



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

**Press Release**  
**Date: 26<sup>th</sup> May, 2022**  
**Time of Issue: 1300 hrs IST**

**Subject: (I) Conditions are favourable for further advance of Southwest Monsoon over some more parts of South Arabian Sea, entire Maldives & adjoining areas of Lakshadweep and some more parts of Comorin area during next 48 hours.**

**(II) No significant heat wave conditions very likely over the country during next 5 days.**

**Weather observed during past 24 hours ending at 0830 hrs IST of today:**

- Isolated **heavy rainfall** occurred over Kerala, Tripura, Assam and Sub-Himalayan West Bengal.
- **Chief amount of rainfall (in cm): Kerala: Ernakulam: Neryamangalam-10, Thrissur: Enamackel-10, Pathanamthitta: Seethathode-8, Kozhikode: Quilandy-9, Palakkad: Kanjirapuzha-7, Alappuzha: Mavelikkara-7, Malappuram: Perinthalmanna-8, Angadippuram-7; Tripura: Bagafa-9, KVK South-8, Sonampura-7; Sub-Himalayan West Bengal: Jalpaiguri: Diana-8; Assam: Udaipur & Manikpur-7 each;**

**Advancement of Southwest Monsoon:**

- Southwest Monsoon has further advanced into some parts of Southwest Arabian Sea, some more parts of Southeast Arabian Sea, Maldives & Comorin area and South Bay of Bengal. The Northern Limit of Southwest Monsoon continues to pass through 7.5°N/60°E, 7.5°N/70°E, 7.5°N/79°E, 8.0°N/83°E, 11.5°N/89°E, 16.0°N/93°E and 18.0°N/94.5°E.
- Conditions are favorable for further advance of Southwest Monsoon over some more parts of South Arabian Sea, entire Maldives & adjoining areas of Lakshadweep and some more parts of Comorin area during next 48 hours.
- Advance of monsoon over Kerala is being continuously monitored.

**Rainfall/thunderstorm Forecast & Warnings:**

- Under the influence of east-west trough from northwest Rajasthan to Interior Odisha and a cyclonic circulation over north Bihar & neighbourhood at lower tropospheric levels:
  - ✓ Scattered to fairly widespread light/moderate rainfall very likely over Northeast India and isolated to scattered rainfall with isolated **thunderstorm/lightning/gusty winds** over Bihar, Jharkhand, Odisha and West Bengal & Sikkim during next 5 days.
  - ✓ **Isolated heavy rainfall** also likely over Arunachal Pradesh on 26<sup>th</sup> & 30<sup>th</sup> ; over Assam-Meghalaya on 26<sup>th</sup>, 27<sup>th</sup>, 29<sup>th</sup> & 30<sup>th</sup> May and over Nagaland, Manipur, Mizoram & Tripura on 26<sup>th</sup>, 27<sup>th</sup> & 29<sup>th</sup> and over, 2022.
- Under the influence of a north-south trough from North interior Karnataka to Comorin area and westerly winds from Arabian Sea over the south peninsular India in lower tropospheric levels:
  - ✓ Widespread light/moderate rainfall with **thunderstorm/lightning** very likely over Kerala & Mahe & Lakshadweep and isolated to scattered rainfall over Andhra Pradesh, Telangana, Karnataka and Tamilnadu, Puducherry & Karaikal during next 5 days. **Isolated heavy rainfall** also likely over Kerala & Mahe and north Tamilnadu on 26<sup>th</sup> & 27<sup>th</sup> May.

- ✓ **Squally weather** (wind speed 40-50 kmph gusting to 60 kmph) very likely over southwest Arabian Sea during next 5 day; over southeast Arabian Sea along & off Kerala coast & Lakshadweep area on 26<sup>th</sup> & 27<sup>th</sup> and over northeast Arabian Sea & adjoining Gujarat coast during 27<sup>th</sup>-29<sup>th</sup> May.
- Under the influence of a fresh approaching Western Disturbance:
  - ✓ Scattered light/moderate rainfall with isolated **thunderstorm/lightning/gusty winds** very likely over Jammu & Kashmir, Himachal Pradesh and isolated rainfall over Uttarakhand, Punjab, Uttar Pradesh, East Rajasthan on 28<sup>th</sup> & 29<sup>th</sup> May. Isolated hailstorm likely over Himachal Pradesh & Uttarakhand on 27<sup>th</sup> May and over Jammu & Kashmir on 28<sup>th</sup> May.
  - ✓ **Duststorm** activity at isolated places very likely over West Rajasthan on 28<sup>th</sup> & 29<sup>th</sup> May.

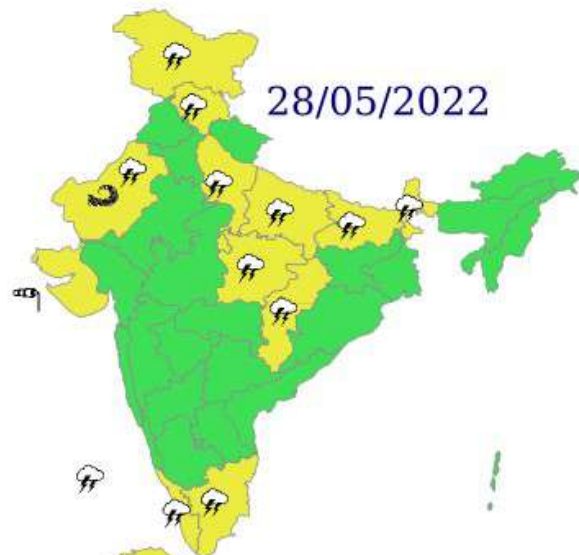
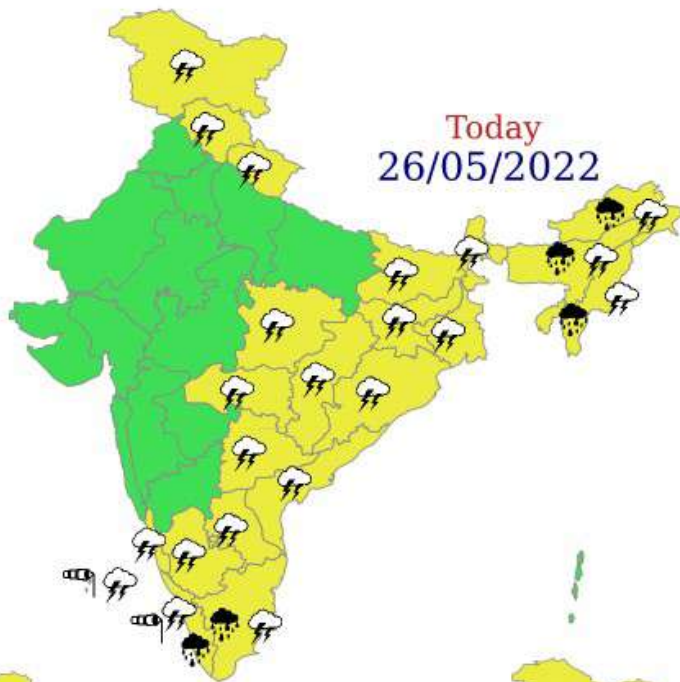
#### **Maximum Temperature forecast and Heat Wave Warnings:**

- ✓ Gradual rise in maximum temperatures by 2-4°C very likely over many parts of Northwest & East India during next 3 days and no significant change thereafter.
- ✓ No significant change in maximum temperatures very likely over rest parts of the country during next 5 days.

#### **Heat wave warnings:**

- ✓ Heat Wave conditions at isolated pockets very likely over southwest Rajasthan on 28<sup>th</sup> & 29<sup>th</sup> May, 2022.

**For more details refer:** [https://mausam.imd.gov.in/imd\\_latest/contents/subdivisionwise-warning.php](https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php)



## Legends:

**Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4 mm.

### Region wise classification of meteorological Sub-Divisions:

- 1) **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.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

<b>SPATIAL DISTRIBUTION</b> (% 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)



Heavy Rain



Strong Winds

### 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



Thunderstorm with Lightning



Heat Wave