

उत्तराखण्ड के लिए तापमान पूर्वानुमान Temperature forecast for Uttarakhand

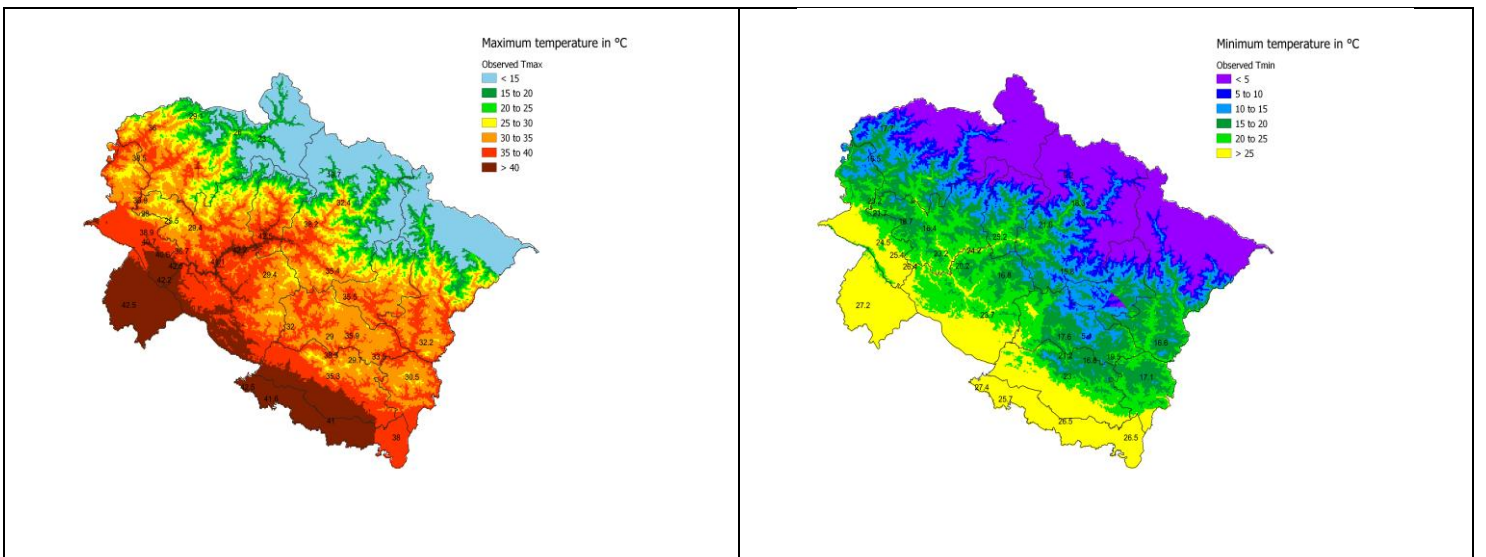
जारी करने की तिथि व समय / Date & Time of issue:
19th May, 2024 at 11:30 Hours IST

तापमान पूर्वानुमान सारांश/ Temperature forecast Summary

- During the past 24 hours, maximum temperatures were observed above normal by 3°C to 5°C at many places over Uttarakhand.
- **During the past 24 hours, heat wave was observed at isolated places in plains over Uttarakhand.**
- No significant change in maximum temperatures during next 24 hours and gradual decrease thereafter.
- **Heat wave warning:**
- **Heat wave condition** likely to occur at isolated places in Uttarakhand.
- The heat index is likely to be more than 40°C over plains of Uttarakhand during next 4-5 days.
- The maximum temperatures exceeded 90 percentile in most parts of Uttarakhand. The maximum temperatures are likely to exceed 95 percentile in most parts of Uttarakhand during next 2-3 days.
- **Impact:** Due to gradual rise in maximum temperatures and dry weather, conditions are becoming favourable for initiation/ spread of forest fires at isolated places in Nainital, Champawat, Pauri, Dehradun and Tehri districts.
- **Suggested Actions:** People are advised to remain indoors during **1300 to 1600 HRS IST** as far as possible to minimize the impact of high temperature.

पिछले 24-घंटों में दर्ज अधिकतम एवं न्यूनतम तापमान:

Maximum and Minimum Temperature observed during past 24-hours:



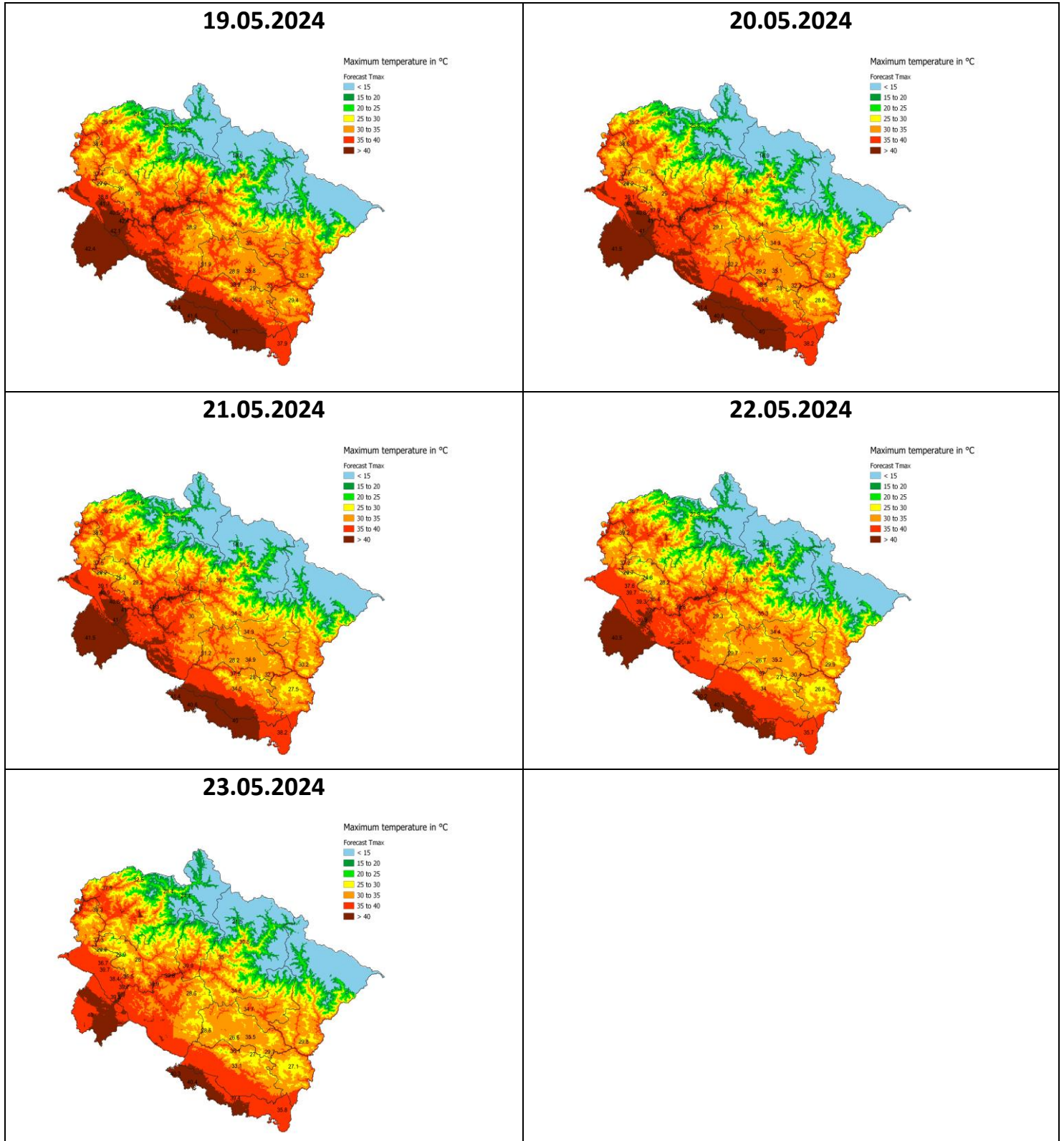
24 hours accumulated rainfall observed at 0830 IST (mm):

(Manual): Dunda- 16.0, Tharali- 7.0, Garud/ Tehri- 3.0, Someshwar- 2.0, Pithoragarh- 2.1, Mori/ Bageshwar- 2.0

(AWS/ARG): Bhainsiya Chhana- 7.0, Naugaon- 3.5, Mori/Almora- 2.5, Kosani/ Didihat- 2.0

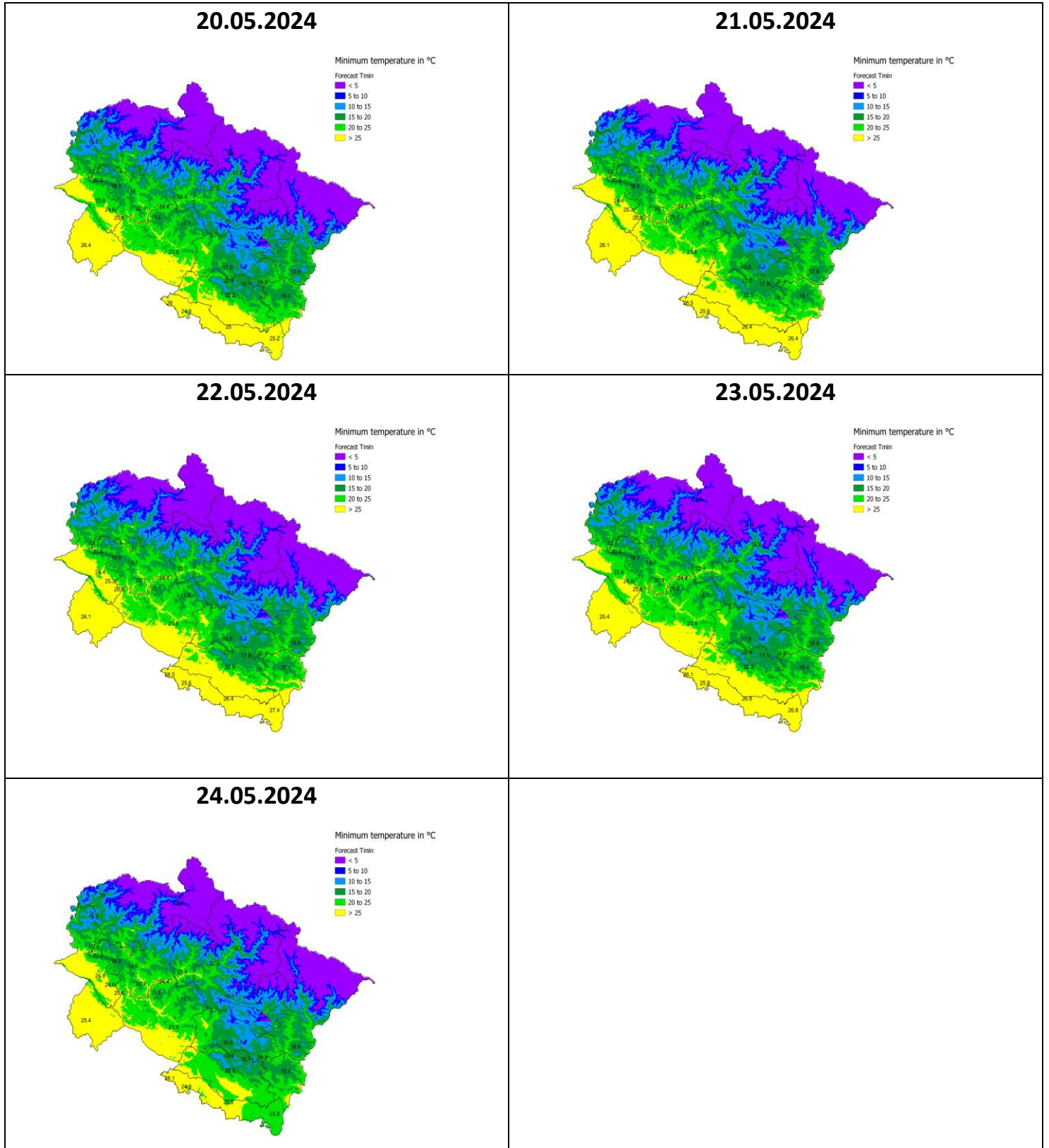
अधिकतम तापमान पूर्वानुमान:

Maximum temperature forecast:



न्यूनतम तापमान पूर्वानुमानः

Minimum temperature forecast:



Please visit <https://mausam.imd.gov.in/dehradun/> for detailed weather forecast and warning information.

Legends

Rainfall:

INTENSITY (INSTY)		DISTRIBUTION (DISTR)		PROBABILITY OF OCCURRENCE	
VERY LIGHT/बहुत हल्की	TRACE - 2.4 mm	ISOLATED /कहीं-कहीं	ISOLATED (UPTO 25% AREA)	UNLIKELY	Up to 25%
LIGHT/हल्की	2.5- 15.5 mm	FEW /कुछ स्थान	SCATTERED (BETWEEN 25-50% AREA)	LIKELY	26 to 50%
MODERATE /मध्यम	15.6 – 64.4 mm	MANY /अनेक स्थान	FAIRLY WIDE SPREAD (BETWEEN 50-75% AREA)	VERY LIKELY	51 to 75%
HEAVY /भारी	64.5- 115.5 mm	MOST /अधिकांश स्थान	WIDE SPREAD (MORE THAN 75% AREA)	MOST LIKELY	Above 75%
VERY HEAVY /बहुत भारी	115.6- 204.4 mm				
EXTREMELY HEAVY /अत्यंत भारी	> 204.4 mm				

❖ Heavy snow: 64.5 – 115.5 cm (in depth) & Very heavy snow: 115.6 – 204.4 cm (in depth). (As per the new guidelines w.e.f January 1, 2016).

❖ Forecast and Warning for a particular day is valid from 0830 hours IST of day till 0830 hours IST of next day.

<u>Distribution</u>	<u>Departure from mean</u>
Markedly Below Normal	-5.0 ⁰ C or less
Appreciably Below Normal	-3.1 ⁰ C to -5.0 ⁰ C
Below Normal	-1.6 ⁰ C to -3.0 ⁰ C
Normal	-1.5 ⁰ C to 1.5 ⁰ C
Above Normal	1.6 ⁰ C to 3.0 ⁰ C
Appreciably Above Normal	3.1 ⁰ C to 5.0 ⁰ C
Markedly Above Normal	5.0 ⁰ C or more

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

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