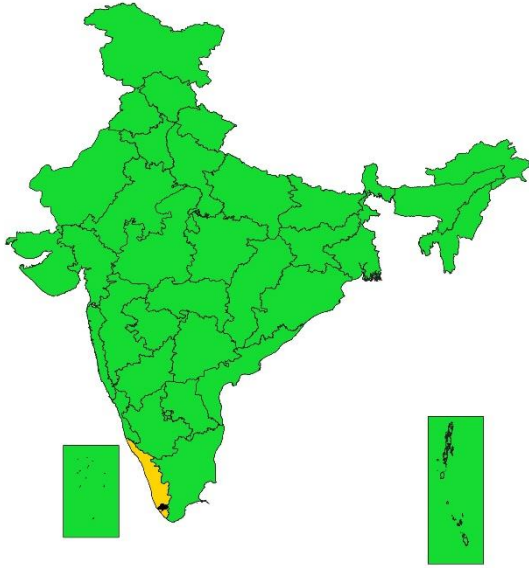
**Obsy:** Observatory; **AWS:** Automatic Weather Station; **dist:** District; **NH:** National Highway; **KVK:** Krishi Vigyan Kendra; **DVC:** Damodar Valley Corporation







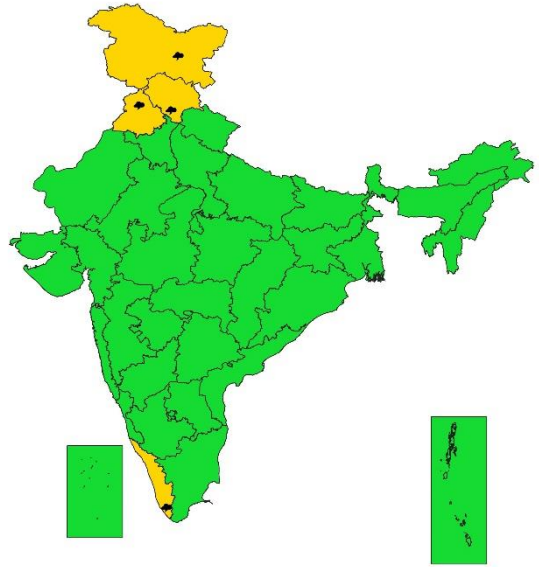
**SUBDIVISIONWISE WEATHER WARNING FOR DAY 4  
( 14-10-2023)**



- |                            |                      |                          |
|----------------------------|----------------------|--------------------------|
| <b>Subdivision Warning</b> | Dust Storm           | <b>Subdivision color</b> |
| 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)    |



**SUBDIVISIONWISE WEATHER WARNING FOR DAY 5  
( 15-10-2023)**



- |                            |                      |                          |
|----------------------------|----------------------|--------------------------|
| <b>Subdivision Warning</b> | Dust Storm           | <b>Subdivision color</b> |
| 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)    |

**Legends:**

- ❖ **Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4mm.
- ❖ **AWS:** Automatic Weather Station
- ❖ **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 Widespread (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)