All-time yearly temperature records for Tucson (1895-2015)

Top 10 Warmest years

Rank	Average temp.	Year
1	72.2°	2014
2	71.5°	2015
3	71.4°	1989
4	71.3°	2012
5	71.2°	2009
6	71.0°	1994
7T	70.8°	2013
	70.8°	2005
9	70.7°	2003
10T	70.6°	1954/1996

Warmest yearly avg. High – 86.9° in 1989

Coldest yearly avg. High – 77.6° in 1905

Top 10 Coldest years

Rank	Average temp.	Year
1T	65.0°	1912
	65.0°	1905
3	65.3°	1913
4T	65.7°	1920
	65.7°	1919
6	65.8°	1909
7	65.9°	1908
8T	66.1°	1971
	66.1°	1964
	66.1°	1903

Warmest yearly avg. Low – 58.7° in 2014

Coldest yearly avg. Low – 48.8° in 1912

Top 10 Warmest dates

Rank	Highs	Date/Year
1	117°	June 26, 1990
2	116°	June 29, 1994
3T	115°	June 28, 1994
	115°	June 25, 1994
5T	114°	July 28, 1995
	114°	July 4, 1989
	114°	June 22, 1988
9T	113°	June 27, 1995
	113°	June 26, 1994
	113°	June 24, 1994
	113°	June 26, 1993
	113°	June 28, 1990
	113°	June 25, 1990
	113°	June 18, 1989
	113°	June 23, 1988

Coldest daily high: 36° last set on 1/4/1949

Top 10 Coldest dates

Rank	Lows	Date/Year
1	6°	Jan. 7, 1913
2	10°	Dec. 14, 1901
3	11°	Dec. 31, 1905
4	13°	Jan. 8, 1913
5	14°	Dec. 30, 1895
6T	15°	Jan. 22, 1937
	15°	Dec. 11, 1916
	15°	Jan. 6, 1910
	15°	Jan. 22, 1904
10T	16°	Dec. 24, 1974
	16°	Jan. 4, 1949
	16°	Jan. 4, 1911
	16°	Dec. 22, 1897
	16°	Dec. 31, 1895
	16°	Dec. 26, 1895

Warmest daily low: 89° set on 7/22/2006

Last 5 historical climatic normal temperatures for the calendar year

Climatic normals	Average High	Average Low	Average temperature
1981-2010	83.1°	55.8°	69.4°
1971-2000	82.5°	54.8°	68.7°
1961-1990	82.2°	54.6°	68.4°
1951-1980	81.7°	54.2°	67.9°
1941-1970	81.5°	54.1°	67.8°
1931-1960	81.3°	54.1°	67.7°
All years 1895-2015	**82.8°**	**53.8°**	**68.3°**

Decadal average temperatures for the calendar year

Decade	Avg. High	Avg. Low	Avg. Temp	Decade	Avg. High	Avg. Low	Avg. Temp
2010-15	84.7°	57.3°	71.0°	1950-59	83.0°	54.6°	68.8°
2000-09	83.9°	56.6°	70.2°	1940-49	82.4°	53.9°	68.1°
1990-99	84.1°	55.5°	69.8°	1930-39	82.7°	52.1°	67.4°
1980-89	83.3°	55.2°	69.2°	1920-29	82.9°	51.2°	67.1°
1970-79	81.0°	54.2°	67.6°	1910-19	82.5°	50.9°	66.7°
1960-69	81.3°	53.9°	67.6°	1900-09	82.4°	50.8°	66.6°

All-time yearly precipitation records for Tucson (1895-2015)

Top 10 Wettest

Rank	Total	Year
1	24.17”	1905
2	21.86”	1983
3	19.90”	1914
4	18.01”	1919
5	17.99”	1964
6	16.42”	1992
7	16.26”	1931
8	15.90”	1955
9	15.85”	1941
10	15.77”	1935

Top 10 Driest

Rank	Total	Year
1	5.07”	1924
2	5.34”	1953
3	5.53”	1947
4	5.67”	2009
5	6.28”	1976
6	6.48”	1989
7	6.50”	1928
8	6.64”	1975
9	7.04”	1956
10	7.05”	1939

Top 15 Wettest dates

Rank	Total	Date/Year
1	3.93”	Jul. 29, 1958
2	2.96”	Oct. 1, 1983
3	2.88”	Aug. 1, 1935
4	2.85”	Sep. 10, 1964
5	2.84”	Sep. 15, 2011
6	2.63”	Jan. 19, 1916
7	2.57”	Sep. 24, 1943
8T	2.48”	Aug. 22, 1961
	2.48”	Aug. 9, 1923
10	2.40”	Sep. 26, 1962
11	2.29”	Aug. 23, 2005
12	2.28”	Aug. 3, 1955
13	2.25”	Aug. 14, 1940
14T	2.15”	Sep. 28, 1995
	2.15”	Dec. 3, 1906

Historical climatic normals

NCDC Normal periods	Precipitation
1981-2010	11.59”
1971-2000	12.17”
1961-1990	12.00”
1951-1980	11.14”
1941-1970	11.05”
1931-1960	11.00”
All years 1895-2015	**11.23”**

Decadal averages for calendar year

Decade	Precipitation
2010-2015	10.57”
2000-2009	9.13”
1990-1999	12.43”
1980-1989	13.24”
1970-1979	10.74”
1960-1969	11.39”
1950-1959	10.97”
1940-1949	11.03”
1930-1939	10.90”
1920-1929	10.17”
1910-1919	12.37”
1900-1909	11.70”

All-time snowfall records for Tucson (1895-2015)

Top 10 snowiest years

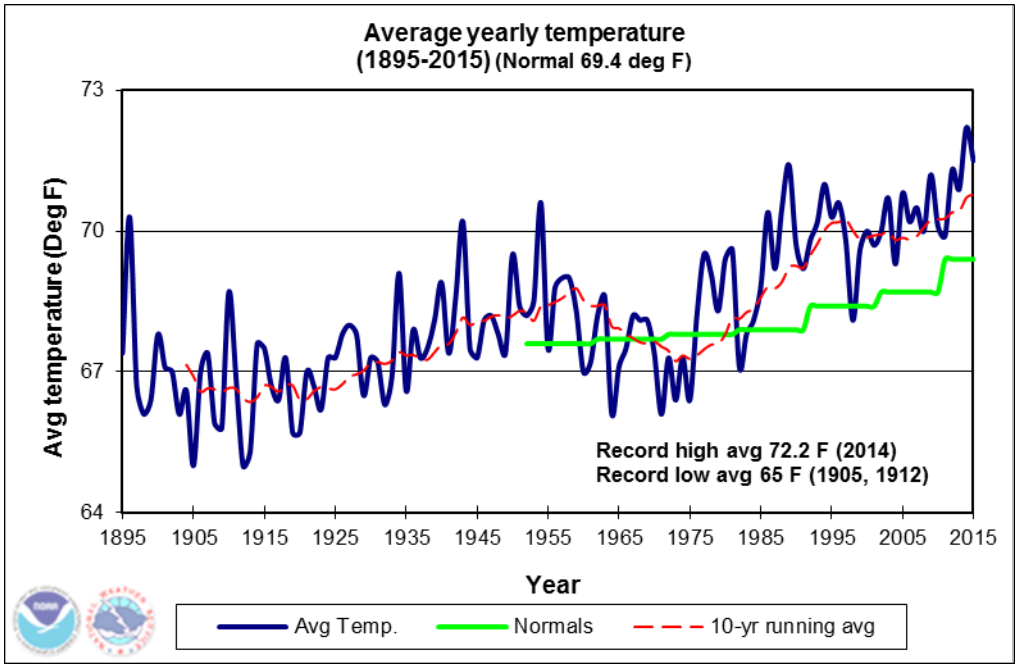
Rank	Total	Year
1	8.3”	1987
2	6.8”	1971
3	6.4”	1958
4	6.2”	1949
5T	6.0”	1922
	6.0”	1898
7	5.8”	1976
	5.8”	1964
	5.8”	1937
10	5.6”	1990

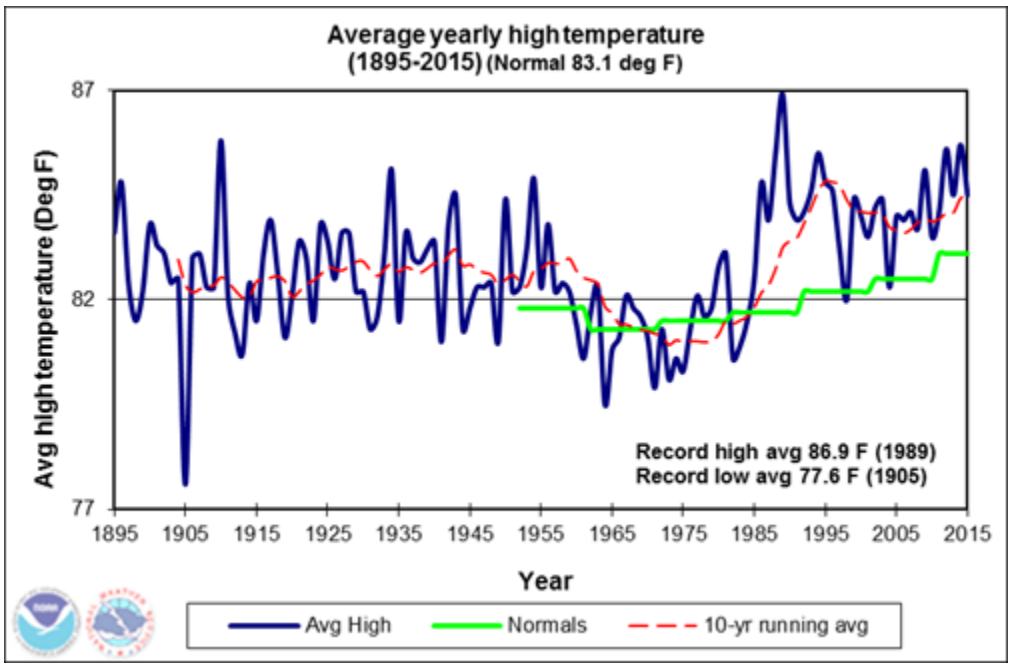
Top 10 snowiest dates

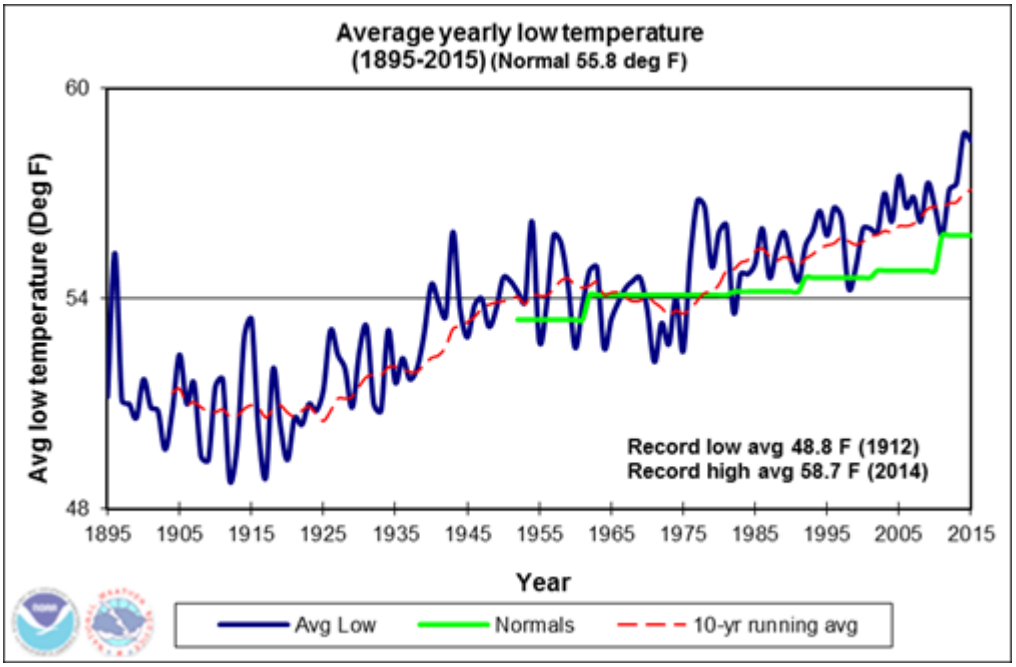
Rank	Total	Date/Year
1	6.8”	Dec. 8, 1971
2	6.4”	Nov. 16, 1958
3	6.0”	Mar. 12, 1922
4	4.3”	Jan. 16, 1987
5T	4.0”	March 2, 1964
	4.0”	Jan. 7, 1937
	4.0”	Dec. 25, 1916
	4.0”	Feb. 13, 1908
9	3.8”	Mar. 3, 1976
10	3.5”	Jan. 25, 1949

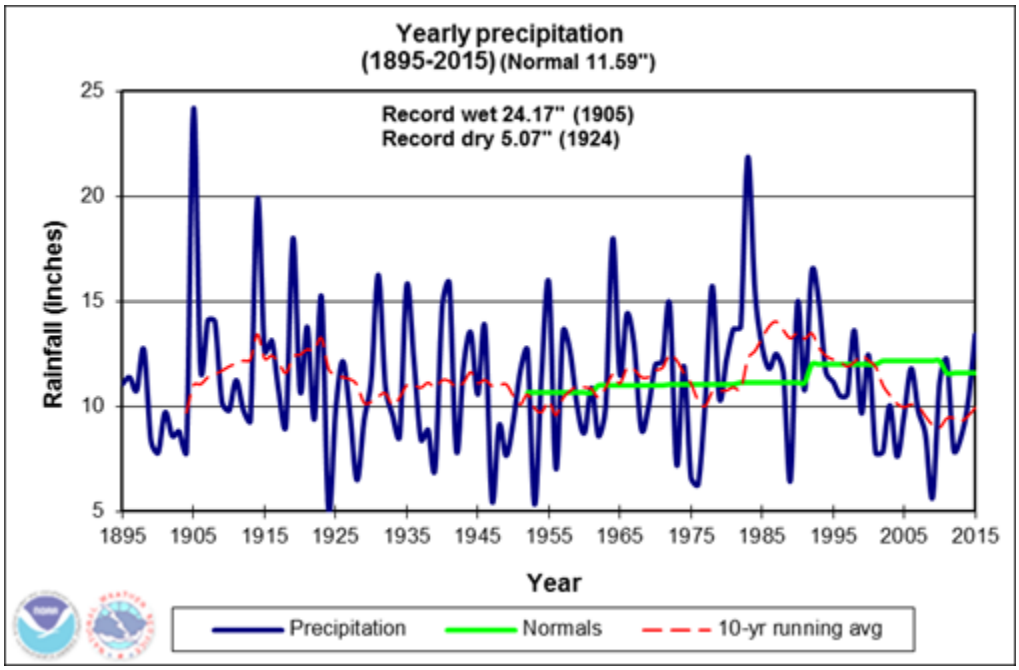
Miscellaneous Yearly Records
Temperature
Most consecutive days with highs of….
115° or greater: 2 days set on June 28-29, 1994
110° or greater: 6 days set on June 24-29, 1994
105° or greater: 24 days set on June 23 to July 16, 1994
100° or greater: 39 days set on June 1 to July 9, 2013; June 14 to July 22, 2005 & June 7 to July 15, 1987
95° or greater: 63 days set on July 17 to September 17, 1924
90° or greater: 126 days set on June 1 to October 4, 1924
65° or less: 48 days set on December 8, 1904 to January 24, 1905
60° or less: 20 days set on January 1-20, 1905
55° or less: 9 days set on December 9-17, 1904
50° or less: 6 days set on January 31 to February 5, 1985 & January 20-25, 1937
45° or less: 5 days set on January 3-7, 1971
40° or less: 3 days set on January 4-6, 1971
Most consecutive days with lows of….
40° or less: 52 days set on November 8 to December 29, 1929
35° or less: 27 days set on December 7, 1916 to January 2, 1917
32° or less: 17 days set on Dec. 28, 1912 to Jan. 13, 1913 & Jan. 19 to Feb. 4, 1904 & Jan. 11-27, 1898
30° or less: 14 days set on January 1-14, 1925 & January 19 to February 1, 1904
25° or less: 8 days set on December 8-15, 1916 & January 25 to February 1, 1904
20° or less: 5 days set on January 4-8, 1971
15° or less: 2 days set on January 7-8, 1913
10° or less: 1 days set on January 7, 1913 (6°) & December 14, 1901 (10°)
70° or greater: 85 days set on June 10 to September 2, 2015
75° or greater: 29 days set on July 10 to August 7, 2009
80° or greater: 8 days set on June 24 to July 1, 1990
85° or greater: 2 days set on July 5-6, 2007; July 22-23, 2006 and July 8-9, 1915
Precipitation
Most consecutive days with rainfall of….
Zero: 100 days set on March 30 to July 7, 2002
Trace or less: 114 days set on September 8 to December 30, 1950
Trace or greater: 12 days set on July 3-14, 2008* (last of 6 occurrences)
0.01” or greater: 8 days set on August 5-12, 1972* (last of 5 occurrences)
0.10” or greater: 6 days set on September 28 to October 3, 1983
0.25” or greater: 6 days set on September 28 to October 3, 1983
0.50” or greater: 3 days set on July 14-16, 2012* (last of 5 occurrences)
1.00” or greater: 2 days set on October 1-2, 1983* (last of 7 occurrences)
1.50” or greater: 1 day set on September 8, 2014* (last of 53 occurrences)
2.00” or greater: 1 day set on September 15, 2011* (last of 23 occurrences)
2.50” or greater: 1 day set on September 15, 2011* (last of 7 occurrences)
3.00” or greater: 1 day set on July 29, 1958 (3.93”)
Most consecutive days with snowfall of….
Trace or greater: 4 days set on January 15-18, 1949
0.1” or greater: 2 days set on December 24-25, 1987* (last of 7 occurrences)
0.5” or greater: 2 days set on December 24-25, 1987* (last of 5 occurrences)
1.0” or greater: 2 days set on December 24-25, 1987 & Feb. 3-4, 1985 & Feb. 9-10, 1965 & March 2-3, 1964
2.0” or greater: 1 day set on February 20, 2013* (last of 22 occurrences)
3.0” or greater: 1 day set on January 16, 1987* (last of 13 occurrences)
4.0” or greater: 1 day set on January 16, 1987* (last of 8 occurrences)
5.0” or greater: 1 day set on December 8, 1971 (6.8”) & November 16, 1958 (6.4”) & March 12, 1922 (6.0”)
6.0” or greater: 1 day set on December 8, 1971 (6.8”) & November 16, 1958 (6.4”) & March 12, 1922 (6.0”)

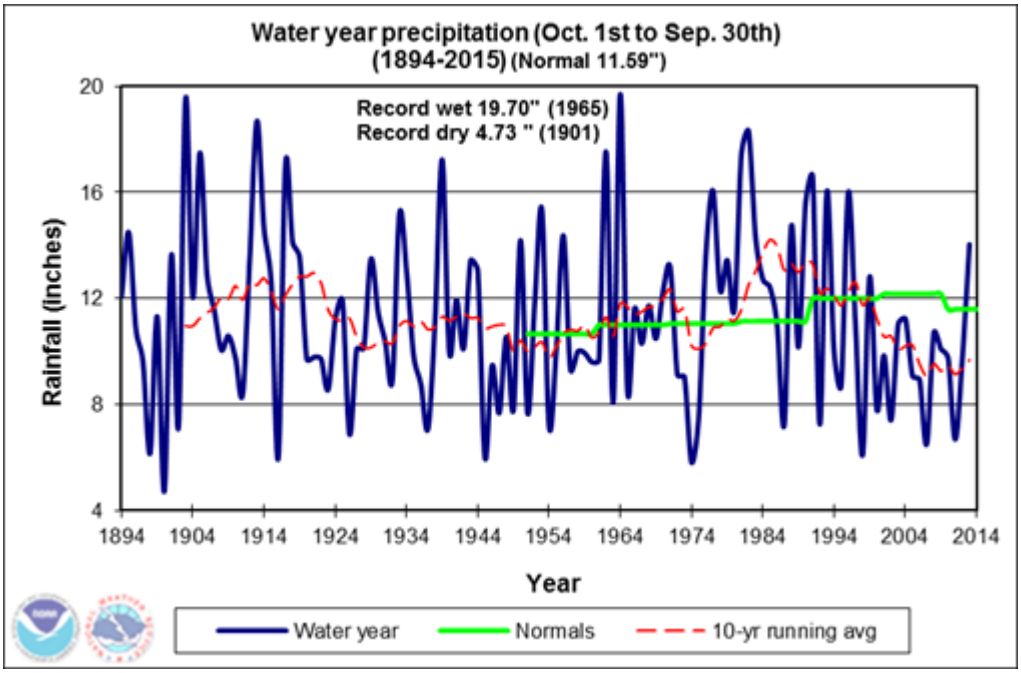
Historical Yearly graphs for temperature and precipitation

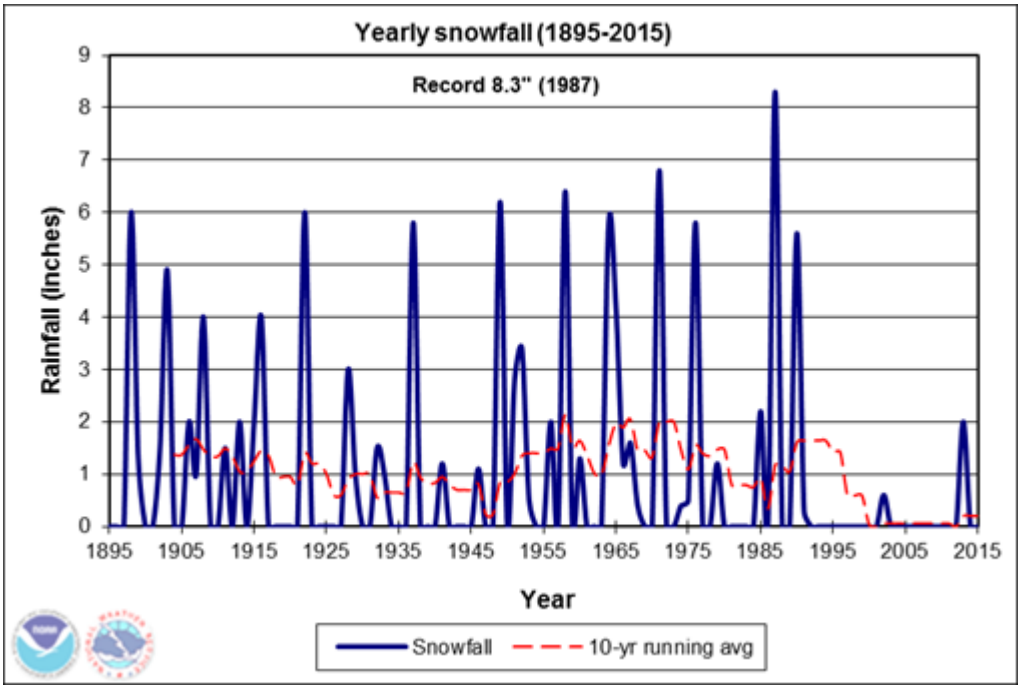


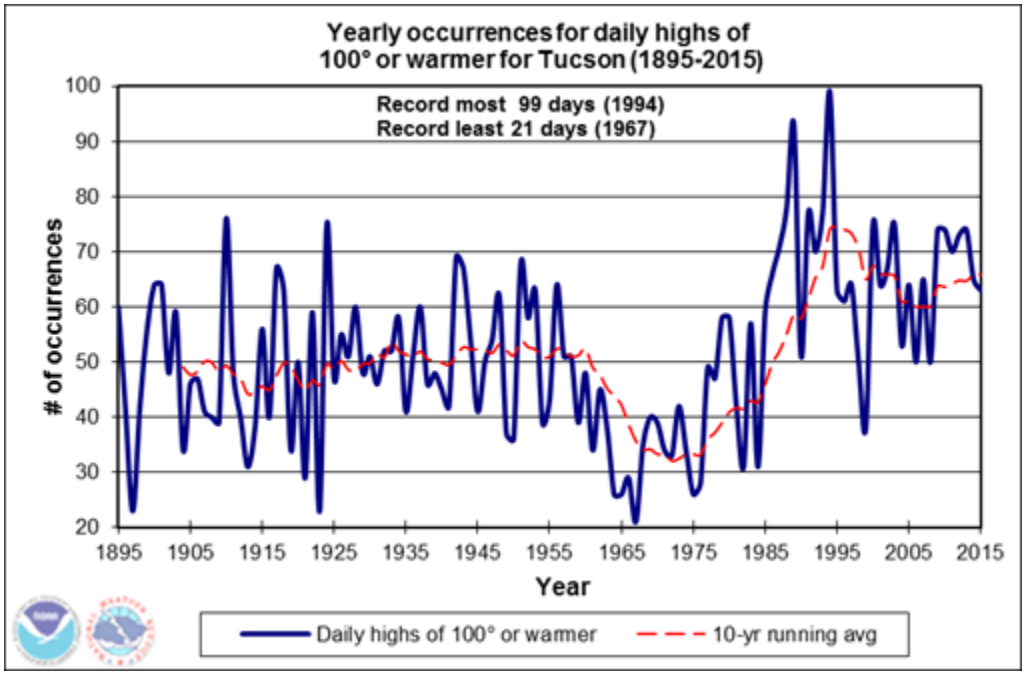


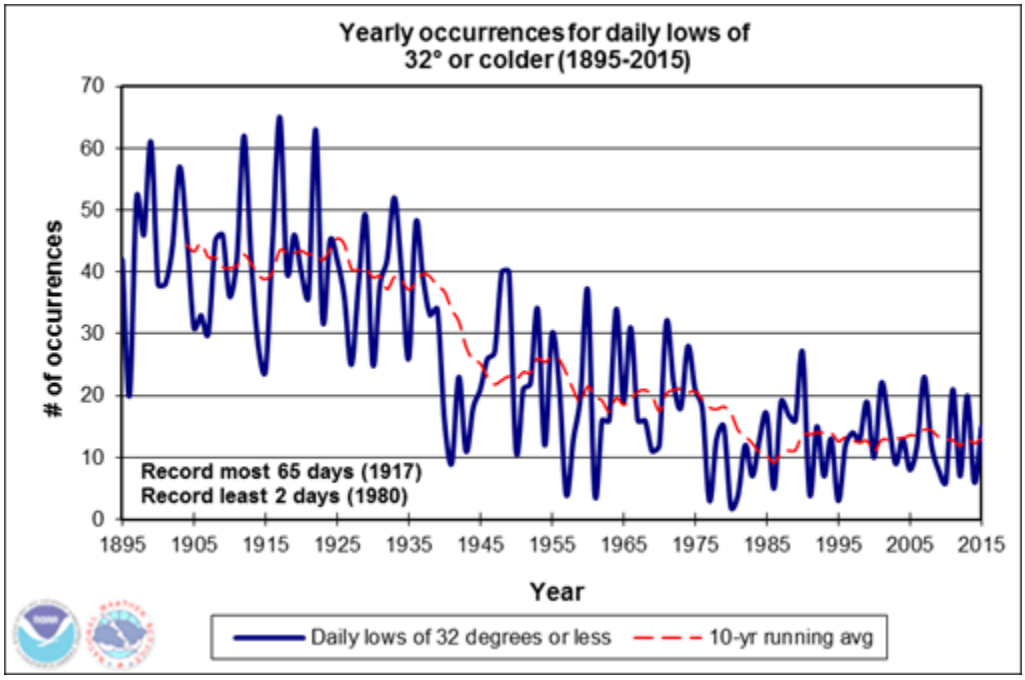

Average yearly low temperature
(1895-2015) (Normal 55.8 deg F)
Avg low temperature (Deg F)
60
54
48
Record low avg 48.8 F (1912)
Record high avg 58.7 F (2014)
1895
1905
1915
1925
1935
1945
1955
1965
1975
1985
1995
2005
2015
Year
Avg Low
Normals
10-yr running avg


Yearly precipitation
(1895-2015) (Normal 11.59")
Rainfall (inches)
25
20
15
10
5
Record wet 24.17" (1905)
Record dry 5.07" (1924)
1895
1905
1915
1925
1935
1945
1955
1965
1975
1985
1995
2005
2015
Year
Precipitation
Normals
10-yr running avg


Water year precipitation (Oct. 1st to Sep. 30th)
(1894-2015) (Normal 11.59")
Record wet 19.70" (1965)
Record dry 4.73 " (1901)
Rainfall (Inches)
20
16
12
8
4
1894
1904
1914
1924
1934
1944
1954
1964
1974
1984
1994
2004
2014
Year
Water year
Normals
10-yr running avg


Yearly snowfall (1895-2015)
Record 8.3" (1987)
Rainfall (Inches)
9
8
7
6
5
4
3
2
1
0
1895
1905
1915
1925
1935
1945
1955
1965
1975
1985
1995
2005
2015
Year
Snowfall
10-yr running avg


Yearly occurrences for daily highs of
100° or warmer for Tucson (1895-2015)
Record most 99 days (1994)
Record least 21 days (1967)
# of occurrences
100
90
80
70
60
50
40
30
20
1895
1905
1915
1925
1935
1945
1955
1965
1975
1985
1995
2005
2015
Year
Daily highs of 100° or warmer
10-yr running avg


Yearly occurrences for daily lows of
32° or colder (1895-2015)
# of occurrences
70
60
50
40
30
20
10
0
Record most 65 days (1917)
Record least 2 days (1980)
1895
1905
1915
1925
1935
1945
1955
1965
1975
1985
1995
2005
2015
Year
Daily lows of 32 degrees or less
10-yr running avg