



DATE: 20th March 2025

WEEKLY WEATHER REPORT OF DELHI 13 -19 March 2025

Significant Weather Observations

- Mostly Dry weather prevailed in Delhi during the week. Trace rainfall was recorded on 14th and 15th March.
- On 13th, 15th, 16th and 19th March, maximum temperature remained above normal in the range 1°C to 5°C. On 14th March it remained above normal by 7.3°C. On 17th and 18th March, maximum temperature remained below normal in the range of -2°C to -1°C. (Figure 2).
- Minimum temperature was above normal till 17th and dropped below normal thereafter.

Meteorological Analysis

- On 13th March, the Western disturbance as a cyclonic circulation over Afghanistan between 3.1 & 7.6 km above mean sea level persisted. The Cyclonic Circulation over southwest Rajasthan & neighbourhood extending upto 1.5 km above mean sea level persisted. The trough in westerlies roughly along Long. 88°E to the north of Lat. 21°N at 1.5 km above mean sea level persisted.
- On 14th March, the Western disturbance as a cyclonic circulation over Afghanistan lay at central parts of Afghanistan & adjacent Pakistan between 3.1 & 7.6 km above mean sea level. The Cyclonic Circulation over southwest Rajasthan & neighbourhood persisted at 0.9 km above mean sea level. A trough ran from Punjab to southwest Rajasthan at 1.5 km above mean sea level. The trough in westerlies roughly along Long. 88°E to the north of Lat. 21°N at 1.5 km above mean sea level had become less marked.
- On 15th March, the Western disturbance as a cyclonic circulation over north Pakistan and adjoining Jammu region between 3.1 & 9.6 km above mean sea level persisted. The Cyclonic Circulation over northeast Rajasthan & adjoining south Haryana extending upto 1.5 km above mean sea level persisted. The trough from southwest Uttar Pradesh to southwest Rajasthan across the cyclonic circulation over northeast Rajasthan adjoining south Haryana at 0.9 km above mean sea level persisted.
- On 16th March, the Western disturbance as a cyclonic circulation over north Pakistan & adjoining Jammu region persisted and was seen between 3.1 & 5.8 km above mean sea level with a trough aloft with its axis at 7.6 km above mean sea level ran roughly along Long. 70°E to the north of Lat. 24°N. The upper air Cyclonic Circulation over northeast Rajasthan & adjoining south Haryana lay over Haryana at 1.5 km above mean sea level. The trough from southwest Uttar Pradesh to southwest Rajasthan across the cyclonic circulation over northeast Rajasthan adjoining south Haryana at 0.9 km above mean sea level had become less marked.
- On 17th March, the Western Disturbance as a cyclonic circulation over north Haryana & adjoining northwest Uttar Pradesh between 3.1 & 5.8 km above mean sea level persisted with a trough aloft with its axis at 7.6 km above mean sea level now runs roughly along Long. 77°E to the north of Lat. 30°N. The upper air Cyclonic Circulation over Haryana at 1.5 km above mean sea level persisted.

- On 18th March, a Western Disturbance was seen as a Cyclonic Circulation over southeast Iran and neighbourhood between 3.1 & 9.6 km above means sea level.
- On 19th March, the Western Disturbance as a Cyclonic Circulation over southeast Iran and neighbourhood lay over Afghanistan between 5.8 & 7.6 km above means sea level. An upper air cyclonic circulation lay over Southwest Rajasthan & neighbourhood and extended upto 1.5km above mean sea level.

Table-1 Rainfall Summary of the Week (13 - 19 March 2025)

Rainfall (in mm)								
STATION	13-Mar	14-Mar	15-Mar	16-Mar	17-Mar	18-Mar	19-Mar	Total Weekly Rainfall
Safdarjung	0.0	0.0	Trace	0.0	0.0	0.0	0.0	Trace
Palam	0.0	0.0	Trace	0.0	0.0	0.0	0.0	Trace
Lodhi Road	0.0	0.0	Trace	0.0	0.0	0.0	0.0	Trace
Ridge	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ayanagar	0.0	Trace	0.2	0.0	0.0	0.0	0.0	0.2

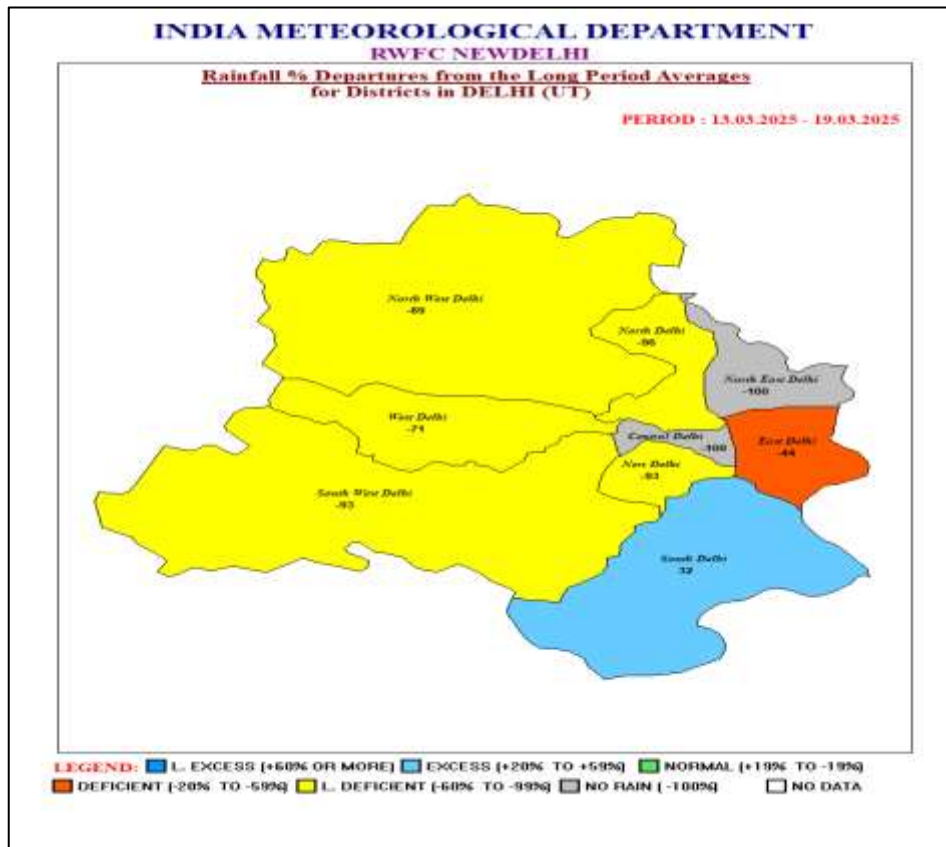


Figure 1. Rainfall % departure from the long period average for districts in Delhi

Table-2 Temperature Summary of the Week (13 - 19 March 2025)

STATION	Temperature (in °C)														Average Temperature over the past Week (in °C)	
	13-Mar		14-Mar		15-Mar		16-Mar		17-Mar		18-Mar		19-Mar			
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
Safdarjung	34.4	18.6	36.2	17.6	33.0	18.7	31.9	18.0	29.2	16.8	30.7	14.6	32.8	14.2	32.6	16.9
Palam	31.8	18.3	34.0	17.6	30.8	17.9	30.2	16.4	28.2	16.6	29	15.8	31.3	16.1	30.8	17.0
Lodhi Road	33.8	18.0	34.8	18.0	31.8	18.6	32	16.6	29.2	16	30.8	13.8	33.0	14	32.2	16.4
Ridge	34.7	17.3	35.3	16.9	32.4	17.6	32.5	15.0	30.4	15.2	31.9	13.3	34.6	14.3	33.1	15.7
Ayanagar	33.5	18.8	35.0	16.6	32.7	18.6	31.9	16.6	29.4	15.6	30.6	14.5	33.2	14	32.3	16.4

Table-3 Temperature Departure during the Week (13 - 19 March 2025)

STATION	Average Actual 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	32.6	16.9	29.9	15.7	2.7	1.2
Palam	30.8	17	30.3	15.7	0.5	1.3
Lodhi Road	32.2	16.4	29.4	14.4	2.8	2.0
Ridge	33.1	15.7	30.9	16.7	2.2	-1.0
Ayanagar	32.3	16.4	30.9	15.3	1.4	1.1

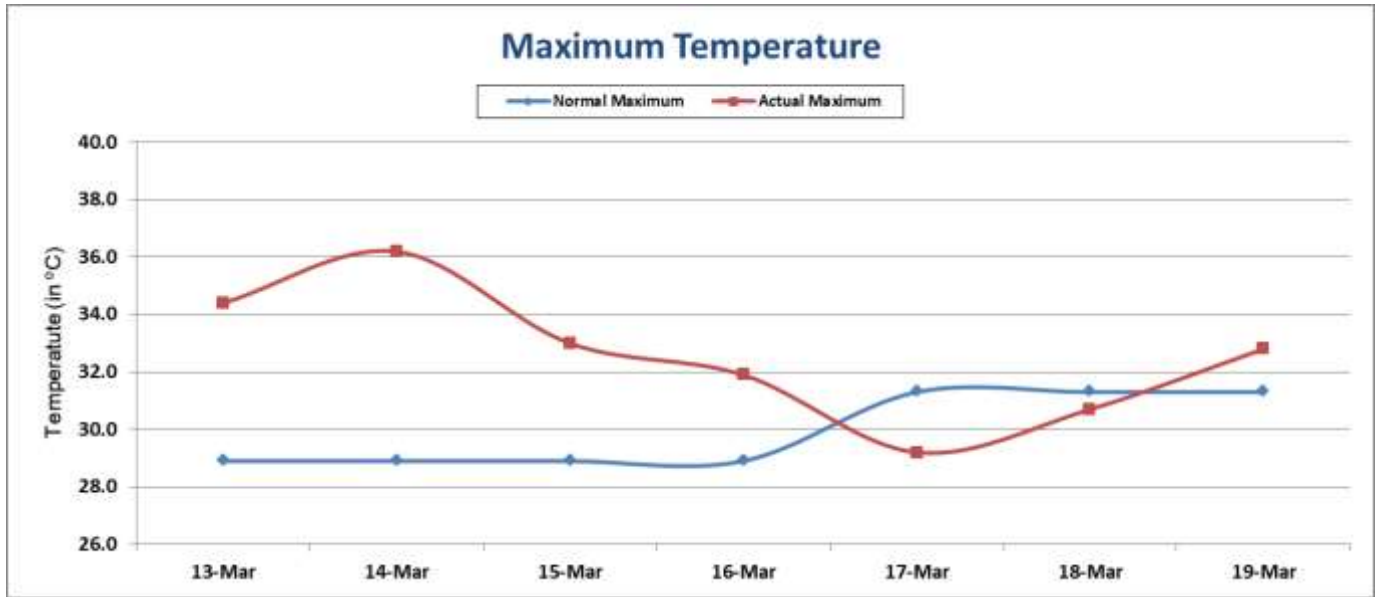


Figure 2. Weekly trend of Maximum temperature as compared to the Normal temperature

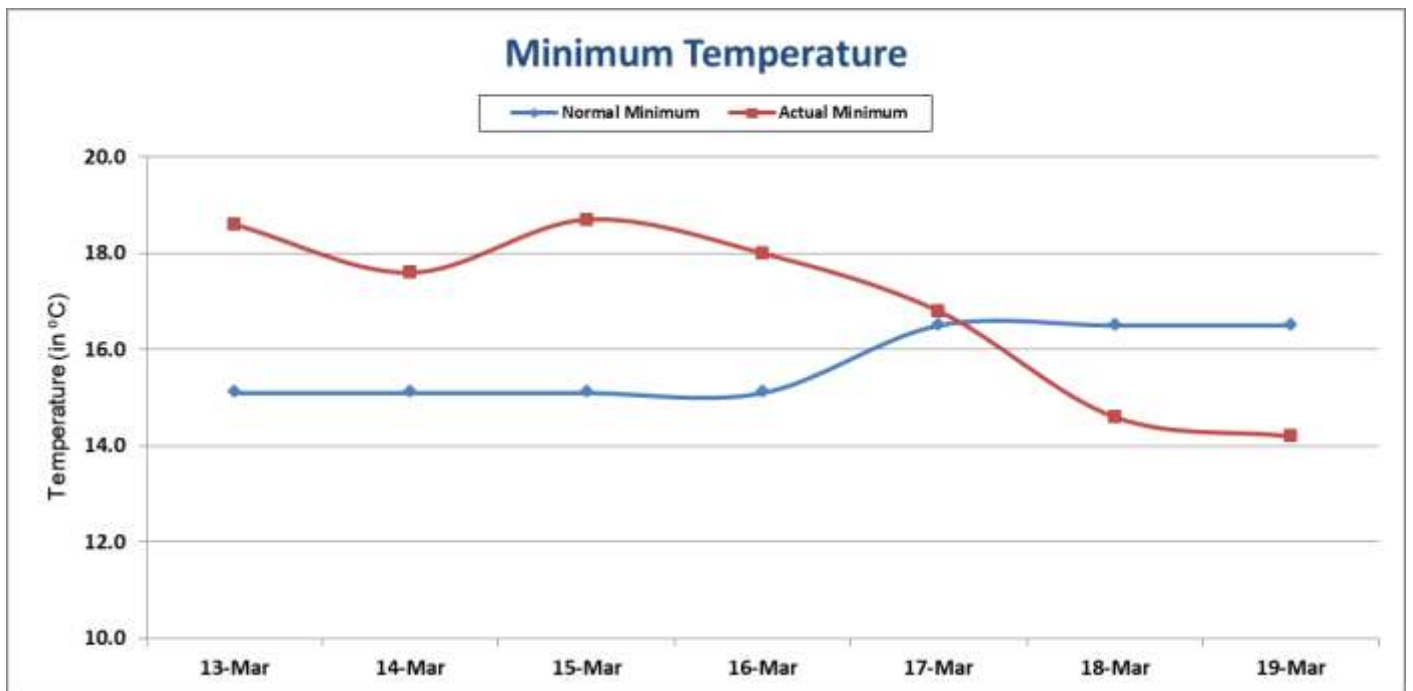


Figure 3. Weekly trend of Minimum temperature as compared to the Normal temperature
