Current Temperature Status and Heat Wave Warning

Dated: 03rd May, 2025
Time of Issue: 1600 Hrs IST

♦ Observed Temperature Scenario:-

Maximum Temperature & its departure (Yesterday) (Annexure 1):-

- Yesterday's Maximum Temperatures were in the range of 42-46 °C at a few places over Maharashtra, south Rajasthan; at isolated places over West Madhya Pradesh, Telangana; 38-42°C at a few places over East Madhya Pradesh, Rayalaseema, Tamil Nadu, Puducherry & Karaikal; at isolated places over Gujarat state, Coastal Andhra Pradesh & Yanam, Odisha, East Uttar Pradesh.
- **Yesterday's Highest Maximum Temperature on Plains: 44.9°C** was reported at **Akola (Vidarbha).**
- **Markedly above normal (5.1°C or more):-** NIL.
- **Appreciably above normal (3.1°C to 5.0°C):-** NIL.
- **Above normal (1.6°C to 3.0°C):-** at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Gujarat state, Konkan & Goa, Madhya Maharashtra, Marathwada, Vidarbha, North Interior Karnataka, Assam & Meghalaya, Nagaland.

Minimum Temperature & its departure (Today) (Annexure 2):-

- **Markedly above normal (5.1°C or more):-** at isolated places over East Rajasthan.
- **Appreciably above normal (3.1°C to 5.0°C):-** NIL.
- **Above normal (1.6°C to 3.0°C):-** at a few places over West Rajasthan; at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh, Punjab, Gujarat state, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh & Yanam, Uttar Pradesh, Bihar.

♦ Heat wave conditions:- NIL.

♦ Percentile Temperature (Annexure 3) :-

♦ Temperatures Recorded at 1430 Hours IST of Today, the 03rd May, 2025 (Annexure 4) :-

- **Akola (Vidarbha)** recorded the highest temperature of **43.7°C.**

♦ Wind Speed & Relative Humidity Recorded at 1430 Hours IST of Today (Annexure 5) :-

♦ Maximum Temperatures Forecast :-

- No significant change in maximum temperatures likely over Northwest India during next 3 days and rise by 2-4°C thereafter for subsequent 4 days.
- No significant change in maximum temperatures likely over West India during next 24 hours; fall by 2-4°C thereafter for subsequent 4 days and no significant change for subsequent 2 days.
- No significant change in maximum temperatures likely over rest parts of the country.

Heat Wave Warnings for Next 7 Days:

DAY-1:- **Hot and Humid** weather very likely at isolated places over Tamil Nadu, Puducherry & Karaikal.

DAY-2:- **NIL.**

DAY-3:- **NIL.**

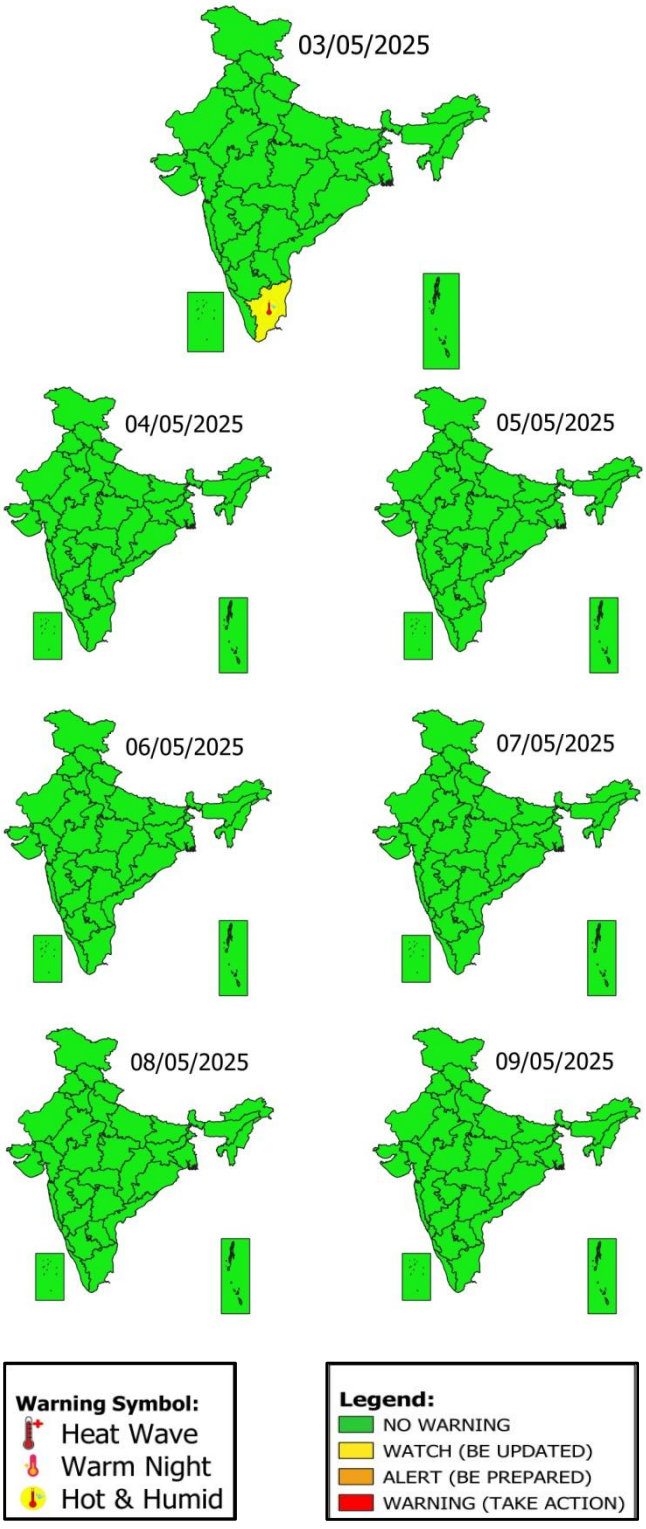
DAY-4:- **NIL.**

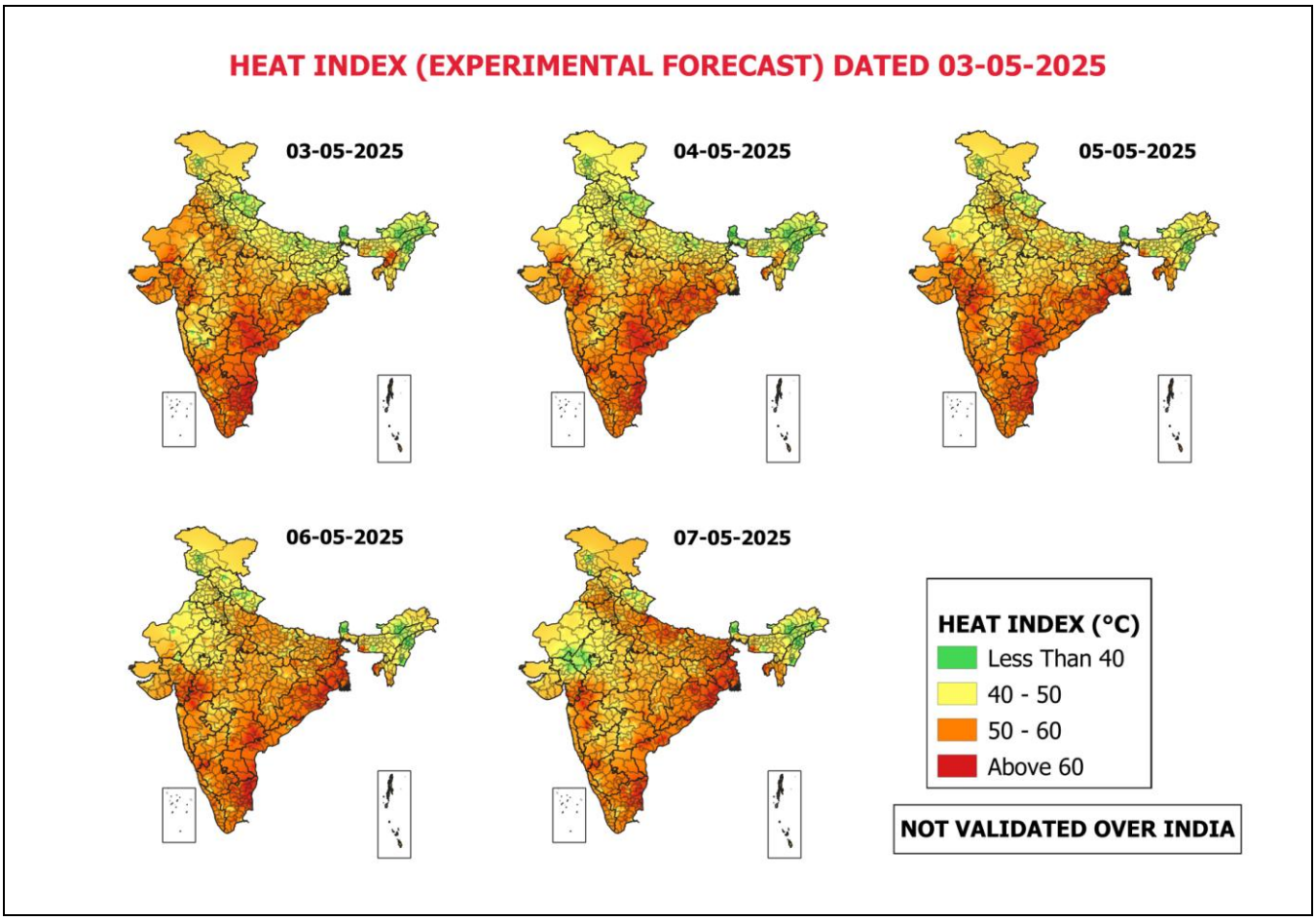
DAY-5:- **NIL.**

DAY-6:- **NIL.**

DAY-7:- **NIL.**

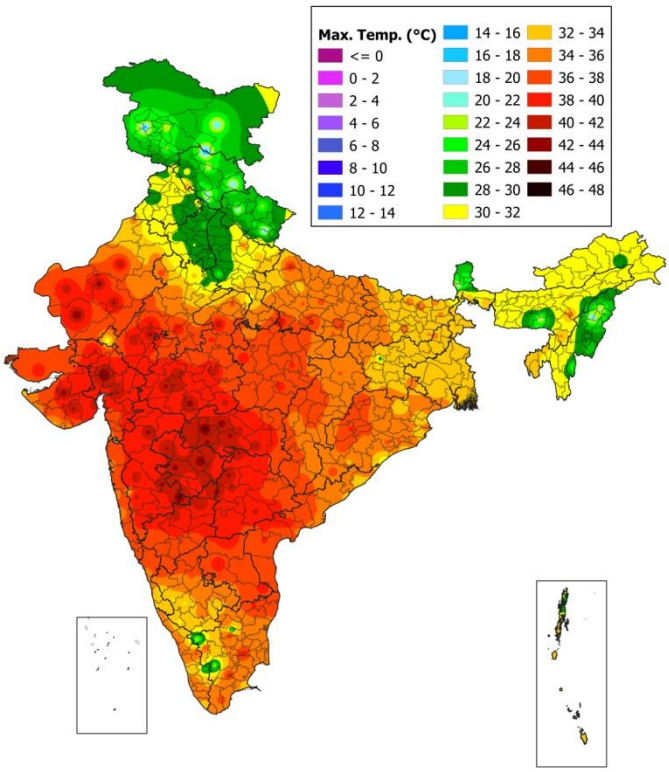
7 DAYS HEAT WAVE/HOT WEATHER WARNING MAP



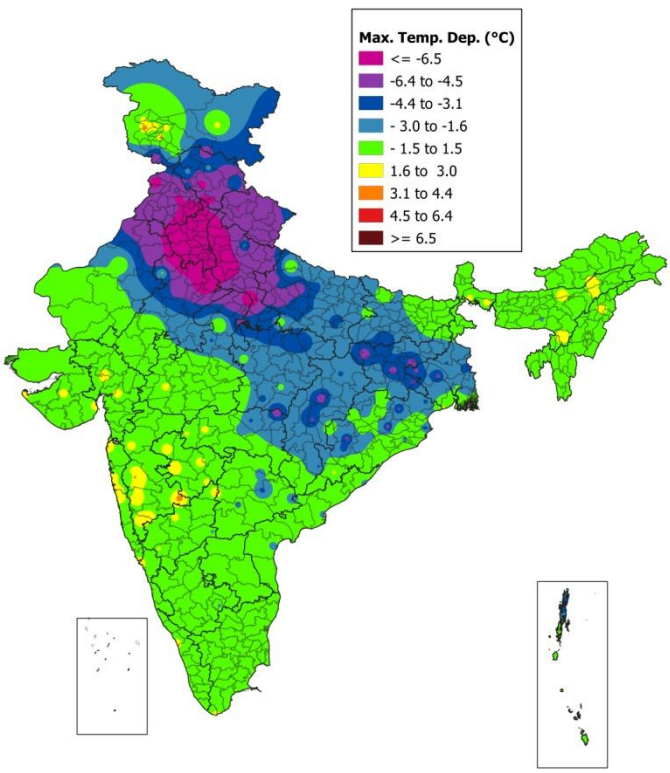

HEAT INDEX (EXPERIMENTAL FORECAST) DATED 03-05-2025
03-05-2025
04-05-2025
05-05-2025
06-05-2025
07-05-2025
HEAT INDEX (°C)
Less Than 40
40 - 50
50 - 60
Above 60
NOT VALIDATED OVER INDIA

Annexure 1

Maximum Temperature Dated 02/05/2025

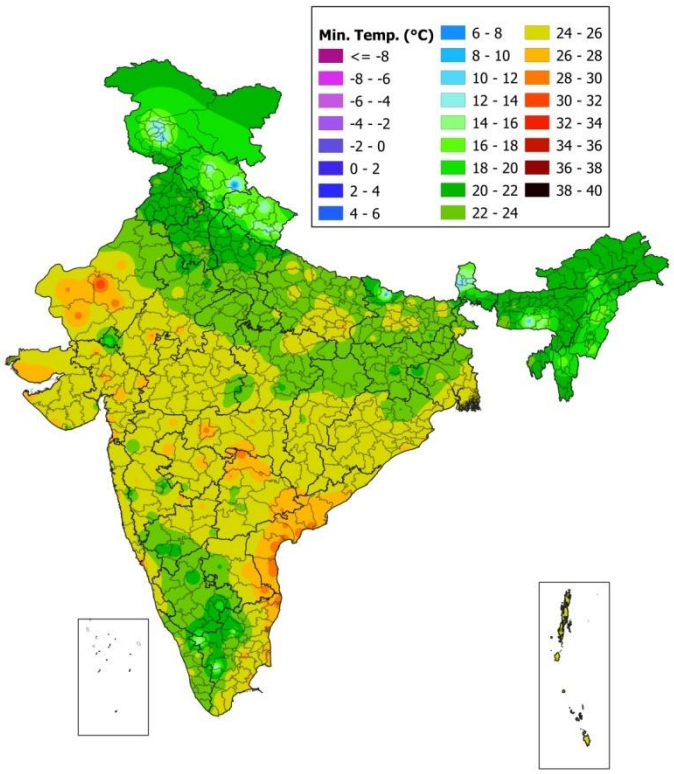


Max Temperature Departure Dated 02/05/2025

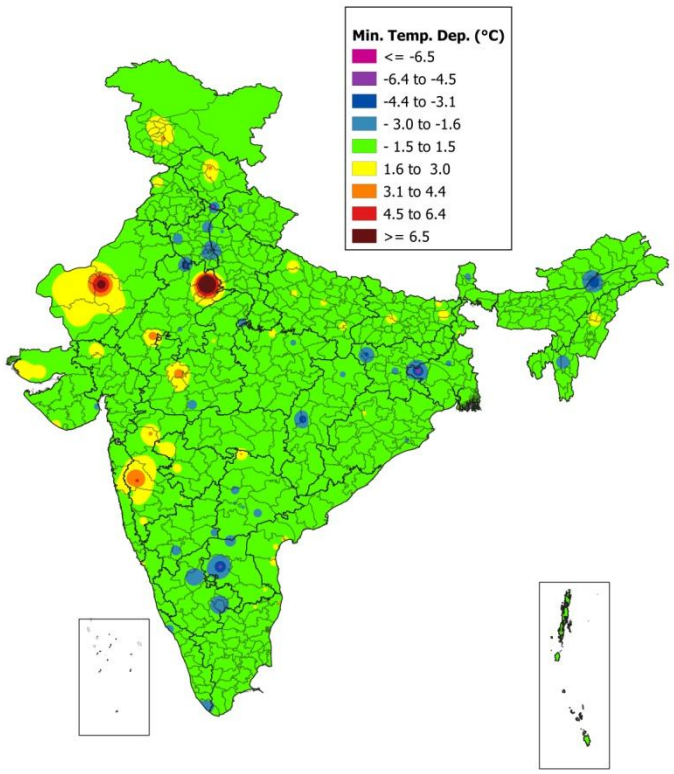


Annexure 2

Minimum Temperature Dated 03/05/2025

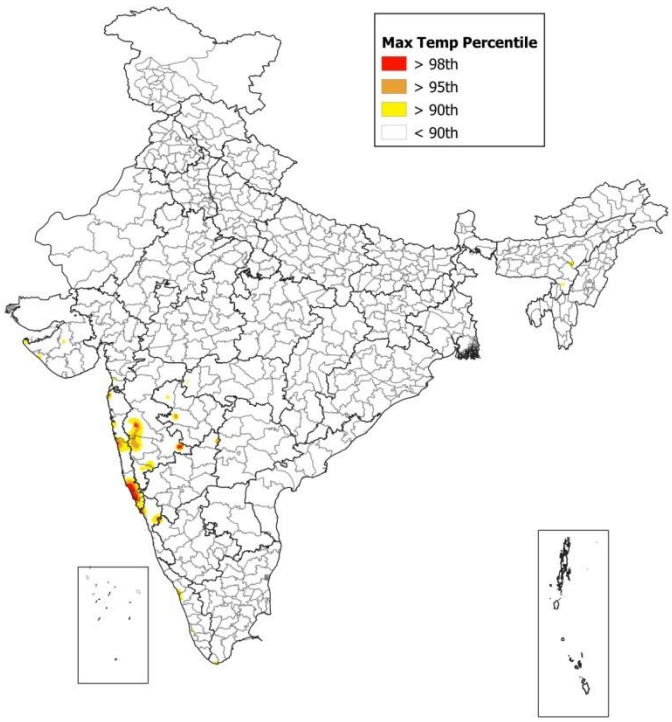


Min Temperature Departure Dated 03/05/2025

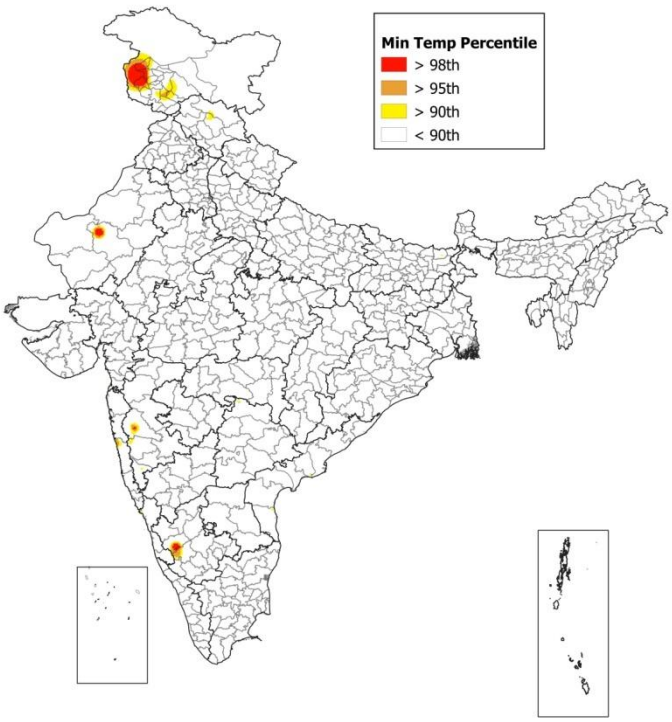


Annexure 3

Max Temp Percentile Dated 02/05/2025

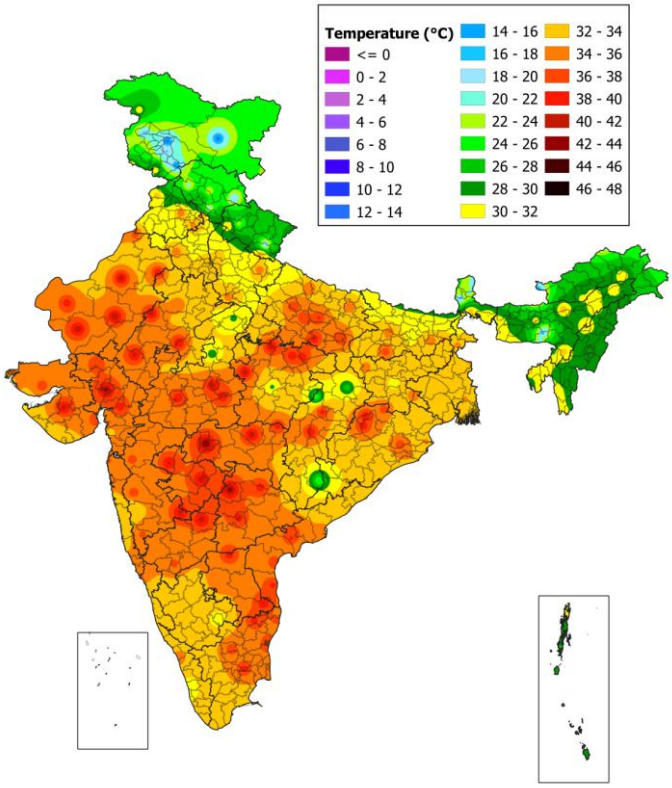


Min Temp Percentile Dated 03/05/2025

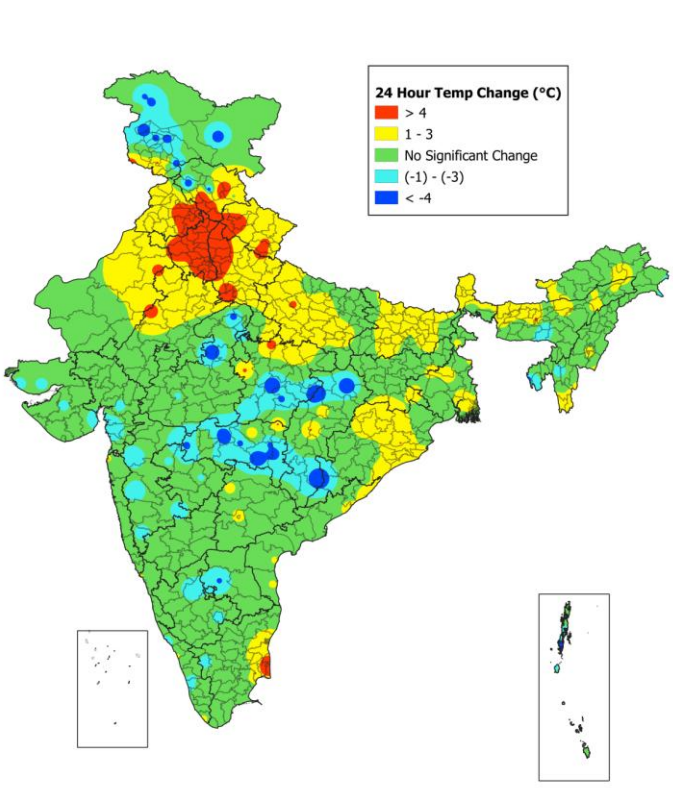


Annexure 4

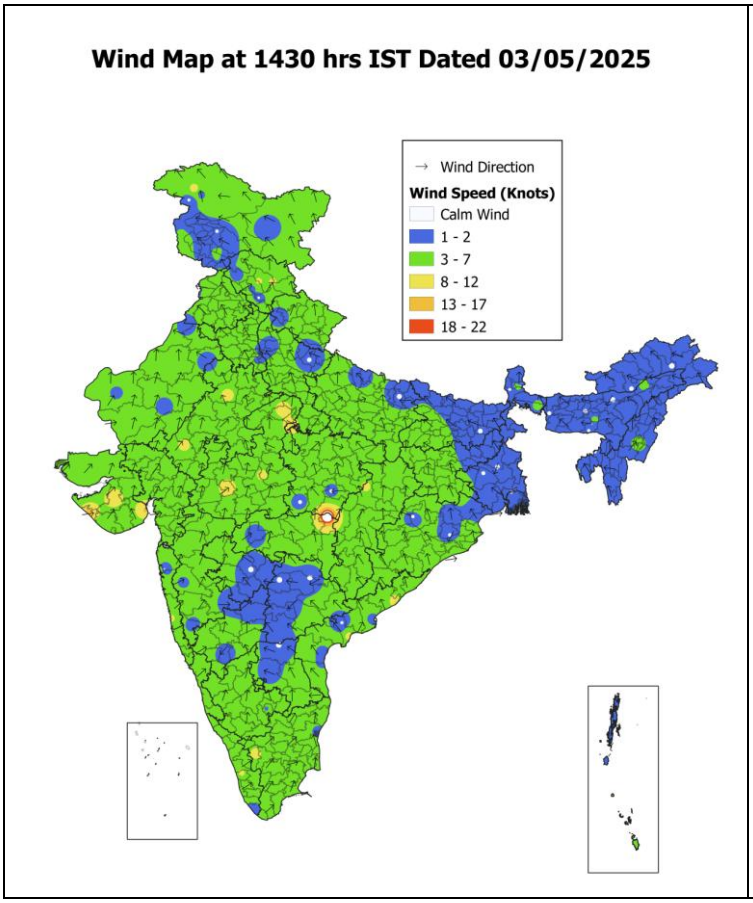
Observed Temperature at 1430 hrs IST Dated 03/05/2025

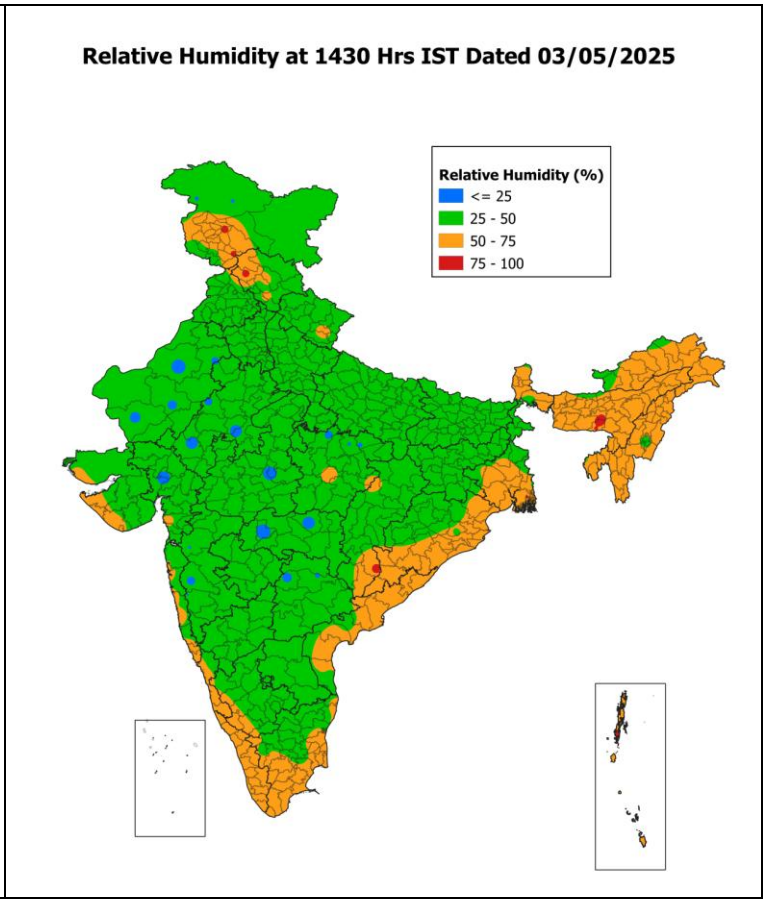


24 hrs Temperature Change at 1430 hrs IST Dated 03/05/2025



Annexure 5





For Districtwise heat wave warning visit:

https://mausam.imd.gov.in/responsive/districtWiseHeatwaveWarning.php

For more details on Heat Waves visit:

https://mausam.imd.gov.in/responsive/heatwave_guidance.php

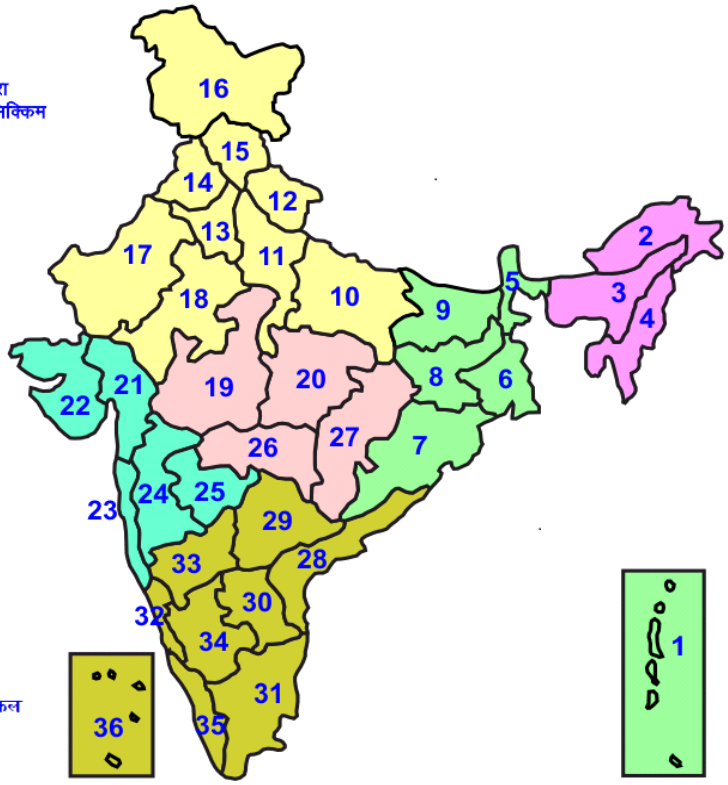
For any details contact at: heatwaveimd@gmail.com

Or

Scan the following QR code:

LEGENDS

1 अंडमान और निकोबार द्वीप समुह
2 अरुणाचल प्रदेश
3 असम और मेघालय
4 नागालैंड मनीपुर मीजोरम और त्रिपुरा
5 उप हिमालय पश्चिम बंगाल एंवम् सिक्किम
6 पश्चिम गांगेय बंगाल
7 ओडिसा
8 झारखडं
9 बिहार
10 पूर्वी उत्तर प्रदेश
11 पश्चिम उत्तर प्रदेश
12 उत्तराखंड
13 हरियाणा चंडिगढ़ एंवम् दिल्ली
14 पंजाब
15 हिमाचल प्रदेश
16 जम्मू एवंम कश्मीर एवंम लद्दाख
17 पश्चिम राजस्थान
18 पूर्वी राजस्थान
19 पश्चिम मध्य प्रदेश
20 पूर्वी मध्य प्रदेश
21 गुजरात क्षेत्र
22 सौराष्ट्र एंवम् कच्छ
23 कोंकण एंवम् गोवा
24 मध्य महाराष्ट्र
25 मराठावाडा
26 विदर्भ
27 छत्तीसगढ़
28 तटीय आंध्र प्रदेश एवं यनम
29 तेलंगाना
30 रायलसीमा
31 तमिलनाडु ,पुदुचेरी एवंम कराईकल
32 तटिय कर्नाटक
33 आंतरिक उत्तरी कर्नाटक
34 आंतरिक दक्षिणी कर्नाटक
35 केरल एवंम माहे
36 लक्षद्वीप



1. Andaman & Nicobar Islands
2. Arunachal Pradesh
3. Assam & Meghalaya
4. Nagaland, Manipur, Mizoram & Tripura
5. Sub-Himalayan West Bengal & Sikkim
6. Gangetic West Bengal
7. Orissa
8. Jharkhand
9. Bihar
10. East Uttar Pradesh
11. West Uttar Pradesh
12. Uttarakhand
13. Haryana, Chd & Delhi
14. Punjab
15. Himachal Pradesh
16. Jammu & Kashmir and Ladakh
17. West Rajsthan
18. East Rajasthan
19. West Madhya Pradesh
20. East Madhya Pradesh
21. Gujarat
22. Saurashtra
23. Konkan & Goa
24. Madhya Maharashtra
25. Marathawada
26. Vidharbha
27. Chhattisgarh
28. Coastal Andhra Pradesh & Yanam
29. Telangana
30. Rayalaseema
31. Tamilnadu, Puducherry & Karaikal
32. Coastal Karnataka
33. North Interior Karnataka
34. South Interior Karnataka
35. Kerala & Mahe
36. Lakshadweep

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

Heat Wave

When maximum temperature of a station reaches ≥40° C for plains and ≥30° C for hilly regions

(a) Based on Departure from normal

Heat Wave: Maximum Temperature Departure from normal 4.5° C to 6.4° C.
Severe Heat Wave: Maximum Temperature Departure from normal ≥6.5° C

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature ≥45°C.
Severe Heat Wave: When actual maximum temperature ≥47°C

(c). Criteria for heat wave for coastal stations

When maximum temperature departure is >4.5°C from normal. Heat Wave may be described provided maximum temperature ≥37°C

Warm Night

When maximum temperature remains 40°C

Warm Night: When minimum temperature departure 4.5 °C to 6.4 °C.
Severe Warm Night: When minimum temperature departure >6.4 °C.

Hot and Humid: When maximum temperatures remains 3°C above normal along with the above normal relative humidity.