

Rochester Weather - June 2024 Summary

by Richard Bernatz

Weather data available online at <http://faculty.luther.edu/~bernatzr/RocWx/>

1. JUNE 2024 TEMPERATURES

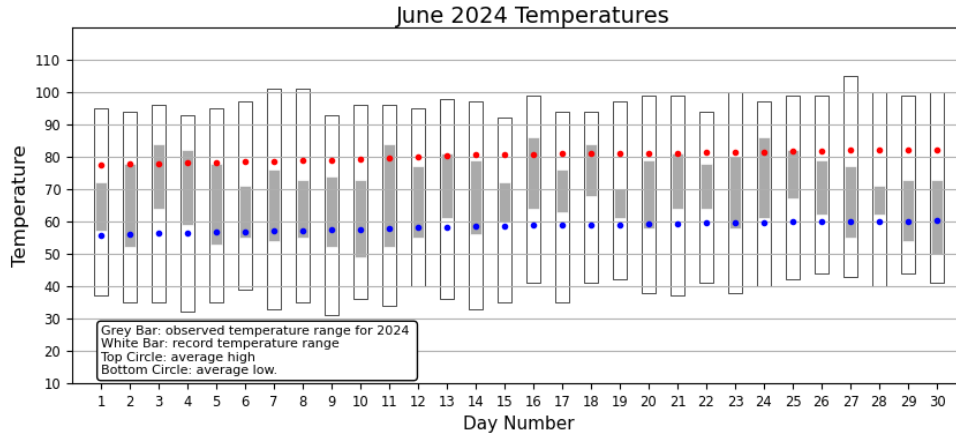


Figure 1: **Grey Bar:** Observed temperature range for 2024, **White Bar:** Record temperature range, **Circles:** Average temperature range, upper circle for average high, lower circle for average low.

Temperature (° F)	June 2024	Historical	Deviation
Average High	77.6	77.9	-0.3
Average Low	58.2	56.1	+2.1
Daily Average	67.9	67.0	+0.9

Table 1: June 2024 average temperatures compared to June averages.

- JUNE 2024
 - Record Temperatures: none
 - Average temperature : 67.9° F (0.9° F warmer than average)
 - Warmest temperature : 86° F on the 16th and 24th
 - Coldest temperature : 49° F on the 10th
 - Cooling degree days : 101.5, 21.0 less than the average of 122.5
- ALL JUNES SINCE 1887 (112 years, data for missing for 1889-1891, 1893-1907, 1921-1928)
 - Compared with June 2024, 43 Junes were warmer, one was the same, and 67 Junes were cooler
 - Warmest average : 73.8° F in 1933
 - Coldest average : 59.5° F in 1969
 - Warmest temperature : 105° F on the 27th of 1934
 - Coldest temperature : 31° F on the 9th of 1937

2. JUNE 2024 PRECIPITATION

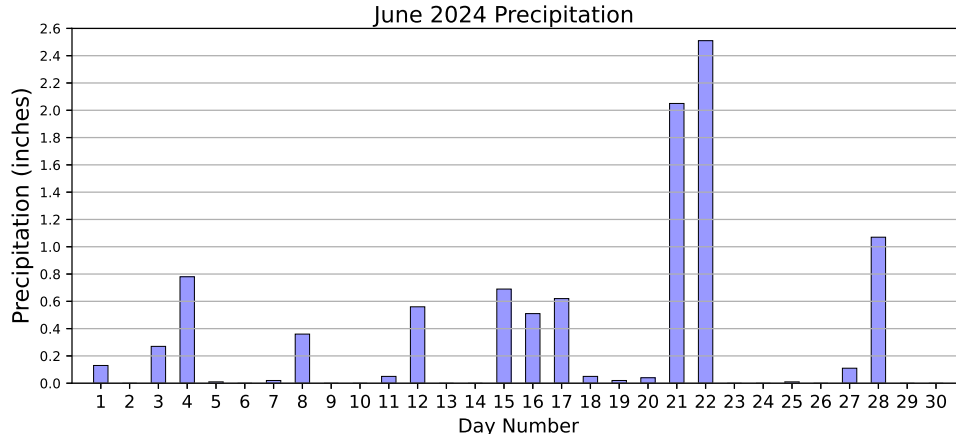


Figure 2: June Precipitation for Rochester.

- JUNE 2024
 - Total precipitation for June 2024 : 9.86 inches, 5.27 inches more than the average precipitation of 4.58 inches
 - Eighteen days with measurable precipitation, the average is 11 days
 - Greatest 24-hour total : 2.51 inches on the 22nd.
- ALL JUNES: 1887 - 2024 (109 years, data missing for 1888-1907, 1920-1928)
 - Compared with June 2024, 2 Junes were wetter and 106 Junes were drier
 - Wettest June: 12.05 inches in 2000
 - Driest June : 0.00 inches in 1910

3. TWELVE-MONTH SUMMARY

Month	Year	Ave Temp (°F)	Deviation (°F)	Rank [†] (#/Total)	Precip (inches)	Deviation (inches)	Rank [‡] (#/Total)
July	2023	69.4	-1.7	84/111	2.18	-1.68	82/110
August	2023	70.6	+1.9	23/112	1.51	-2.30	101/112
September	2023	66.3	+6.0	3/113	3.43	+0.15	43/113
October	2023	50.1	+1.7	33/113	4.78	+2.63	7/113
November	2023	36.2	+3.3	30/113	0.11	-1.48	109/112
December	2023	31.8	+12.5	1/111	1.13	+0.07	48/111
January	2024	19.3	+6.3	21/113	0.66	-0.24	66/109
February	2024	32.7	+15.4	1/112	0.34	-0.50	87/110
March	2024	37.3	+7.3	11/113	2.35	+0.57	33/111
April	2024	46.8	+1.9	34/112	3.92	+1.08	23/107
May	2024	59.5	+2.4	29/112	4.33	+0.48	40/111
June	2024	67.9	+0.9	44/112	9.86	+5.27	3/109

Table 2: Monthly temperature and precipitation data for 2024. [†]- The smaller the number (#), the warmer the month. [‡]- The smaller the number (#), the wetter the month. Boxed entries are within the historical top or bottom ten.

- June 2024 is the eleventh consecutive month with an above average mean temperature.
- Seven of the last twelve months were wetter than average. June is the fourth consecutive month with above average precipitation
- Precipitation deviations. last 3 months : 6.84 inches, last 6 months : +6.67 inches, last 9 months: +7.90, last 12 months: +4.07 inches