

Date of Issue: 25 March 2025

## Current Temperature Status and Heat Wave Warnings

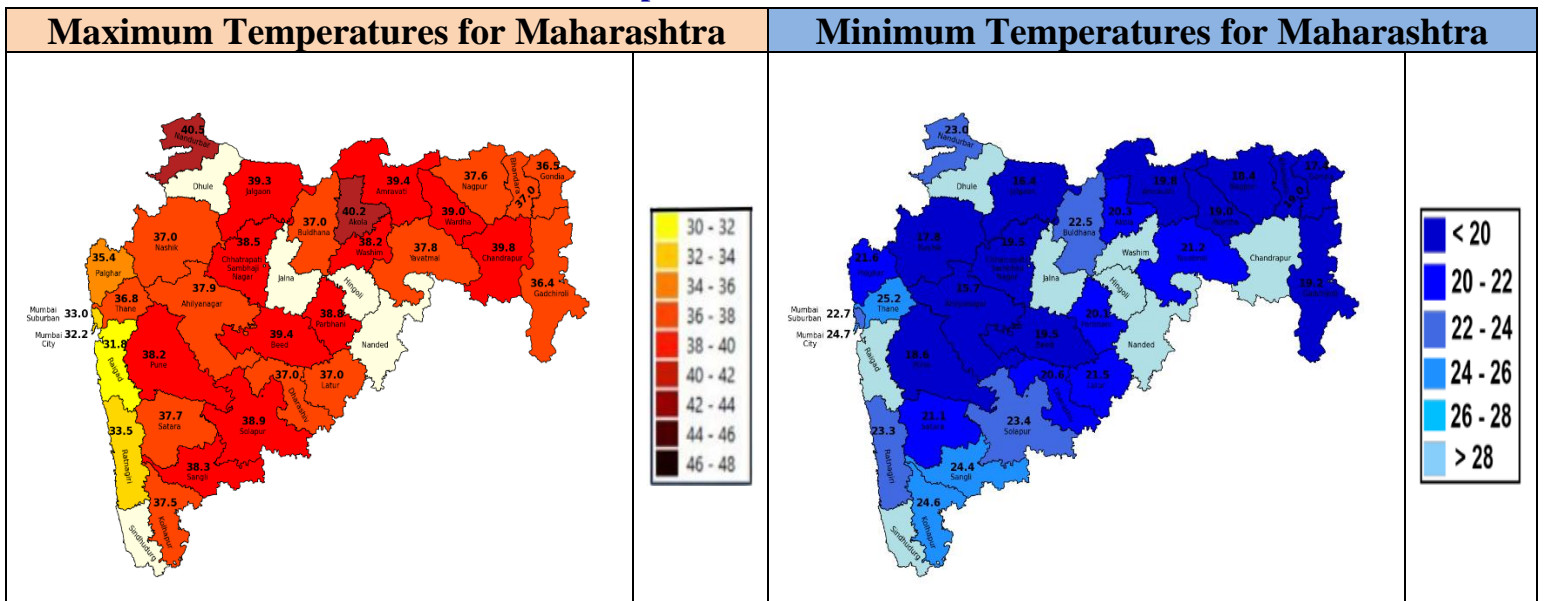
### Observed Temperature:

Subdivision	Temperature (Deg C) (Based on 12 UTC 24/03/2025)		Temperature (Deg C) (Based on 03 UTC 25/03/2025)	
	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





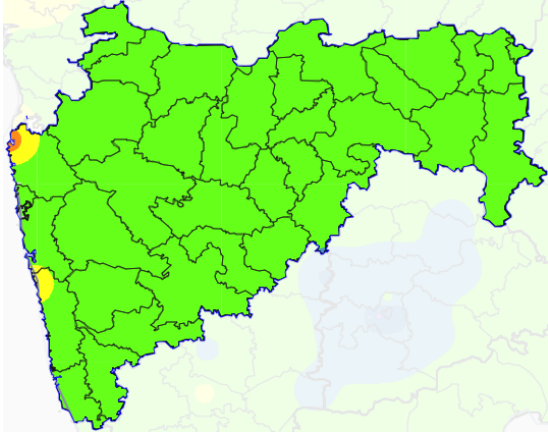
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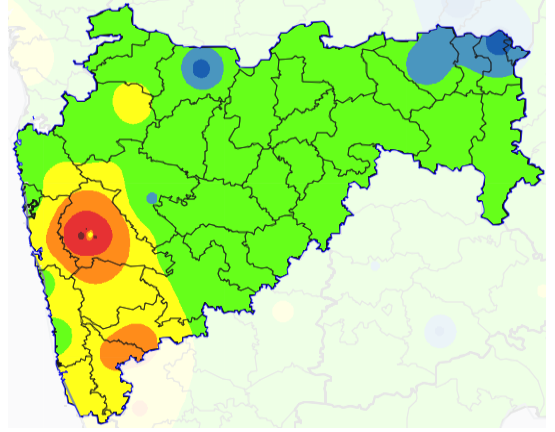
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## Observed Percentile Map of Maximum and Minimum Temperature

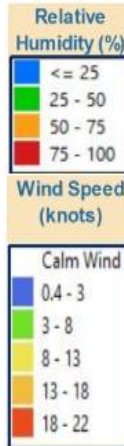
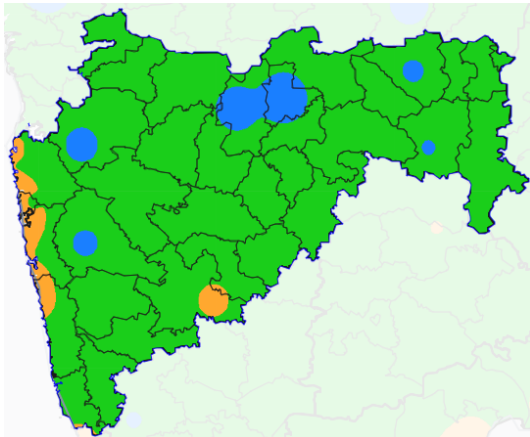
### Maximum



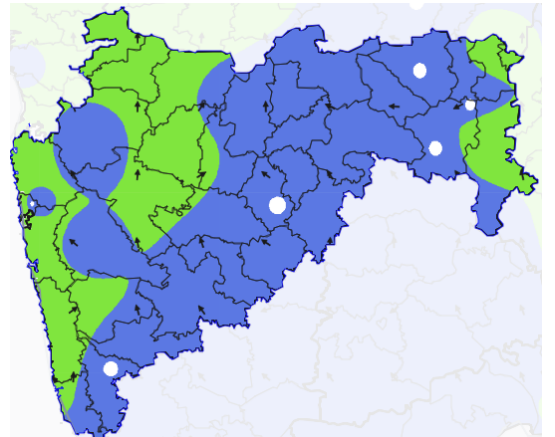
### Minimum



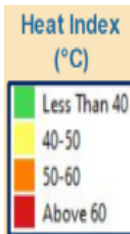
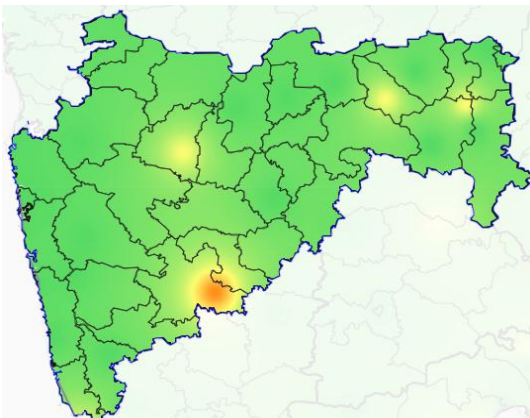
### Observed Relative Humidity (at 1430 hrs IST)



### Observed Wind Speed & Direction (at 1430 hrs IST)



### Observed Heat Index:





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### Forecast Scenario for next 5 days

Konkan-Goa	
<b>Maximum Temperature:</b>	No large change in maximum temperature over Konkan during next 3-4 days.
<b>Minimum Temperature:</b>	Gradual fall in minimum temperature by 1-2 deg C over Konkan region during next 3 days and gradual rise over southern parts of Konkan thereafter.

Madhya Maharashtra	
<b>Maximum Temperature:</b>	Gradual rise in maximum temperature by 2-3 deg C over Madhya Maharashtra during next 3-4 days.
<b>Minimum Temperature:</b>	Gradual fall in minimum temperature by 2-3 deg C over Madhya Maharashtra region during next 3 days and gradual rise over southern parts of Madhya Maharashtra thereafter.

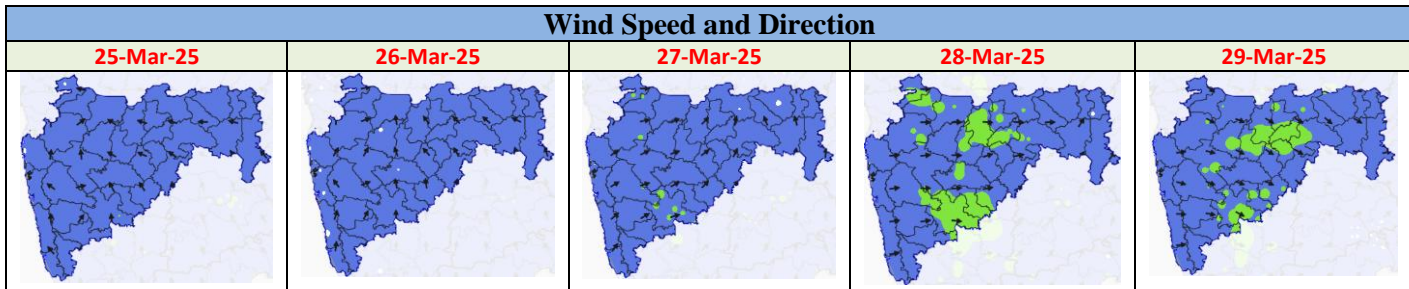
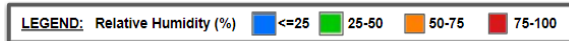
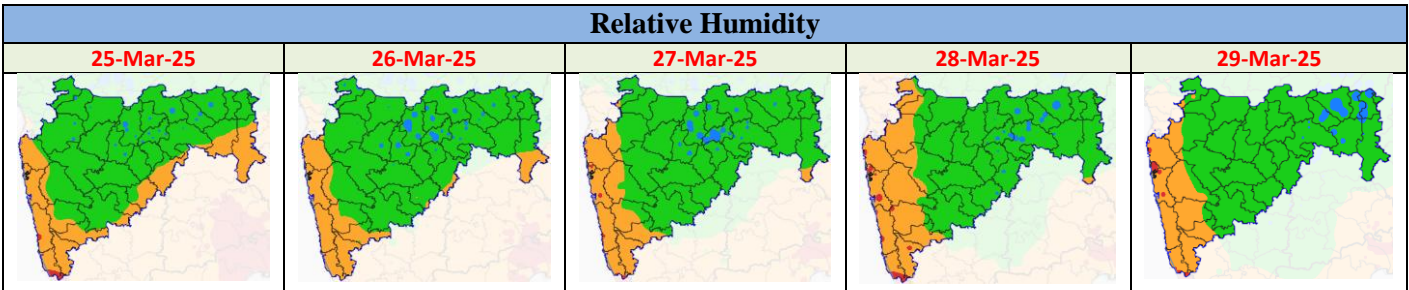
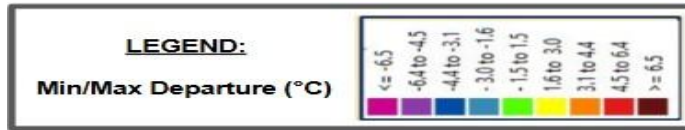
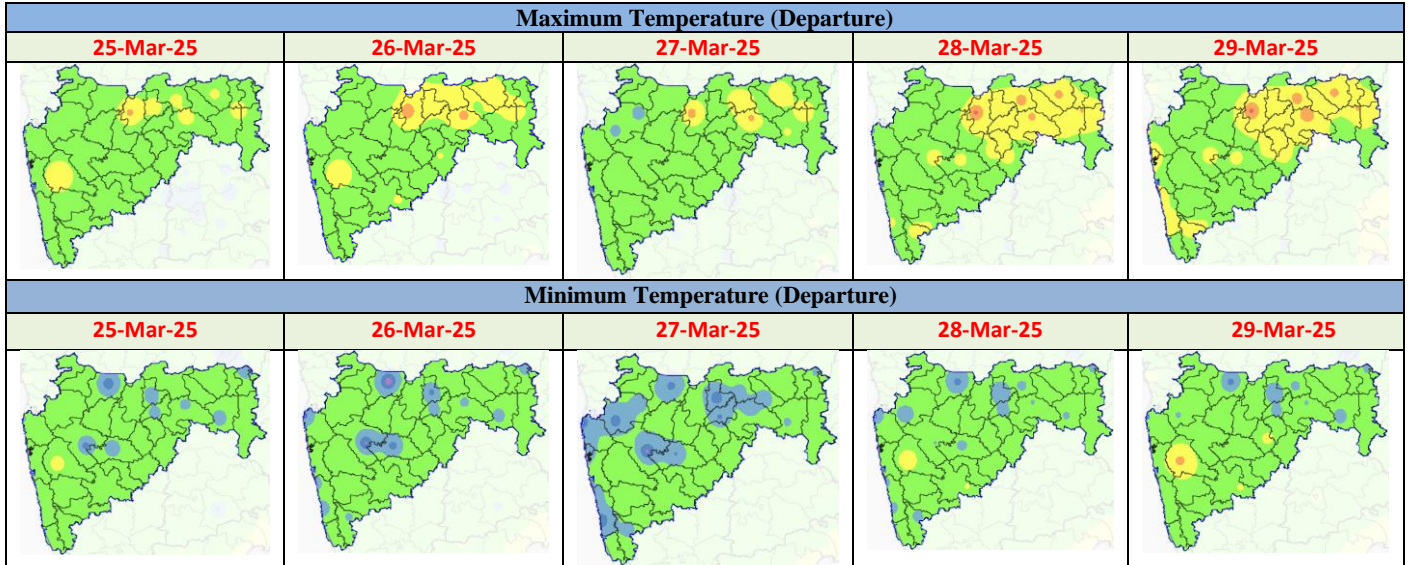
Marathwada	
<b>Maximum Temperature:</b>	Gradual rise in maximum temperature by 2-3 deg C over Marathwada during next 4-5 days.
<b>Minimum Temperature:</b>	Gradual fall in minimum temperature by 2-3 deg C over Marathwada region during next 3 days and gradual rise over southern parts of Marathwada thereafter.



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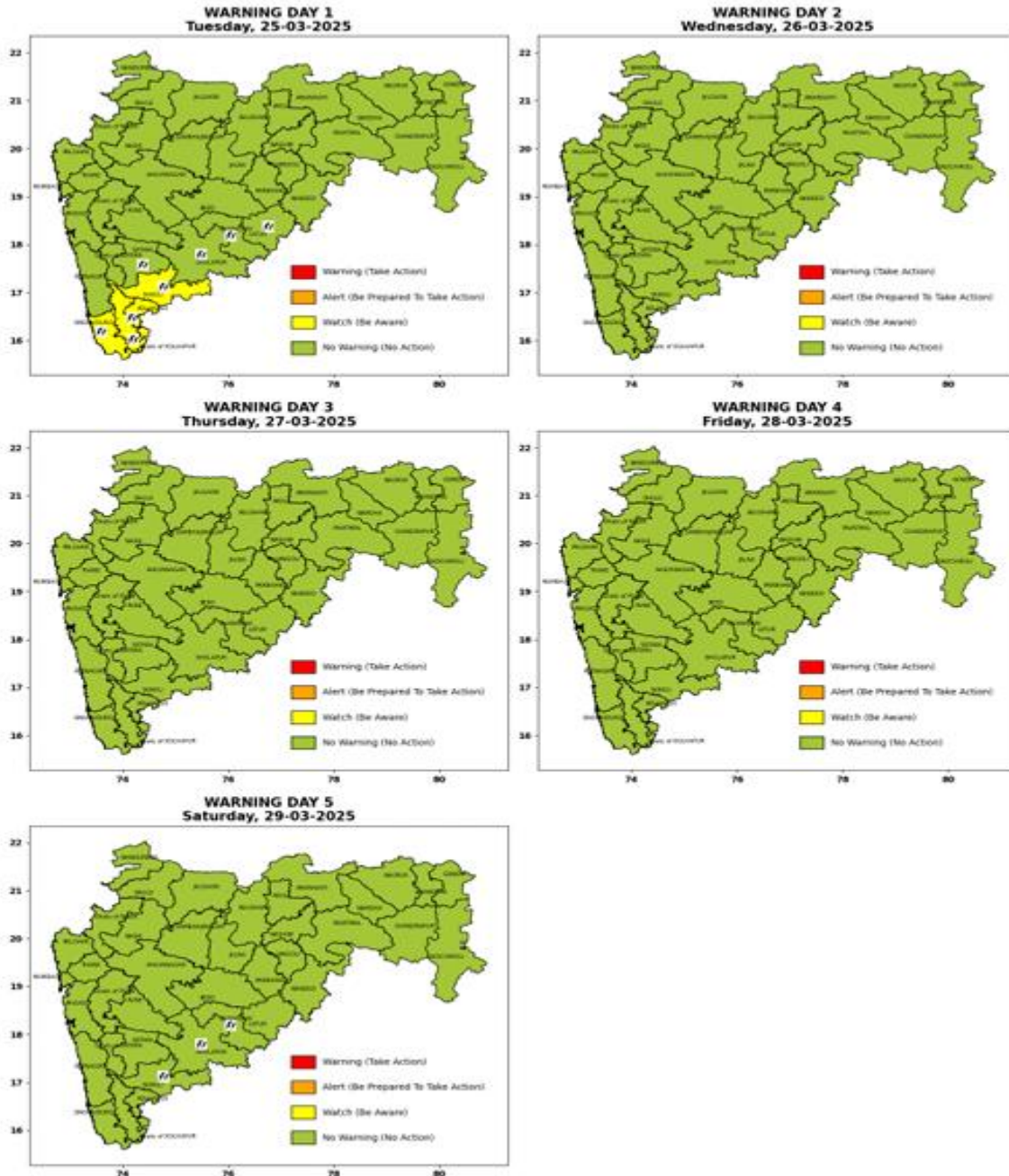
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### District Wise Hot and Humid, Heat Wave conditions warning:

### WARNINGS





**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:**

	<p><b>When maximum temperature of a station reaches <math>\geq 40^{\circ}\text{C}</math> for plains and <math>\geq 30^{\circ}\text{C}</math> for hilly regions</b></p> <p><b>(a) Based on Departure from normal</b></p> <p><b>Heat Wave:</b> Maximum Temperature Departure from normal <math>4.5^{\circ}\text{C}</math> to <math>6.4^{\circ}\text{C}</math>.</p> <p><b>Severe Heat Wave:</b> Maximum Temperature Departure from normal <math>\geq 6.5^{\circ}\text{C}</math></p> <p><b>(b). Based on Actual maximum temperature</b></p> <p><b>Heat Wave:</b> When actual maximum temperature <math>\geq 45^{\circ}\text{C}</math>.</p> <p><b>Severe Heat Wave:</b> When actual maximum temperature <math>\geq 47^{\circ}\text{C}</math></p> <p><b>( c). Criteria for heat wave for coastal stations</b></p> <p>When maximum temperature departure is <math>&gt;4.5^{\circ}\text{C}</math> from normal. Heat Wave may be described provided maximum temperature <math>\geq 37^{\circ}\text{C}</math></p>
	<p><b>When maximum temperature remains <math>40^{\circ}\text{C}</math></b></p> <p><b>Warm Night:</b> When minimum temperature departure <math>4.5^{\circ}\text{C}</math> to <math>6.4^{\circ}\text{C}</math>.</p> <p><b>Severe Warm Night:</b> When minimum temperature departure <math>&gt;6.4^{\circ}\text{C}</math>.</p>

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.