



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

**Press Release
Date: 25th May, 2022
Time of Issue: 1230 hrs IST**

**Subject: (I) Southwest Monsoon likely to advance over some parts of Southwest Arabian Sea, some more parts of Southeast Arabian Sea, Maldives & Comorin area, South & Eastcentral Bay of Bengal and some parts of Northeast Bay of Bengal 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 Tamilnadu, Coastal Andhra Pradesh, Assam, Himachal Pradesh and Odisha.
- **Chief amount of rainfall (in cm):** **Assam:** Lakhimpur-7; **Coastal Andhra Pradesh:** Godavari: Narsapuram-10, Tadepalligudem-9, Tanuku, Amalapuram, Palakoderu-7 each, **Vishakhapatnam:** Chodavaram-9, Anakapalle, Bheemunipatnam, Visakhapatnam-7 each; **Tamilnadu:** Dindigul-9, Ariyalur-6; **Himachal Pradesh:** Solan-7, Shimla-5; **Odisha:** Rayagada-7, Koraput-5; **East Uttar Pradesh:** Ballia-6, **Bihar:** Swan-6, Muzaffarpur-5; **Uttarakhand:** Dehradun-5, Uttarkashi, Garwal Tehri-3 each.
- **Hailstorm** reported at isolated places over Uttarakhand, Haryana and Vidarbha.

Advancement of Southwest Monsoon:

Conditions are favourable for further advance of Southwest Monsoon over some parts of Southwest Arabian Sea, some more parts of Southeast Arabian Sea, Maldives & Comorin area, South & Eastcentral Bay of Bengal and some parts of Northeast Bay of Bengal during next 48 hours.

Rainfall/thunderstorm Forecast & Warnings:

- Under the influence of a trough from east Bihar to north Coastal Andhra Pradesh and southwesterly winds from Bay of Bengal to northeast & adjoining east India in 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 & Nagaland, Manipur, Mizoram & Tripura on 25th & 29th and over Assam-Meghalaya on 25th, 26th, 28th & 29th May, 2022.

- Under the influence of a north-south trough 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 today and over Tamilnadu on 25th & 26th May.
 - ✓ **Squally weather** (wind speed 40-50 kmph gusting to 60 kmph) very likely over southwest Arabian Sea during next 5 days and over northeast Arabian Sea & adjoining Gujarat coast during 27th-29th 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, Haryana, Chandigarh & Delhi, Uttar Pradesh, Rajasthan on 28th & 29th May. Isolated hailstorm likely over Jammu & Kashmir, Himachal Pradesh on 28th May.
 - ✓ **Duststorm** activity at isolated places very likely over West Rajasthan on 28th & 29th May.

Maximum Temperature forecast and Heat Wave Warnings:

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

Heat wave warnings:

- ✓ No significant heat wave condition very likely over the country during next 5 days except isolated heat wave conditions over southwest Rajasthan on 27th & 28th May, 2022.

For more details refer: https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php

Today
25/05/2022



Tomorrow
26/05/2022



27/05/2022



28/05/2022



29/05/2022



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.

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)



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