

## WEEKLY WEATHER REPORT OF DELHI 10<sup>TH</sup>- 16<sup>TH</sup> OCTOBER 2024

### Significant Weather Observations

- No Significant weather was observed over Delhi during the week (10<sup>th</sup> – 16<sup>th</sup> October 2024)

### Meteorological Analysis

- The line of withdrawal of Southwest Monsoon continued to pass through 29°N/84°E, Nautanwa, Sultanpur, Panna, Narmadapuram, Khargaon, Nandurbar, Navsari and 20°N/70°E on **10th October** and further crossed the entire country on **15th October**.
- Southwest Monsoon had further withdrawn from entire Uttar Pradesh on **11th October** and it had withdrawn from the entire country on **15th October 2024**.
- On **13<sup>th</sup> October**, A cyclonic circulation lay over northwest Uttar Pradesh and extended upto 3.1 km above mean sea level and on **14<sup>th</sup> October**, it became less marked.

**Rainfall Summary of the Week (10<sup>th</sup> - 16<sup>th</sup> October 2024 )**

Rainfall (in mm)								
STATION	10 <sup>th</sup> OCT	11 <sup>th</sup> OCT	12 <sup>th</sup> OCT	13 <sup>th</sup> OCT	14 <sup>th</sup> OCT	15 <sup>th</sup> OCT	16 <sup>th</sup> OCT	Total Weekly Rainfall
Safdarjung	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Palam	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lodhi Road	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ridge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ayanagar	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**INDIA METEOROLOGICAL DEPARTMENT  
RWFC NEWDELHI**

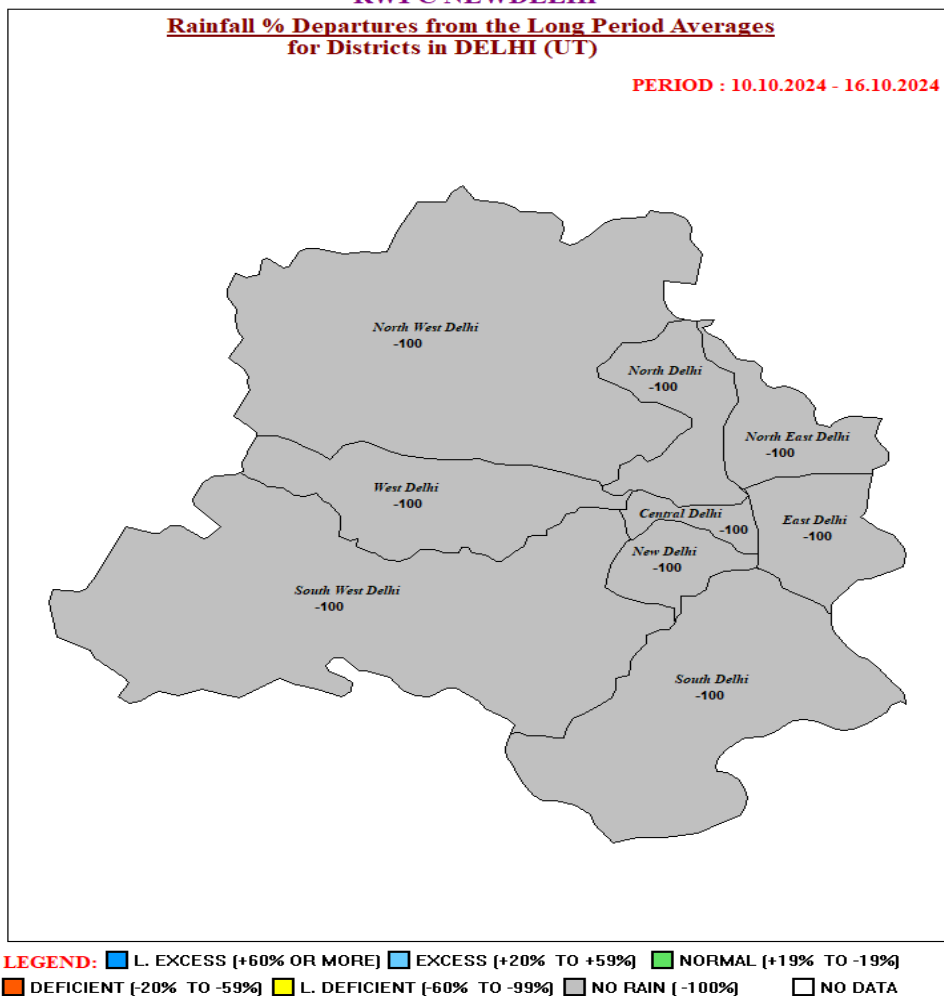


Figure 1. Rainfall % departure from the long period averages for districts in Delhi

**Rainfall Departures of Manual Observatories of Delhi During the Week (10<sup>th</sup>- 16<sup>th</sup> October 2024 )**

STATION	Normal Rainfall (in mm)	Actual Rainfall (in mm)	Weekly Rainfall Departure (%)
Safdarjung	2.2	0.0	-100
Palam	2.3	0.0	-100
Lodhi Road	2.2	0.0	-100
Ridge	2.9	0.0	-100
Ayanagar	3.6	0.0	-100

**Rainfall Summary of the Week (10<sup>th</sup> - 16<sup>th</sup> October 2024 ) of AWS Stations of Delhi**

STATION	Total Weekly Rainfall (in mm)
Delhi University	0.0
Pusa	0.0
Narela	0.0
Najafgarh	0.0
Pitampura	0.0
SPS Mayur Vihar	0.0

**Temperature Summary of the Week (10<sup>th</sup>- 16<sup>th</sup> October 2024 )**

STATION	Temperature (in °C)														Average Temperature over the past Week (in °C)	
	10 <sup>th</sup> OCT		11 <sup>th</sup> OCT		12 <sup>th</sup> OCT		13 <sup>th</sup> OCT		14 <sup>th</sup> OCT		15 <sup>th</sup> OCT		16 <sup>th</sup> OCT			
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
Safdarjung	34.6	23.1	34.5	20.3	33.6	18.6	34.4	18.6	35.1	18.6	34.4	17.4	34.2	19.0	<b>34.4</b>	<b>19.4</b>
Palam	32.6	22.0	32.2	20.4	31.6	20.7	32.3	21.0	33.0	20.6	32.6	20.4	32.0	20.3	<b>32.3</b>	<b>20.8</b>
Lodhi Road	34.3	20.4	34.7	18.4	33.6	18.4	34.7	18.3	34.6	18.4	34.6	17.0	34.0	17.4	<b>34.4</b>	<b>18.3</b>
Ridge	33.9	17.9	34.0	15.7	33.1	16.0	33.9	16.0	34.6	16.5	33.7	15.4	33.4	15.6	<b>33.8</b>	<b>16.2</b>
Ayanagar	33.6	19.4	33.5	18.2	33.0	18.5	33.6	17.6	33.8	17.5	33.6	17.1	33.6	17.6	<b>33.5</b>	<b>18.0</b>

**Temperature Departure During the Week (10<sup>th</sup>- 16<sup>th</sup> October 2024 )**

STATION	Average Temperature over the Week (in °C)		Average Normal Temperature over the Week (in °C)		Average Departure (in °C)	
	Max	Min	Max	Min	Max	Min
Safdarjung	34.4	19.4	33.8	20.2	0.6	-0.8
Palam	32.3	20.8	33.7	20.5	-1.4	0.2
Lodhi Road	34.4	18.3	33.2	19.4	1.1	-1.1
Ridge	33.8	16.2	34.2	21.5	-0.4	-5.4
Ayanagar	33.5	18.0	34.1	20.4	-0.5	-2.4

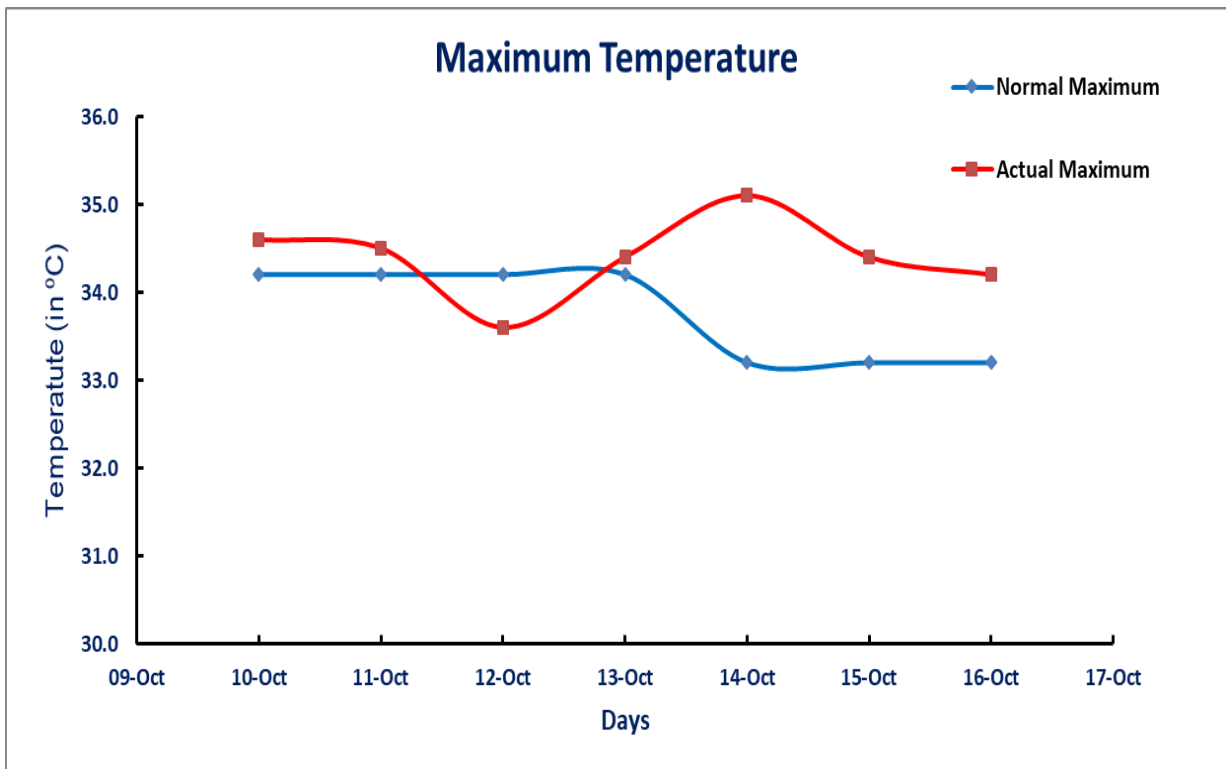


Figure 2. Weekly trend of Maximum temperature as compared to the Normal temperature

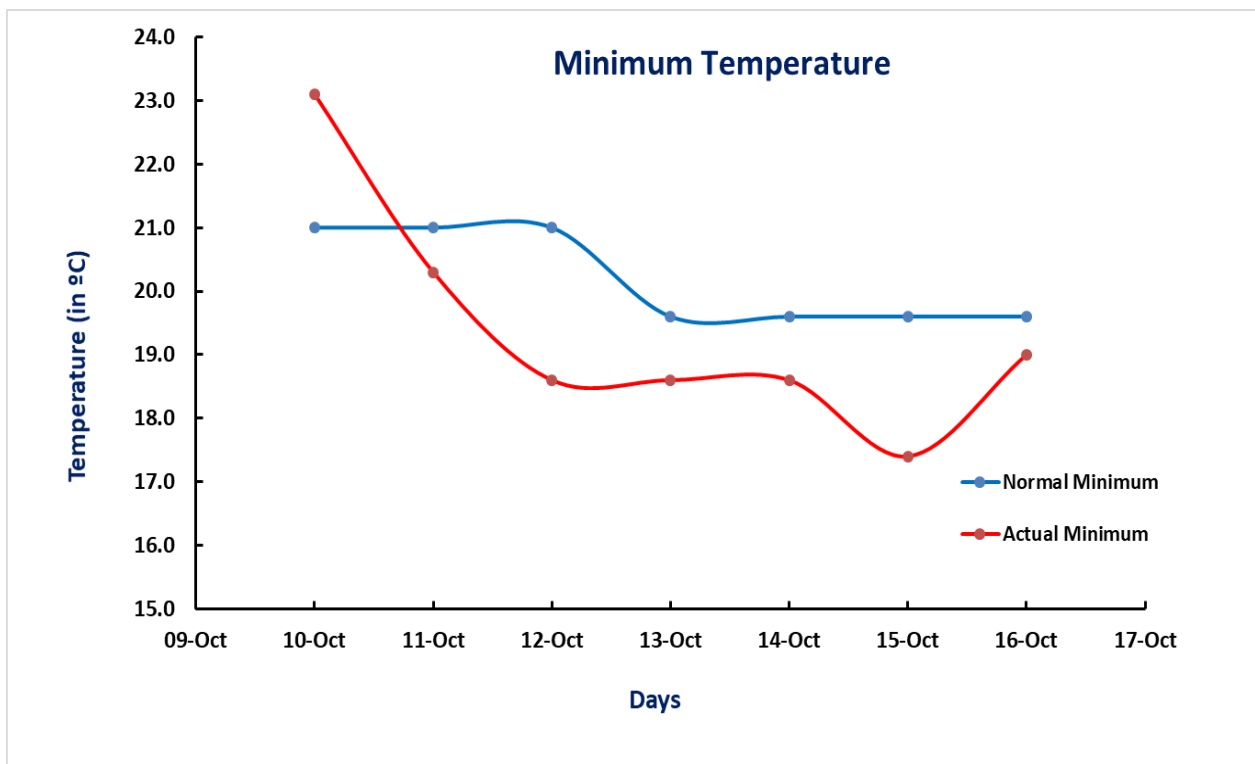


Figure 3. Weekly trend of Minimum temperature as compared to the Normal temperature

\*\*\*\*\*