

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: 08/06/2024
Time of issue: 1815








Maximum Temperature	41.4 °C	Maximum Departure	+1 °C
Minimum Temperature	30.0 °C	Minimum Departure	+2 °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:	051 %	Minimum Humidity Past 24 Hrs:	025 %
Moonset on	09.06.2024 At 22:13 Hrs IST	Moonrise on	10.06.2024 At 08:40 Hrs IST
Sunset on	09.06.2024 At 19:19 Hrs IST	Sunrise on	10.06.2024 At 05:23 Hrs IST

Temperature And Rainfall Information For Other Station In NCR Region Updated At 18:15 Hrs On 08-06-2024

Station Name	Max Temp(°C)	Min Temp(°C)	Rainfall (mm) till 0830 IST	Rainfall (mm) between 0830 & 1730 IST
Palam	42.0	29.1	000.0	000.0
Lodhi Road	42.0	29.4	000.0	000.0
Ridge	42.2	27.4	000.0	000.0
Ayanagar	41.6	30.4	000.0	000.0
Gurgaon	40.8	30.9	000.0	000.0
Faridabad	42.5	31.5	000.0	000.0
CDO Ghaziabad	39.7	31.3	000.0	000.0
Jafarpur	41.8	30.5	000.0	000.0
Najafgarh	43.4	31.4	000.0	000.0
Narela	43.7	29.3	000.0	000.0
NCMRWF(NOIDA)	41.0	31.9	000.0	000.0
Pitampura	43.1	32.8	000.0	000.0

Pusa	43.1	32.5	000.0	000.0
SPS Mayur Vihar	41.0	30.8	000.0	000.0
Raj Ghat	40.8	31.4	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)		
08.06.2024	41.4	30.0	W/24	NW/26	WNW/14	PARTLY CLOUDY SKY. POSSIBILITY OF DUSTSTORM/ THUNDERSTORM WITH VERY LIGHT RAIN. STRONG SURFACE WINDS (SPEED 30-40 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	
09.06.2024	43	30	W/20	WNW/20	WNW/10	PARTLY CLOUDY SKY. STRONG SURFACE WINDS (SPEED 25-35 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	
10.06.2024	44	30	WNW/08	NW/16	NW/08	PARTLY CLOUDY SKY. HEAT WAVE CONDITIONS AT ISOLATED PLACES. STRONG SURFACE WINDS (SPEED 25-35 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	
11.06.2024	45	31	NW/12	NW/18	NW/24	PARTLY CLOUDY SKY. HEAT WAVE CONDITIONS AT ISOLATED PLACES. STRONG SURFACE WINDS (SPEED 30-40 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	
12.06.2024	45	31	WNW/20	WNW/30	WNW/28	PARTLY CLOUDY SKY. HEAT WAVE CONDITIONS AT ISOLATED PLACES. STRONG SURFACE WINDS (SPEED 30-40 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	
13.06.2024	45	32	WNW/30	W/24	WNW/32	MAINLY CLEAR SKY. STRONG SURFACE WINDS (SPEED 30-40 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	
14.06.2024	46	32	WNW/32	W/30	W/36	MAINLY CLEAR SKY. STRONG SURFACE WINDS (SPEED 30-40 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	

<u>TEMPERATURE NORMALS</u>		
DATE	MAX	MIN
08 JUNE - 09 JUNE	40.0	27.6
10 JUNE - 14 JUNE	39.9	28.0

CURRENT TEMPERATURE AND HEAT WAVE RELATED PARAMETER FOR DELHI

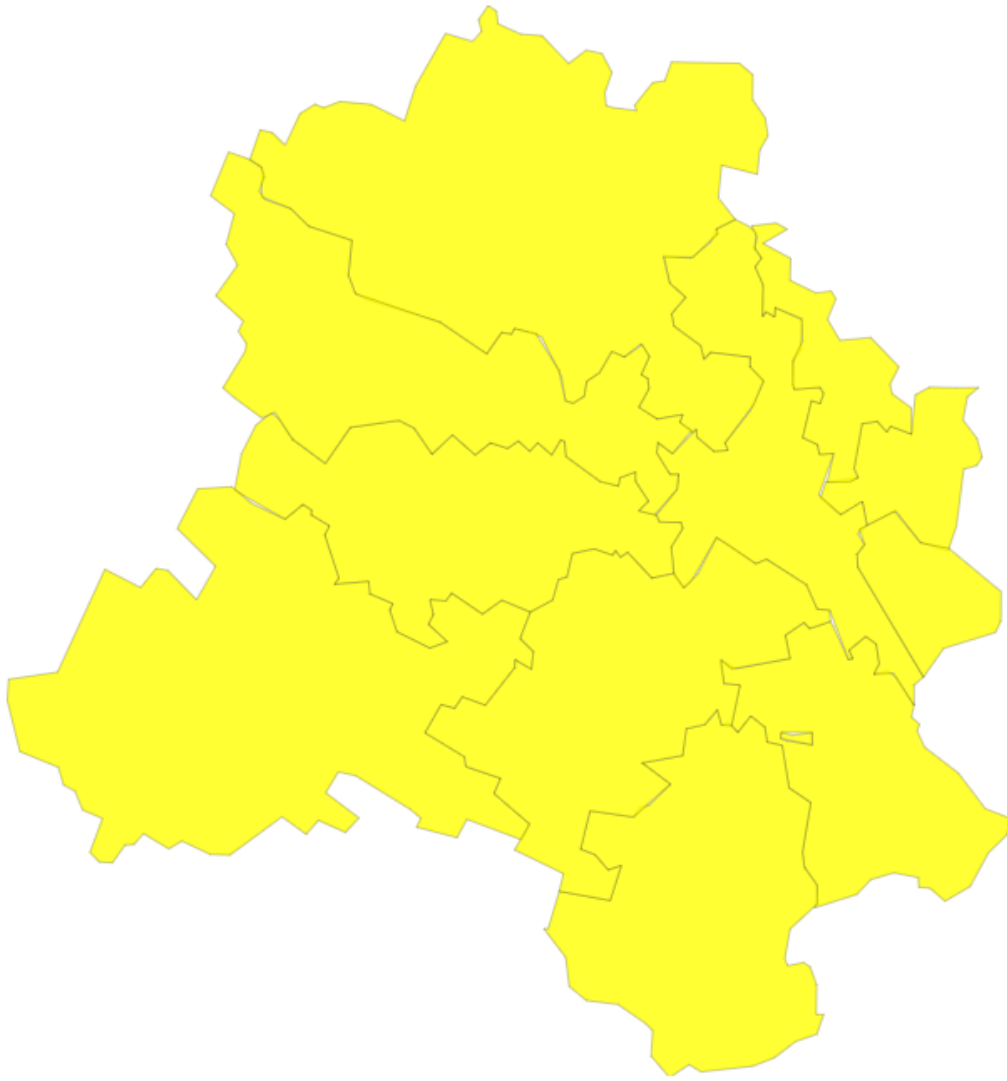
S.NO.	PARAMETER	VALUE
1	RANGE OF MAX TEMP (°C)	40-45
2	RELATIVE HUMIDITY (%) DURING PAST 24 HOURS (SAFDARJUNG)	MAX: 051 MIN: 025
3	RELATIVE HUMIDITY (%) DURING PAST 24 HOURS (PALAM)	MAX: 049 MIN: 025
4	MAX WIND DIRECTION/SPEED (KMPH) DURING PAST 24 HOURS (SAFDARJUNG)	SW/37 KMPH
5	MAX WIND DIRECTION/SPEED (KMPH) DURING PAST 24 HOURS (PALAM)	W/37 KMPH
6	REALIZED HEAT INDEX (BASED ON NOAA FORMULA)	43.5
7	HEAT WAVE CONDITIONS	NO HEAT WAVE CONDITIONS.
8	RH (%) FORECAST FOR NEXT 24 HRS	MAXIMUM 50-60 & MINIMUM 20-30
9	HEAT INDEX FORECAST FOR NEXT 24 HRS	45-47
10	HEAT INDEX FORECAST FOR NEXT 48 HRS	44-46

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

Date	08 JUNE 2024	09 JUNE 2024
Forecast for Heat wave/Thunderstorm	PARTLY CLOUDY SKY. POSSIBILITY OF DUSTSTORM/THUNDERSTORM WITH VERY LIGHT RAIN. STRONG SURFACE WINDS (SPEED 30-40 KMPH) OCCASIONALLY IN GUSTY DURING THE DAY.	NIL.
Impact Expected	Minor Traffic disruption on roads. Increased chance of vehicle accidents. Disruption of Electricity. Partial damage to vulnerable structures due to strong winds;	NIL.
Activity Suggested	Check for traffic congestion on your route before leaving for your destination. Follow any traffic advisories that are issued in this regard. Stay away from power lines or electrical wires. Stay indoors, close windows & doors and avoid travel if possible. Take safe shelters; do not take shelter under trees. Do not lie on concrete floors and do not lean against concrete walls. Unplug electrical/electronic appliances.	NIL.

June 8, 2024 June 9, 2024 June 10, 2024 June 11, 2024 June 12, 2024

No warning Watch Alert Warning



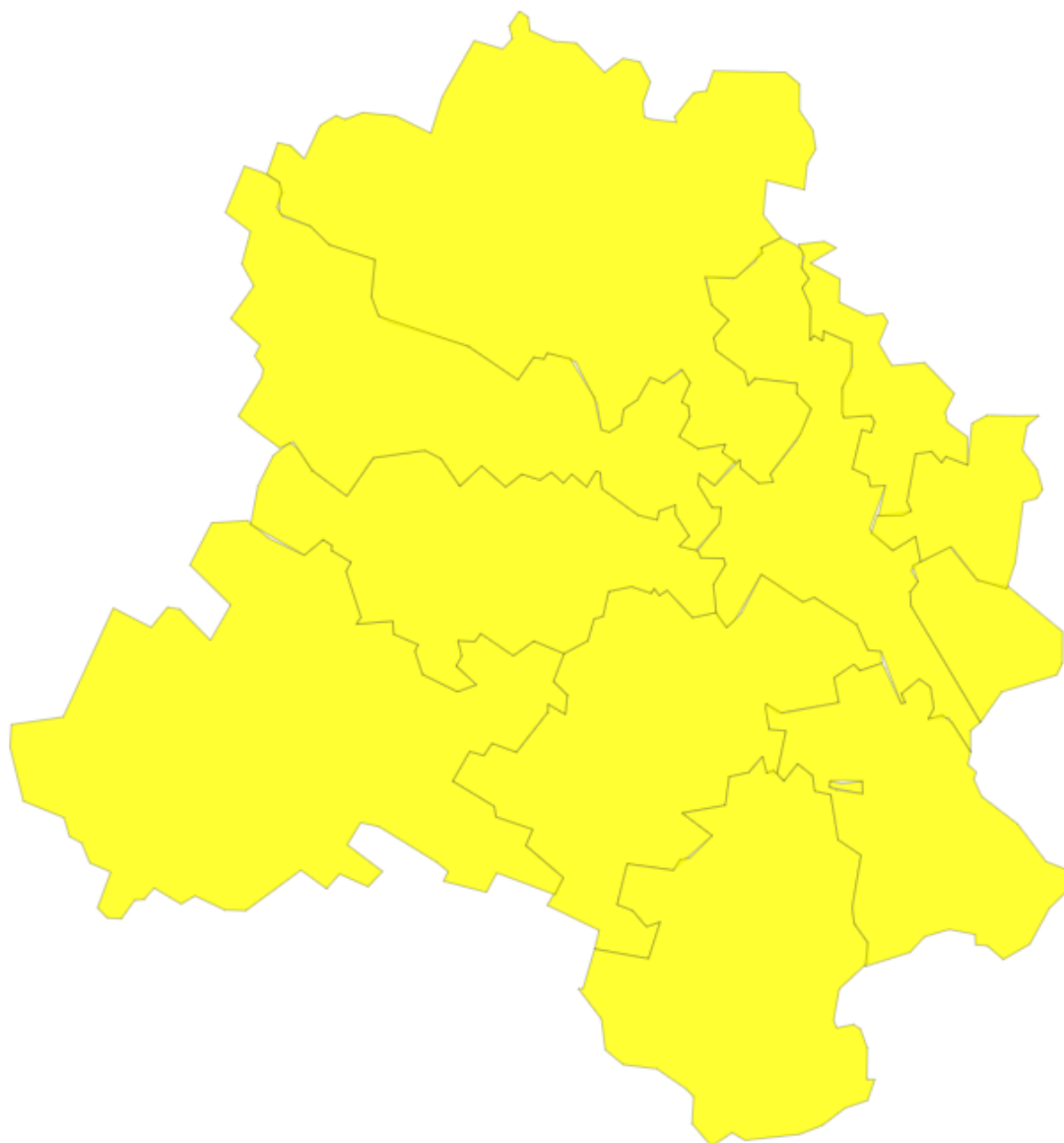
June 8, 2024 June 9, 2024 June 10, 2024 June 11, 2024 June 12, 2024

No warning Watch Alert Warning



June 8, 2024
 June 9, 2024
 June 10, 2024
 June 11, 2024
 June 12, 2024

No warning
 Watch
 Alert
 Warning



COLOUR CODES

No Warning
Be Aware
Be Prepared / Updated
Most Vigil / Take Action

HEAT WAVE

WHEN MAX TEMP OF A STATION IS 40°C OR MORE

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 >= 45°C
SEVERE HEAT WAVE: WHEN DEPARTURE FROM NORMAL IS MORE THAN 6.4°C	SEVERE HEAT WAVE: WHEN MAX TEMP IS >= 47°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 or Contact: +91 11 24629096, 24623537 (Service to the Nation Since 1875).