

Date of Issue: 13 March 2026

## Current Temperature Status and Heat Wave Warnings

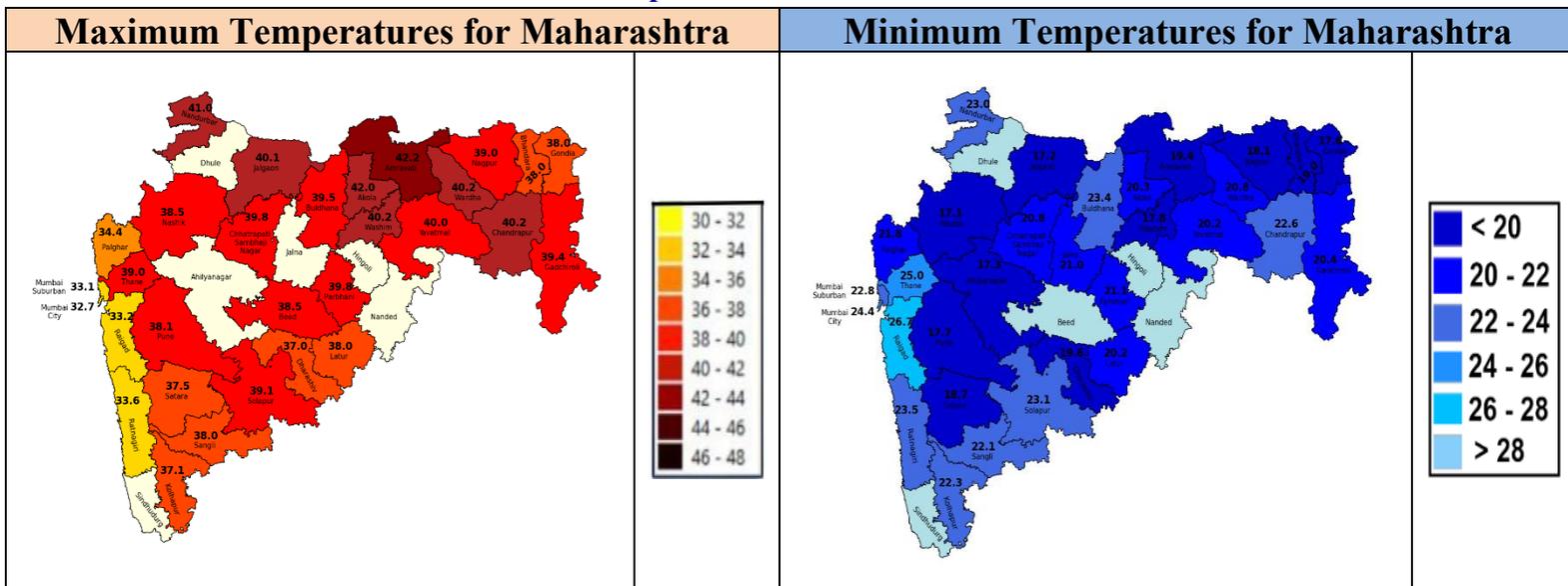
### Observed Temperature:

Subdivision	Temperature (Deg C) (Based on 12 UTC 12/03/2026)		Temperature (Deg C) (Based on 03 UTC 13/03/2026)	
	Maximum	Departure	Minimum	Departure
North Konkan	35-39	Above Normal	24-27	Above Normal
South Konkan-Goa	33-34	Above Normal	23-25	Normal
North Madhya Maharashtra	35-40	Appreciably Above Normal	18-23	Normal
South Madhya Maharashtra	37-39	Normal	19-23	Above Normal
Marathwada	37-40	Above Normal	20-21	Normal

### Heat wave/ Warm night conditions observed:

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

### Observed Maximum & Minimum Temperature





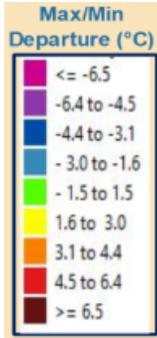
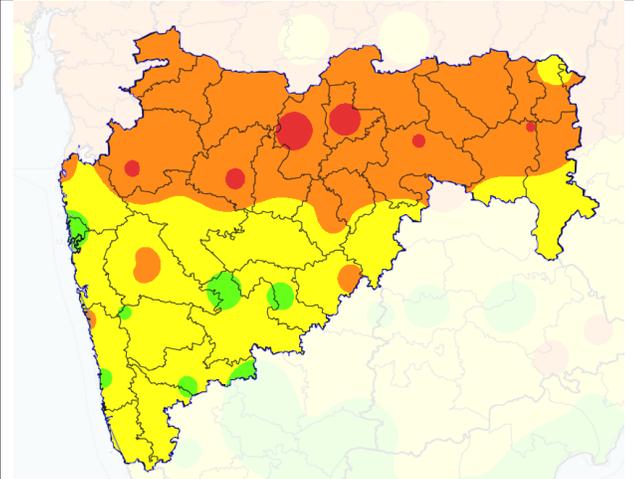
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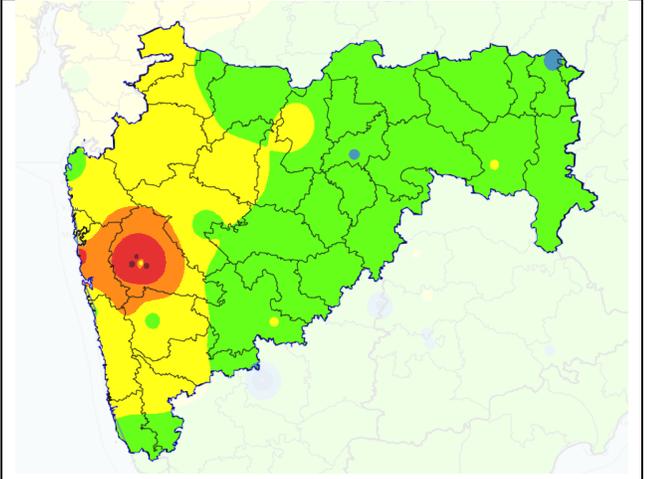
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### Observed Percentile Map of Maximum and Minimum Temperature

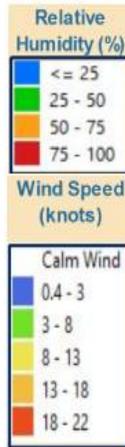
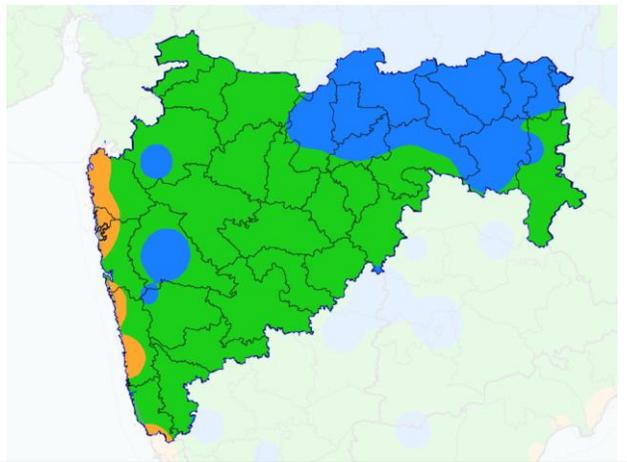
#### Maximum



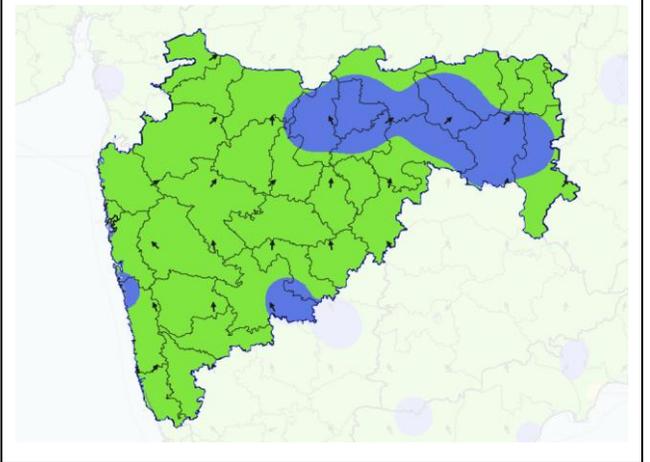
#### Minimum



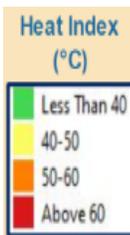
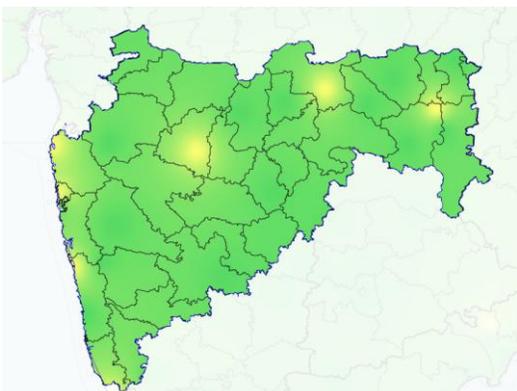
#### Observed Relative Humidity (at 1430 hrs IST)



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



#### Observed Heat Index:





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### Forecast Scenario for next 5 days

<b>Konkan-Goa</b>	
<b>Maximum Temperature:</b>	Rise in maximum temperature by 2-3 deg C over Konkan during next 2days and fall thereafter.  <b>Heat wave conditions very likely at isolated pockets over konkan</b> <ul style="list-style-type: none"><li>13 March 2026: Palghar, Thane, Mumbai, Raigad.</li></ul> <b>Hot and humid conditions very likely at isolated pockets over konkan</b> <ul style="list-style-type: none"><li>14 March 2026: Palghar, Thane, Mumbai, Raigad.</li></ul>
<b>Minimum Temperature:</b>	Gradual rise in minimum temperature by 1-2 deg C over Konkan region during 4-5 days.

<b>Madhya Maharashtra</b>	
<b>Maximum Temperature:</b>	No large change in maximum temperatures over interior parts of Madhya Maharashtra during next 2 days and gradual fall by 2-4 deg C during subsequent 3 days.
<b>Minimum Temperature:</b>	Gradual rise in minimum temperature by 1-2 deg C over Madhya Maharashtra region during 4-5 days.

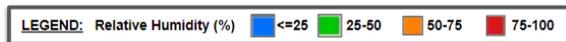
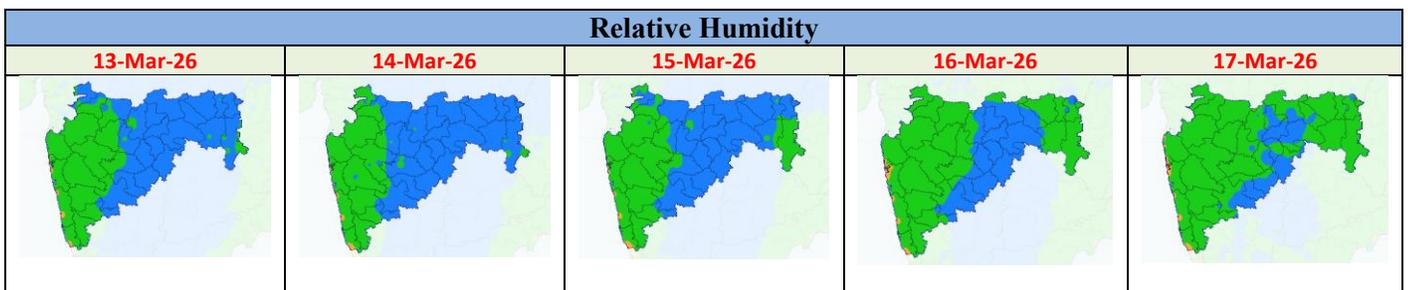
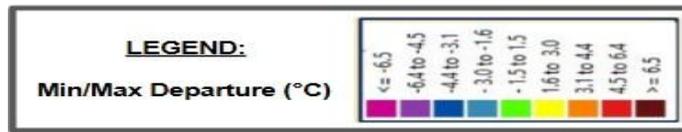
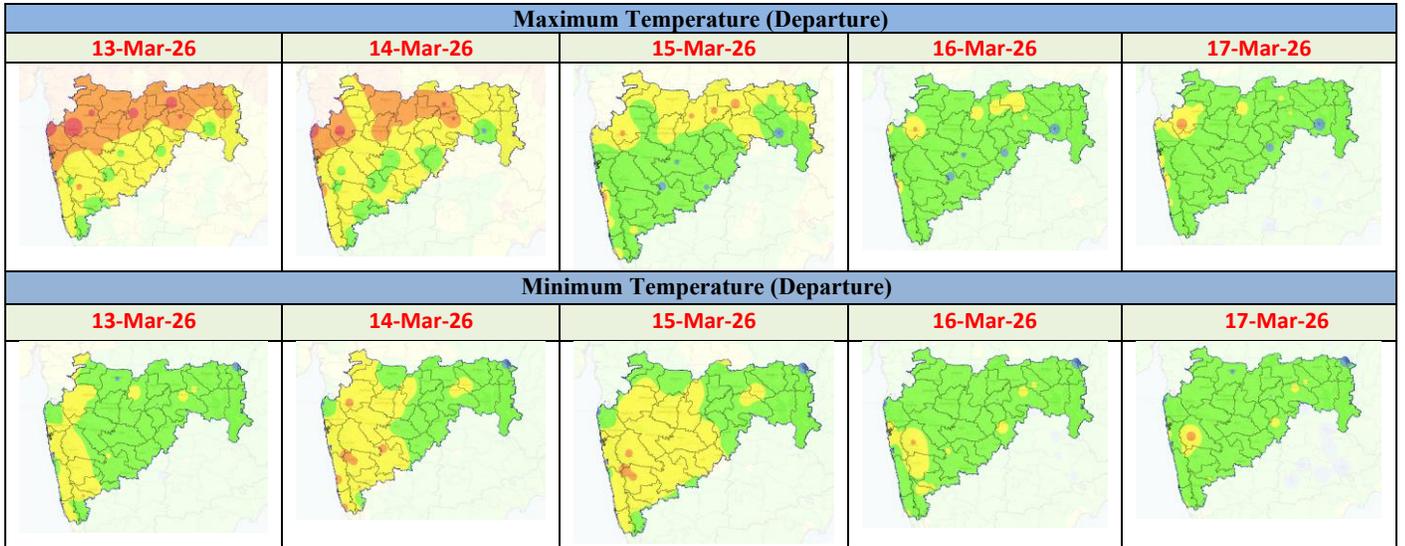
<b>Marathwada</b>	
<b>Maximum Temperature:</b>	No large change in maximum temperatures over interior parts of Marathwada during next 2 days and gradual fall by 2-4 deg C during subsequent 3 days.
<b>Minimum Temperature:</b>	Gradual rise in minimum temperature by 1-2 deg C over Marathwada region during 4-5 days.



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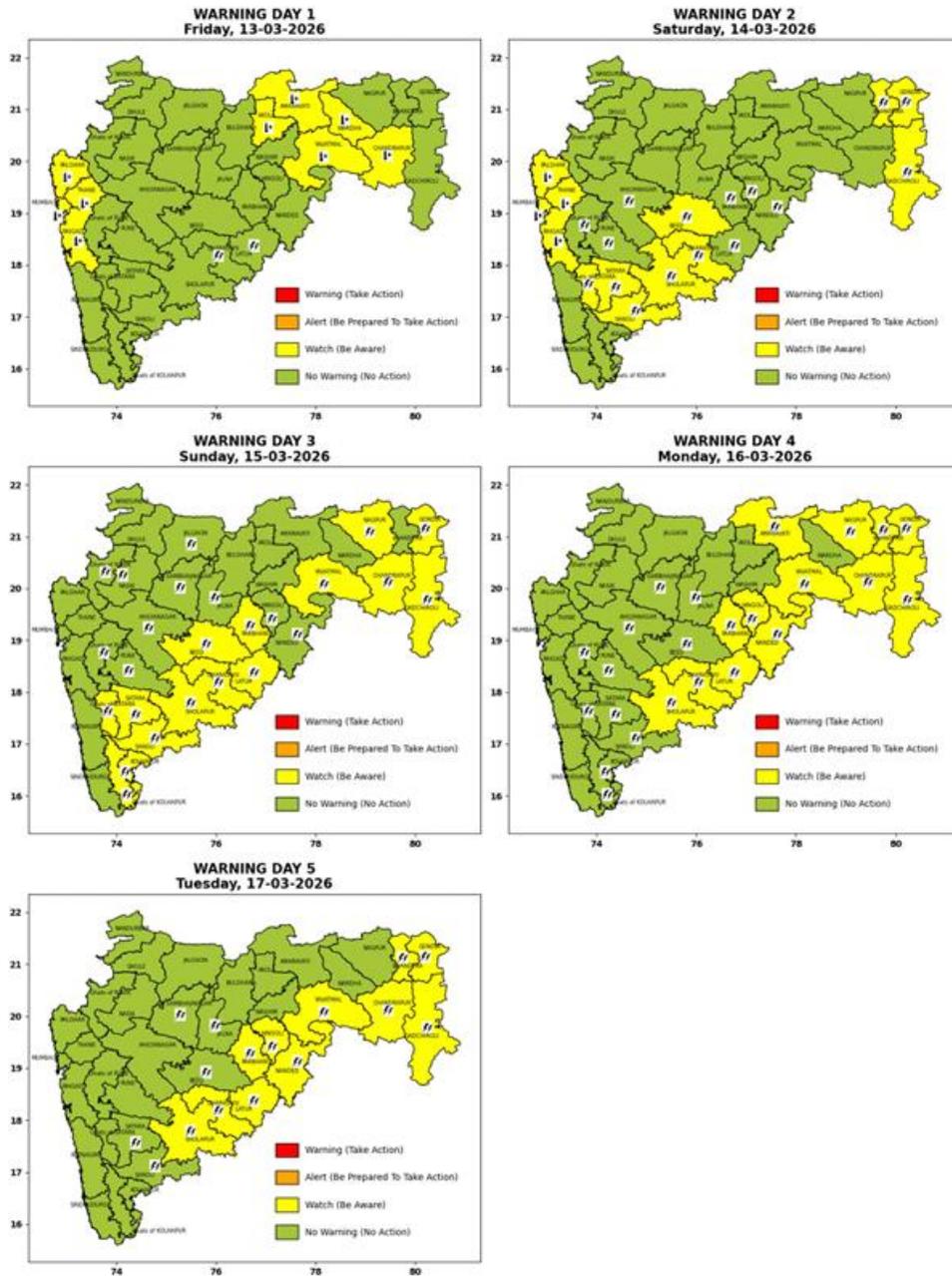


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LEGEND: Wind Speed (Knots) 0.4 - 3 3 - 8 8 - 13 13 - 18 18 - 22

### 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:

 <b>Heat Wave</b>	<p>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</p> <p><b>(a) Based on Departure from normal</b></p> <p>Heat Wave: Maximum Temperature Departure from normal <math>4.5^{\circ}\text{C}</math> to <math>6.4^{\circ}\text{C}</math>.</p> <p>Severe Heat Wave: 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>Heat Wave: When actual maximum temperature <math>\geq 45^{\circ}\text{C}</math>.</p> <p>Severe Heat Wave: 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>
 <b>Warm Night</b>	<p><b>When maximum temperature remains <math>40^{\circ}\text{C}</math></b></p> <p>Warm Night: When minimum temperature departure <math>4.5^{\circ}\text{C}</math> to <math>6.4^{\circ}\text{C}</math>.</p> <p>Severe Warm Night: When minimum temperature departure <math>&gt;6.4^{\circ}\text{C}</math>.</p>



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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 persist 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.