

September daily records for TUCSON (1894-2022)

Date	Daily average temperatures			Record highs		Record lows		Record rainfall	
	High	Low	Avg.	F	Year	F	Year	Inches	Year
1	98°	74°	86°	107°	1950	58°	1914	1.28	1954
2	98°	74°	86°	107°	1899	57°	1914	0.70	1988
3	98°	74°	86°	107°	1983*	58°	1913	1.72	1996
4	98°	74°	86°	110°	2020	56°	1961	1.90	1970
5	98°	73°	86°	108°	2020	53°	1921	1.06	1909
6	97°	73°	85°	107°	2020	56°	1921	0.88	1897
7	97°	73°	85°	105°	2000	57°	1920	1.25	2016
8	97°	73°	85°	105°	1994*	58°	1912	1.84	2014
9	97°	73°	85°	105°	1990	51°	1912	0.99	1977
10	97°	72°	85°	107°	1990	53°	1912	2.85	1964
11	96°	72°	84°	107°	1990	55°	1928*	2.12	1921
12	96°	72°	84°	106°	2017	55°	1920	1.48	1966
13	96°	72°	84°	107°	1895	52°	1952	0.90	1992
14	96°	71°	84°	107°	2000	50°	1900	1.30	1911
15	96°	71°	83°	105°	2018*	52°	1930	2.84	2011
16	95°	71°	83°	104°	1928	50°	1903	1.07	1925
17	95°	70°	83°	105°	1956	52°	1915*	1.33	1991
18	95°	70°	82°	105°	2010*	53°	1906	1.01	1925
19	94°	70°	82°	103°	1934*	53°	1909	0.76	2018
20	94°	69°	82°	104°	1926	50°	1965	0.36	1974
21	94°	69°	81°	105°	1954	47°	1965	1.10	1978
22	94°	69°	81°	106°	1989	50°	1895	0.80	1934
23	93°	68°	81°	103°	2001	48°	1941	1.32	1929
24	93°	68°	80°	104°	1899	49°	1923	2.57	1943
25	93°	68°	80°	104°	1899	48°	1913	1.25	1976
26	92°	67°	80°	104°	1899	43°	1913	2.40	1962
27	92°	67°	79°	102°	1994	46°	1915	1.38	1926
28	92°	66°	79°	103°	1994	44°	1936*	2.15	1995
29	92°	66°	79°	101°	2010*	44°	1923*	1.02	1983
30	91°	65°	78°	104°	2010	44°	1965	0.75	1946
September climatic normals					September monthly records				
Normal high					95.1° F				
Normal low					70.4° F				
Normal temperature					82.8° F				
Normal rainfall					1.32"				
Climatic normal period (1991-2020)					Record high: 110° F on the 4 th Record low: 43° F on the 26 th Record rainfall: 2.85" on the 10 th * - last of several occurrences				



All-time September temperature records for Tucson (1894-2022)

Top 10 Warmest						Top 10 Coldest									
Rank		Month Avg.		Year		Rank		Month Avg.		Year					
1		85.7°		2020		1		76.3°		1964					
2		84.9°		2018		2		76.4°		1970					
3		84.8°		2000		3T		76.7°		1923					
4T		84.7°		2022				76.7°		1900					
		84.7°		2010				5T		76.8°		1965			
6		84.5°		1989				76.8°		1912					
7		84.4°		2001				7T		76.9°		1919			
8		84.3°		1956				76.9°		1904					
		84.2°		1997				9		77.0°		1961			
9T		84.2°		1994				77.2°		1920					
		84.2°		1994				Warmest monthly avg. Low – 72.4° in 2022		Coldest monthly avg. Low – 59.1° in 1912					
Warmest monthly avg. High – 99.6° in 1956						Warmest monthly avg. Low – 72.4° in 2022									
Coldest monthly avg. High – 87.4° in 1964						Coldest monthly avg. Low – 59.1° in 1912									
Top 10 Warmest days						Top 10 Coldest days									
Rank		Highs		Date/Year		Rank		Lows		Date/Year					
1		110°		9/ 4/2020		1		43°		9/26/1913					
2		108°		9/ 5/2020		2T		44°		9/30/1965					
3T		107°		9/ 6/2020*				44°		9/28/1936					
		107°		9/14/2000				44°		9/29/1923					
		107°		9/11/1990				44°		9/28/1923					
		107°		9/10/1990				44°		9/29/1915					
		107°		9/ 3/1983				44°		9/28/1904					
		107°		9/ 1/1950				44°		9/29/1894					
		107°		9/ 3/1948				9T		45°		9/29/1934			
		107°		9/ 5/1945		45°				9/30/1915					
107°		9/ 2/1899		45°		9/30/1907									
107°		9/13/1895		45°		9/30/1907									
* - last of 10 occurrences						Warmest daily low: 84° set on 9/ 6/2020 & 9/ 1/2011									
Coldest daily high: 70° set on 9/26/1919															
Last 5 historical climatic normal temperatures for September															
Climatic normals			Average High			Average Low			Average temperature						
1991-2020			95.1°			70.4°			82.8°						
1981-2010			94.5°			68.6°			81.6°						
1971-2000			94.0°			67.7°			80.9°						
1961-1990			93.5°			67.3°			80.4°						
1951-1980			93.5°			67.3°			80.4°						
All years 1894-2022			94.5°			67.0°			80.7°						
Decadal average temperatures for September															
Decade		Avg. High		Avg. Low		Avg. Temp		Decade		Avg. High		Avg. Low		Avg. Temp	
2010-19		95.2°		70.5°		82.9°		1950-59		96.3°		67.3°		81.8°	
2000-09		95.5°		69.8°		82.6°		1940-49		94.6°		68.0°		81.3°	
1990-99		95.5°		68.7°		82.1°		1930-39		94.4°		65.3°		79.9°	
1980-89		94.2°		66.8°		80.5°		1920-29		94.3°		64.4°		79.4°	
1970-79		91.9°		67.3°		79.6°		1910-19		94.2°		64.6°		79.4°	
1960-69		92.0°		67.2°		79.6°		1900-09		94.1°		63.2°		78.7°	



All-time September rainfall records for Tucson (1894-2022)

Top 10 Wettest			Top 10 Driest		
Rank	Total	Year	Rank	Total	Year
1	5.60"	2011	1T	0.00"	2020
2	5.11"	1964		0.00"	1953
3T	4.28"	1983	3T	Trace	1973
	4.28"	1929		Trace	1968
5	3.68"	1996		Trace	1959
6	3.59"	1943		Trace	1957
7	3.58"	1970		Trace	1894
8	3.53"	1966	8	0.01"	1912
9	3.05"	1954	9T	0.02"	2000
10	3.01"	1921		0.02"	1979/1989
Top 10 Wettest days			Last 5 historical climatic normals		
Rank	Total	Date/Year	NCDC Normal periods		Precipitation
1	2.85"	9/10/1964	1991-2020		1.32"
2	2.84"	9/15/2011	1981-2010		1.29"
3	2.57"	9/24/1943	1971-2000		1.45"
4	2.40"	9/26/1962	1961-1990		1.67"
5	2.15"	9/28/1995	1951-1980		1.33"
6	2.12"	9/11/1921	All years 1894-2022		1.28"
7	1.90"	9/ 4/1970	Decadal averages for September		
8	1.88"	9/24/1929	Decade		Precipitation
9	1.84"	9/ 8/2014	2010-2019		1.77"
10	1.72"	9/ 3/1996	2000-2009		0.79"
			1990-1999		1.55"
			1980-1989		1.74"
			1970-1979		1.41"
			1960-1969		1.81"
			1950-1959		0.60"
			1940-1949		1.62"
			1930-1939		1.01"
			1920-1929		1.87"
			1910-1919		0.93"
			1900-1909		0.96"



Miscellaneous September Records	
Temperature	
Most consecutive days with highs of....	Most consecutive days with lows of....
105° or greater: 5 days set on Sep. 2-6, 1952	65° or less: 27 days set on Sep. 4-30, 1912
100° or greater: 12 days set on Sep 3-14, 1955	60° or less: 9 days set on Sep. 22-30, 1900
95° or greater: 29 days set on Sep. 1-29, 1956	55° or less: 7 days set on Sep. 24-30, 1934*
	50° or less: 4 days set on Sep. 26-29, 1920*
90° or less: 23 days set on Sep. 8-30, 1964	70° or greater: 21 days set on Sep. 1-21, 1997
85° or less: 11 days set on Sep. 17-27, 1974	75° or greater: 5 days set on Sep. 4-8, 2020*
80° or less: 3 days set on Sep.26-28, 1919	80° or greater: 2 days set on Sep. 5-6, 2020*
75° or less: 1 day set on Sep. 24, 2003*	* - last of many occurrences
Precipitation	
Most consecutive days with rainfall of....	
Trace or greater: 11 days set on Sep. 4-14, 1964	
0.01" or greater: 7 days set on Sep. 4-10, 1964	
0.10" or greater: 4 days set on Sep. 22-25, 2019; Sep. 12-15, 2011 & Sep. 23-26, 1943	
0.25" or greater: 3 days set on Sep. 22-24, 2019; Sep. 28-30, 1983; Sep. 24-26, 1980 & Sep. 16-18, 1925	
0.50" or greater: 2 days set on Sep. 9-10, 2011* (last of 7 occurrences)	
1.00" or greater: 2 days set on Sep. 10-11, 1982; Sep. 11-12, 1966 & Sep. 23-24, 1929	

Historical September graphs for temperature and precipitation





