



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

**Press Release
Date: 05th May, 2022
Time of Issue: 1300 hrs IST**

Subject:

- i) Fresh spell of Heat wave conditions likely to commence over Northwest India from 07th May and over central India from 08th May, 2022.**
- ii) Formation of a Low Pressure area over South Andaman Sea on 06th May, 2022 and intensification into Depression during subsequent 48 hours with northwestwards movement.**

Weather observed during past 24 hours:

- ✓ **Maximum Temperatures** (as on 04/05/2022) were **42-44°C** over most parts of Vidarbha; in some parts of Madhya Pradesh and in isolated pockets of Gujarat state, Marathwada, Madhya Maharashtra & and West Uttar Pradesh and **40-42°C** in many parts of Rajasthan & Haryana-Delhi and in isolated pockets of Rayalaseema, Telangana, Jharkhand and in northern parts of Odisha.
- ✓ **Chief amount of rainfall (in cm): Tamilnadu:** Dindigul: Kamatchipuram-9, Karur: Palavidithl-9, Krishnagiri: Denkanikottal-8; **Karnataka:** Manki, Haveri, Narasipur-7 each.
- ✓ Isolated **heavy rainfall** observed over Tamilnadu and Karnataka.
- ✓ **Hailstorm** reported at isolated places over Punjab, Haryana-Delhi, West Uttar Pradesh and Marathwada.
- ✓ **Thundersquall** reported at isolated places over Uttarakhand & West Uttar Pradesh.

Maximum Temperature forecast and Heat Wave warning:

- ✓ No significant change in maximum temperatures very likely over most parts of Northwest & Central India today and rise by 2-3°C thereafter.
- ✓ No significant change in maximum temperatures very likely over rest parts of the country.

Heat wave conditions:

Heat Wave conditions in isolated pockets over:

- ✓ north Madhya Maharashtra on 05th May
- ✓ Rajasthan during 07th-09th May
- ✓ south Haryana-Delhi, southwest Uttar Pradesh, Madhya Pradesh & Vidarbha 08th & 09th May, 2022.

Rainfall/thunderstorm Forecast & Warnings:

- ✓ Under the influence of an east-west trough from northwest Madhya Pradesh to Meghalaya and southwesterly winds from Bay of Bengal in lower tropospheric levels:
 - ❖ Scattered to fairly widespread light/moderate rainfall very likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during next 5 days with isolated **thunderstorm/lightning** over the region on 05th & 06th May.
 - ❖ Isolated to scattered light/moderate rainfall very likely over Bihar, Jharkhand, West Bengal & Sikkim and Odisha during next 5 days with isolated **thunderstorm/lightning/gusty winds (speed reaching 40-50 kmph) over the region on 05th & 06th May.**
- ✓ Under the influence of a **Western Disturbance**:
 - ❖ Isolated light rainfall very likely over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad, Himachal Pradesh and Uttarakhand during next 3 days with **thunderstorm/lightning** over the region today.
 - ❖ Isolated light rainfall with **thunderstorm/lightning** very likely over Punjab, Haryana, Uttar Pradesh & West Rajasthan today.
- ✓ Due to trough/wind discontinuity over peninsular India in lower tropospheric levels:
 - ❖ Scattered to fairly widespread light/moderate rainfall with **thunderstorm/lightning/gusty winds** very likely over Kerala & Mahe, South Interior Karnataka, Tamil Nadu, Puducherry & Karaikal and isolated rainfall activity over Coastal & North Interior Karnataka, Andhra Pradesh and Telangana during next 5 days.
 - ❖ **Isolated heavy rainfall** very likely over South Interior Karnataka, Tamilnadu-Puducherry-Karaikal and Kerala-Mahe today.
- ✓ A cyclonic circulation lies over South Andaman Sea and neighbourhood. Under its influence, a **Low Pressure Area** is likely to form over the same region on 06th May. It is very likely to move northwestwards and intensify gradually into a Depression during subsequent 48 hours. Under its influence;
 - ❖ **Heavy rainfall** at isolated places very likely over Nicobar Islands on today and **Heavy to very heavy rainfall** at isolated places very likely over Andaman & Nicobar Islands during 06th-08th May.

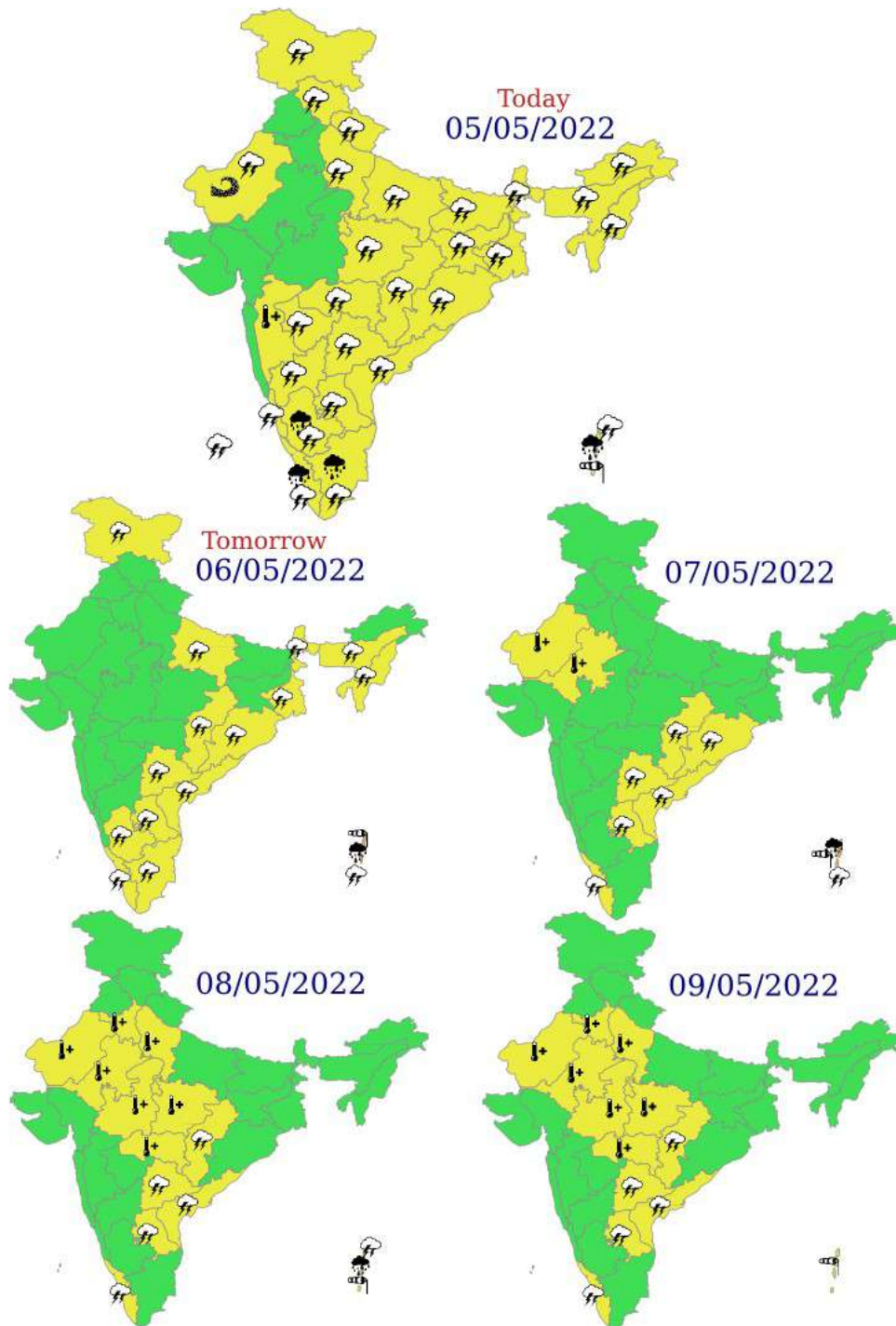
Fishermen Warning:

- ❖ **05th May: Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph** very likely to prevail over Andaman Sea & adjoining Southeast and Eastcentral Bay of Bengal.
- ❖ **06th May: Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph** likely to prevail over Southeast & adjoining Eastcentral Bay of Bengal and Andaman Sea.
- ❖ **07th May: Squally weather with wind speed reaching 45-55 kmph gusting to 65 kmph** likely to prevail over Eastcentral & adjoining Southeast Bay of Bengal and Andaman Sea.
- ❖ **08th May: Squally weather with wind speed reaching 55-65 kmph gusting to 75 kmph** likely to prevail over central & adjoining Southeast Bay of Bengal and **(speed reaching 40-50 kmph gusting to 60 kmph)** over Andaman Sea.

- ❖ **09th May: Squally weather with wind speed reaching 55-65 kmph gusting to 75 kmph likely to prevail over Westcentral & adjoining Eastcentral Bay of Bengal and (speed reaching 40-50 kmph gusting to 60 kmph) over Andaman Sea.**

For more details refer:

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.

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)



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

