

Date of Issue: 24 March 2025

Current Temperature Status and Heat Wave Warnings

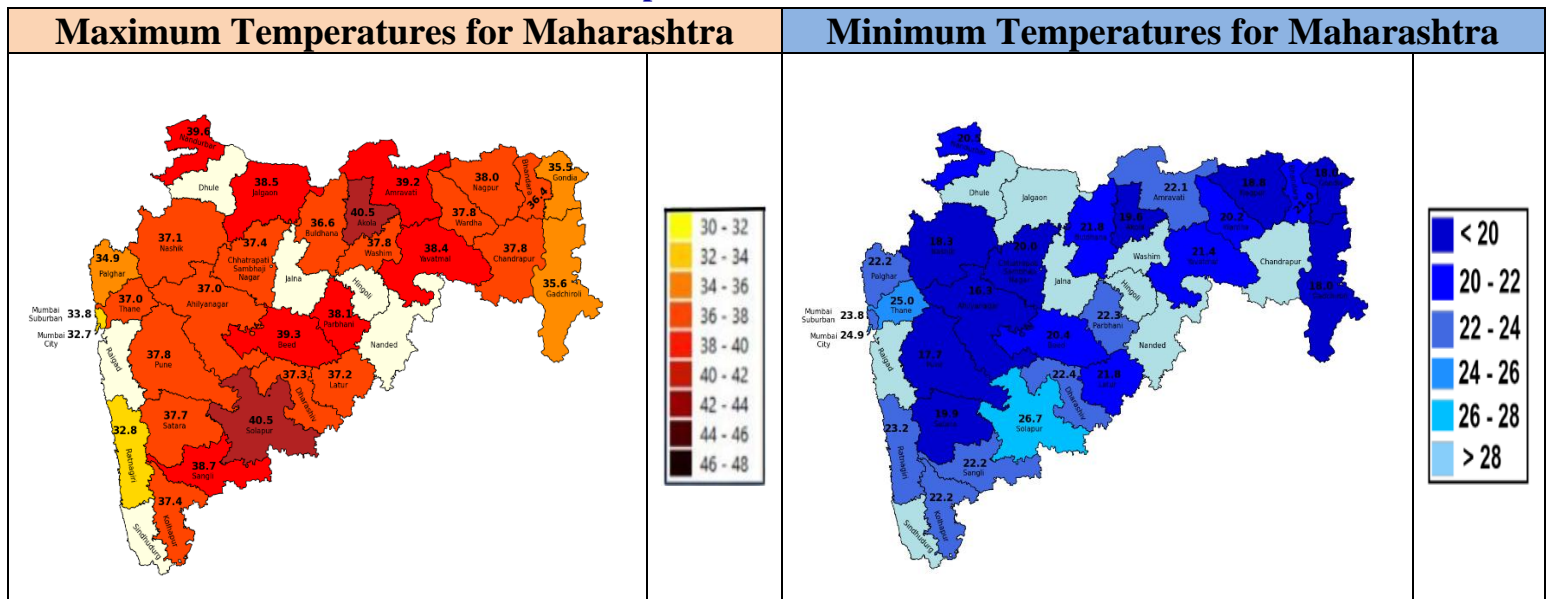
Observed Temperature:

| Subdivision | Temperature (Deg C) (Based on 12 UTC 23/03/2025) | | Temperature (Deg C) (Based on 03 UTC 24/03/2025) | |
|--------------------------|---|--------------|---|-----------|
| | Maximum | Departure | Minimum | Departure |
| North Konkan | 33-37 | Above Normal | 21-25 | Normal |
| South Konkan- Goa | 32-35 | Above Normal | 23-25 | Normal |
| North Madhya Maharashtra | 37-39 | Normal | 16-19 | Normal |
| South Madhya Maharashtra | 37-41 | Normal | 19-27 | Normal |
| Marathwada | 37-39 | Normal | 20-22 | Normal |

Heat wave/ Warm night conditions observed:

| Subdivision | Heat Wave | Warm Night | Hot Humid |
|--------------------|-----------|------------|-----------|
| Konkan- Goa | Nil | Nil | Nil |
| Madhya Maharashtra | Nil | Nil | Nil |
| Marathwada | Nil | Nil | Nil |

Observed Maximum & Minimum Temperature





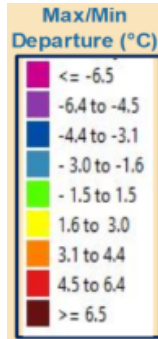
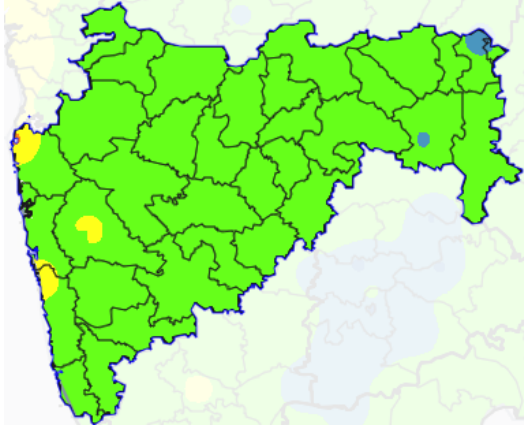
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भारतीय हवामानशास्त्र विभाग
प्रादेशिक हवामानशास्त्र केंद्र,
कुलाबा, मुंबई - 400005
दूरध्वनी : 22150517/22174707



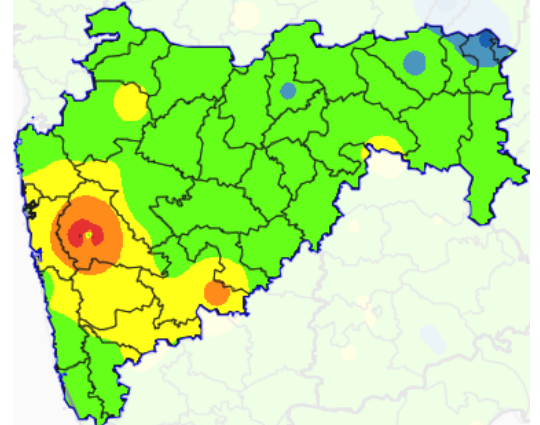
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PHONE: 22150517/22174707

Observed Percentile Map of Maximum and Minimum Temperature

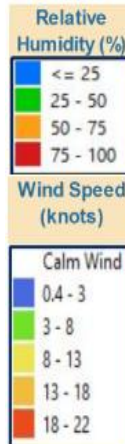
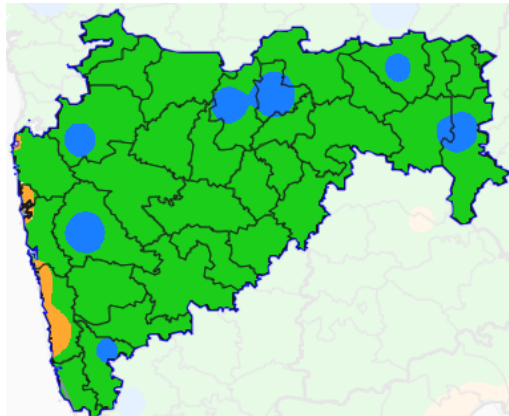
Maximum



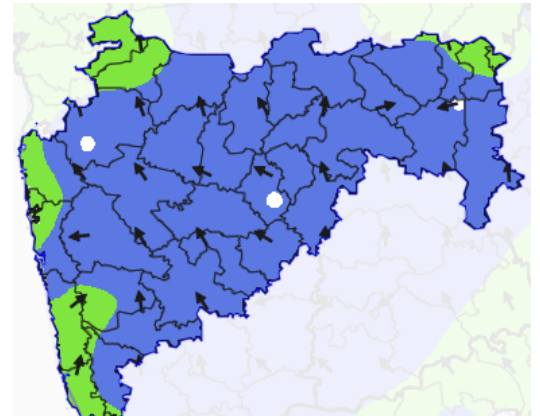
Minimum



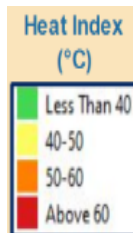
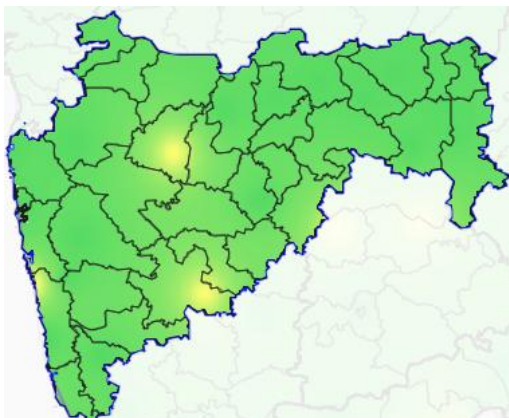
Observed Relative Humidity (at 1430 hrs IST)



Observed Wind Speed & Direction (at 1430 hrs IST)



Observed Heat Index:



Forecast Scenario for next 5 days

| Konkan-Goa | |
|-----------------------------|---|
| Maximum Temperature: | No large change in maximum temperature over Konkan during next 4-5 days. |
| Minimum Temperature: | No large change in minimum temperature over Konkan during next 24 hours and gradual fall by 2-3 deg C thereafter. |

| Madhya Maharashtra | |
|-----------------------------|---|
| Maximum Temperature: | Gradual rise in maximum temperature by 2-3 deg C over Madhya Maharashtra during next 4-5 days. |
| Minimum Temperature: | No large change in minimum temperature over Madhya Maharashtra during next 24 hours and gradual fall by 2-3 deg C thereafter. |

| Marathwada | |
|-----------------------------|--|
| Maximum Temperature: | Gradual rise in maximum temperature by 2-3 deg C over Marathwada during next 4-5 days. |
| Minimum Temperature: | No large change in minimum temperature Marathwada during next 24 hours and gradual fall by 2-3 deg C thereafter. |

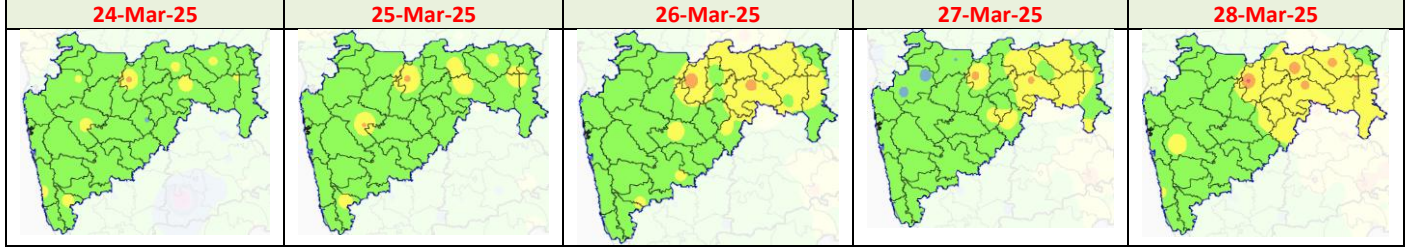


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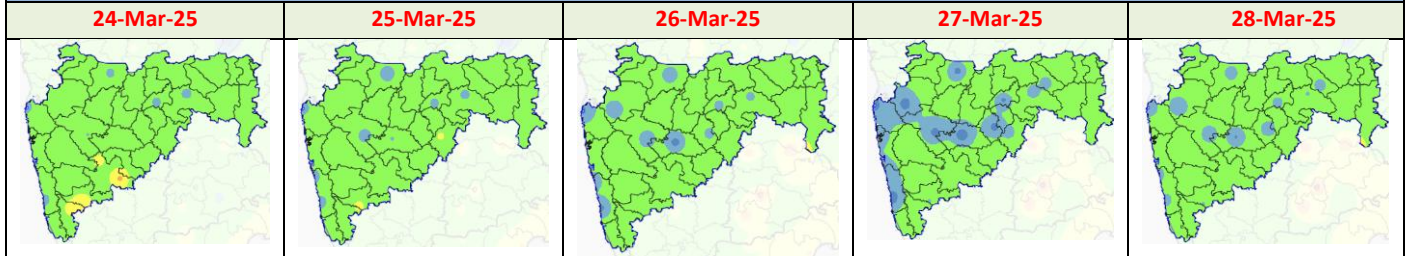


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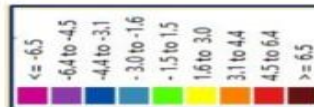
Maximum Temperature (Departure)



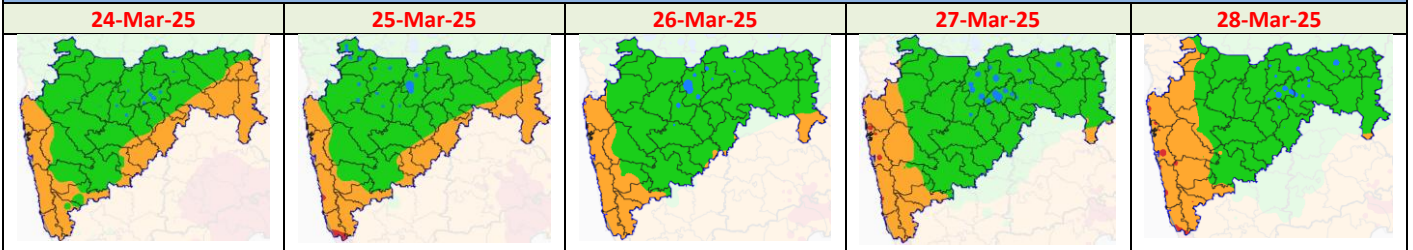
Minimum Temperature (Departure)



LEGEND:
Min/Max Departure (°C)



Relative Humidity



LEGEND: Relative Humidity (%)



Wind Speed and Direction



LEGEND: Wind Speed (Knots)





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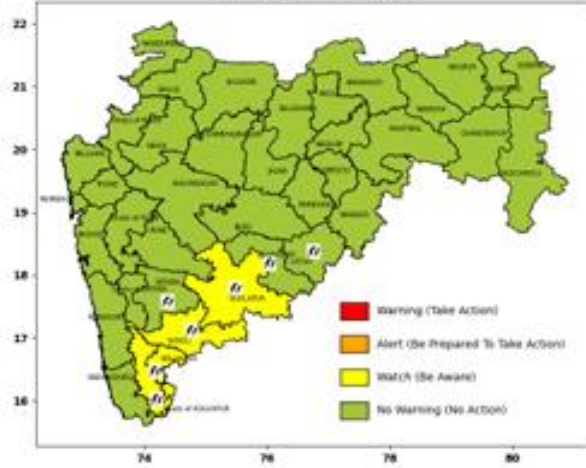


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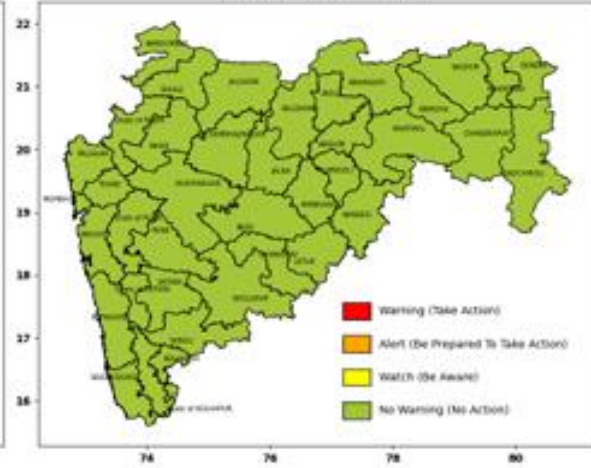
District Wise Hot and Humid, Heat Wave conditions warning:

WARNINGS

WARNING DAY 1
Monday, 24-03-2025



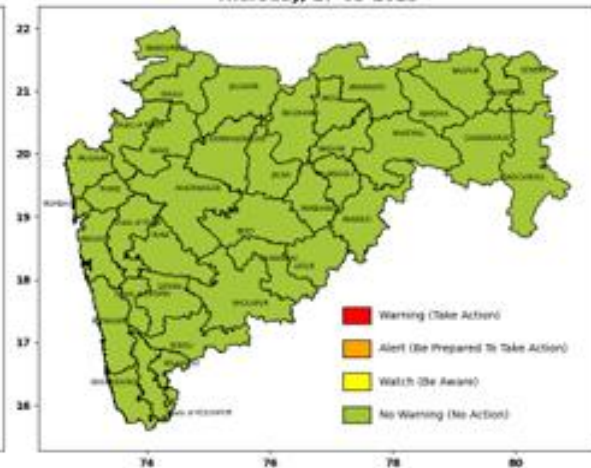
WARNING DAY 2
Tuesday, 25-03-2025



WARNING DAY 3
Wednesday, 26-03-2025



WARNING DAY 4
Thursday, 27-03-2025



WARNING DAY 5
Friday, 28-03-2025






Expected Impacts:

- ❖ Vulnerable people may take necessary precautions.
- ❖ It is advised to take precautionary measures for hot weather while going outside during peak hours of the day.
- ❖ Heat cramps, heat rash likely during peak hours of the day.

Action Suggested:

- ❖ Avoid prolonged heat exposure.
- ❖ Stay hydrated. Drink sufficient water even if not feeling thirsty to avoid dehydration.
- ❖ Wear light weight, light colored, loose, cotton clothes.
- ❖ Cover your head: use a wet cloth, hat or umbrella while going out during peak hours.
- ❖ Caution workers to avoid direct sunlight during the peak hours.
- ❖ Schedule strenuous jobs to cooler times of the day.
- ❖ Increasing the frequency and length of rest breaks for outdoor activities.
- ❖ Recognize the signs of heat stroke, heat rash or heat cramps such as weakness, dizziness, headache, nausea, sweating and seizures. If you feel faint or ill, see a doctor/ hospital immediately.
- ❖ Farmers are advised to continue irrigation activities.

Legends:

| | | |
|---|---|--|
|  Heat Wave | When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ 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 $\geq 6.5^{\circ}\text{C}$ | |
|  Warm Night | (b). Based on Actual maximum temperature | |
| | Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$. | |
| | Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$ | |
| | (c). Criteria for heat wave for coastal stations | |
|  Warm Night | When maximum temperature departure is $>4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$ | |
| | 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 $>6.4^{\circ}\text{C}$. | |

Heat Wave Warning

| Green (No action) | Normal Day | Maximum temperatures are near normal |
|-------------------------------|--------------------------------|---|
| Yellow Alert (Be updated) | Heat Alert | Heat wave conditions at district level likely to persist for 2 days |
| Orange Alert (Be prepared) | Severe Heat Alert for the day | (i) Severe heat wave conditions persist for 2 days. (ii) With varied severity, heat wave is likely to persists for 4 days or more |
| Red Alert (Take Action) | Extreme Heat Alert for the day | (i) Severe heat wave persists for more than 2 days. (ii) Total MAXIMUM TEMPERATURES number of heat/severe heat wave days likely to exceeds 6 days. |