

प्रादेशिक मौसम विज्ञान केंद्र, नई दिल्ली  
भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय



Regional Meteorological Centre, New Delhi  
India Meteorological Department  
Ministry of Earth Sciences

**TEMPERATURE ANALYSIS AND HEAT WAVE STATUS WITH SEVEN DAYS FORECAST OF DELHI**

Date: 17/06/2024  
Time of issue: 1815








Maximum Temperature	45.2 °C	Maximum Departure	6 °C
Minimum Temperature	33.0 °C	Minimum Departure	5 °C
Rainfall Recorded During Past 24 Hrs ending at 0830 Hrs IST	000.0 MM	Rainfall Recorded During Past 09 Hrs ending at 1730 Hrs IST	000.0 MM
Maximum Humidity Past 24 Hrs:	048 %	Minimum Humidity Past 24 Hrs:	024 %
Moonset on	19/06/2024 At 02:49 Hrs IST	Moonrise on	18/06/2024 At 15:59 Hrs IST
Sunset on	18/06/2024 At 19:22 Hrs IST	Sunrise on	19/06/2024 At 05:24 Hrs IST

**Temperature And Rainfall Information For Other Station In NCR Region Updated At 18:15 Hrs On 17-06-2024**

Station Name	Max Temp(°C)	Min Temp(°C)	Rainfall (mm) till 0830 IST	Rainfall (mm) between 0830 & 1730 IST
Palam	46.0	33.0	000.0	000.0
Lodhi Road	45.6	32.2	000.0	000.0
Ridge	46.3	29.7	000.0	000.0
Ayanagar	46.4	33.7	000.0	000.0
Gurgaon	45.4	32.7	000.0	000.0
Faridabad	46.6	32.8	000.0	000.0
CDO Ghaziabad	44.3	33.0	000.0	000.0
Jafarpur	46.9	32.4	000.0	000.0
Najafgarh	46.3	32.4	000.0	000.0
NCMRWF(NOIDA)	46.5	33.1	000.0	000.0
Pitampura	46.5	35.9	000.0	000.0
Pusa	46.3	33.9	000.0	000.0

SPS Mayur Vihar	45.4	32.0	000.0	000.0
Raj Ghat	44.6	34.0	000.0	000.0

### DELHI FORECAST FOR NEXT SEVEN DAYS

DATE	TEMPERATURE (°C)		DIRECTION/ WIND SPEED (KMPH)			WEATHER FORECAST	
	MAX	MIN	0530-1130 (IST)	1130-1730 (IST)	1730-2330 (IST)		
17.06.2024	45.2	33.0	W/20	W/35	W/28	MAINLY CLEAR SKY. HEAT WAVE CONDITIONS AT MOST PLACES WITH SEVERE HEAT WAVE & WARM NIGHT CONDITIONS AT ISOLATED PLACES. STRONG SURFACE WINDS (SPEED 30-40 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	
18.06.2024	45	34	W/24	W/28	W/20	MAINLY CLEAR SKY. HEAT WAVE CONDITIONS AT MOST PLACES WITH SEVERE HEAT WAVE & WARM NIGHT CONDITIONS AT ISOLATED PLACES. STRONG SURFACE WINDS (SPEED 30-40 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	
19.06.2024	43	33	W/20	W/18	W/16	PARTLY CLOUDY SKY. POSSIBILITY OF VERY LIGHT RAIN/THUNDERSTORM ACCOMPANIED WITH GUSTY WINDS (SPEED 30-40 KMPH).	
20.06.2024	42	33	W/20	W/18	W/12	PARTLY CLOUDY SKY. DUST STORM/THUNDERSTORM/ LIGHTNING WITH VERY LIGHT RAIN ACCOMPANIED WITH GUSTY WINDS (SPEED 35-45 KMPH).	
21.06.2024	43	32	NW/18	W/20	NW/24	PARTLY CLOUDY SKY. STRONG SURFACE WINDS (SPEED 25-35KMPH) OCCASIONALLY IN GUSTY DURING THE DAY	
22.06.2024	43	33	WNW/18	SW/22	NW/18	PARTLY CLOUDY SKY. STRONG SURFACE WINDS (SPEED 25-35KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	
23.06.2024	44	33	NW/16	NW/18	W/16	PARTLY CLOUDY SKY. STRONG SURFACE WINDS (SPEED 25-35KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	

<u>TEMPERATURE NORMALS</u>		
DATE	MAX	MIN
17 JUNE-19 JUNE	38.8	27.5
20 JUNE-24 JUNE	38.6	28.2

**CURRENT TEMPERATURE AND HEAT WAVE RELATED PARAMETER FOR DELHI**

S.NO.	PARAMETER	VALUE
1	RANGE OF MAX TEMP (°C)	44-47
2	RELATIVE HUMIDITY (%) DURING PAST 24 HOURS (SAFDARJUNG)	MAX: 048 MIN: 024
3	RELATIVE HUMIDITY (%) DURING PAST 24 HOURS (PALAM)	MAX: 042 MIN: 020
4	MAX WIND DIRECTION/SPEED (KMPH) DURING PAST 24 HOURS (SAFDARJUNG)	SW/46 KMPH
5	MAX WIND DIRECTION/SPEED (KMPH) DURING PAST 24 HOURS (PALAM)	WNW/37 KMPH
6	REALIZED HEAT INDEX (BASED ON NOAA FORMULA)	50.0
7	HEAT WAVE CONDITIONS	HEAT WAVE CONDITIONS AT MOST PLACES WITH SEVERE HEAT WAVE CONDITIONS AT MANY PLACES.
8	RH (%) FORECAST FOR NEXT 24 HRS	MAXIMUM 45-55 & MINIMUM 20-30
9	HEAT INDEX FORECAST FOR NEXT 24 HRS	49-51
10	HEAT INDEX FORECAST FOR NEXT 48 HRS	47-49

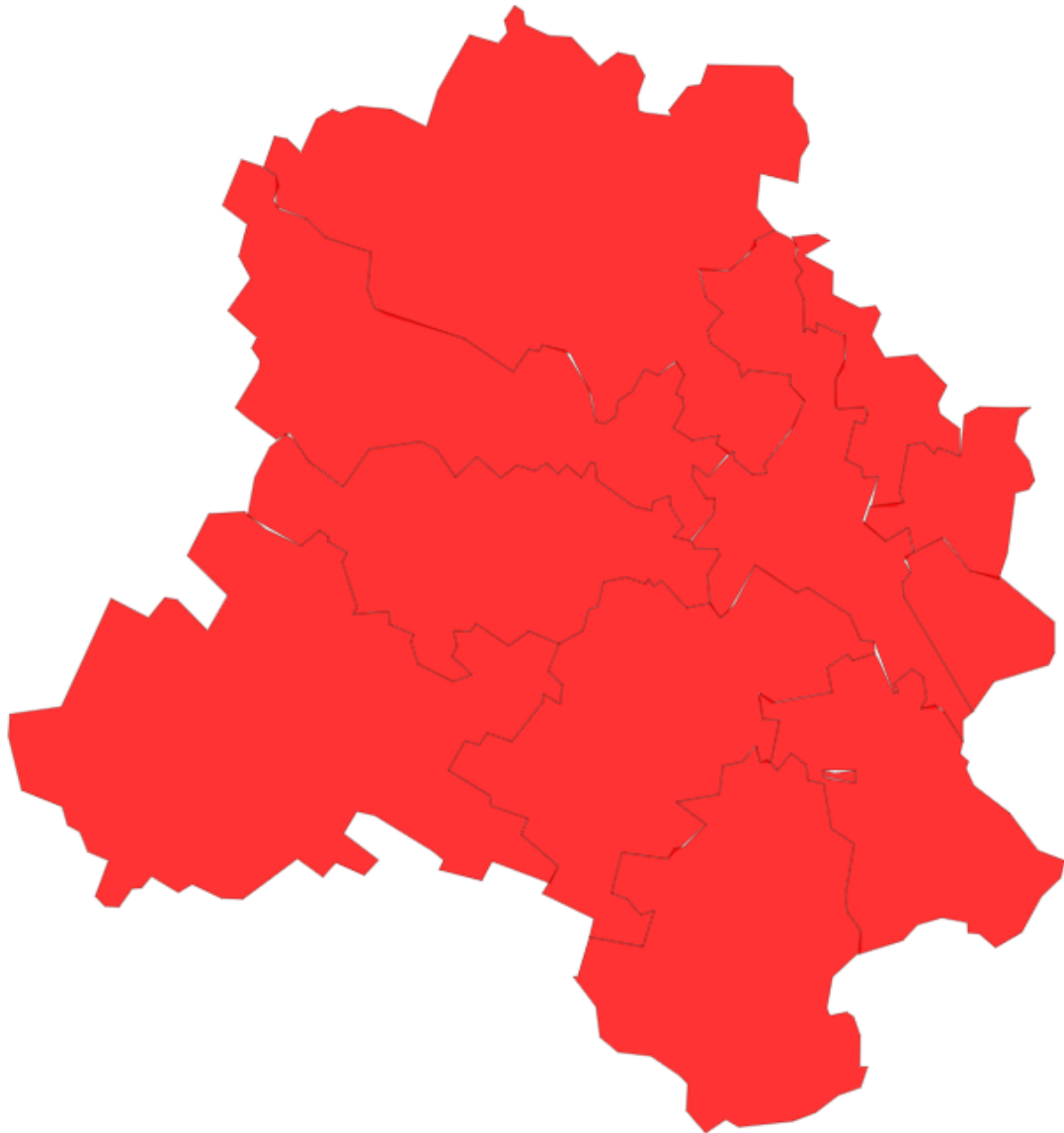
**IMPACT BASED FORECAST FOR HEAT WAVE/THUNDERSTORM OVER DELHI AND NCR**

Date	17 JUNE 2024	18 JUNE 2024
Forecast for Heat wave/Thunderstorm	<b>MAINLY CLEAR SKY. HEAT WAVE CONDITIONS AT MOST PLACES WITH SEVERE HEAT WAVE &amp; WARM NIGHT CONDITIONS AT ISOLATED PLACES. STRONG SURFACE WINDS (SPEED 30-40 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.</b>	<b>MAINLY CLEAR SKY. HEAT WAVE CONDITIONS AT MOST PLACES WITH SEVERE HEAT WAVE &amp; WARM NIGHT CONDITIONS AT ISOLATED PLACES. STRONG SURFACE WINDS (SPEED 30-40 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.</b>
Impact Expected	High temperature, Increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work. High health concern for vulnerable people e.g. infants, elderly people with chronic diseases.	High temperature, Increased likelihood of heat illness symptoms in people who are either exposed to sun for a prolonged period or doing heavy work. High health concern for vulnerable people e.g. infants, elderly people with chronic diseases.
Activity Suggested	Avoid heat exposure. Wear lightweight, light coloured, loose, cotton clothes. Cover your head: Use a cloth, hat or umbrella. Drink sufficient water- even if not thirsty, Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.	Avoid heat exposure. Wear lightweight, light coloured, loose, cotton clothes. Cover your head: Use a cloth, hat or umbrella. Drink sufficient water- even if not thirsty, Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. to keep yourself hydrated.

## District-wise-warnings

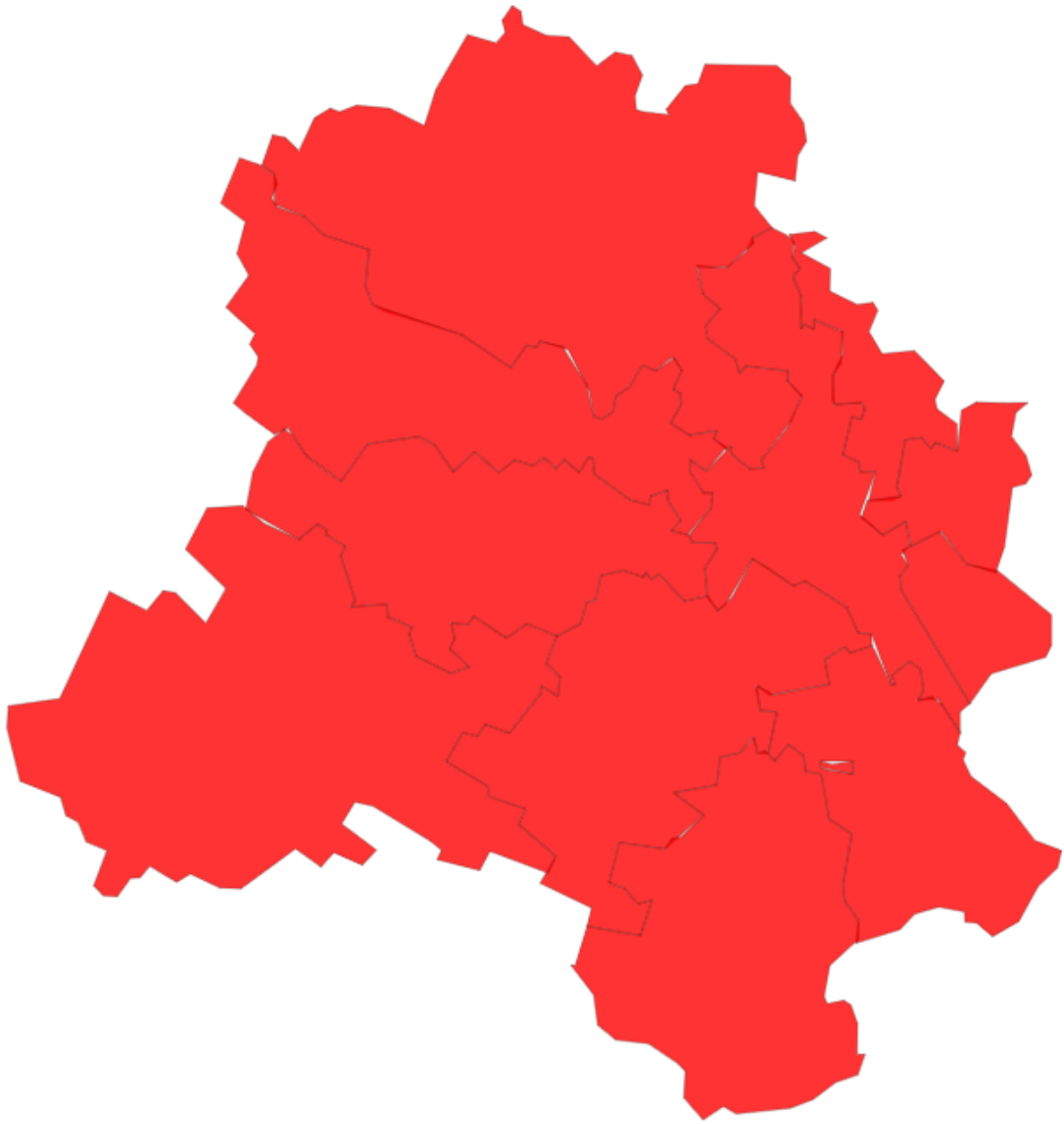
June 17, 2024  June 18, 2024  June 19, 2024  June 20, 2024  June 21, 2024

No warning  Watch  Alert  Warning



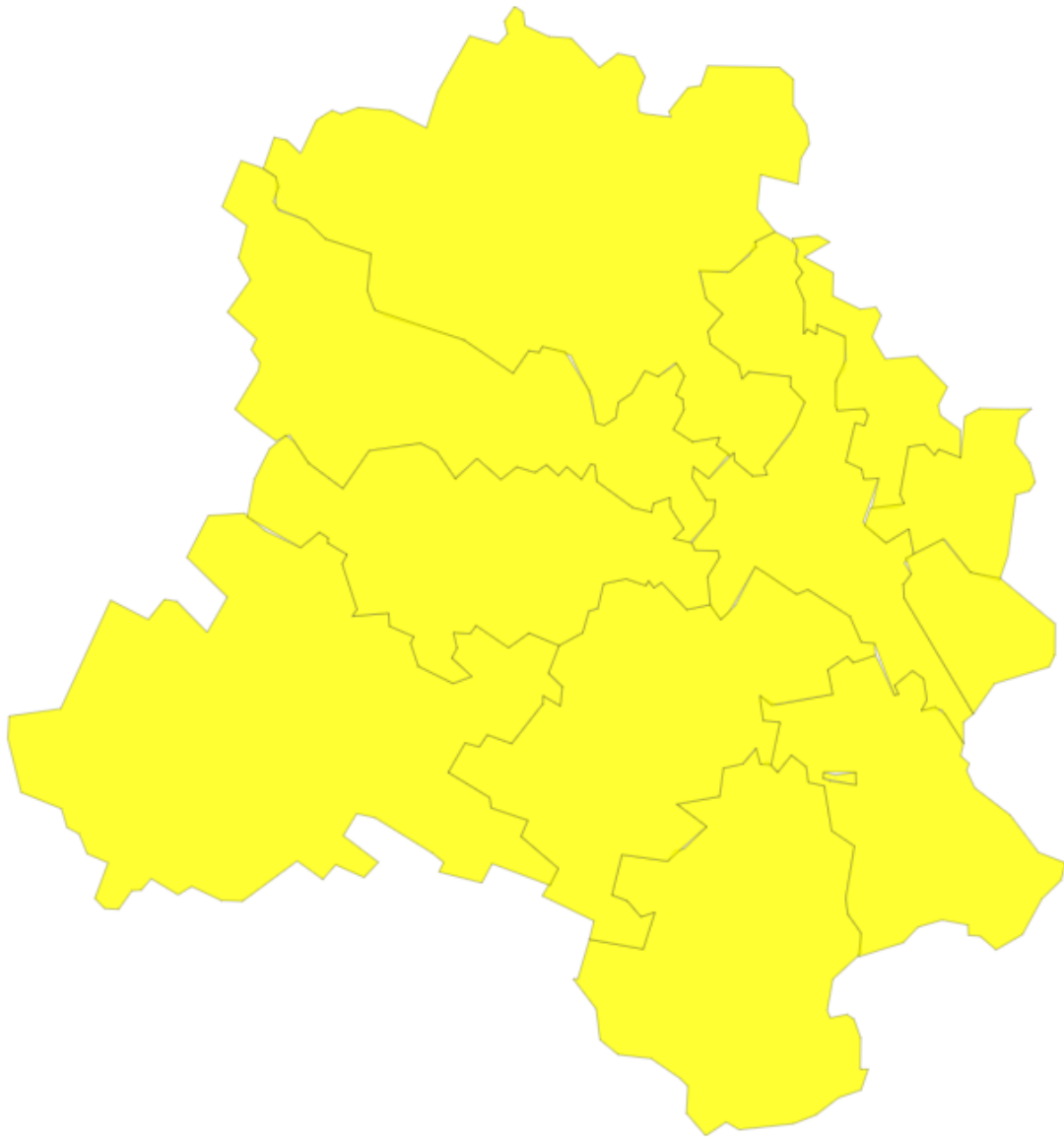
June 17, 2024  June 18, 2024  June 19, 2024  June 20, 2024  June 21, 2024

No warning  Watch  Alert  Warning



June 17, 2024 
  June 18, 2024 
  June 19, 2024 
  June 20, 2024 
  June 21, 2024

No warning 
  Watch 
  Alert 
  Warning



<b>COLOUR CODES</b>	
	No Warning
	Be Aware
	Be Prepared / Updated
	Most Vigil / Take Action

<b>HEAT WAVE</b>	
<b>WHEN MAX TEMP OF A STATION IS 40°C OR MORE</b>	
BASED ON DEPARTURE	BASED ON ACTUAL MAX TEMP
HEAT WAVE: WHEN DEPARTURE FROM NORMAL IS 4.5°C TO 6.4°C	HEAT WAVE: WHEN MAX TEMP IS $\geq 45^\circ\text{C}$
SEVERE HEAT WAVE: WHEN DEPARTURE FROM NORMAL IS MORE THAN 6.4°C	SEVERE HEAT WAVE: WHEN MAX TEMP IS $\geq 47^\circ\text{C}$

\* Forecast for any day is valid from 0830 hours IST of day till 0830 hours IST of next day. For more details kindly visit [rmcnewdelhi.imd.gov.in](http://rmcnewdelhi.imd.gov.in) or Contact: +91 11 24629096, 24623537 (Service to the Nation Since 1875).