



Des Moines Climate



1878-2020: August

Compiled by: Craig Cogil – Updated 9/3/2020

Temperature

Highest Daily Maximum:	110	August 4, 1918
Lowest Daily Maximum:	56	August 26, 1944
Highest Daily Minimum:	83	August 3, 1930
Lowest Daily Minimum:	40	August 24, 1891 and August 20, 1950
Highest Daily Average:	94	August 3, 1930 and August 8, 1934
Lowest Daily Average:	54	August 25, 1958 and 4 previous times

Top Ten Warmest

1.	83.3	1983
2.	82.0	1947
3.	80.4	1936
4.	79.3	1881
5.	79.1	1995
6.	78.8	1988
7.	78.7	1913
	78.7	1918
	78.7	1937
10.	78.5	1886

Top Ten Coldest

1.	67.3	1915
2.	68.3	1992
3.	68.4	1950
4.	68.8	2004
5.	69.2	1986
6.	69.5	1946
7.	69.6	1890
8.	69.7	1927
9.	69.8	1891
10.	70.0	1884, 1885 and 1893

Number of Years with Max of 100 degrees or Higher:	22	(15% of the years)
Number of Years with Max of 90 degrees or Higher:	139	(98% of the years)
Number of Years with Min 60 degrees or below:	139	(98% of the years)
Number of Years with Min 50 degrees or below:	53	(37% of the years)
Number of Years with Min 40 degrees or below:	2	(1% of the years)

Precipitation

Wettest Day:	6.18"	August 27, 1975
Highest 3-day total:	7.67"	26 - 28, 1977
Highest 7-day total:	10.97"	25 – 31, 1977
Highest 14 - day total:	11.26"	18 – 31, 1977

Top Ten Wettest

1.	13.68	1977
2.	12.24	1993
3.	11.36	2014
4.	10.75	2010
5.	10.47	1954
6.	10.04	1987
7.	9.73	1975
8.	9.63	1940
9.	8.40	1932
10.	8.02	1900

Top Ten Driest

1.	0.14	1909
2.	0.25	1984
3.	0.67	1901
	0.67	2003
5.	0.71	1953
6.	0.79	1967
7.	0.93	1947
8.	0.98	2013
9.	1.00	1930
10.	1.04	1995

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:	133	(93% of the years)
Number of Years with at least one day where 1.00" of Precipitation fell:	89	(62% of the years)
Number of Years with at least one day where 2.00" of Precipitation fell:	37	(26% of the years)

Snowfall

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

Monthly Normals

Average Maximum Temperature	83.8
Average Minimum Temperature	64.8
Average Daily Temperature	74.3
Average Precipitation	4.13"
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.