



Des Moines Climate



1878-2019: September

Compiled by: Craig Cogil – Updated 12/21/2019

Temperature

Highest Daily Maximum:	101	September 3 and 7, 1939; September 9, 2013
Lowest Daily Maximum:	42	September 26, 1942
Highest Daily Minimum:	80	September 5, 1899
Lowest Daily Minimum:	26	September 30, 1899 and September 28, 1942
Highest Daily Average:	90	September 5, 1899
Lowest Daily Average:	38	September 25, 1942

Top Ten Warmest

1.	73.7	1897
2.	72.4	1931
3.	71.9	2015
4.	71.6	2019
5.	71.4	2013
	71.4	2016
7	70.8	2017
8.	70.5	1933
	70.5	1978
10.	70.4	1925 & 1998

Top Ten Coldest

1.	59.2	1993
2.	59.6	1896
3.	59.9	1902
4.	60.0	1949
5.	60.2	1918
6.	60.4	1883
7.	60.5	1924
8.	60.6	1943
9.	60.7	1879
10.	60.8	1951

Number of Years with Max of 100 degrees or Higher:	2	(1% of the years)
Number of Years with Max of 90 degrees or Higher:	87	(61% of the years)
Number of Years with Max of 80 degrees or Higher:	142	(100% of the years)
Number of Years with Min 50 degrees or below:	142	(100% of the years)
Number of Years with Min 40 degrees or below:	104	(73% of the years)
Number of Years with Min 32 degrees or below:	19	(13% of the years)

Precipitation

Wettest Day:	4.87"	September 16, 1914
Highest 3-day total:	6.43"	14 - 16, 1914
Highest 7-day total:	12.02"	10 – 16, 1914
Highest 14 - day total:	13.84"	8 – 21, 1914

Top Ten Wettest

1.	14.81	1914
2.	10.25	1926
3.	10.19	1961
4.	8.63	1941
5.	8.50	1936
6.	8.32	2018
7.	7.93	1886
8.	7.68	1911
9.	7.47	1919
10.	7.23	1965

Top Ten Driest

1.	0.15	1882
2.	0.41	1950
3.	0.48	1888
4.	0.53	1940
	0.53	1952
6.	0.66	1953
7.	0.69	1998
8.	0.71	2011
9.	0.72	1947
10.	0.75	1966

Average Number of Days with at least 0.01" of precipitation:	9
Average Number of Days with at least 0.10" of precipitation:	6
Average Number of Days with at least 0.50" of precipitation:	2

Number of Years with at least one day where 0.50" of Precipitation fell:	124	(87% of the years)
Number of Years with at least one day where 1.00" of Precipitation fell:	75	(53% of the years)
Number of Years with at least one day where 2.00" of Precipitation fell:	20	(14% of the years)

Snowfall

Snow has occurred in two September's, 1985 and 1942. Both events were trace amounts. The earliest snow event was September 24, 1985.

Monthly Normals

Average Maximum Temperature	76.1
Average Minimum Temperature	55.2
Average Daily Temperature	65.6
Average Precipitation	3.05"
Average Snowfall	0.0"

If you have any questions or comments, please send them to craig.cogil@noaa.gov.

Temperature and precipitation records for Des Moines began in August of 1878. Snowfall records didn't begin until December 1884.