



Heat Wave Bulletin

DATE: 27.04.2025
TIME: 12:30 HRS IST

Maximum Temperature:

Maximum temperatures likely to rise gradually by 2-3 °C during next 3-4 days.

Minimum Temperature:

Minimum temperatures likely to rise gradually by 3-5 °C during next 4-5 days.

Relative Humidity:

Relative humidity likely to remain in the range of 40 to 75 % over catchment areas of rivers and lakes and between 30 to 60% over remaining areas of State for next 3 to 4 days and increase thereafter,

Yesterday's Maximum Day Temperature: 40.0 °C Paonta Sahib & Una.

Today's Highest Minimum Temperature: 22.0 °C Paonta Sahib.

| <u>Day's</u> | <u>Warnings</u> |
|------------------------------------|--|
| Day-1(27 th April 2025) | NIL |
| Day-2(28 th April 2025) | Heat wave likely at isolated places in the districts of Una, Mandi and Kullu |
| Day-3(29 th April 2025) | Heat wave likely at isolated places in the districts of Una, Mandi and Kullu |
| Day-4(30 th April 2025) | Heat wave likely at isolated places in the districts of Una, Mandi and Kullu |
| Day-5(01 st May 2025) | NIL |

भारत सरकार
पृथ्वी विज्ञान मंत्रालय
भारत मौसम विज्ञान विभाग
मौसम केंद्र शिमला
हि. प्र.-171004

Govt. of India,
Ministry of Earth Sciences,
India Meteorological
Department,
Meteorological Centre,
Shimla-171004

Impact:

Moderate temperature & heat is tolerable for general public but moderate health concern likely for vulnerable people e.g. infants, elderly, people with chronic diseases.

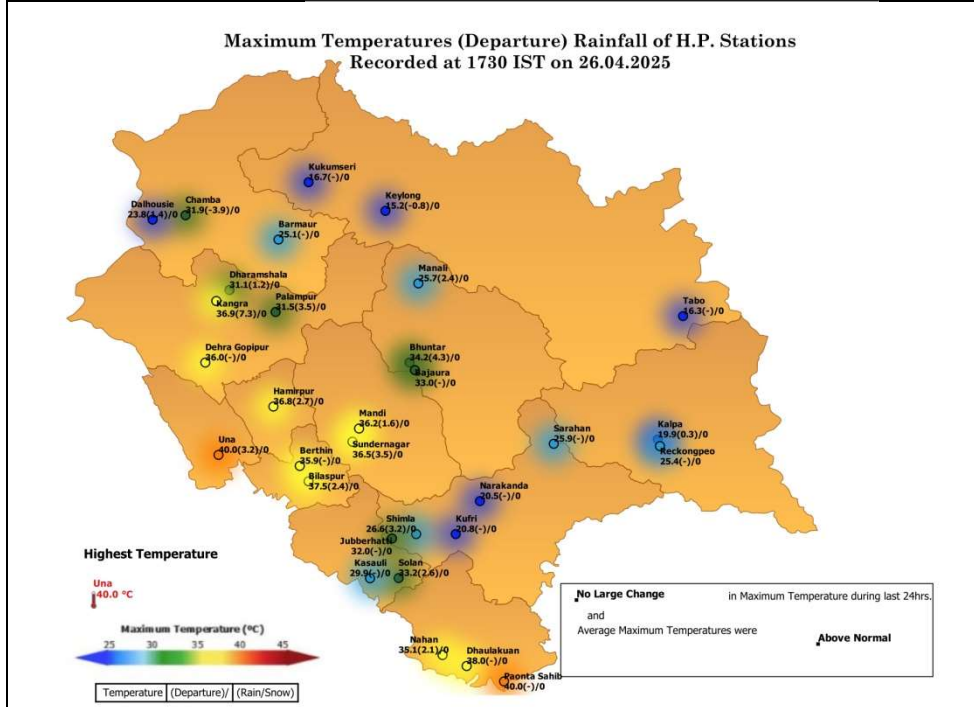
ACTION SUGGESTED due to Heat Wave Conditions:

- Avoid heat exposure.
- Wear light weight, light colour, loose, cotton clothes.
- Cover your head, use a cloth, hat or umbrella.
- Apply light and frequent irrigation to standing crops to avoid heat stress; provide mulching to conserve soil moisture and minimize evaporation.
- Apply light and frequent irrigation to standing crops to avoid heat stress; provide mulching to conserve soil moisture and minimize evaporation.

Shobhit Katiyar, Sc. –D
For Head & Scientist F,
Met.Centre Shimla



Yesterday's Maximum Temperature



Warm Night

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 °C.

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 $\geq 6.5^\circ\text{C}$

(b). Based on Actual maximum temperature

Heat Wave: When actual maximum temperature $\geq 45^\circ\text{C}$.

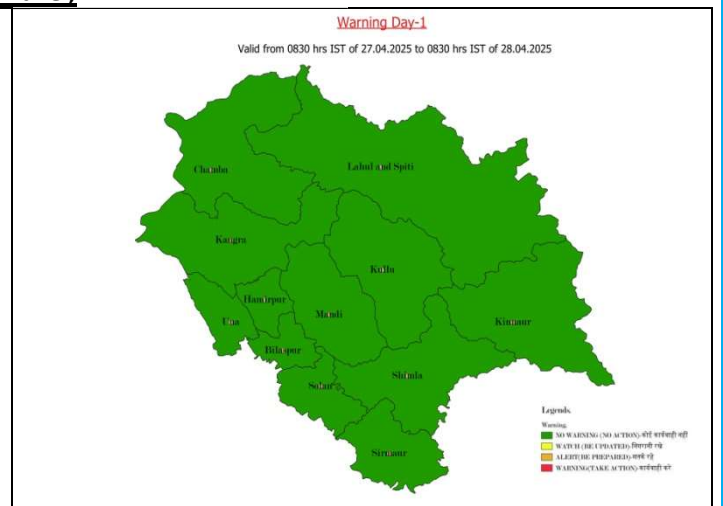
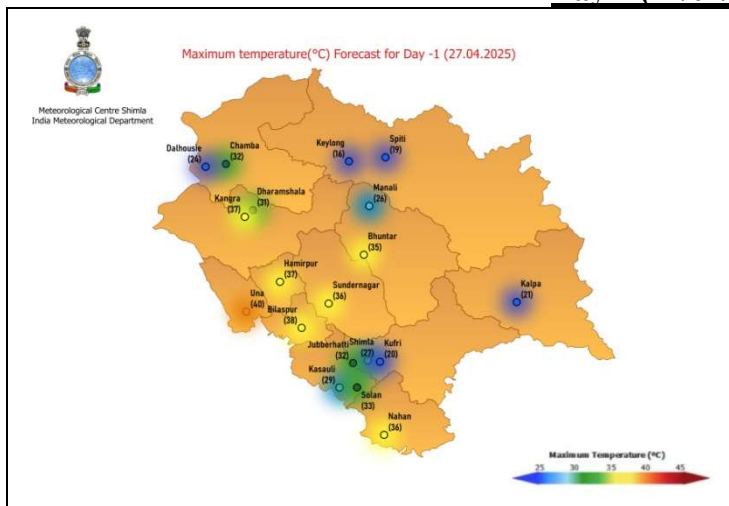
Severe Heat Wave: When actual maximum temperature $\geq 47^\circ\text{C}$

(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 $\geq 37^\circ\text{C}$

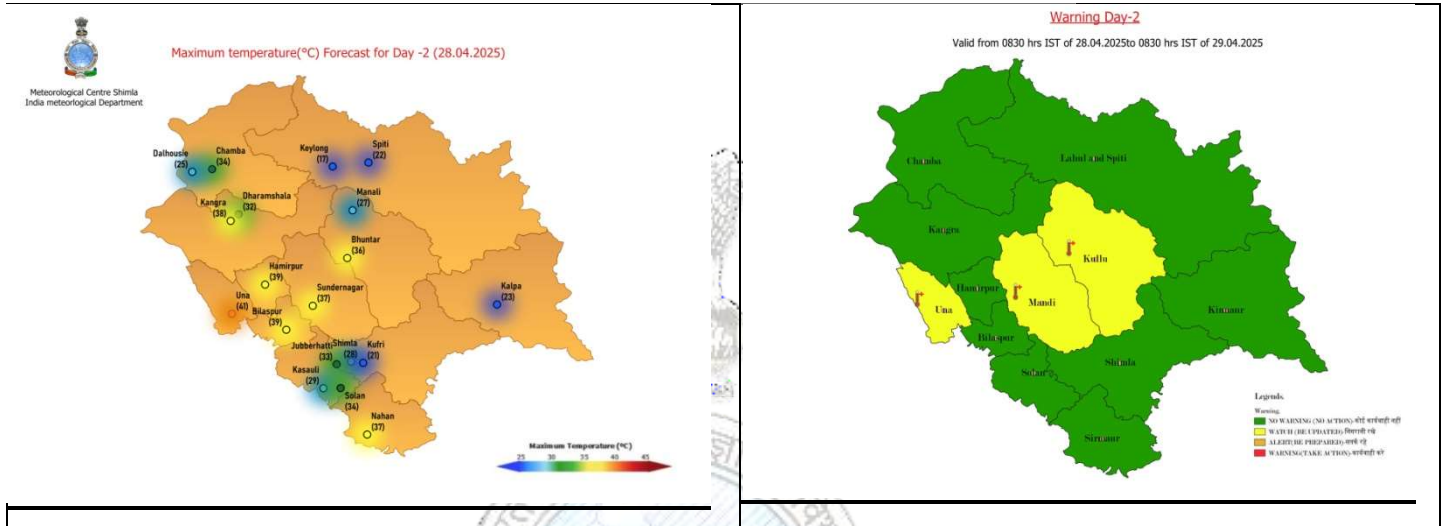
Next Five day's Maximum Temperature Forecast & Warnings

Day-1 (27/04/2025)

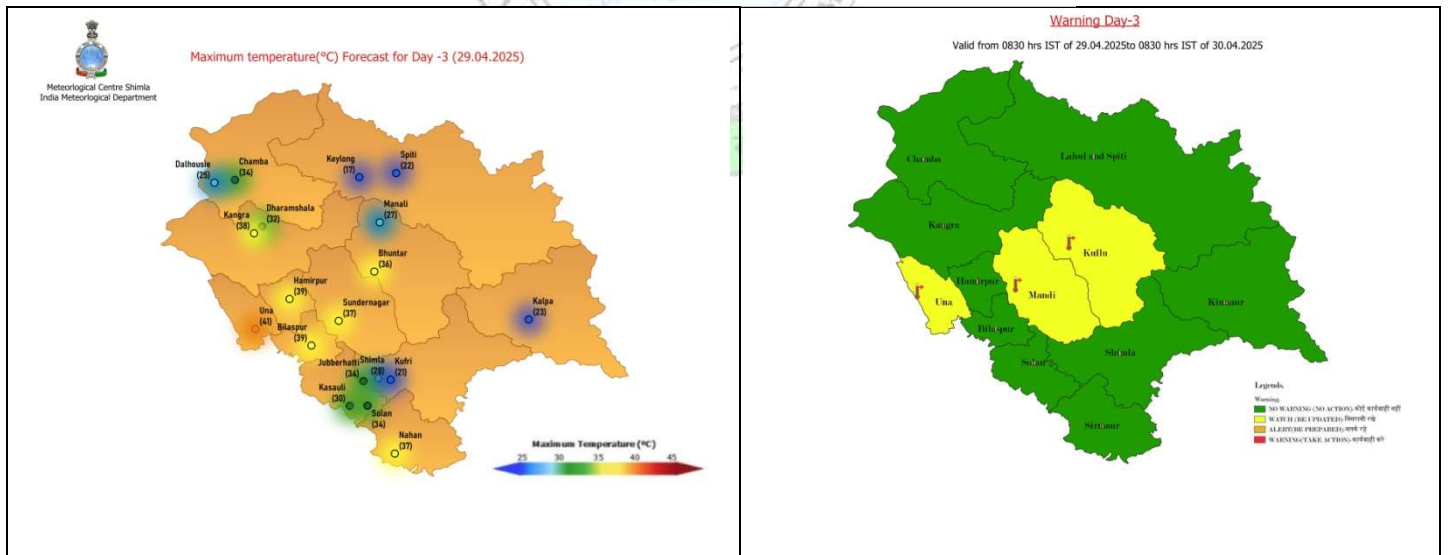




Day-2 (28/04/2025)

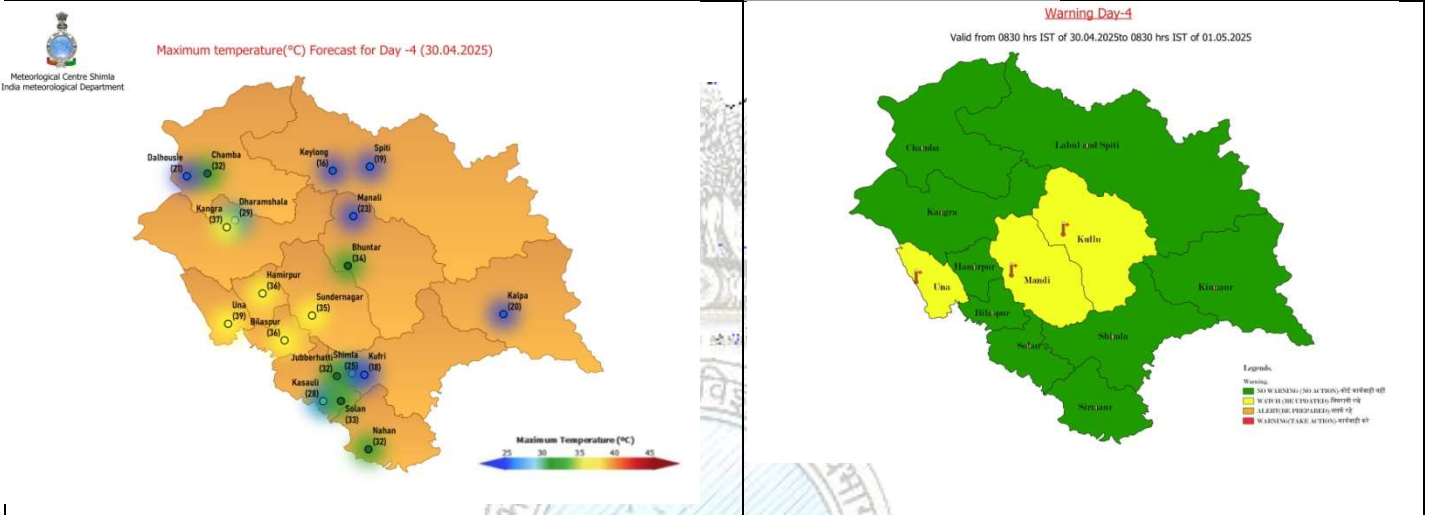


Day-3 (29/04/2025)





Day-4 (30/04/2025)



Day-5 (01/05/2025)

