

July daily records for TUCSON (1895-2022)

Date	Daily average temperatures			Record highs		Record lows		Record rainfall	
	High	Low	Avg.	F	Year	F	Year	Inches	Year
1	102°	75°	89°	111°	1990	57°	1928	0.83	2016
2	102°	75°	89°	111°	2011*	59°	1992	0.65	1917
3	102°	76°	89°	111°	1989*	49°	1911	1.40	1959
4	102°	76°	89°	114°	1989	59°	1935	0.78	2012
5	102°	76°	89°	111°	2018*	54°	1912	1.03	1952
6	102°	76°	89°	109°	2017*	59°	1902	0.55	1999
7	101°	76°	89°	111°	2017	58°	1938	1.47	1974
8	101°	76°	89°	111°	1994*	63°	1936*	1.29	1897
9	101°	76°	89°	110°	1979	58°	1926	1.01	2018
10	101°	76°	89°	109°	2021*	60°	1926	0.59	1917
11	101°	76°	89°	111°	1958	68°	1937*	1.73	2008
12	101°	77°	89°	113°	2020	63°	1960	1.31	1923
13	101°	77°	89°	110°	1994*	62°	1936	0.62	1912
14	100°	77°	89°	109°	1994*	65°	2002*	1.48	1999
15	100°	77°	88°	110°	1998*	62°	1905	1.45	2017
16	100°	77°	88°	110°	2019*	64°	1905	1.90	1919
17	100°	77°	88°	111°	2005	65°	1909*	1.84	1908
18	100°	77°	88°	109°	1992*	60°	1913	0.97	1919
19	100°	77°	88°	109°	2009	65°	1948*	1.39	1970
20	100°	77°	88°	109°	1989	63°	1906	1.11	1979
21	100°	77°	88°	110°	2006	64°	1913	1.35	1910
22	99°	77°	88°	108°	2006	63°	1973*	2.12	1955
23	99°	77°	88°	109°	2018*	62°	1913	0.98	1941
24	99°	77°	88°	112°	2018	62°	1913	1.87	1948
25	99°	77°	88°	110°	2018	65°	1913	1.50	2021
26	99°	77°	88°	112°	1995	59°	1913	2.00	1936
27	99°	76°	88°	113°	1995	59°	1913	1.84	1945
28	99°	76°	88°	114°	1995	62°	1913	1.88	1921
29	99°	76°	88°	110°	1995	62°	1913	3.93	1958
30	99°	76°	88°	110°	2020	64°	1919*	1.08	1964
31	99°	76°	87°	111°	1986	66°	2006*	1.90	2006
July climatic normals					July monthly records				
Normal high					100.2° F				
Normal low					76.3° F				
Normal temperature					88.2° F				
Normal rainfall					2.21"				
Climatic normal period (1991-2020)					* - last of several occurrences				
Record high					114° F on the 4 th & 28 th				
Record low					49° F on the 3 rd				
Record rainfall					3.93" on the 29 th				



All-time July temperature records for Tucson (1895-2022)

Top 10 Warmest			Top 10 Coldest		
Rank	Month Avg.	Year	Rank	Month Avg.	Year
1	91.5°	2020	1	81.4°	1912
2	90.6°	2005	2	82.8°	1950
3T	90.4°	2019	3T	83.1°	1919
	90.4°	1994		83.1°	1914
5	90.3°	2016	5T	83.5°	1974
6	90.1°	2009		83.5°	1913
7	90.0°	2022	7	83.6°	1911
8	89.9°	1989	8T	83.9°	1976
9	89.7°	1942		83.9°	1908
10	89.2°	2003	10	84.0°	1999
Warmest monthly avg. High – 105.1° in 1994			Warmest monthly avg. Low – 79.0° in 2020		
Coldest monthly avg. High – 93.5° in 1950			Coldest monthly avg. Low – 68.2° in 1912		
Top 10 Warmest days			Top 10 Coldest days		
Rank	Highs	Date/Year	Rank	Lows	Date/Year
1T	114°	7/28/1995	1	49°	7/3/1911
	114°	7/4/1989	2	54°	7/5/1912
34T	113°	7/12/2020	3T	55°	7/5/1904
	113°	7/27/1995		57°	7/1/1928
5T	112°	7/24/2018	5T	58°	7/7/1938
	112°	7/26/1995		58°	7/9/1926
6T	111°	7/ 7/2017^	58°	7/1/1913	
^ Last of 17 occurrences			8T	59°	7/2/1992
Coldest daily high: 74° last set on 7/31/1921*				59°	7/4/1935
				59°	7/27/1913
				59°	7/26/1913
				59°	7/6/1902
Warmest daily low: 89° set on 7/13/2020 & 7/22/2006					
Last 5 historical climatic normal temperatures for July					
Climatic normals	Average High	Average Low	Average temperature		
1991-2020	100.2°	76.3°	88.2°		
1981-2010	99.7°	74.4°	87.0°		
1971-2000	99.6°	73.4°	86.5°		
1961-1990	99.4°	73.6°	86.6°		
1951-1980	98.7°	72.3°	85.5°		
All years 1895-2022	99.5°	73.7°	86.6°		
Decadal average temperatures for July					
Decade	Avg. High	Avg. Low	Avg. Temp		
2010-19	100.1°	76.6°	88.3°		
2000-09	100.3°	75.6°	88.0°		
1990-99	100.5°	74.1°	87.3°		
1980-89	100.4°	73.2°	86.8°		
1970-79	98.2°	73.7°	86.0°		
1960-69	97.9°	73.6°	85.7°		
1950-59	98.7°	73.7°	86.2°		
1940-49	100.5°	73.8°	87.1°		
1930-39	99.9°	73.2°	86.6°		
1920-29	99.9°	72.6°	86.2°		
1910-19	97.7°	71.2°	84.4°		
1900-09	99.7°	71.4°	85.6°		



All-time July rainfall records for Tucson (1895-2022)

Top 10 Wettest			Top 10 Driest		
Rank	Total	Year	Rank	Total	Year
1	8.06"	2021	1	0.04"	1995
2	6.80"	2017	2	0.11"	1895
3	6.24"	1921	3	0.25"	1920
4	6.17"	1981	4	0.26"	1993
5	5.53"	1919	5	0.27"	1947
6	5.45"	1990	6	0.37"	1987
7	5.40"	2006	7	0.41"	1994
8	5.22"	2007	8	0.42"	1902
9	5.20"	1958	9	0.44"	1991
10	5.10"	1955	10	0.46"	2020
Top 10 Wettest days			Last 5 historical climatic normals		
Rank	Total	Date/Year	NCDC Normal periods		Precipitation
1	3.93"	7/29/1958	1991-2020		2.21"
2	2.12"	7/22/1955	1981-2010		2.25"
3	2.00"	7/26/1936	1971-2000		2.07"
4T	1.90"	7/31/2006	1961-1990		2.37"
	1.90"	7/16/1919	1951-1980		2.42"
6	1.88"	7/28/1921	All years 1895-2022		2.28"
7	1.87"	7/24/1948			
8T	1.84"	7/27/1945	Decadal averages for July		
	1.84"	7/17/1908	Decade	Precipitation	
10	1.82"	7/22/1910	2010-2019		2.80"
			2000-2009		2.51"
			1990-1999		1.81"
			1980-1989		2.34"
			1970-1979		2.15"
			1960-1969		2.13"
			1950-1959		3.16"
			1940-1949		1.69"
			1930-1939		1.46"
			1920-1929		1.93"
			1910-1919		2.84"
			1900-1909		2.29"



Miscellaneous July Records	
Temperature	
Most consecutive days with highs of....	Most consecutive days with lows of....
110° or hotter: 4 days set on July 26-29, 1995	65° or cooler: 9 days set on July 21-29, 1913
105° or hotter: 16 days set on July 1-16, 1994	60° or cooler: 2 days set on July 9-10, 1926*
100° or hotter: 22 days set on July 1-22, 2005	55° or cooler: 1 day set on July 5, 1912*
95° or hotter: 31 days set on July 1-31, 2009*	50° or cooler: 1 day set on July 3, 1911
90° or cooler: 5 days set on July 27-31, 2006*	75° or warmer: 22 days set on July 10-31, 2009
85° or cooler: 3 days set on July 6-8, 1950*	80° or warmer: 9 days set on July 7-15, 2020
80° or cooler: 2 days set on July 24-25, 2021	85° or warmer: 2 days set on July 6-7, 2018*
75° or cooler: 1 day set on 7/31/1921 & 7/3/1914	* - last of many occurrences
Precipitation	
Most consecutive days with rainfall of....	
Trace or greater: 12 days set on July 3-14, 2008; July 16-27, 1976 & July 15-26, 1955	
0.01" or greater: 8 days set on July 19-26, 1955; July 10-17, 1953 & July 16-23, 1946	
0.10" or greater: 5 days set on July 20-24, 2017* (last of 4 occurrences)	
0.25" or greater: 4 days set on July 22-25, 2021	
0.50" or greater: 3 days set on July 23-25, 2021 & July 14-16, 2012	
1.00" or greater: 2 days set on July 24-24, 2021 & July 21-22, 1910	
0.01" or less: 31 days set on July 1-31, 1995	
Trace or less: 20 days set on July 12-31, 1993	
zero: 17 days set on July 4-20, 1925	

Historical July graphs for temperature and rainfall





