



Des Moines Climate



1879-2021: July

Compiled by: Craig Cogil – Updated 9/17/2021

Temperature

Highest Daily Maximum:	110	July 25, 1936
Lowest Daily Maximum:	63	July 5, 1909
Highest Daily Minimum:	83	July 26, 1930 and July 21, 1934
Lowest Daily Minimum:	47	July 30, 1971
Highest Daily Average:	95	July 21, 1934; July 4, 1936 and July 15, 1936
Lowest Daily Average:	50	July 1, 1959; July 4, 1967 and July 30, 1971

Top Ten Warmest

1.	85.8	1936
2.	84.3	2012
3.	83.9	1901
4.	82.6	1934
5.	81.6	2011
6.	81.5	1916
7.	81.0	1955
	81.0	1977
9.	80.9	1935
	80.9	1974 and 1983

Top Ten Coldest

1.	68.7	1891
2.	69.7	1882
3.	70.8	1950
4.	71.0	1905
5.	71.1	1915
	71.1	1958
	71.1	1992
8.	71.4	1906
9.	71.6	1904
10.	71.9	1924

Number of Years with Max of 100 degrees or Higher:	40	(28% of the years)
Number of Years with Max of 90 degrees or Higher:	140	(99% of the years)
Number of Years with Min 60 degrees or below:	133	(94% of the years)
Number of Years with Min 50 degrees or below:	11	(8% of the years)

Precipitation

Wettest Day:	4.32"	July 19, 1904
Highest 3-day total:	6.20"	1 - 3, 1958
Highest 7-day total:	8.57"	14 – 20, 1907
Highest 14 - day total:	9.29"	8 – 20, 1907

Top Ten Wettest

1.	10.51	1958
2.	10.20	1907
3.	9.75	1993
4.	9.39	1915
5.	9.17	1973
6.	8.75	1990
7.	8.64	1892
8.	8.18	2008
9.	8.15	1896
10.	7.76	1992

Top Ten Driest

1.	0.04	1975
2.	0.27	1886
3.	0.29	1879
	0.29	1894
5.	0.38	2018
6.	0.41	1936
7.	0.42	1947
8.	0.56	1930
9.	0.58	1937
10.	0.78	1923

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:	122	(86% of the years)
Number of Years with at least one day where 1.00" of Precipitation fell:	80	(56% of the years)
Number of Years with at least one day where 2.00" of Precipitation fell:	26	(18% of the years)

Snowfall

Snow has never occurred in Des Moines in the month of July.

Monthly Normals (1991-2020)

Average Maximum Temperature	85.6
Average Minimum Temperature	66.4
Average Daily Temperature	76.0
Average Precipitation	3.82"
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.