

All-time Summer season temperature records for Tucson (1895-2022)

Top 10 Hottest			Top 10 Coldest		
Rank	Summer Avg.	Year	Rank	Summer Avg.	Year
1	90.0°	2020	1	81.3°	1923
2	89.9°	1994	2T	81.8°	1921
3T	88.3°	2022		81.8°	1913
	88.3°	2019		81.8°	1908
	88.3°	2015	5	82.2°	1965
	88.3°	2013	6T	82.3°	1912
7	88.1°	2017		82.3°	1907
8	88.0°	2016	8	82.5°	1916
9	87.8°	2011	9T	82.7°	1906
10T	87.4°	2018/2014		82.7°	1905
	87.4°	2010/1996	Coldest Summer avg low temperature: 66.0° in 1913		
Warmest Summer avg high temperature: 104.9° in 1994			Warmest Summer avg low temperature: 76.1° in 2020 & 2022		
Coldest Summer avg high temperature: 95.7° in 1923					

Last 5 historical climatic normal temperatures for Summer (June thru August)

Climatic normals	Average High	Average Low	Average temperature
1991-2020	99.5°	74.6°	87.1°
1981-2010	99.1°	72.3°	85.7°
1971-2000	99.1°	71.3°	85.2°
1961-1990	98.6°	71.3°	85.0°
1951-1980	97.6°	71.1°	84.4°
All years 1895-2022	98.8°	70.9°	84.8°

Decadal average temperatures for Summer (June thru August)

Decade	Avg. High	Avg. Low	Avg. Temp	Decade	Avg. High	Avg. Low	Avg. Temp
2010-19	100.8°	74.8°	87.8°	1950-59	98.1	71.3	84.7°
2000-09	99.5°	73.5°	86.5°	1940-49	98.7	70.6	84.7°
1990-99	100.2°	71.9°	86.1°	1930-39	98.5	69.8	84.2°
1980-89	99.7°	71.3°	85.5°	1920-29	98.5	68.9	83.7°
1970-79	97.6°	71.3°	84.5°	1910-19	98.4	68.5	83.4°
1960-69	96.8°	70.5°	83.7°	1900-09	98.3	68.1	83.2°



All-time Summer season precipitation records for Tucson (1895-2022)

Top 10 Wettest			Top 10 Driest		
Rank	Total	Year	Rank	Total	Year
1	13.06"	1955	1	0.81"	1926
2	12.08"	2021	2	1.12"	1994
3	8.91"	2006	3	1.40"	1924
4	8.79"	1990	4	1.51"	1976
5	8.73"	1964	5	1.58"	1942
6	8.54"	2017	6	1.62"	1977
7	8.25"	1921	7	1.67"	2020
8	8.16"	1984	8	1.77"	1900
9	7.73"	1907	9	1.81"	2004
10	7.70"	1914	10	1.85"	1939

Top 10 Wettest summer dates			Last 5 historical climatic normals	
Rank	Total	Date/Year	NCDC Normal periods	Precipitation
1	3.93"	July 29, 1958	1991-2020	4.42"
2	2.88"	Aug. 1, 1935	1981-2010	4.84"
3T	2.48"	Aug. 22, 1961	1971-2000	4.61"
	2.48"	Aug. 9, 1923	1961-1990	4.76"
5	2.29"	Aug. 23, 2005	1951-1980	4.77"
6	2.28"	Aug. 3, 1955	All years 1895-2022	4.70"
7	2.25"	Aug. 14, 1940		
8	2.15"	Aug. 14, 2021	Decadal averages for Summer	
9	2.12"	July 22, 1955	Decade	Precipitation
10	2.07"	Aug. 11, 1995	2010-2019	4.73"
			2000-2009	4.55"
			1990-1999	4.70"
			1980-1989	5.20"
			1970-1979	3.87"
			1960-1969	4.63"
			1950-1959	5.99"
			1940-1949	4.21"
			1930-1939	4.39"
			1920-1929	3.90"
			1910-1919	5.04"
			1900-1909	4.41"



Miscellaneous Summer precipitation Records

Most consecutive days with rainfall of....

Zero: 37 days set on June 1 to July 7, 2002

Trace or less: 49 days set on June 1 to July 19, 1901

Trace or better: 12 days set on July 3-14, 2008* (last of 6 occurrences)

0.01" or better: 8 days set on July 26 to August 2, 2016 (last of 5 occurrences)

0.10" or better: 5 days set on July 20-24, 2017; July 10-14, 1953; July 11-15, 1951 & July 16-20, 1946

0.25" or better: 4 days set on July 22-25, 2021; August 8-11, 1984 & July 29 to August 1, 1964

0.50" or better: 3 days set on July 23-25, 2021; July 14-16, 2012; August 7-9, 1983 & August 29-31, 1914

1.00" or better: 2 days set on July 24-25, 2021 & July 21-22, 1910

1.50" or better: 2 days set on July 24-25, 2021

2.00" or better: 1 day set on August 14, 2021* (2.15") (last of 12 occurrences)

2.50" or better: 1 day set on July 29, 1958 (3.93") and August 1, 1935 (2.88")

3.00" or better: 1 day set on July 29, 1958 (3.93")

Historical Summer graphs for temperature and rainfall





