

Date of Issue: 15 April 2025

Current Temperature Status and Heat Wave Warnings

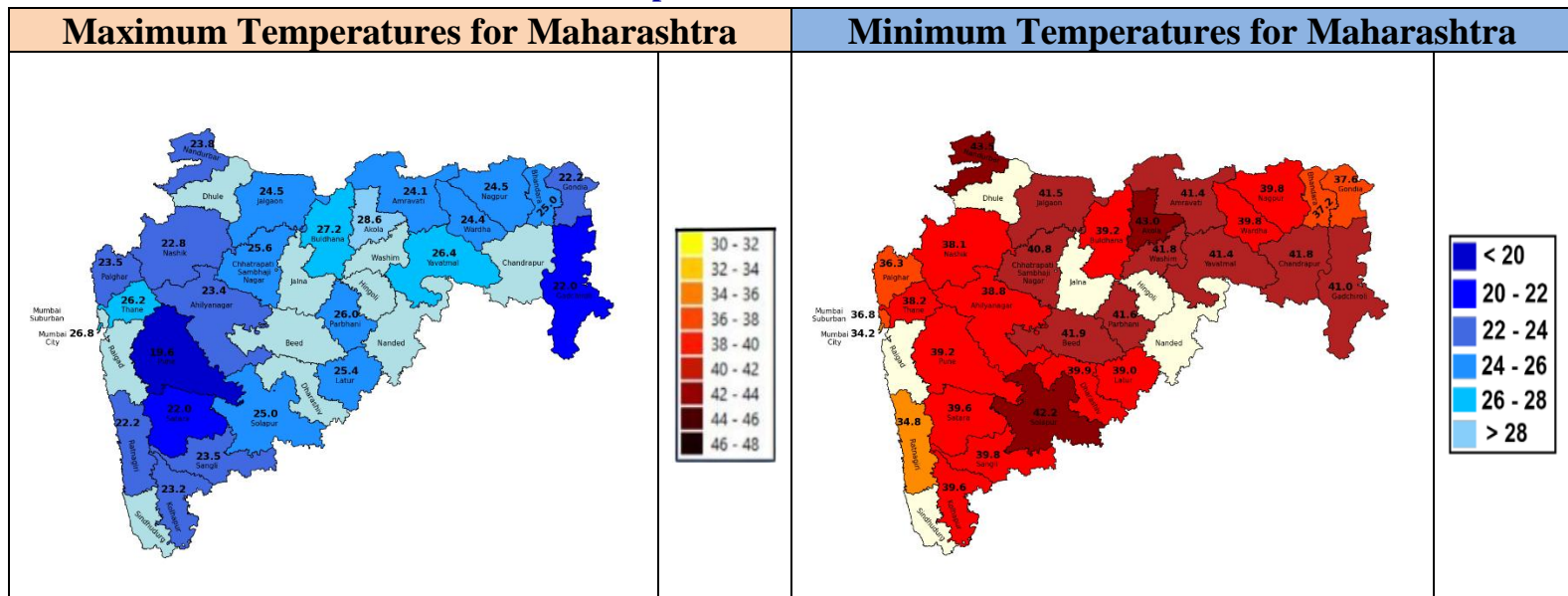
Observed Temperature:

Subdivision	Temperature (Deg C) (Based on 12 UTC 14/04/2025)		Temperature (Deg C) (Based on 03 UTC 15/04/2025)	
	Maximum	Departure	Minimum	Departure
North Konkan	34-38	Above Normal	22-27	Normal
South Konkan- Goa	33-35	Normal	22-27	Normal
North Madhya Maharashtra	38-41	Normal	19-26	Above Normal
South Madhya Maharashtra	40-42	Normal	20-25	Normal
Marathwada	39-42	Normal	22-26	Above Normal

Heat wave/ Warm night conditions observed:

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

Observed Maximum & Minimum Temperature





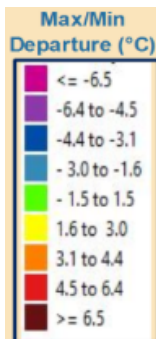
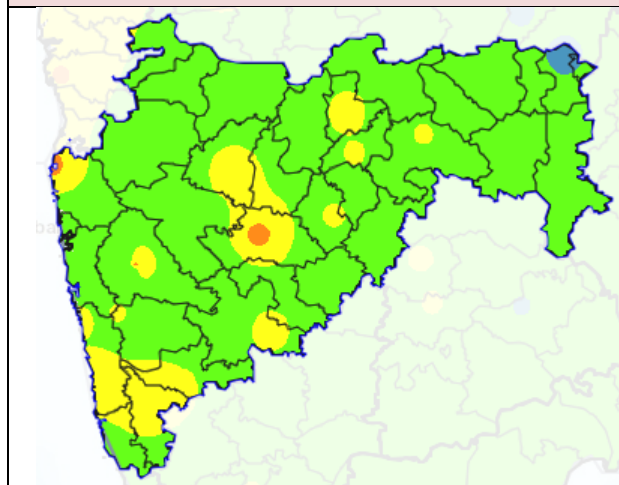
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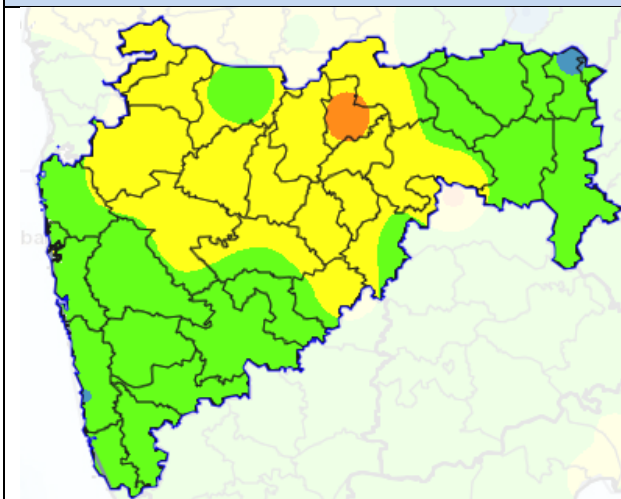
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Observed Maximum and Minimum Temperature Departure

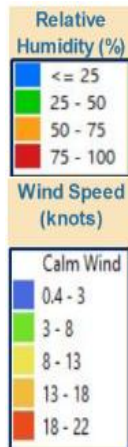
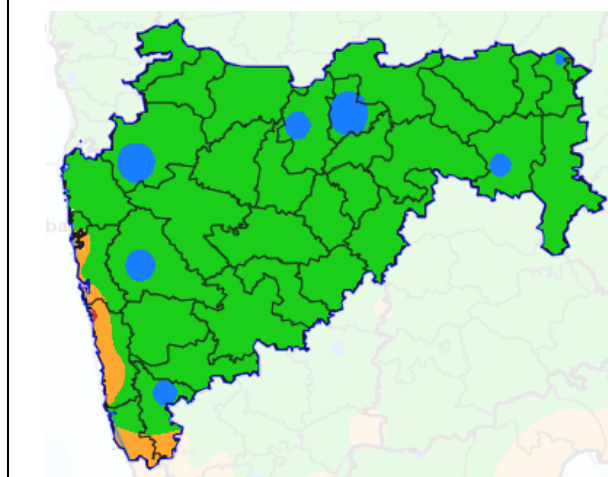
Maximum



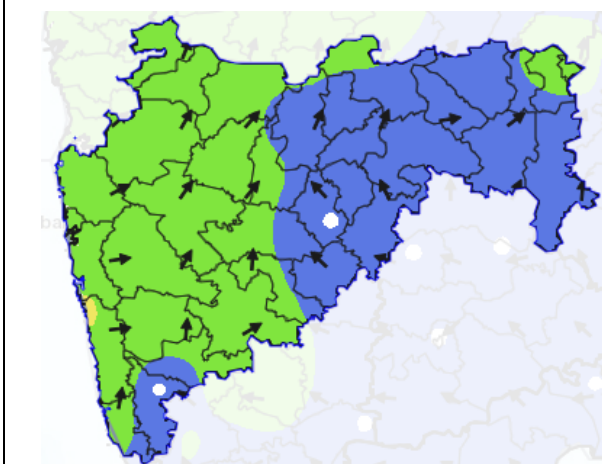
Minimum



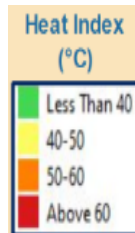
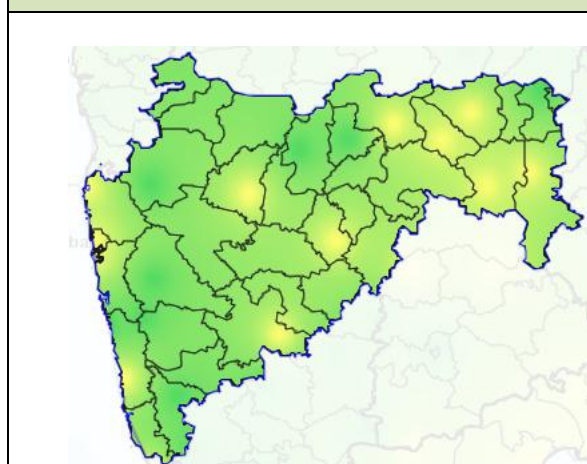
Observed Relative Humidity (at 1430 hrs IST)



Observed Wind Speed & Direction (at 1430 hrs IST)



Observed Heat Index:



Forecast Scenario for next 5 days

Konkan-Goa	
Maximum Temperature:	Gradual fall in maximum temperature by 1-2 deg C during next 3-4 days. Hot and humid condition in isolated pockets: 15TH APRIL 2025: Palghar, Mumbai, Thane, Raigad
Minimum Temperature:	No large change in minimum temperature over Konkan during next 3-4 days.

Madhya Maharashtra	
Maximum Temperature:	Gradual rise in maximum temperature by 2-3 deg C over Madhya Maharashtra during next 4-5 days. Hot and humid condition in isolated pockets: 17TH APRIL 2025: Nasik, Pune. Ahmednagar, Jalgaon, Nandurbar, Dhule, Solapur. 18TH APRIL 2025: Nasik, Pune. Ahmednagar, Jalgaon, Dhule, Solapur.
Minimum Temperature:	No large change in minimum temperature over Madhya Maharashtra during next 3-4 days.

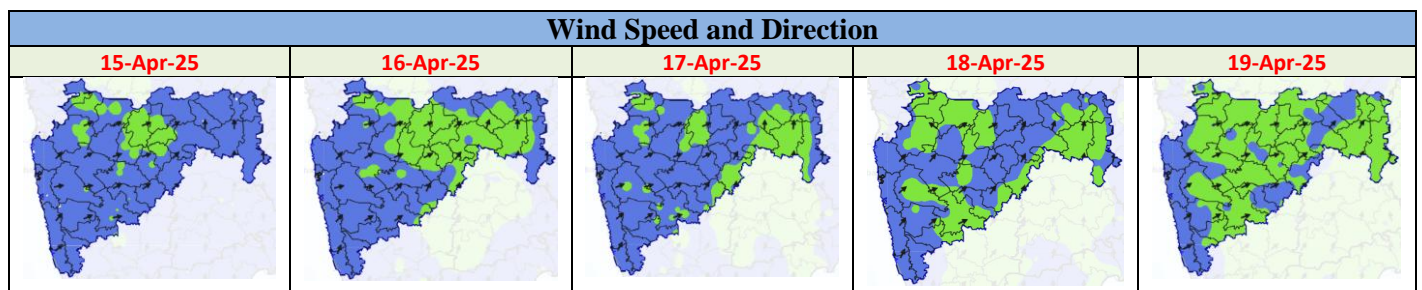
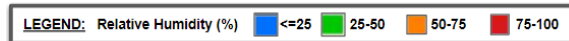
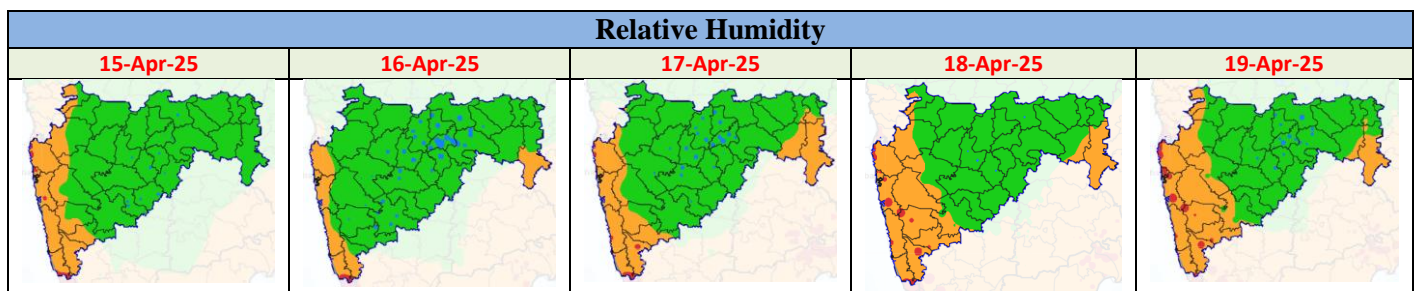
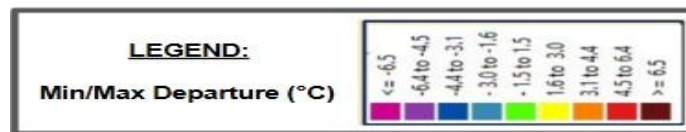
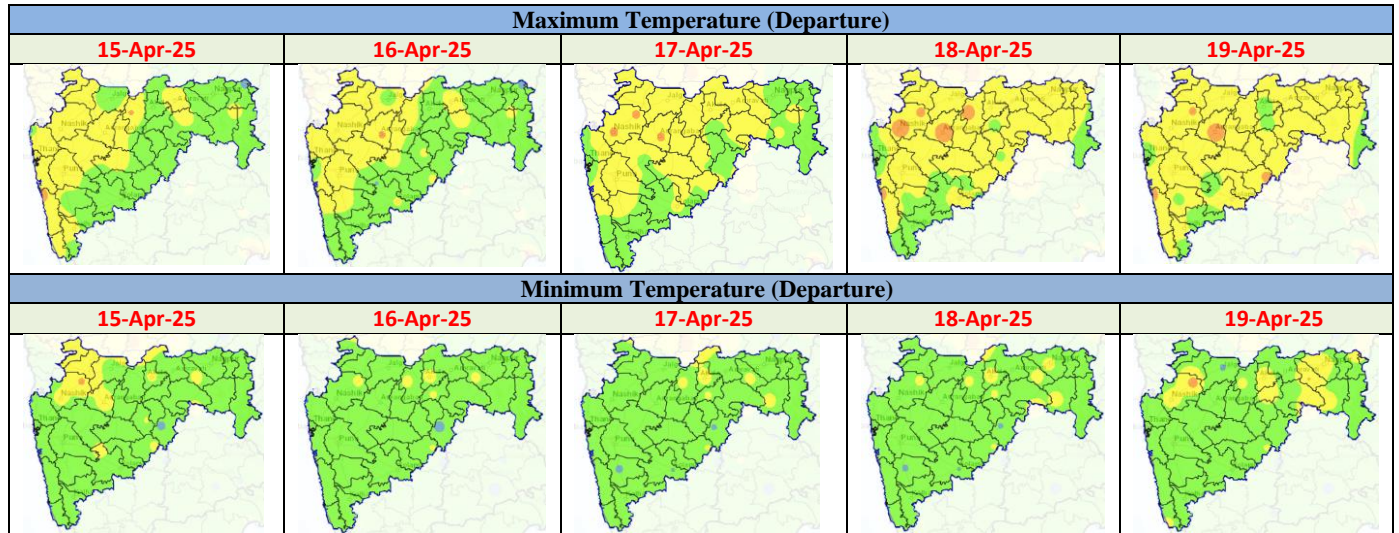
Marathwada	
Maximum Temperature:	Gradual rise in maximum temperature by 2-3 deg C over Marathwada during next 4-5 days. Hot and humid condition in isolated pockets: 17TH APRIL 2025: Beed, Osmanabad, Aurangabad 18TH APRIL 2025: Aurangabad, Jalna, Beed, Latur, Osmanabad 19TH APRIL 2025: Jalna, Parbhani, Hingoli, Nanded, Latur
Minimum Temperature:	No large change in minimum temperature over Marathwada during next 3-4 days.



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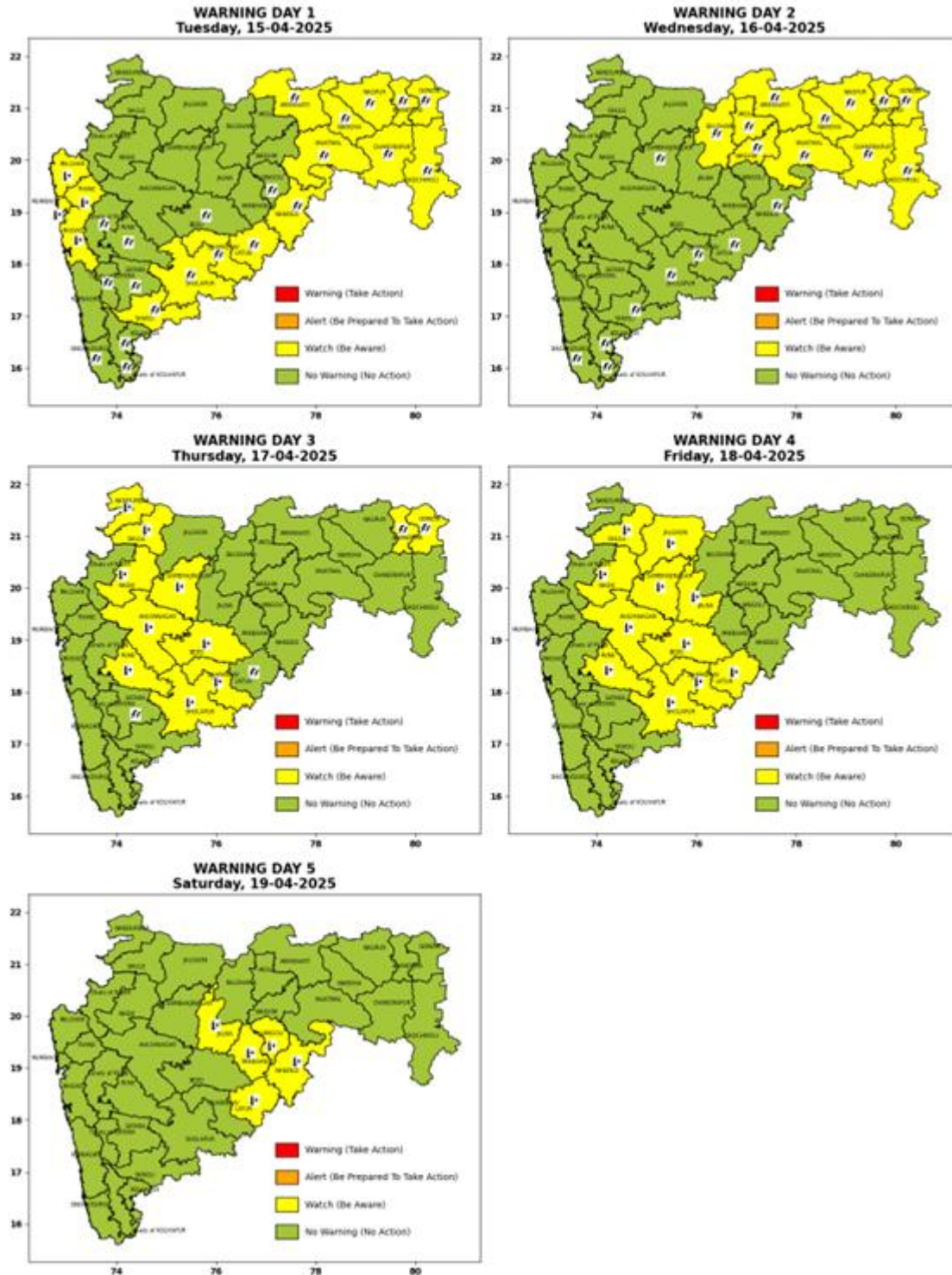
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District Wise Hot and Humid, Heat Wave conditions warning:

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:

 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
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 $>6.4^{\circ}\text{C}$.	



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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. (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.