



# Des Moines Climate



## 1879-2020: February

Compiled by: Craig Cogil – Updated 3/24/2020

### Temperature

Highest Daily Maximum:	78	February 24, 1930
Lowest Daily Maximum:	-10	February 8, 1899; February 1, 1917
Highest Daily Minimum:	51	Feb. 2 and 3, 1930; Feb. 23, 2000; Feb. 20, 2017
Lowest Daily Minimum:	-26	February 2, 1905; February 13, 1905; February 3, 1996
Highest Daily Average:	64	February 24, 1930
Lowest Daily Average:	-17	February 3, 1996

#### Top Ten Warmest

1.	39.2	2017
2.	38.1	1930
3.	37.7	1954
4.	36.9	1931
5.	36.4	2000
6.	36.3	1882
7.	36.2	1998
8.	35.7	1987
9.	35.5	1984
10.	35.2	1999

#### Top Ten Coldest

1.	8.0	1936
2.	13.3	1978
3.	13.8	1979
4.	14.4	1885
5.	14.8	1905
6.	15.2	1929
7.	15.4	1989
8.	15.6	1899
9.	16.7	1904
10.	16.8	1958

Number of Years with Max of 70 degrees or Higher:	7	(5% of the years)
Number of Years with Max of 60 degrees or Higher:	58	(41% of the years)
Number of Years with Max of 50 degrees or Higher:	104	(73% of the years)
Number of Years with Max of 40 degrees or Higher:	140	(99% of the years)
Number of Years with Min of 10 degrees or below:	134	(94% of the years)

Number of Years with Min of 0 degrees or below: 112 (79% of the years)  
 Number of Years with Min of -10 degrees or below: 50 (35% of the years)  
 Number of Years with Min of -20 degrees or below: 9 (6% of the years)

## Precipitation

Wettest Day: 1.76" February 27, 1948  
 Highest 3-day total: 1.94" 23 - 25, 2007  
 Highest 7-day total: 2.32" 15 - 21, 1976  
 Highest 14 - day total: 2.80" 4 - 17, 1928

### Top Ten Wettest

1.	3.20	1915
2.	3.10	1928
3.	3.00	1919
4.	2.99	1951
5.	2.91	1911
6.	2.68	1881
	2.68	1961
8.	2.51	1883
9.	2.46	2008
10.	2.44	2001

### Top Ten Driest

1.	0.09	1931
2.	0.13	1957
	0.13	1968
4.	0.15	1946
5.	0.16	1933
6.	0.17	1880
	0.17	1991
8.	0.20	1910
9.	0.21	2020
10.	0.22	1904 and 2006

Average Number of Days with at least 0.01" of precipitation: 7  
 Average Number of Days with at least 0.10" of precipitation: 4  
 Average Number of Days with at least 0.50" of precipitation: 1

Number of Years with at least one day where 0.50" of Precipitation fell: 57 (40% of the years)  
 Number of Years with at least one day where 1.00" of Precipitation fell: 10 (7% of the years)  
 Number of Years with at least one day where 2.00" of Precipitation fell: 0 (0% of the years)

## Snowfall

Snowiest Day: 14.2" February 28, 1939

Highest 3-day total: 14.2" 26 -28, 1939

Most Snow on Ground: 22" February 11, 1905

### Top Ten Snowiest

1. 25.1" 2019
2. 22.7" 2008
3. 21.3" 1962
4. 20.4" 1939
5. 19.7" 2010
6. 19.4" 2014
7. 19.3" 1924
8. 19.1" 1929
9. 18.6" 1978
10. 18.5" 1960

### Top Ten Least Snowiest

1. Trace 1931
2. 0.3" 1946
3. 0.4" 1922
- 0.4" 1925
- 0.4" 1991
6. 0.5" 1966
- 0.5" 2002
8. 0.7" 1957
9. 0.8" 1889
10. 0.9" 1943 and 1977

## Monthly Normals

Average Maximum Temperature 36.1

Average Minimum Temperature 18.8

Average Daily Temperature 27.4

Average Precipitation 1.28"

Average Snowfall 7.9"

If you have any questions or comments, please send them to [craig.cogil@noaa.gov](mailto:craig.cogil@noaa.gov).

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