

Date of Issue: 9 March 2025

## Current Temperature Status and Heat Wave Warnings

### Observed Temperature:

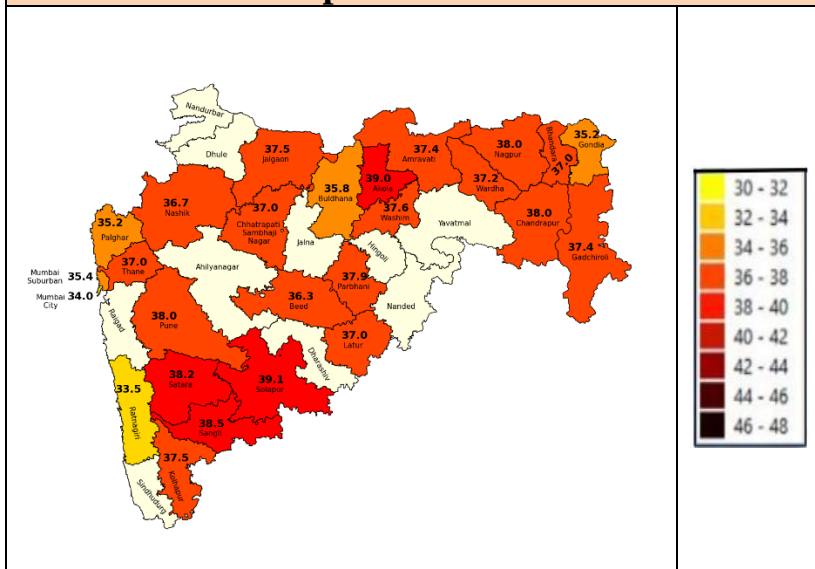
Subdivision	Temperature (Deg C) (Based on 12 UTC 08/03/2025)		Temperature (Deg C) (Based on 03 UTC 09/03/2025)	
	Maximum	Departure	Minimum	Departure
North Konkan	34-37	Appreciably Above Normal	19-24	Normal
South Konkan-Goa	32-34	Above Normal	21-23	Normal
North Madhya Maharashtra	36-38	Above Normal	13-16	Normal
South Madhya Maharashtra	33-39	Above Normal	15-19	Normal
Marathwada	36-38	Above Normal	12-18	Normal

### Heat wave/ Warm night conditions observed:

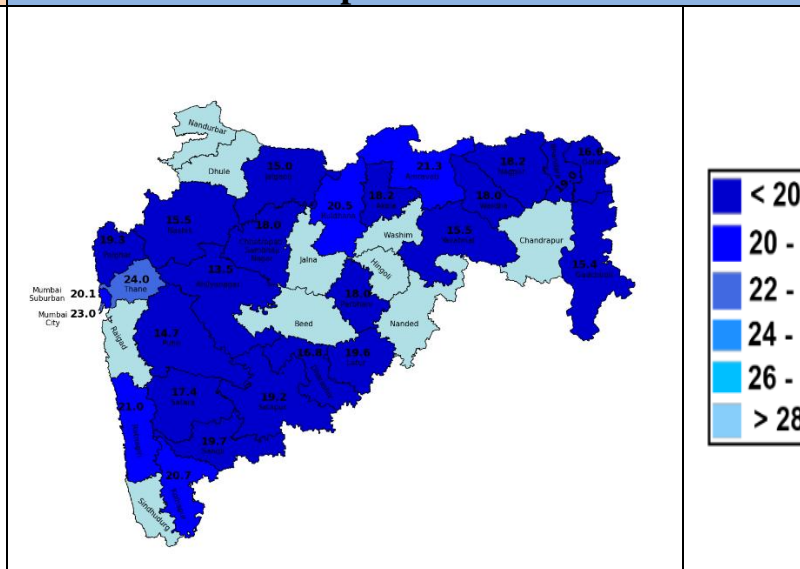
Subdivision	Heat Wave	Warm Night	Hot Humid
Konkan- Goa	Nil	Nil	YES
Madhya Maharashtra	Nil	Nil	Nil
Marathwada	Nil	Nil	Nil

### Observed Maximum & Minimum Temperature

#### Maximum Temperatures for Maharashtra



#### Minimum Temperatures for Maharashtra





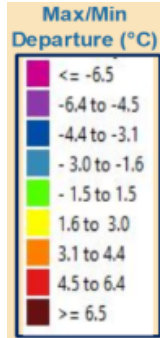
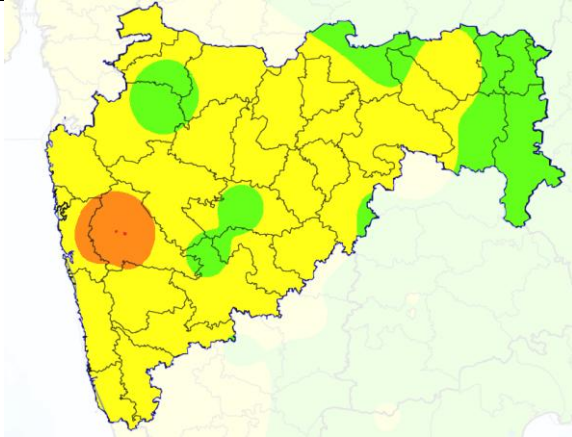
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प्रादेशिक हवामानशास्त्र केंद्र,  
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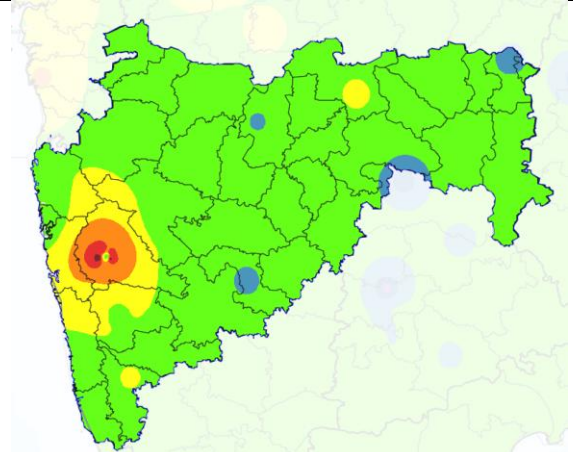
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## Observed Percentile Map of Maximum and Minimum Temperature

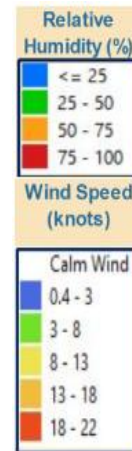
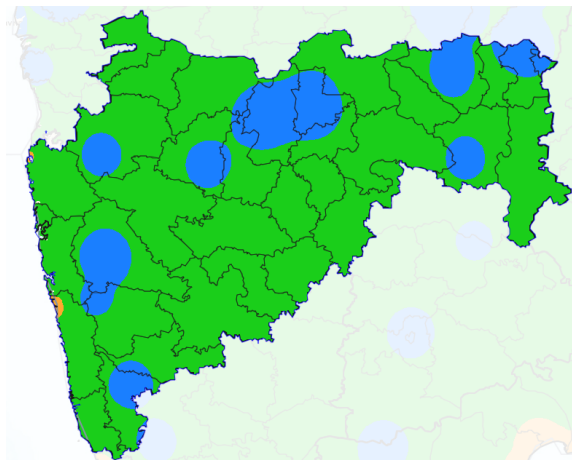
### Maximum



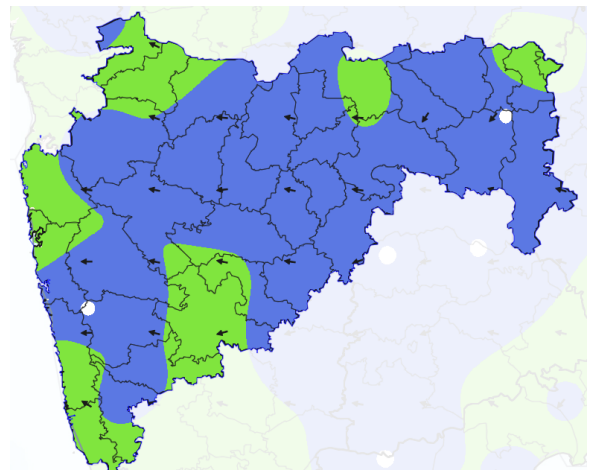
### Minimum



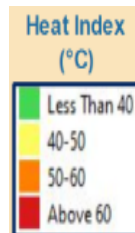
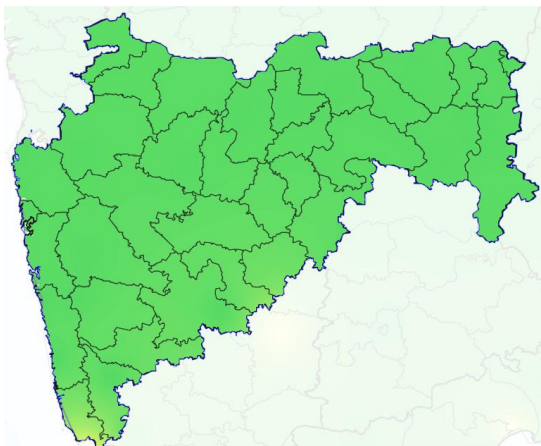
### Observed Relative Humidity (at 1430 hrs IST)



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



### Observed Heat Index:



### Forecast Scenario for next 5 days

Konkan-Goa	
<b>Maximum Temperature:</b>	<p>Gradual rise in maximum temperature by 2-3 deg C over Konkan region during next 2-3 days and gradual fall thereafter. Maximum temperature very likely to prevail between 36-38 Deg C over parts of Konkan during next 2-3 days.</p> <p><b>Heatwave condition in isolated pockets Konkan</b></p> <ul style="list-style-type: none"> <li>10 March 2025: Thane, Raigad, Mumbai, Palghar, Ratnagiri</li> </ul> <p><b>Hot and humid condition in isolated pockets Konkan</b></p> <ul style="list-style-type: none"> <li>09 March 2025: Thane, Raigad, Mumbai Suburbs, Ratnagiri, Palghar.</li> <li>10 March 2025: Sindhudurg</li> <li>11 March 2025: Thane, Raigad, Mumbai, Sindhudurg, Ratnagiri</li> </ul>
<b>Minimum Temperature:</b>	Gradual rise in minimum temperature by 1-2 deg C during next 3-4 days over Konkan region.

Madhya Maharashtra	
<b>Maximum Temperature:</b>	Gradual rise in maximum temperature by 2-3 deg C over Madhya Maharashtra region during next 4-5 days.
<b>Minimum Temperature:</b>	Gradual rise in minimum temperature by 2-3 deg C during next 3-4 days over Madhya Maharashtra region.

Marathwada	
<b>Maximum Temperature:</b>	Gradual rise in maximum temperature by 2-3 deg C over Marathwada region during next 4-5 days.
<b>Minimum Temperature:</b>	Gradual rise in minimum temperature by 1-2 deg C during next 3-4 days over Marathwada region.



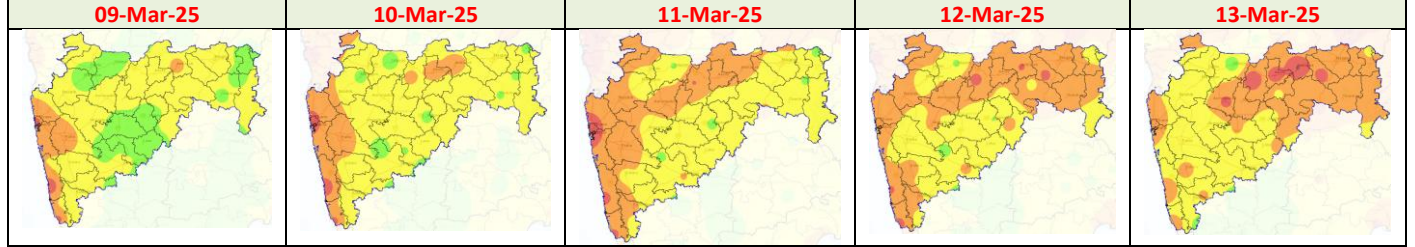


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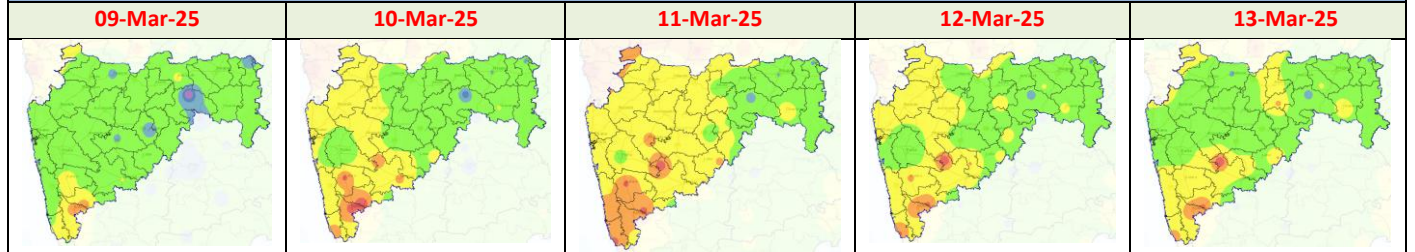


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#### Maximum Temperature (Departure)



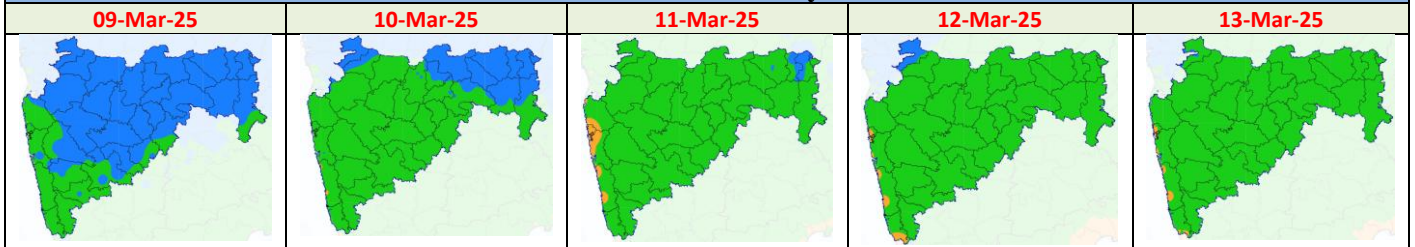
#### Minimum Temperature (Departure)



**LEGEND:**  
Min/Max Departure (°C)



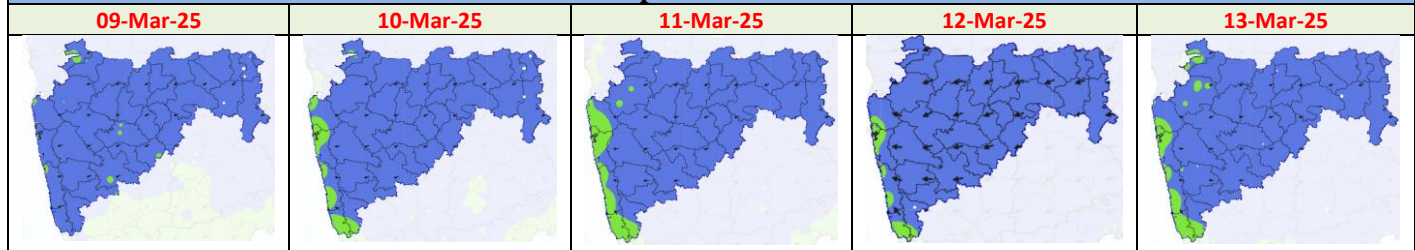
#### Relative Humidity



**LEGEND:** Relative Humidity (%)



#### Wind Speed and Direction



**LEGEND:** Wind Speed (Knots)





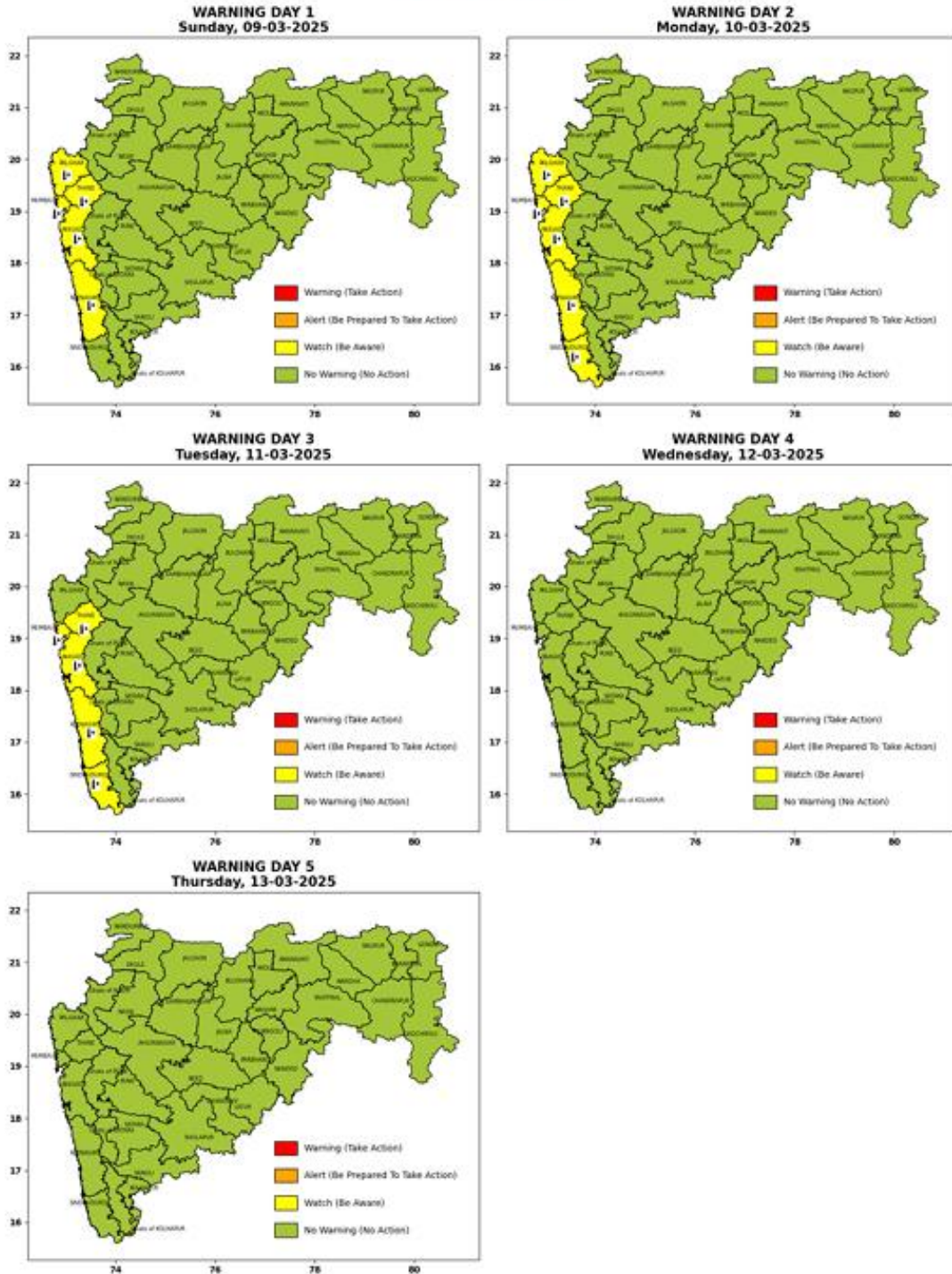
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## District Wise Hot and Humid, Heat Wave conditions warning:

### 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>	<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>	
	<b>(a) Based on Departure from normal</b>	
	Heat Wave: Maximum Temperature Departure from normal $4.5^{\circ}\text{C}$ to $6.4^{\circ}\text{C}$ .	
	Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$	
 <b>Warm Night</b>	<b>(b). Based on Actual maximum temperature</b>	
	Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$ .	
	Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$	
	<b>(c). Criteria for heat wave for coastal stations</b>	
 <b>Warm Night</b>	When maximum temperature departure is $>4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$	
	<b>When maximum temperature remains <math>40^{\circ}\text{C}</math></b>	
	Warm Night: When minimum temperature departure $4.5^{\circ}\text{C}$ to $6.4^{\circ}\text{C}$ .	
	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. (i) 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.