

WEATHER OVER DELHI DURING THE MONTH OF SEPTEMBER 2024

Temperature

Maximum temperatures were **appreciably above normal** on 25th, **above normal** on 2nd, 4th, 11th, 23rd, 24th and 26th, **markedly below normal** on 13th and 14th, **appreciably below normal** on 9th and 19th, **below normal** on 5th, 15th and 20th and **normal** on remaining days of the month. The mean maximum temperature for the month was **33.8°C**, which is **0.3°C below** its climatological mean of the month, i.e. **34.1°C**. The highest maximum temperature was **37.4°C** recorded on 25th of the month. The all-time record of maximum temperature for the month is **40.6°C** recorded on 16th September 1938.

Minimum temperatures were **appreciably above normal** on 27th, **above normal** on 24th, 25th, 26th, 28th, 29th and 30th, **appreciably below normal** on 13th, 14th and 19th, **below normal** on 5th, 6th, 11th and 12th and **normal** on remaining days of the month. The mean minimum temperature for the month was **24.7°C**, which is **0.2°C below** its climatological mean of the month, i.e. **24.9 °C**. The lowest minimum temperature was **21.1°C** recorded on 19th of the month. The all-time record of minimum temperature for the month is **16.1°C** recorded on 24th September 1930.

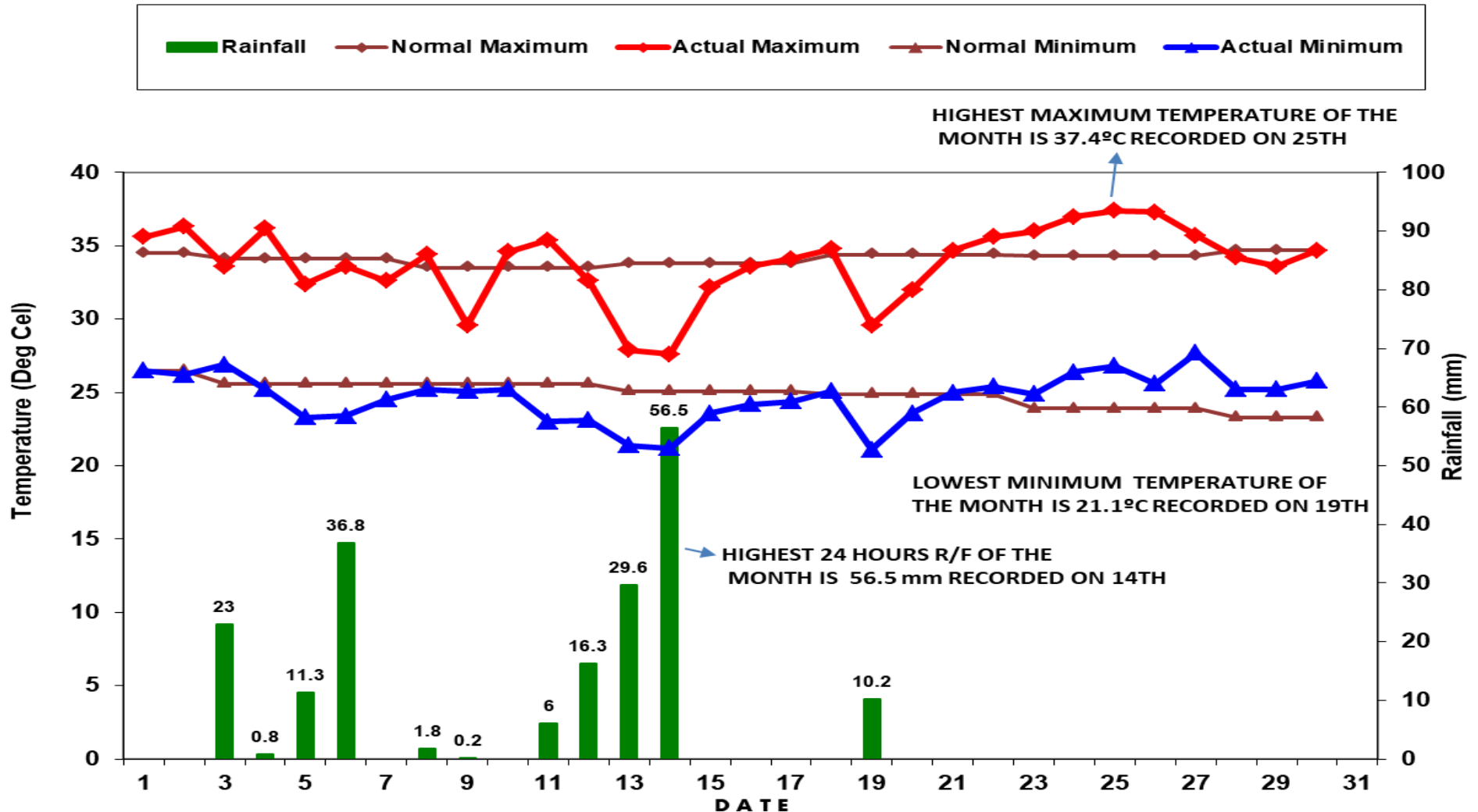
Departure = Observed temperature – Normal Temperature

Markedly above normal	Appreciably above normal	Above normal	Normal	Below normal	Appreciably below normal	Markedly below normal
5.1 and above	3.1 to 5.0	1.6 to 3.0	1.5 to -1.5	-1.6 to -3.0	-3.1 to -5.0	-5.1 and below

Rainfall

The normal rainfall during the month is **123.5 mm** at Safdarjung Observatory. However, during this month, **192.5 mm rainfall** was recorded. The actual rainfall was **56% above** normal (the long period average).

Temperature and Rainfall over Delhi during September 2024



Key points of the month:

Rainfall recorded in September 2024 and monsoon season at all the observatories of Delhi:

Station	Monthly Rainfall (in mm)	Number of Rainy Days (>2.4 mm) in September 2024	Rainfall in Monsoon season 2024 (June to September 2024) (in mm)
Safdarjung	192.5	8	1029.9
Palam	175.4	9	830.3
Lodhi Road	156.9	8	953.6
Ridge	156.1	10	948.3
Ayanagar	212.4	10	813.6