

## उत्तराखण्ड में वनाग्नि के लिए मौसम पूर्वानुमान Weather forecast for Forest Fire in Uttarakhand

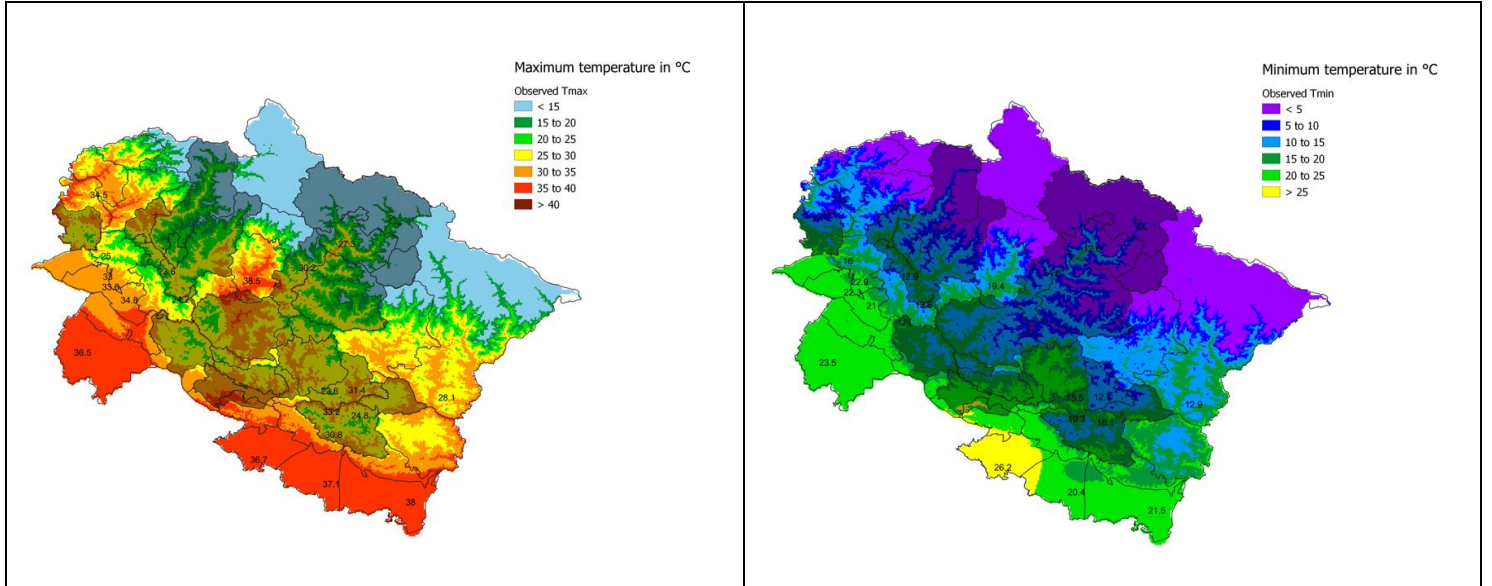
जारी करने की तिथि व समय/Date & Time of issue:  
13<sup>th</sup> May, 2025 at 16:00 Hours IST

### तापमान सारांश/ Temperature Summary

- Maximum temperatures remained normal in plains and markedly below normal to appreciably below normal in hills of Uttarakhand. Minimum temperatures remained normal to above normal in plains and normal in hills of Uttarakhand. Highest maximum temperature **38.0°C** was recorded at **Khatima (U. S. Nagar)** and lowest minimum temperature **12.5°C** was recorded at **Mukteshwar (Nainital)**.
- Maximum temperatures are likely to increase gradually in Uttarakhand during next 3-4 days.

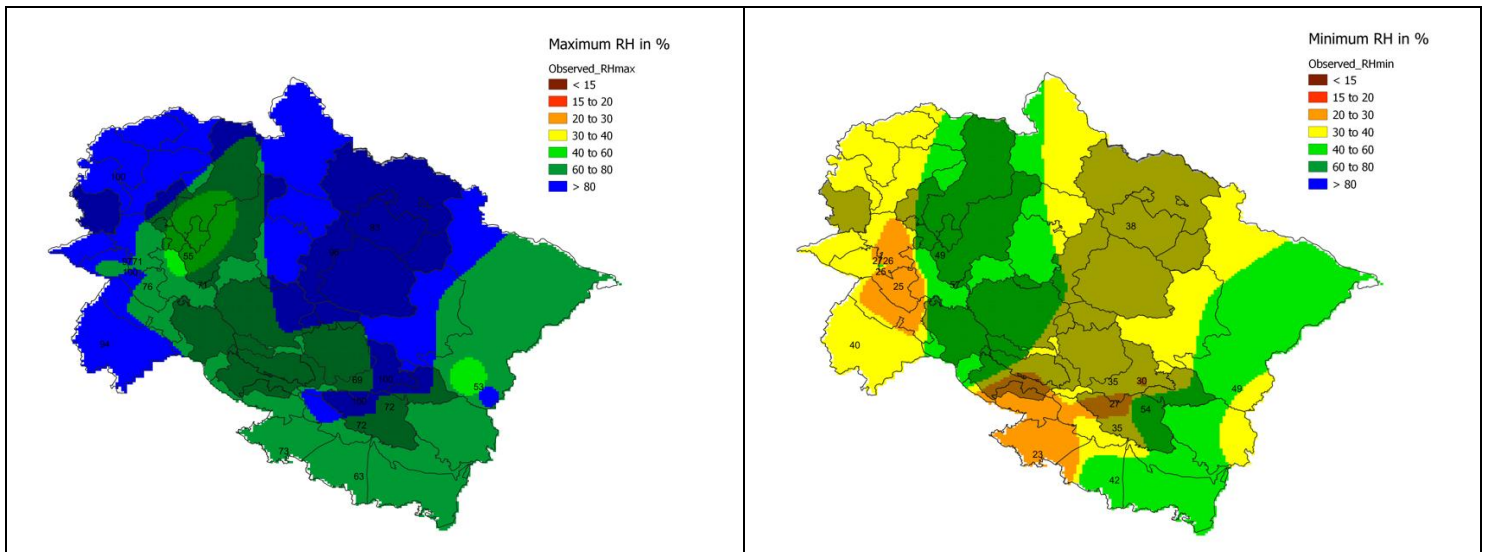
पिछले 24-घंटो में दर्ज अधिकतम एवं न्यूनतम तापमान:

Maximum and Minimum Temperature observed during past 24-hours:



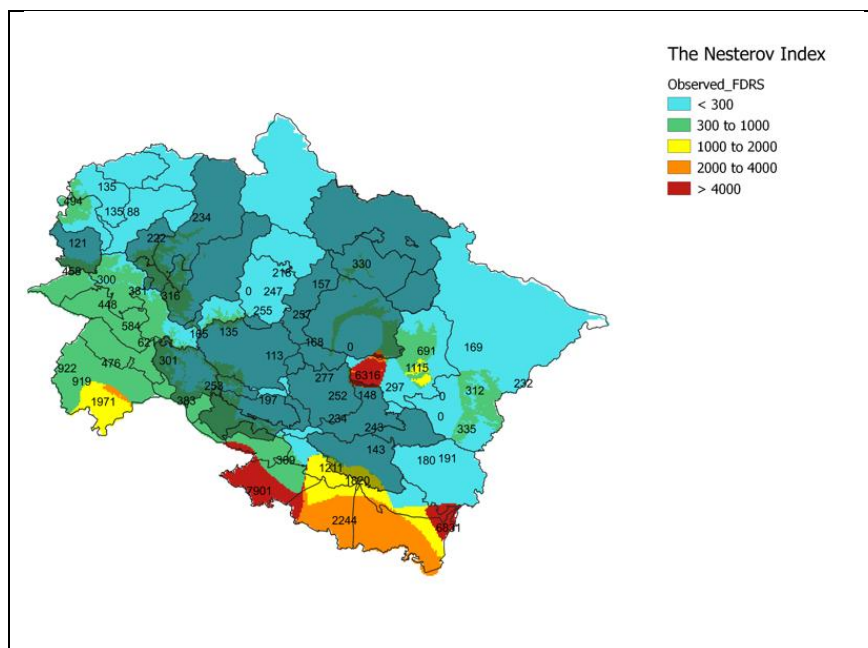
पिछले 24-घंटो में दर्ज अधिकतम एवं न्यूनतम नमी:

Maximum and Minimum RH observed during past 24-hours:



नेस्टरोव सूचकांक (पिछले 24 घंटों में दर्ज) पर आधारित वनाग्निविभीषिका निर्धारण :

Forest Fire Danger Rating based on the Nesterov Index (observed during past 24-hours):

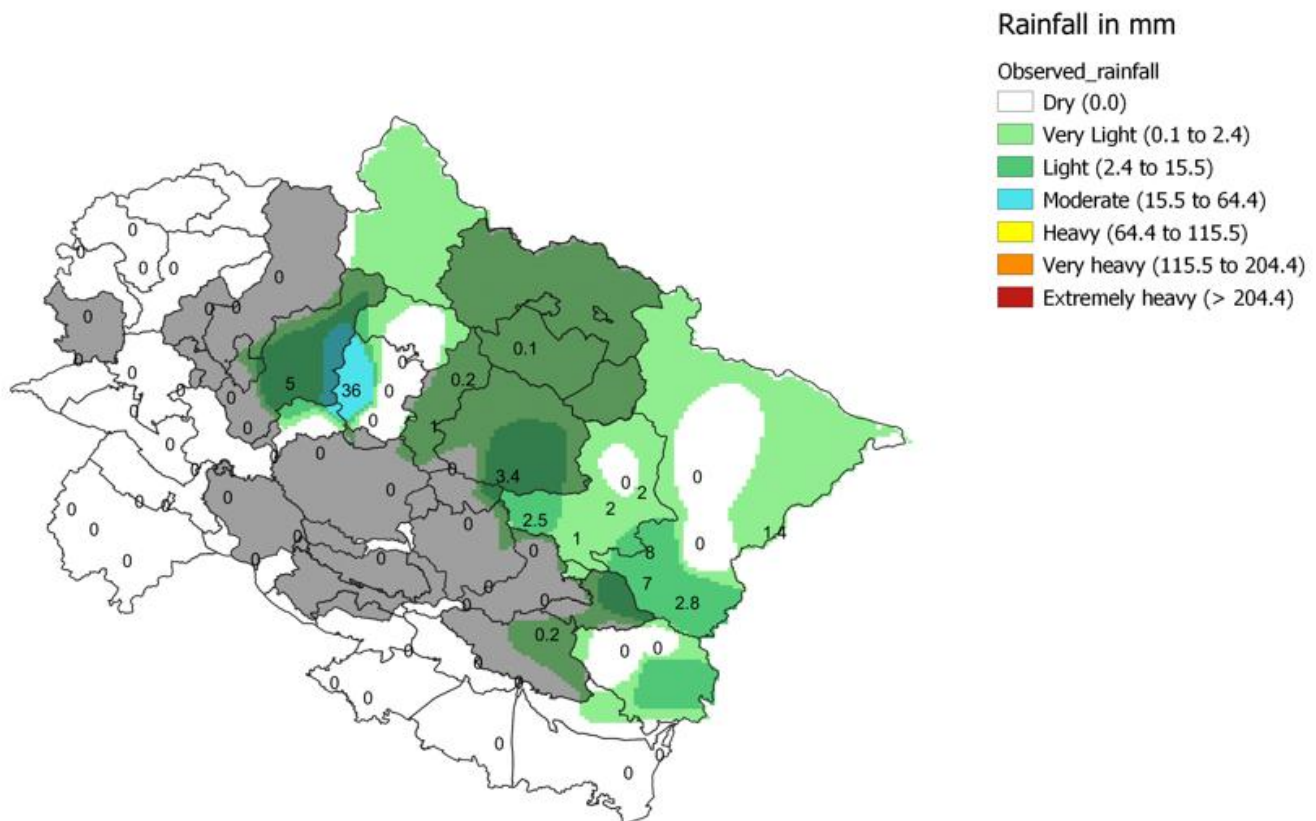


## पिछले 24-घंटो में दर्ज कुल वर्षा:

**24-hours accumulated Rainfall observed at 0830 IST (mm):**

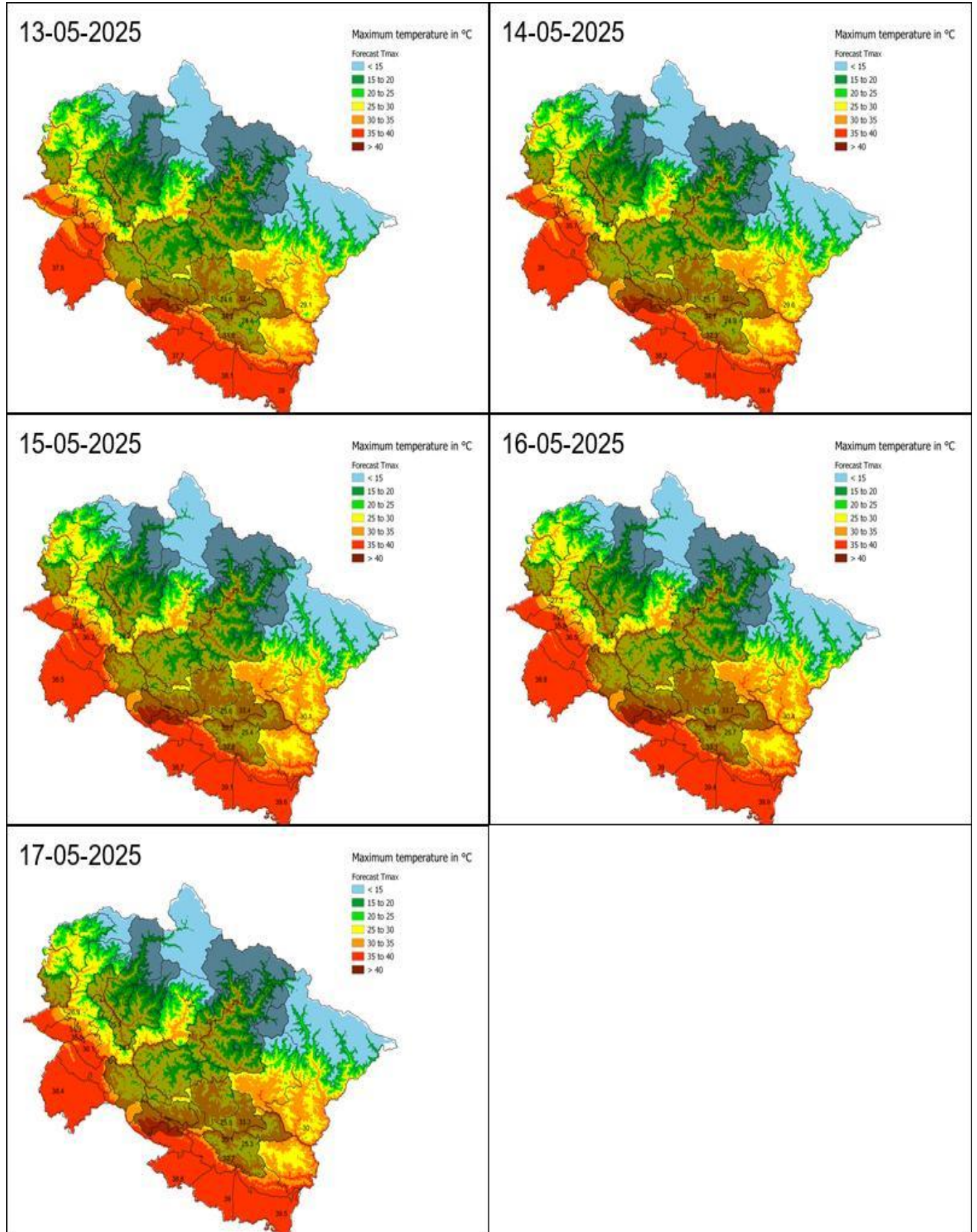
**Manual:** Jakholi-36.0, Berinag-8.0, Gangolihat-7.0, Ghansali-5.0, Gangotri-4.2, Champawat-3.5, Tharali-3.4, Pithoragarh-2.8, Nandkeshri-2.6, Garud-2.5, Sama-2.0, Kapkot-2.0, Dharchula-1.4, Karnaprayag-1.0, Chamoli-0.2, Mukteshwar-0.2, Joshimath-0.1

**AWS/ARG:** Rishikesh-0.5, Mukteshwar-0.5



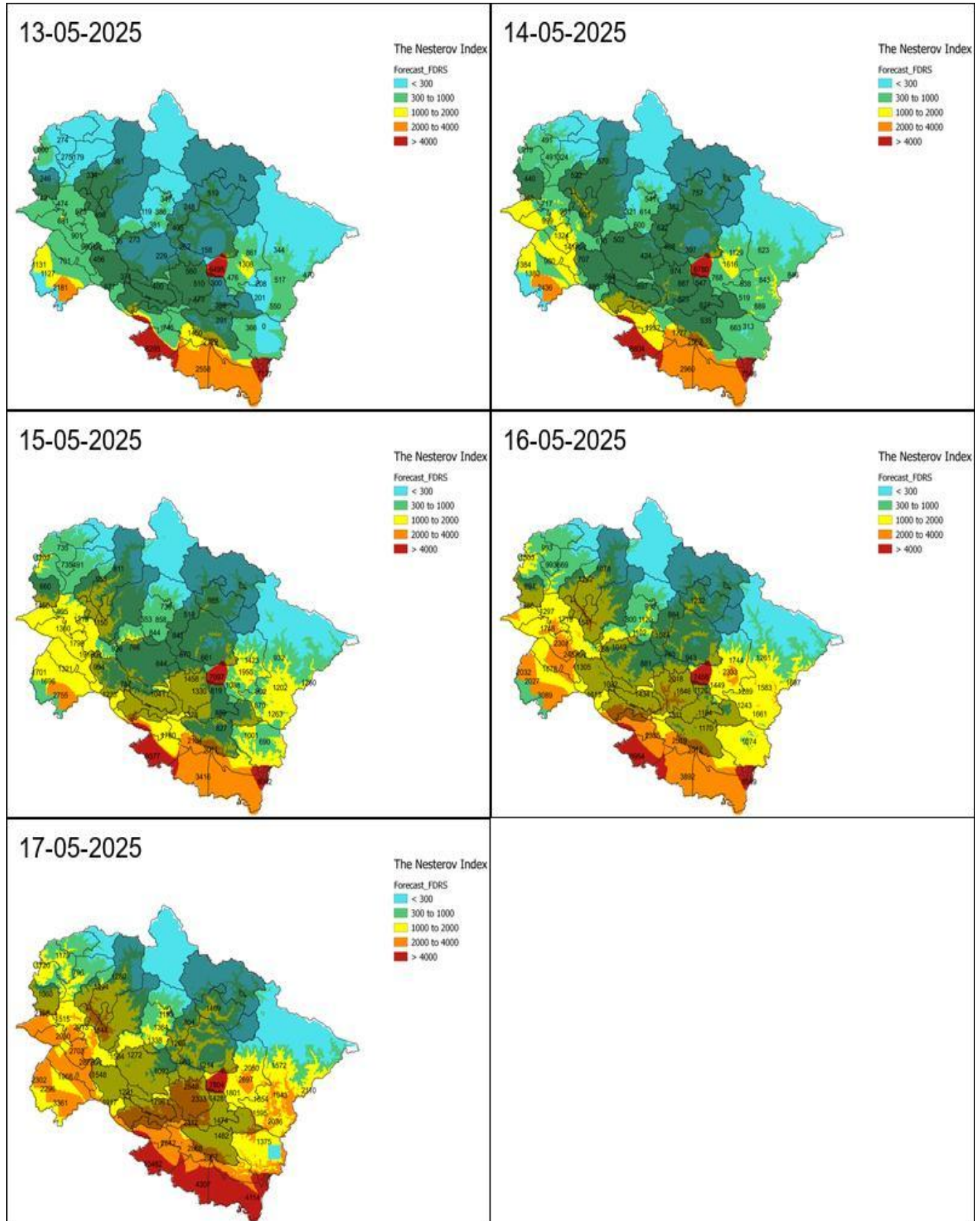
# अधिकतम तापमान पूर्वानुमानः

## Maximum temperature forecast:



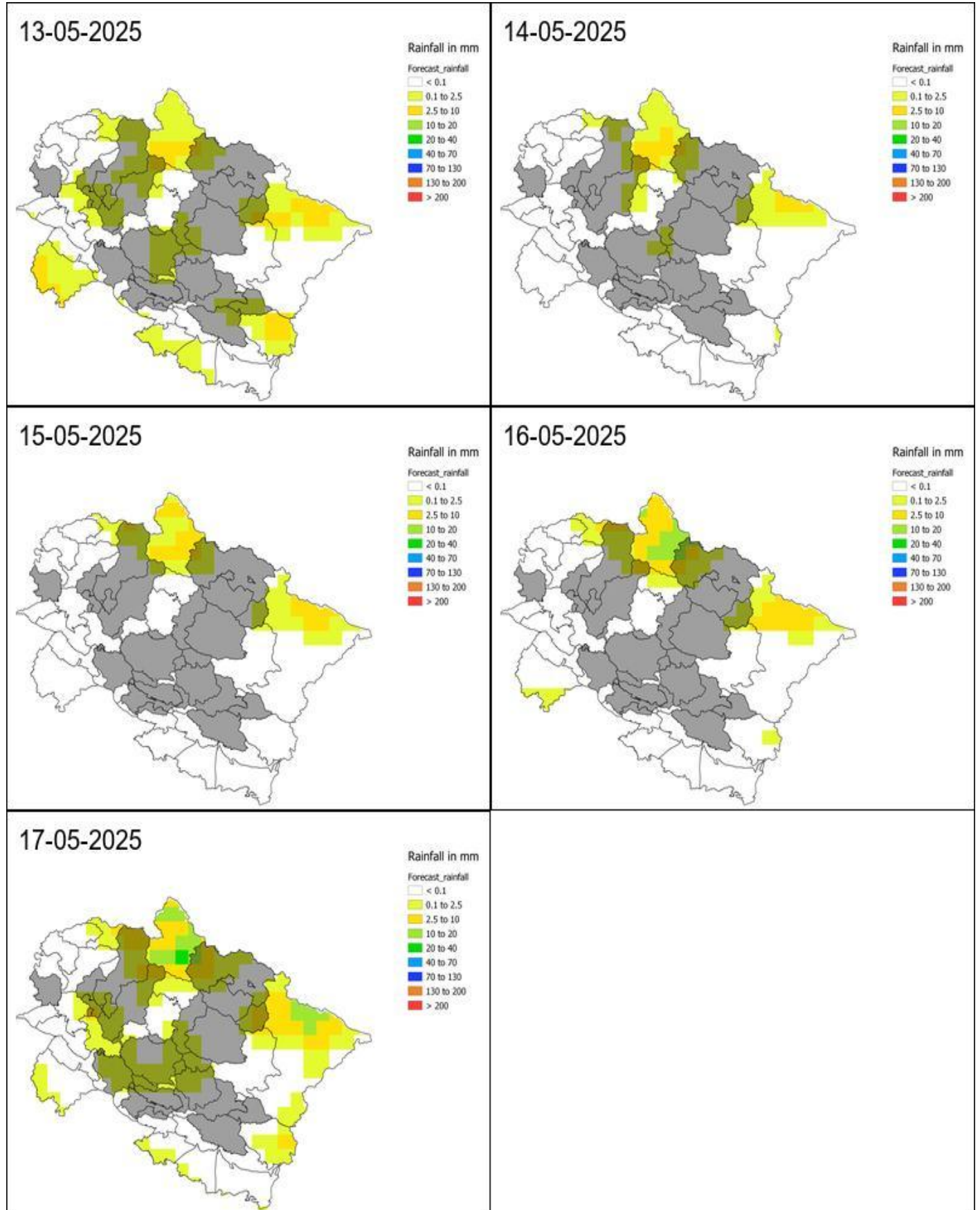
# नेस्टरोव सूचकांक पर आधारित वनाग्निविभीषिका निर्धारण पूर्वानुमानः

## Forest Fire Danger Rating Forecast based on the Nesterov Index:



# एन.डब्ल्यू.पी. मॉडल-आधारित वर्षा पूर्वानुमान:

## NWP model-based Rainfall forecast:

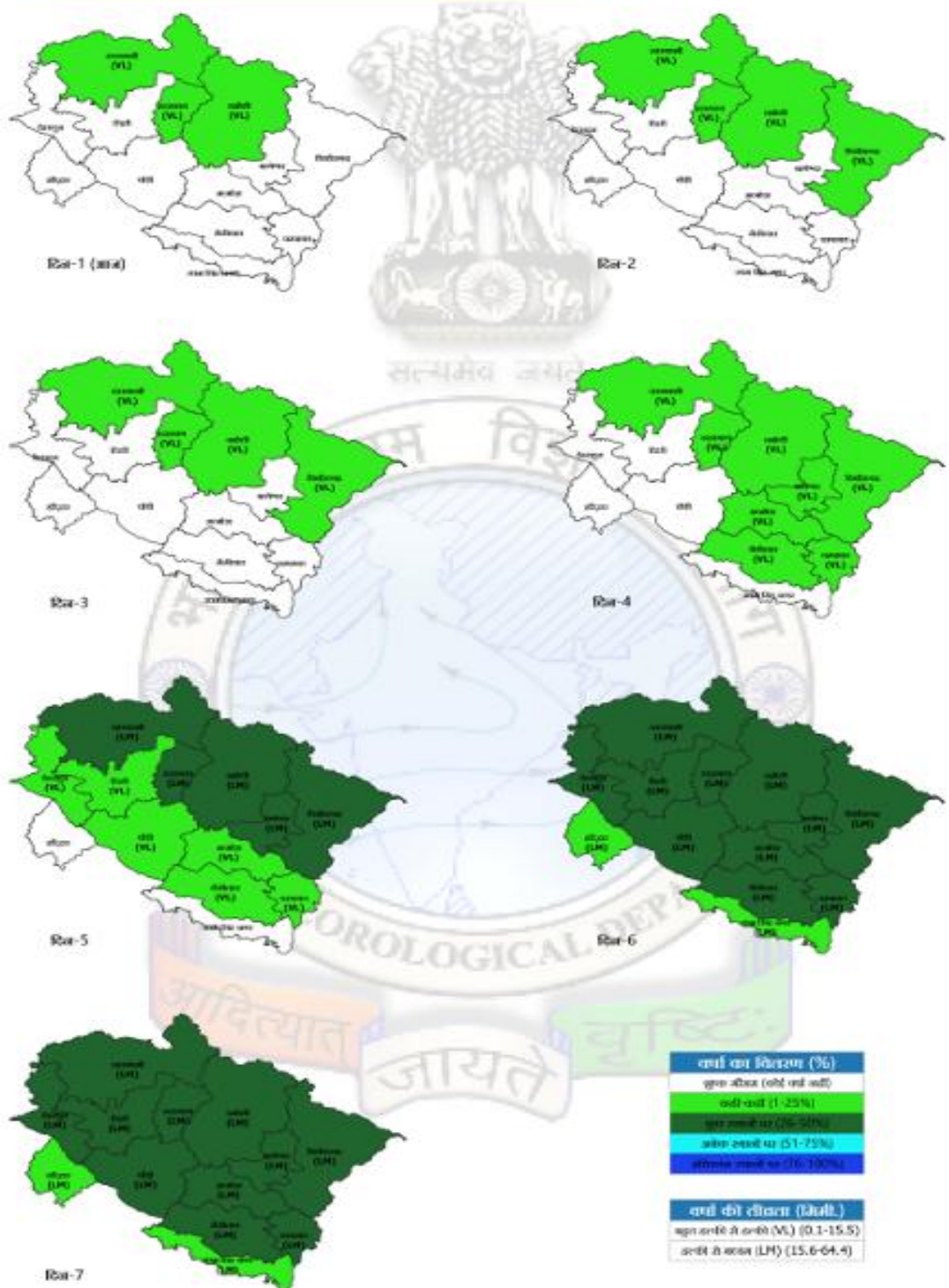


तापमान चेतावनी/ Temperature Warnings: NIL

वर्षा का पूर्वानुमान/ Precipitation Forecast:

उत्तराखण्ड के लिए वर्षा का पूर्वानुमान (दिन -1 से 7 तक)

जारी करने की तिथि: 13/05/2025



## 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 <sup>0</sup> C or less
Appreciably Below Normal	-3.1 <sup>0</sup> C to -5.0 <sup>0</sup> C
Below Normal	-1.6 <sup>0</sup> C to -3.0 <sup>0</sup> C
Normal	-1.5 <sup>0</sup> C to 1.5 <sup>0</sup> C
Above Normal	1.6 <sup>0</sup> C to 3.0 <sup>0</sup> C
Appreciably Above Normal	3.1 <sup>0</sup> C to 5.0 <sup>0</sup> C
Markedly Above Normal	5.0 <sup>0</sup> C or more

 <b>Heat Wave</b>	<b>When maximum temperature of a station reaches <math>\geq 40^{\circ}</math> C for plains and <math>\geq 30^{\circ}</math> C for hilly regions</b> <b>(a) Based on Departure from normal</b>
	<b>Heat Wave:</b> Maximum Temperature Departure from normal $4.5^{\circ}$ C to $6.4^{\circ}$ C.
	<b>Severe Heat Wave:</b> Maximum Temperature Departure from normal $\geq 6.5^{\circ}$ C
	<b>(b). Based on Actual maximum temperature</b> <b>Heat Wave:</b> When actual maximum temperature $\geq 45^{\circ}$ C. <b>Severe Heat Wave:</b> When actual maximum temperature $\geq 47^{\circ}$ C
	<b>( c). Criteria for heat wave for coastal stations</b> When maximum temperature departure is $>4.5^{\circ}$ C from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}$ C
 <b>Warm Night</b>	<b>When maximum temperature remains <math>40^{\circ}</math>C</b> <b>Warm Night:</b> When minimum temperature departure $4.5^{\circ}$ C to $6.4^{\circ}$ C.
	<b>Severe Warm Night:</b> When minimum temperature departure $>6.4^{\circ}$ C.