

SWS Miscellaneous Publication 98-13

STATE OF ILLINOIS

DEPARTMENT OF ENERGY AND NATURAL RESOURCES

*Local Climatological (Data Summary)*  
*Molim, Illinois*  
*1872-1992*

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LOCAL CLIMATOLOGICAL DATA  
MOLINE - 1872 TO 1992

**Climatological Summary**

Moline has a temperate continental climate dominated by maritime tropical air from the Gulf of Mexico from about April through October, maritime polar air from the Pacific Ocean in spring, fall and winter, with short-duration incursions of continental polar air from Canada in winter. Mid-winter high temperatures are typically in the low 30s (°F), whereas summer highs are usually in the low to mid 80s, with lows about 20°F lower. Spring and fall are composed of a mix of winter- and summer-like days, with rather large day-to-day temperature fluctuations common. The greatest day-to-day changes in temperature occur in late fall, winter and early spring.

Winters are usually punctuated with 2 to 8 cold, dry arctic outbreaks, with daily lows dropping into the -10 to -20°F range. They generally persist for 3 to 5 days, and are often preceded by a winter storm that can reach severe proportions, consisting of 6 inches or more snow with strong winds, blowing snow, or freezing precipitation.

Summers are humid with dew points in the 60s and afternoon relative humidities in the 50-60% range. Usually about 25 days per year observe temperatures greater than 90°F; temperatures greater than 100°F are infrequent. Thunderstorms are common in the afternoon or evening during spring and summer.

Average (1961-90) precipitation for Moline is just over 39 inches, including about 34 inches of snow. There is great variability from year-to-year. On average, there are 113 days per year with measurable precipitation (at least 0.01"), about 45 of which are associated with thunder. Precipitation is most frequent and greater in magnitude during the warmer half of the year. Some 18 tornadoes were recorded in Rock Island, Mercer, Henry and Whiteside Counties since 1815.

Sixty-five percent of the mean annual precipitation falls from April through September. The frost-free growing season averages about 150 days, beginning 25 April on average and ending about 20 September.

## Extreme Climate Information for Moline

January 1979 was the snowiest (26.7") and coldest (6.3°F) of any month of record. Dec 1978 - Feb 1979 was the coldest winter of record (14.1°F). The snowiest winter season was that of 1974-75 with 69.7," followed by that of 1978-79 with 64.0."

Lowest pressure of record is 28.69 inches. The highest is 31.02 inches. The highest wind of record is 81 mph recorded 19 July 1963, 4 April 1981 and 21 August 1987. Funnel cloud very close to NWS station on 13 June 1976.

Earliest 6" or more snowfall: 26 Oct 1967 with 6.6 inches.  
Latest 6" or more snowfall: 17-18 Apr 1912, with 7.8 inches.  
Earliest snowfall: 25 Sep 1942 with 0.1 inch.  
Latest snowfall: 22 May 1935 with 0.3 inch.

Greatest 1 hr rainfall (since 1930): 3.28 inches, 29 Aug 1951.  
Greatest 24 hr rainfall (since 1929): 6.29 inches, 12-13 Sep 1961.  
Longest period without measurable precipitation: 45 consecutive days, from 2 Oct to 15 Nov 1952.

Since 1950, the longest period of cloudy days was from 27 Dec 1991 thru 9 Jan 1992 (14 days).

Record high temperature: 111.3°F, 14 July 1930.  
Record low temperature: -27°F, 5 Jan 1884 and 2 Jan 1979.  
Most days in winter with temperatures of 0°F or less: 43 (1977-78).  
Latest 32°F or below temperature: 20 May 1954.  
Earliest last freeze in spring: 28 Mar 1878.  
Earliest fall freeze: 20 Sep 1956.  
Worst wind chill: -65°F 24 Dec 1983.  
Record number of days with temperatures 90°F or greater: 55, 1936.  
Eleven consec. days with temperatures = or > 100°F, 5-15 July 1936.  
Warmest summer: 78.8°F Jun to Aug 1936.

This information for Moline/Davenport was provided by Roger C. Wolken, National Weather Service-Moline (retired).

**Climatological Summary**  
Means and Extremes for Period 1872 - 1992

Latitude N41 26  
Longitude W90 30

Moline, IL  
Elevation 580 ft

Mon	Temperature											Degree Days			Precipitation					Snow							
	Means			Extremes		Number of days			---Degree Days---			Greatest Monthly	Greatest Daily	Number of Days			Greatest Monthly	Greatest Snow									
	Ave Max	Ave Min	Ave Mean	High Temp	Low Temp	Date	Date	>=90	<=32	<=32	<=0			Heat	Cool	Grow			Mean	Amount	Year	Amount	Date	>=0.1	>=0.5	>=1.0	Mean
Jan	28.4	11.3	19.9	69	31/1989	-27d	5/1884*	0	17	29	7	1,400	0	0	1.54	4.63d	1916	1.85d	1/1876	4	1	0	8.8	26.7	1979	28	14/1979†
Feb	33.7	15.9	24.8	73d	15/1921	-25d	13/1905*	0	12	26	4	1,135	0	0	1.23	4.87d	1887	2.91d	15-16/1883	4	1	0	7.1	19.3	1960	17	9/1979†
Mar	46.7	28.1	37.4	88	29/1986	-19	6/1960	0	4	21	0	856	1	25	2.98	7.43	1973	3.01d	15-16/1919	6	2	1	5.9	24.8d	1923	15	17/1960
Apr	61.4	39.4	50.4	93	25/1986	7	7/1982	0	0	7	0	450	12	124	3.90	11.30	1973	4.26	21/1973	7	3	1	1.6	13.0	1982	6	6/1982
May	72.8	49.9	61.4	104	31/1934	26	10/1966	1	0	1	0	178	65	363	4.30	11.43	1974	3.23	13/1970	7	3	1	.0	0.3	1935		
Jun	82.5	59.6	71.1	104d	30/1931*	39d	8/1899**	5	0	0	0	18	200	632	4.27	10.79d	1892	5.06d	9-10/1905	7	3	1					
Jul	85.9	64.5	75.2	111d	14/1936	46	11/1945*	8	0	0	0	4	321	782	4.95	11.76	1992	5.18d	13-14/1889	7	3	1					
Aug	83.5	61.8	72.7	106	8/1936*	40d	30/1915*	6	0	0	0	10	247	702	4.22	15.23	1987	4.79d	22-23/1885	6	2	1					
Sep	75.9	53.3	64.7	100d	6/1922*	24	28/1942	2	0	0	0	108	97	442	4.02	14.18	1970	6.21	13/1961	6	3	1	.0	0.1	1942		
Oct	64.2	41.8	53.0	92	7/1939*	16	29/1952*	0	0	6	0	389	17	171	2.93	9.41	1941	4.77	10/1954	5	2	1	.4	6.6	1967	4	27/1967
Nov	48.4	30.7	39.6	79	1/1938	-10d	29/1891	0	3	19	0	764	0	29	2.51	6.77	1992	2.55d	25-26/1915	5	2	1	2.7	15.6	1974	8	27/1975†
Dec	33.4	17.5	25.4	69	3/1970	-24	23/1989	0	12	28	3	1,227	0	2	2.23	4.99	1982	3.38	26/1942	5	1	0	7.9	22.0d	1887	11	20/1951†
<b>Tot/Ave</b>	<b>59.7</b>	<b>39.5</b>	<b>49.6</b>						<b>22</b>	<b>48</b>	<b>137</b>	<b>14</b>	<b>6,539</b>	<b>960</b>	<b>3,272</b>	<b>39.08</b>							<b>69</b>	<b>26</b>	<b>9</b>	<b>34.4</b>	

Means are based on 1961-1990 data

Heating and Cooling degree days base 65F

Growing degree days base 50F

Extremes are based on 1872-1992 data. Temperature records from 1872 through December 1931, and from Sep 1935 through Dec 1937 are from Davenport, Iowa. Extremes from Davenport, Iowa are indicated with the letter "d".

\* Date this record occurred unavailable.

M Missing

\* Records also occurred on the following dates:

Jan: Min Temp 1/2/1979 (Moline) Jul: Min Temp 7/22/1947 (Moline)  
 Feb: Min Temp 2/9/1979 (Moline) 7/30 and 31/1971 (Moline)  
 Jun: Max Temp 6/1, 2, and 29/1934 (Moline) Aug: Min Temp 8/28/1986 (Moline)  
 6/29/1936 (d) Sep: Max Temp 9/15/1939 (Moline)  
 6/25/1988 (Moline) Oct: Max Temp 10/6/1963 (Moline)  
 Min Temp 6/4/1945 (Moline) Min Temp 10/29/1952 (Moline)  
 6/11/1972 (Moline) 10/30/1988 (Moline)

Means are based on 1961-1990 data.

Extremes are for the periods listed below:

Precipitation records from 1872-1992:

Precipitation from 1872- Oct 1926, and Sep 1935- Dec 1937 are from Davenport, Iowa

All other Precipitation records are from Moline, IL.

Snowfall records from 1884-1992:

Snowfall from 1884 - Dec 1930, and Sep 1935- Dec 1937 are from Davenport, Iowa.

All other Snowfall records are from Moline, IL.

Snowdepth records are from 1948-1992, all from Moline, IL.

Extremes from Davenport, Iowa are indicated with the letter "d"

† Calendar day, except for data prior to Nov 1926. Data from 1872-Oct 1926 are taken from tables

listing greatest precipitation amounts in a 24-hour period, not necessarily calendar day.

Daily amounts between Sep 1935- Dec 1937 were unavailable to check for record amounts.

Records also occurred on the following dates:

**Snow Depth**

Jan: 1/15-19/1979

Feb: 2/10-12/1979

Nov: 11/28/1975

Dec: 12/21/1951, and 12/16/1987

Probabilities: Precipitation (in) Missing Data: 0.2%  
 Station: (115751) Moline\_WSO\_AP Years: 1961 To 1990

	1%	5%	10%	25%	50%	75%	90%	95%	99%
Ja	0.16	0.34	0.48	0.81	1.33	2.04	2.87	3.45	4.72
Fe	0.19	0.35	0.47	0.73	1.11	1.60	2.16	2.54	3.37
Ma	0.57	0.97	1.25	1.85	2.72	3.83	5.05	5.89	7.68
Ap	0.92	1.46	1.83	2.57	3.62	4.93	6.34	7.30	9.33
Ma	0.88	1.46	1.87	2.72	3.94	5.49	7.19	8.34	10.81
Jn	0.71	1.27	1.68	2.55	3.85	5.53	7.39	8.68	11.46
Ju	1.03	1.71	2.18	3.15	4.55	6.32	8.25	9.57	12.38
Au	0.25	0.64	1.00	1.90	3.46	5.72	8.43	10.38	14.72
Se	0.18	0.52	0.84	1.69	3.21	5.49	8.26	10.27	14.80
Oc	0.13	0.37	0.61	1.23	2.34	4.00	6.02	7.49	10.81
No	0.35	0.66	0.90	1.43	2.23	3.29	4.48	5.32	7.13
De	0.33	0.62	0.83	1.29	1.99	2.91	3.94	4.65	6.19
An	23.59	27.47	29.71	33.71	38.58	43.89	49.07	52.35	58.88
Wi	1.90	2.56	2.98	3.77	4.81	6.02	7.27	8.09	9.80
Sp	4.25	5.74	6.67	8.44	10.75	13.46	16.25	18.09	21.88
Su	5.96	7.65	8.68	10.60	13.05	15.85	18.69	20.54	24.31
Fa	3.02	4.32	5.15	6.79	8.98	11.61	14.37	16.20	20.03

**Growing Season Summary**  
 Station: (115751) Moline\_WSO\_AP  
 Years: 1961 To 1990 Missing Data: 0.0%

Base Temp	Date of Last Spring Occurrence					Date of First Fall Occurrence				
	Median	Early	90%	10%	Late	Median	Early	10%	90%	Late
32	4/27	4/09	4/11	5/10	5/13	10/07	9/23	9/29	10/23	11/03
28	4/13	3/22	4/01	4/28	5/10	10/25	10/02	10/05	11/07	11/13
24	4/05	3/13	3/22	4/15	4/19	11/05	10/02	10/15	11/17	11/19
20	3/23	2/17	3/10	4/05	4/11	11/17	10/26	11/01	11/28	12/02
16	3/15	2/08	2/19	3/31	4/07	11/22	10/30	11/10	12/06	12/09

Base Temp	Length of Season (Days)				
	Median	Shortest	10%	90%	Longest
32	164	140	149	184	204
28	192	161	172	213	225
24	214	189	192	235	237
20	239	215	218	256	265
16	252	220	235	276	303

AVERAGE MAXIMUM TEMPERATURE

MOLINE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1961	30.4	40.2	47.2	53.9	70.0	84.8	84.5	85.5	77.3	66.1	48.9	31.6	60.0
1962	24.7	31.4	40.6	61.3	78.1	82.0	81.4	84.7	73.7	65.6	49.2	32.9	58.8
1963	18.3	28.1	50.8	65.1	71.5	87.3	85.8	81.3	76.7	77.4	53.1	22.2	59.8
1964	37.5	36.3	43.0	61.9	78.1	83.8	86.4	82.5	76.8	64.4	54.6	32.4	61.5
1965	30.1	34.9	34.5	58.8	77.0	81.1	85.0	80.5	71.9	64.5	50.2	43.2	59.3
1966	22.7	33.5	49.6	57.2	68.0	82.0	89.8	82.8	74.5	65.1	50.4	35.0	59.2
1967	35.0	28.8	47.6	61.4	67.8	81.0	82.5	78.5	74.2	61.7	43.2	36.1	58.2
1968	29.5	32.4	54.0	62.8	68.4	83.8	84.0	84.5	74.5	64.4	45.0	31.8	59.6
1969	24.5	34.2	42.9	62.8	72.8	77.6	83.5	84.8	75.6	61.6	48.3	31.5	58.3
1970	21.3	35.1	42.4	62.1	75.9	80.5	86.7	82.9	75.3	64.3	47.2	36.9	59.2
1971	24.3	32.8	43.5	64.8	70.3	88.2	81.5	84.7	80.1	70.9	49.3	38.0	60.7
1972	27.3	30.2	45.5	58.1	75.3	81.8	84.2	83.2	76.7	59.3	42.5	29.6	57.8
1973	34.5	36.3	53.8	58.3	67.5	82.9	84.6	85.6	74.3	68.0	49.0	30.9	60.5
1974	28.3	35.3	48.3	64.8	67.5	77.9	89.1	79.7	71.9	65.7	47.2	35.4	59.3
1975	32.8	31.0	39.3	54.6	75.4	82.9	86.7	84.8	71.6	69.5	54.2	37.1	60.0
1976	29.7	46.1	51.9	64.9	69.1	82.9	87.1	84.6	76.3	57.9	41.0	30.1	60.1
1977	17.1	36.8	52.8	69.0	81.1	82.1	88.5	80.1	75.4	61.2	46.7	28.9	60.0
1978	21.4	23.8	41.6	61.8	70.0	82.4	83.5	84.9	82.0	62.3	47.6	30.4	57.6
1979	16.0	22.4	44.5	56.9	74.3	82.9	84.7	82.2	78.3	63.9	46.2	41.2	57.8
1980	30.7	27.3	42.5	60.1	75.4	80.8	88.3	85.8	77.3	60.4	49.5	34.4	59.4
1981	33.5	37.4	51.5	66.3	68.9	82.0	82.8	81.3	75.1	60.6	50.5	32.9	60.2
1982	19.9	30.0	43.2	56.4	77.5	77.6	85.1	81.4	74.8	66.5	48.0	42.5	58.6
1983	33.2	39.8	46.6	54.8	68.7	84.7	91.0	91.5	78.3	63.7	50.7	20.8	60.3
1984	27.2	43.1	38.3	57.6	69.8	84.3	84.3	87.8	73.9	65.7	49.6	40.2	60.2
1985	23.8	29.7	51.6	67.9	76.5	79.9	85.8	80.1	76.3	63.4	42.1	24.9	58.5
1986	33.5	29.5	52.7	67.5	73.9	82.3	87.5	79.2	77.4	63.4	43.6	36.2	60.6
1987	32.8	45.3	52.5	65.6	79.7	86.6	91.0	83.1	75.8	59.3	51.9	36.9	63.4
1988	28.6	31.0	49.2	63.0	78.9	87.3	91.7	89.3	79.9	58.3	48.9	38.8	62.1
1989	41.4	25.7	46.6	61.1	70.7	80.8	87.5	83.4	74.0	67.1	49.0	24.6	59.3
1990	42.5	41.0	51.7	60.4	67.3	81.5	83.6	83.7	78.5	64.7	55.4	33.2	62.0
1991	27.7	40.5	52.1	65.3	77.8	86.6	87.4	86.2	77.6	64.0	43.1	39.2	62.3
1992	37.0	41.7	51.4	60.0	75.2	82.7	79.6	79.2	73.9	64.3	42.9	35.2	60.3

Data from 1874 through December 1931 are from Davenport, Iowa, and are taken from previously published tables.

\* Davenport, Iowa data used, Moline, IL data missing. Sep 1935-Dec 1937 Davenport data were reported in whole numbers

\*\* Annual average calculated from Davenport, Iowa and Moline, IL data

## AVERAGE MAXIMUM TEMPERATURE

MOLIHE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1874	31.0	32.5	41.4	49.8	73.0	81.5	86.5	82.3	73.2	60.2	44.3	34.2	57.5
1875	16.8	19.0	36.9	55.7	69.5	76.2	81.2	78.2	69.5	56.4	41.3	41.0	53.5
1876	38.1	40.2	39.3	58.6	70.0	76.6	82.8	82.0	69.2	58.3	41.7	23.5	56.7
1877	25.4	44.7	36.0	58.3	69.7	76.9	83.9	81.3	76.0	60.5	42.2	47.6	58.5
1878	35.8	42.6	56.4	62.5	64.9	75.5	85.6	81.8	73.7	60.2	49.2	26.9	59.6
1879	26.3	33.2	47.8	59.9	72.7	77.6	86.1	79.9	70.2	68.8	47.7	32.2	58.5
1880	45.6	43.3	45.9	59.4	77.5	80.3	83.5	83.8	71.3	60.5	38.8	29.8	60.0
1881	22.9	28.3	35.2	53.3	78.4	77.6	86.4	86.6	79.8	64.1	46.8	44.3	58.6
1882	37.7	49.4	48.8	60.3	63.4	77.1	79.0	80.1	73.2	66.0	49.5	35.4	60.0
1883	24.8	33.2	42.9	62.2	65.6	76.2	82.1	78.2	71.2	57.0	50.6	40.2	57.0
1884	27.2	35.6	44.7	59.4	69.9	79.0	80.7	78.8	77.9	65.5	48.9	32.9	58.4
1885	25.8	27.2	42.3	58.0	68.5	77.6	85.6	77.7	72.5	57.6	46.4	33.0	56.0
1886	21.1	32.6	41.0	61.7	73.0	81.1	88.7	85.6	75.5	67.2	46.5	29.9	58.7
1887	26.4	35.8	44.5	64.3	77.2	83.3	88.7	82.8	75.0	57.7	48.4	33.4	59.8
1888	20.1	30.1	38.5	60.7	64.5	78.5	85.3	80.0	70.8	58.3	46.8	38.2	56.0
1889	33.6	28.1	50.4	60.5	68.7	76.3	82.8	82.7	72.3	58.5	43.5	46.9	58.7
1890	34.6	38.7	38.3	63.0	68.0	84.1	86.5	80.4	72.1	60.1	49.8	37.9	59.5
1891	33.8	34.5	35.0	60.5	68.7	79.1	79.0	79.1	80.4	62.7	39.1	41.5	57.8
1892	24.3	36.9	41.5	55.0	63.3	78.2	82.9	83.4	75.0	66.2	38.7	26.2	56.0
1893	16.6	25.2	41.6	55.2	67.0	81.0	87.3	83.9	77.8	64.3	44.5	31.8	56.4
1894	30.9	29.9	52.0	62.3	71.0	86.3	89.3	86.3	76.6	62.2	40.9	38.7	60.5
1895	24.4	23.9	43.9	63.6	72.7	83.5	83.9	85.5	78.6	57.2	42.4	34.3	57.8
1896	33.5	33.8	40.8	66.5	77.4	79.9	84.2	82.5	69.5	59.5	43.8	39.0	59.2
1897	27.6	33.8	42.6	56.9	70.1	79.9	87.2	81.1	83.6	70.5	46.6	30.6	59.2
1898	33.5	33.2	49.3	58.5	69.4	81.5	86.1	82.2	77.4	57.0	43.0	31.1	58.5
1899	32.9	25.3	36.4	62.0	71.9	81.8	84.7	85.9	74.9	69.0	54.9	32.8	59.4
1900	35.6	26.5	38.8	62.5	73.5	80.2	84.7	89.8	76.5	71.4	45.2	36.2	60.1
1901	34.0	24.4	43.3	60.1	71.2	84.7	94.7	84.6	75.3	66.3	46.0	28.7	59.4
1902	32.5	26.1	48.0	60.1	74.3	74.6	83.7	78.9	69.9	65.4	54.0	30.5	58.2
1903	32.1	31.6	51.2	61.3	73.3	75.3	84.2	79.2	73.4	63.3	44.1	29.2	58.2
1904	23.6	25.8	43.5	54.9	71.4	79.1	82.2	79.9	75.1	63.8	52.0	34.5	57.2
1905	24.0	22.9	50.0	59.4	70.9	81.3	80.4	84.8	77.2	62.2	48.6	37.6	58.3
1906	36.4	34.5	35.3	63.5	73.2	79.8	83.7	85.6	80.9	61.9	44.8	35.7	59.6
1907	31.1	35.9	52.5	51.9	64.8	77.2	83.9	81.4	73.1	61.1	47.2	38.1	58.2
1908	34.9	32.9	48.5	60.4	69.9	78.3	84.7	82.3	80.4	63.6	50.7	36.8	60.3
1909	33.1	39.7	43.5	56.7	68.9	79.5	81.3	87.6	73.3	60.3	56.2	25.1	58.8
1910	28.7	29.7	61.4	62.8	66.7	82.8	87.4	83.7	75.0	67.9	41.7	32.6	60.0
1911	33.0	39.0	50.6	56.6	78.8	87.1	87.4	82.5	76.6	59.4	40.5	39.6	60.9
1912	15.4	26.4	35.2	60.9	75.7	80.4	86.4	82.2	75.5	64.7	51.6	41.3	58.0
1913	34.7	31.4	44.6	62.4	70.4	83.4	88.9	88.5	76.0	60.4	54.4	41.1	61.4
1914	37.8	27.0	44.8	59.9	75.0	82.3	89.5	85.9	76.3	66.8	52.7	27.1	60.4
1915	26.8	39.4	39.9	69.6	67.0	76.6	80.5	76.4	75.7	66.5	52.4	32.2	58.6

## AVERAGE MAXIMUM TEMPERATURE

MOLINE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1916	34.1	29.9	44.8	58.5	70.2	74.9	94.1	87.6	74.5	63.7	50.1	30.8	59.4
1917	29.2	28.4	48.3	55.7	66.1	76.9	85.7	81.6	73.3	52.1	50.3	24.9	56.0
1918	18.1	36.5	55.8	54.1	76.1	79.8	83.7	86.9	68.8	65.8	49.2	42.1	59.7
1919	36.1	36.6	49.6	59.7	67.5	83.9	89.7	83.1	78.8	64.1	44.4	24.2	59.8
1920	24.4	31.9	50.1	52.1	70.5	82.3	83.3	82.6	79.4	69.4	44.9	36.6	59.0
1921	38.0	40.8	55.6	63.3	75.7	86.6	90.9	82.1	78.9	64.8	43.1	37.6	63.1
1922	32.1	37.9	47.0	60.1	75.5	83.5	83.5	85.3	79.9	70.2	50.4	35.6	61.8
1923	35.9	29.6	41.4	60.4	71.0	82.9	88.8	83.3	74.7	59.7	49.5	43.7	60.1
1924	25.5	33.9	40.3	62.3	65.6	76.9	81.8	81.7	70.1	71.4	49.2	26.9	57.1
1925	31.1	39.1	52.1	68.2	70.2	82.7	85.8	85.3	79.2	49.6	45.9	29.5	59.9
1926	34.4	38.8	38.9	54.6	76.7	77.6	85.5	83.8	71.8	60.5	42.5	32.1	58.1
1927	30.4	41.4	50.2	58.7	68.0	76.4	84.9	79.6	79.3	68.3	49.6	32.9	60.0
1928	33.8	38.7	49.2	56.2	75.5	75.5	85.5	84.3	72.9	65.5	47.8	38.0	60.2
1929	22.8	26.3	52.5	61.7	69.0	78.8	85.5	82.3	74.1	62.2	42.5	35.2	57.7
1930	23.5	45.4	47.9	63.9	72.7	80.6	89.3	86.0	79.9	60.6	52.1	34.4	61.4
1931	38.5	44.6	43.2	62.3	68.3	86.2	91.1	85.3	82.0	66.7	56.4	42.6	63.9
1932	36.5	43.3	37.2	61.5	75.4	84.5	87.5	83.3	76.8	61.4	45.2	34.0	60.6
1933	45.2	34.7	45.0	59.4	71.1	91.2	88.4	83.6	83.4	62.4	48.3	38.5	62.6
1934	37.7	31.8	44.1	62.5	83.3	92.2	91.4	83.4	72.8	69.0	52.9	30.6	62.6
1935	31.3	35.9	50.6	57.2	64.3	76.6	90.6	86.1	77 *	64 *	44 *	29 *	58.9**
1936	22*	20 *	50 *	57 *	78 *	83 *	97 *	91 *	78 *	62 *	46 *	41 *	60.4*
1937	29 *	33 *	42 *	57 *	73 *	80 *	88 *	88 *	78 *	61 *	45 *	31 *	58.8*
1938	30.5	41.9	55.3	62.4	71.8	80.1	88.5	87.8	79.3	71.1	50.2	35.3	62.9
1939	37.6	34.8	48.6	57.5	78.4	83.2	87.0	82.7	82.3	67.6	50.1	42.8	62.7
1940	19.4	33.8	40.5	58.7	69.2	83.6	89.3	81.7	77.4	70.1	45.8	38.0	59.0
1941	31.9	30.9	42.2	64.9	77.5	81.8	86.2	86.3	79.1	65.7	50.2	41.4	61.5
1942	31.0	30.6	48.3	67.5	70.8	80.7	85.7	82.8	73.1	66.1	49.0	28.7	59.5
1943	28.2	36.8	42.9	59.4	66.9	82.4	87.5	84.9	72.3	64.0	43.7	35.6	58.7
1944	40.8	36.9	39.8	55.4	75.6	83.5	85.4	84.2	75.9	65.3	47.7	28.2	59.9
1945	26.0	34.6	59.7	61.4	65.7	75.9	84.3	83.8	74.0	64.5	47.1	26.7	58.6
1946	33.5	39.1	59.2	65.5	67.7	80.8	86.6	79.5	77.3	70.0	50.3	40.6	62.5
1947	35.8	27.5	40.9	58.6	66.3	76.5	83.1	92.4	79.7	74.1	41.0	38.2	59.5
1948	26.1	34.1	45.5	65.8	69.0	80.3	85.8	84.6	78.7	63.2	49.2	37.2	60.0
1949	31.2	33.9	46.1	62.1	75.7	84.2	87.8	84.0	70.9	68.1	51.1	39.8	61.2
1950	36.1	32.7	40.9	53.1	72.6	79.9	82.4	78.7	74.4	71.5	43.3	26.9	57.7
1951	28.5	34.0	39.8	56.6	74.1	76.2	82.8	81.4	72.2	64.7	41.5	32.7	57.0
1952	34.3	38.5	41.7	64.2	71.4	86.7	87.3	81.9	78.8	61.8	52.0	36.2	61.2
1953	33.1	38.6	46.2	55.4	70.9	85.7	86.4	86.9	79.3	71.1	52.4	38.4	62.0
1954	32.5	46.0	43.3	64.9	67.4	85.2	87.4	81.4	79.8	63.2	50.0	35.8	61.4
1955	29.9	34.5	46.5	68.0	75.3	77.8	91.4	88.2	78.7	65.0	44.1	32.6	61.0
1956	32.2	35.7	45.9	59.0	74.5	85.5	83.6	83.9	77.1	73.1	48.0	37.1	61.3
1957	25.8	39.6	46.3	59.7	69.4	80.2	86.5	83.7	73.3	61.2	45.7	41.1	59.4
1958	28.8	25.5	43.6	60.9	75.0	75.6	80.3	84.1	75.1	67.4	51.9	31.4	58.3
1959	25.5	33.9	45.5	59.6	75.4	82.5	83.7	86.6	76.5	58.0	40.4	41.0	59.1
1960	32.3	29.2	30.2	63.1	68.4	77.6	84.0	84.0	79.3	65.4	51.2	32.8	58.1

## AVERAGE MINIMUM TEMPERATURE

MOLINE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1874	16.4	18.1	27.5	33.1	55.2	63.9	68.5	66.5	57.7	45.6	29.6	20.3	41.9
1875	0.0	-0.2	22.9	37.0	50.8	60.3	67.1	61.5	53.9	41.3	25.4	27.0	37.3
1876	21.7	21.2	24.5	42.8	53.7	62.4	67.8	67.3	56.5	41.0	29.9	7.0	41.3
1877	7.0	29.4	20.5	41.0	52.6	60.6	66.3	64.5'	58.9	47.3	31.7	36.5	43.0
1878	24.2	30.7	40.1	46.6	48.8	58.8	69.8	66.5	56.6	44.5	35.6	14.3	44.7
1879	10.3	16.5	31.3	41.3	52.9	60.7	67.9	63.2	50.9	52.3	32.7	16.6	41.4
1880	30.1	24.8	29.1	41.7	58.2	65.0	66.8	67.0	55.3	42.9	23.4	16.0	43.4
1881	4.2	11.3	22.4	36.4	59.2	61.5	68.3	67.2	60.2	48.4	31.5	30.7	41.8
1882	18.1	29.7	29.3	40.1	45.4	60.0	61.9	64.8	56.3	49.1	34.2	19.4	42.4
1883	2.7	10.5	22.5	38.6	45.3	57.7	62.3	58.3	48.2	40.5	29.3	19.1	36.3
1884	5.3	13.1	22.8	36.4	48.2	58.0	59.8	57.9	61.8	49.6	31.7	19.0	38.6
1885	8.4	8.0	26.0	41.7	48.5	59.5	66.1	59.7	55.3	41.0	31.6	18.2	38.7
1886	6.3	15.4	25.6	43.5	52.9	59.3	65.0	65.2	57.0	45.8	27.4	8.8	39.4
1887	2.7	14.9	26.9	40.8	56.5	62.4	67.2	61.8	55.8	38.9	28.9	16.2	39.4
1888	0.6	12.0	22.3	38.9	46.4	61.7	67.0	62.5	50.7	40.4	33.5	25.9	38.5
1889	19.2	11.9	31.7	41.0	51.3	57.6	64.9	61.5	53.4	39.5	29.7	32.4	41.2
1890	18.6	24.1	21.6	42.2	47.9	64.6	65.9	60.1	51.4	44.1	34.1	22.9	41.5
1891	21.9	18.2	22.6	43.2	47.9	62.1	59.5	61.0	59.0	43.5	25.8	28.0	41.1
1892	9.0	25.2	25.7	39.3	48.8	61.1	65.2	63.3	56.2	45.1	27.4	14.6	40.1
1893	1.6	9.5	26.9	39.0	48.2	62.9	66.4	60.4	55.0	45.1	27.9	16.8	38.3
1894	17.4	14.3	34.8	43.8	51.9	63.6	64.5	62.8	57.6	44.8	27.0	26.3	42.4
1895	6.4	6.4	25.4	43.2	52.5	62.7	62.9	64.5	59.6	37.6	30.5	23.3	39.6
1896	19.6	19.6	25.2	47.7	59.3	61.5	64.9	63.7	51.8	40.0	27.7	26.5	42.3
1897	14.1	22.1	27.8	41.2	49.1	60.9	67.5	60.5	60.8	47.8	28.9	15.2	41.3
1898	19.1	19.9	31.8	40.2	52.9	64.0	65.5	63.9	58.8	43.0	26.2	15.4	41.7
1899	15.0	7.4	21.7	42.6	53.1	63.1	65.6	65.3	53.8	49.3	37.9	18.8	41.1
1900	20.9	9.4	22.9	42.7	54.4	60.7	64.9	69.9	57.3	52.2	30.0	22.6	42.3
1901	19.3	7.0	28.3	40.9	51.4	63.7	71.2	63.8	55.5	45.0	27.5	16.8	40.9
1902	15.5	8.8	32.5	38.9	55.6	58.0	66.2	61.9	52.0	46.3	39.0	18.0	41.1
1903	17.7	15.6	33.9	42.1	55.2	56.9	64.6	62.2	54.3	45.0	28.4	11.6	40.6
1904	9.2	8.7	28.6	36.2	51.4	58.9	63.6	60.0	56.0	45.1	32.6	18.9	39.1
1905	7.4	6.2	33.9	40.3	51.1	61.6	63.7	65.7	58.6	43.1	30.8	21.4	40.3
1906	20.3	17.9	23.2	43.7	52.4	59.9	63.3	66.8	60.4	43.3	31.5	22.7	42.1
1907	17.1	19.2	34.9	34.1	44.9	58.6	66.7	62.6	54.9	42.3	30.3	25.5	40.9
1908	18.3	19.3	32.0	40.5	52.5	59.4	65.5	62.1	58.4	43.7	32.4	20.6	42.1
1909	16.7	22.3	28.0	36.9	49.4	61.2	63.8	67.0	53.9	41.0	37.4	10.6	40.7
1910	13.7	12.2	38.4	41.3	47.8	60.2	66.5	64.2	55.8	46.3	26.0	17.6	40.8
1911	15.8	23.0	30.8	39.7	57.1	65.1	66.0	62.2	57.7	42.7	24.0	26.4	42.5
1912	0.5	12.5	19.3	41.6	54.0	58.4	65.7	63.4	57.3	44.4	33.0	23.4	39.5
1913	16.5	14.5	24.9	42.0	51.4	62.2	67.3	66.5	55.9	42.8	38.4	29.3	42.6
1914	23.5	10.3	27.9	40.2	53.6	62.5	67.8	64.1	56.5	49.1	33.2	12.5	41.8
1915	11.3	26.9	26.2	47.4	47.8	56.6	63.3	57.9	57.7	45.1	33.5	20.0	41.1



AVERAGE MINIMUM TEMPERATURE

MOLINE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1916	14.4	14.7	26.9	40.2	52.4	56.7	71.1	66.2	53.4	43.9	32.3	13.8	40.5
1917	11.5	7.8	28.9	37.8	46.1	58.4	65.8	60.8	54.1	35.7	34.1	11.4	37.7
1918	2.0	17.0	33.7	37.1	56.4	60.7	64.5	66.8	49.0	46.4	35.1	28.9	41.5
1919	19.5	19.7	30.3	42.2	48.8	65.3	68.8	62.9	58.7	45.1	28.9	10.8	41.8
1920	9.9	17.9	30.5	35.8	50.5	62.3	63.4	62.7	58.3	51.4	30.8	22.7	41.4
1921	24.5	24.8	34.0	44.3	55.4	66.9	70.9	64.7	59.7	46.3	30.6	23.3	45.5
1922	13.8	18.1	32.6	41.7	56.6	63.3	65.0	65.3	57.9	46.9	37.4	18.5	43.1
1923	22.4	12.9	21.8	38.8	50.5	64.4	68.1	62.5	56.6	41.4	34.4	29.9	42.0
1924	8.9	20.5	28.1	42.2	46.2	59.0	62.3	63.8	50.8	48.5	31.9	12.2	39.5
1925	13.8	22.3	29.7	45.1	46.5	62.5	64.5	63.6	61.2	35.5	28.6	15.3	40.7
1926	17.2	25.6	23.1	35.1	51.6	57.1	65.9	65.3	56.7	44.3	28.0	17.9	40.7
1927	15.7	26.2	34.5	41.7	50.6	58.4	64.3	59.7	60.1	47.2	34.0	15.7	42.3
1928	18.4	23.2	30.7	37.5	52.8	57.9	66.5	65.1	52.2	47.5	35.0	24.6	42.6
1929	4.6	9.9	34.2	44.2	50.2	59.2	65.9	62.4	55.1	44.1	26.8	21.6	39.9
1930	6.2	29.0	28.8	42.7	52.8	61.3	67.8	65.2	57.9	43.7	33.5	21.5	42.5
1931	24.3	28.9	29.2	42.3	48.4	66.8	69.4	63.8	62.9	51.2	41.2	31.6	46.7
1932	22.3	23.2	20.6	37.1	50.4	61.0	63.4	61.1	48.5	38.7	23.2	15.6	38.8
1933	24.3	12.7	27.8	37.8	52.2	64.0	63.6	58.5	57.1	37.6	27.1	19.4	40.2
1934	22.2	12.7	23.6	38.3	53.4	64.0	66.9	60.0	52.2	43.6	35.7	14.3	40.6
1935	14.2	22.4	31.5	37.2	45.3	56.3	67.6	62.2	57 *	44 *	30 *	17 *	40.4**
1936	8 *	3 *	32 *	38 *	58 *	60 *	73 *	68 *	61 *	45 *	29 *	25 *	41.7*
1937	12 *	17 *	28 *	41 *	54 *	62 *	68 *	70 *	56 *	43 *	28 *	20 *	41.6*
1938	14.2	27.0	34.2	42.5	51.0	58.0	65.5	64.8	55.7	46.1	30.7	18.7	42.4
1939	21.7	14.1	27.3	35.8	53.2	61.1	64.4	59.2	55.4	40.9	29.1	23.4	40.5
1940	0.7	18.6	24.1	36.8	46.3	61.5	64.5	62.5	51.2	43.9	26.3	25.0	38.5
1941	19.2	13.9	24.9	43.9	54.2	61.4	63.9	63.2	55.9	45.3	33.5	26.8	42.2
1942	14.0	18.6	30.7	43.1	50.7	61.4	64.4	60.6	52.9	40.4	30.4	13.3	40.0
1943	11.2	17.8	21.7	36.9	48.8	64.1	64.3	64.7	50.2	40.4	26.3	18.2	38.7
1944	19.4	17.8	25.5	37.3	56.7	63.7	62.1	62.7	56.5	41.5	37.3	12.3	41.1
1945	10.3	20.8	37.8	41.8	45.5	57.1	60.1	62.5	53.8	41.7	30.1	12.7	39.5
1946	17.7	19.9	36.9	41.5	47.8	59.5	63.1	58.8	52.4	45.6	31.2	22.3	41.4
1947	18.1	12.7	24.1	38.9	46.7	58.2	61.4	69.6	56.6	51.1	26.6	22.2	40.5
1948	8.9	14.7	25.6	44.7	46.5	57.7	64.4	62.7	56.5	39.0	33.4	20.7	39.6
1949	14.8	15.8	28.1	36.7	52.1	63.1	68.6	63.0	47.0	45.9	32.5	22.1	40.8
1950	15.7	16.6	24.8	34.0	51.4	59.2	59.8	58.2	53.8	46.8	24.2	11.3	38.0
1951	12.6	17.1	23.7	38.0	52.5	58.2	63.0	61.5	51.4	44.5	23.7	14.1	38.4
1952	15.9	24.3	25.2	40.0	49.7	64.7	65.5	60.2	50.6	31.4	30.7	24.7	40.2
1953	17.5	21.2	28.4	36.3	50.0	62.9	65.4	61.7	51.4	44.6	33.1	21.5	41.2
1954	14.0	26.5	24.7	42.4	44.8	64.0	65.0	62.6	55.2	43.0	31.4	22.3	41.3
1955	14.0	16.0	25.5	46.0	52.3	57.8	69.5	65.4	54.1	42.1	24.3	15.7	40.2
1956	13.2	18.1	26.2	35.2	50.7	62.4	62.8	62.7	49.7	44.8	28.8	20.7	39.6
1957	7.3	25.4	27.6	41.0	49.8	60.5	66.8	62.6	50.4	38.3	30.4	24.5	40.4
1958	15.6	7.9	27.8	40.1	49.4	57.0	62.3	62.8	53.6	44.6	32.0	12.9	38.8
1959	5.9	17.4	28.3	39.1	55.2	61.4	62.6	67.8	56.0	41.7	22.3	28.4	40.5
1960	19.0	15.4	9.5	43.6	49.3	59.3	61.6	63.5	57.9	42.1	31.7	14.5	39.0

## AVERAGE MINIMUM TEMPERATURE

NOLINE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1961	11.8	21.2	31.3	34.6	46.1	58.9	63.8	62.3	54.8	44.7	32.7	14.4	39.7
1962	7.6	16.0	24.5	37.3	57.6	59.2	61.8	61.0	49.6	44.8	28.8	13.4	38.5
1963	1.1	7.6	31.3	40.6	48.4	59.7	63.7	60.2	53.1	51.3	33.0	5.4	38.0
1964	19.2	17.6	25.7	41.1	54.5	60.7	66.7	59.1	54.3	36.9	33.8	17.1	40.6
1965	12.7	16.5	19.2	39.5	54.8	58.1	64.7	61.7	55.1	42.7	31.1	25.8	40.2
1966	5.8	16.1	28.7	36.7	44.5	58.9	66.0	58.4	51.2	39.9	32.9	21.2	38.4
1967	17.0	8.6	30.4	41.7	45.0	60.8	60.2	56.9	49.9	42.5	28.9	20.8	38.6
1968	12.5	13.0	29.8	39.7	45.9	60.3	62.2	62.5	51.7	41.9	29.5	17.2	38.9
1969	11.2	21.6	21.5	40.3	50.6	56.6	66.5	62.6	54.2	41.8	27.5	17.1	39.3
1970	4.8	14.3	24.7	41.5	53.8	60.8	64.7	62.8	55.1	43.5	31.2	20.9	39.8
1971	5.2	19.0	25.9	36.9	45.6	65.0	59.9	59.1	57.2	48.8	30.7	25.2	39.9
1972	9.9	11.1	26.5	37.9	50.7	56.9	64.9	64.7	56.6	41.0	32.0	15.0	38.9
1973	19.6	21.0	37.0	41.1	47.7	61.6	65.2	64.6	57.0	46.6	31.8	16.4	42.5
1974	14.9	18.3	28.7	41.8	50.0	57.0	65.5	60.9	48.8	41.6	33.0	21.7	40.2
1975	17.0	19.0	21.9	35.6	52.1	61.6	63.2	65.3	50.1	42.8	35.8	23.4	40.7
1976	8.5	24.3	30.5	40.8	45.8	58.0	64.4	58.9	49.7	35.7	19.2	9.0	37.1
1977	-0.8	17.3	34.4	44.2	56.7	57.9	66.5	61.8	55.6	41.1	30.7	14.5	40.0
1978	3.3	4.4	24.4	39.8	50.4	59.6	64.5	61.5	56.4	40.7	30.7	14.9	37.6
1979	-3.5	3.9	28.0	37.9	49.5	59.5	62.2	61.7	50.2	40.2	27.8	22.1	36.6
1980	16.0	11.0	24.5	38.0	50.0	57.5	66.9	65.7	54.1	36.8	29.8	18.8	39.1
1981	13.3	16.8	27.3	42.3	46.1	59.9	63.8	61.0	51.8	39.2	31.7	17.6	39.2
1982	1.3	12.8	26.0	32.9	54.7	54.7	65.6	61.1	53.6	42.8	30.4	28.0	38.7
1983	20.5	24.1	31.1	36.2	46.9	61.0	67.8	67.6	52.9	42.4	35.1	7.2	41.1
1984	11.9	25.8	24.1	40.5	46.6	62.9	61.9	62.6	51.9	44.5	29.0	22.0	40.3
1985	4.7	13.8	33.4	46.2	53.3	58.8	62.6	59.2	55.9	43.7	28.3	4.9	38.7
1986	16.6	16.2	32.2	41.6	52.1	61.1	67.6	57.4	57.1	43.3	26.0	23.8	41.3
1987	17.6	23.5	31.8	39.5	53.9	62.6	67.8	62.7	52.9	35.5	36.0	25.0	42.4
1988	11.7	12.3	28.2	38.1	49.2	58.8	64.6	66.2	54.1	36.3	31.6	19.2	39.2
1989	23.9	9.1	27.3	38.6	46.8	57.5	64.9	61.0	49.8	42.0	28.1	6.6	38.0
1990	22.9	21.6	33.9	39.6	47.2	61.1	64.7	63.7	55.3	38.6	33.0	15.9	41.5
1991	9.1	22.8	31.4	43.0	56.8	62.5	63.2	61.6	52.0	42.6	24.6	22.7	41.0
1992	21.2	26.9	31.2	38.3	46.8	54.5	61.3	55.6	51.1	40.0	32.1	19.5	39.9

Monthly and annual temperatures from 1874 through 1931 are from Davenport, Iowa, and are taken from previously published tables.

\* Davenport, Iowa used, Moline, IL data missing. Sep 1935 through Dec 1937 Davenport data were reported in whole numbers.

\*\* Annual average calculated from Davenport, Iowa data and Moline, IL data

AVERAGE TEMPERATURE

MOLINE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1872	22.6	27.1	32.3	50.0	61.7	72.5	75.5	74.2	64.8	51.6	32.4	18.2	48.6
1873	17.1	23.4	36.5	46.9	59.1	77.7	75.2	78.1	62.3	48.3	33.5	29.6	49.0
1874	23.7	25.9	34.3	41.2	64.3	72.6	77.5	74.3	65.1	52.3	36.3	27.9	49.6
1875	9.4	10.4	30.1	45.7	60.5	68.4	73.6	69.3	61.7	48.6	33.4	34.5	45.5
1876	29.9	30.1	32.1	50.6	62.1	69.0	75.4	74.6	62.5	49.2	35.2	15.4	48.8
1877	16.8	36.3	28.7	49.4	61.6	69.1	75.0	72.5	67.1	53.5	37.1	42.5	50.8
1878	30.1	36.7	48.2	54.7	57.5	68.0	78.0	74.0	65.1	51.8	42.3	20.3	52.2
1879	18.4	25.5	39.5	50.5	63.8	69.5	76.9	71.7	60.5	59.8	39.9	23.8	50.0
1880	37.6	32.9	37.0	49.7	67.2	72.2	74.5	74.5	62.8	50.7	30.7	21.8	51.0
1881	13.8	19.9	28.8	44.6	69.0	69.7	77.6	77.2	69.7	56.5	39.7	38.2	50.4
1882	28.9	40.3	40.3	51.3	55.6	68.6	70.5	72.2	64.4	57.7	42.2	28.2	51.7
1883	15.5	24.4	34.7	51.7	57.0	68.3	73.7	69.8	60.9	50.3	41.7	31.1	48.3
1884	18.8	26.9	36.4	50.1	61.2	70.3	71.8	70.0	69.5	57.2	40.3	25.1	49.8
1885	16.9	17.3	34.3	49.4	57.8	68.2	75.5	68.0	63.0	48.2	38.1	25.6	46.9
1886	13.3	23.1	33.0	52.0	62.4	70.2	76.3	74.4	65.5	55.7	35.1	17.5	48.2
1887	13.2	23.8	34.3	52.3	67.1	73.0	78.0	72.2	64.4	47.5	37.3	24.1	48.9
1888	9.7	20.8	30.1	49.5	55.2	69.6	77.3	72.4	61.5	50.0	40.5	32.6	47.4
1889	26.4	20.0	41.0	50.8	60.0	67.0	73.8	72.1	62.8	49.0	36.6	39.6	49.9
1890	26.6	31.4	30.0	52.6	58.0	74.4	76.2	70.2	61.8	52.1	42.0	30.4	50.5
1891	27.8	26.4	28.8	51.8	58.3	70.6	69.2	70.0	69.7	53.1	32.4	34.8	49.4
1892	16.6	31.0	33.6	47.2	56.0	69.6	74.0	73.4	65.6	55.6	33.0	20.4	48.0
1893	9.1	17.4	34.2	47.1	57.6	72.0	76.8	72.2	66.4	54.7	36.2	24.3	47.3
1894	24.2	22.1	43.4	53.0	61.4	75.0	76.9	74.6	67.1	53.5	34.0	32.5	51.5
1895	15.4	15.2	34.6	53.4	62.6	73.1	73.4	75.0	69.1	47.4	36.4	28.8	48.7
1896	26.6	26.7	33.0	57.1	68.4	70.7	74.6	73.1	60.6	49.8	35.8	32.8	50.8
1897	20.8	28.0	35.2	49.0	59.6	70.4	77.4	70.8	72.2	59.2	37.8	22.9	50.3
1898	26.3	26.6	40.6	49.4	61.2	72.8	75.8	73.0	68.1	50.0	34.6	23.2	50.1
1899	24.0	16.4	29.0	52.3	62.5	72.4	75.2	75.6	64.4	59.2	46.4	25.8	50.3
1900	28.2	18.0	30.8	52.6	64.0	70.4	74.8	79.8	66.9	61.8	37.6	29.4	51.2
1901	26.6	15.7	35.8	50.5	61.3	74.2	83.0	74.2	65.4	55.6	36.8	22.8	50.2
1902	24.0	17.4	40.2	49.5	65.0	66.3	75.0	70.4	61.0	55.8	46.5	24.2	49.6
1903	24.9	23.6	42.6	51.7	64.2	66.1	74.4	70.7	63.8	54.2	36.2	20.4	49.4
1904	16.4	17.2	36.0	45.6	61.4	69.0	72.9	70.0	65.6	54.4	42.3	26.7	48.1
1905	15.7	14.6	42.0	49.8	61.0	71.4	72.0	75.2	67.9	52.6	39.7	29.5	49.3
1906	28.4	26.2	29.2	53.6	62.8	69.8	73.5	76.2	70.6	52.6	38.2	29.2	50.9
1907	24.1	27.6	43.7	43.0	54.8	67.9	75.3	72.0	64.0	51.7	38.8	31.8	49.6
1908	26.6	26.1	40.2	50.4	61.2	68.8	75.1	72.2	69.4	53.6	41.6	28.7	51.2
1909	24.9	31.0	35.8	46.8	59.2	70.4	72.6	77.3	63.6	50.6	46.8	17.8	49.7
1910	21.2	21.0	49.9	52.0	57.2	71.5	77.0	74.0	65.4	57.1	33.8	25.1	50.4
1911	24.4	31.0	40.7	48.2	68.0	76.1	76.7	72.4	67.2	51.0	32.2	33.0	51.7
1912	8.0	19.4	27.2	51.2	64.8	69.4	76.0	72.8	66.4	54.6	42.3	32.4	48.7
1913	25.6	23.0	34.8	52.2	60.9	72.8	78.1	77.5	66.0	51.6	46.4	35.2	52.0
1914	30.6	18.6	36.4	50.0	64.3	72.4	78.6	75.0	66.4	58.0	43.0	19.8	51.1
1915	19.0	33.2	33.0	58.5	57.4	66.6	71.9	67.2	66.7	55.8	43.0	26.1	49.9

AVERAGE TEMPERATURE

MINE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1916	24.2	22.3	35.8	49.4	61.3	65.8	82.6	76.9	64.0	53.8	41.2	22.3	50.0
1917	20.4	18.1	38.6	46.8	56.1	67.6	75.8	71.2	63.7	43.9	42.2	18.2	46.9
1918	10.0	26.8	44.8	45.6	66.2	70.2	74.1	76.8	58.9	56.1	42.2	35.5	50.6
1919	27.8	28.2	40.0	51.0	58.2	74.6	79.2	73.0	68.8	54.6	36.6	17.5	50.8
1920	17.2	24.9	40.3	44.0	60.5	72.3	73.4	72.6	68.8	60.4	37.8	29.6	50.2
1921	31.2	32.8	44.8	53.8	65.6	76.8	80.9	73.4	69.3	55.6	36.8	30.4	54.3
1922	23.0	28.0	39.8	50.9	66.0	73.4	74.2	75.3	68.9	58.6	43.9	27.0	52.4
1923	29.2	21.2	31.6	49.6	60.8	73.6	78.4	72.9	65.6	50.6	42.0	36.8	51.0
1924	17.2	27.2	34.2	52.2	55.9	68.0	72.0	72.8	60.4	60.0	40.6	19.6	48.3
1925	22.4	30.7	40.9	56.6	58.4	72.6	75.2	74.4	70.2	42.6	37.2	22.4	50.3
1926	25.8	32.2	31.0	44.8	64.2	67.4	75.7	74.6	64.2	52.4	35.2	25.0	49.4
1927	23.0	33.8	42.4	50.2	59.3	67.4	74.6	69.6	69.7	57.8	41.8	24.3	51.2
1928	26.1	31.0	40.0	46.8	64.2	66.7	76.0	74.7	62.6	56.5	41.4	31.3	51.4
1929	13.7*	18.1*	43.4*	53.0*	59.6*	69.0*	75.7*	72.4*	64.6*	51.6	33.6	26.4	48.4**
1930	12.4	35.6	37.6	51.8	61.3	69.4	76.1	73.5	66.1	50.5	41.1	26.2	50.1
1931	29.7	34.8	34.6	50.2	56.6	74.6	73.2	72.1	71.2	57.4	47.4	35.6	53.1
1932	29.4	33.2	28.9	49.3	62.9	72.8	75.4	72.2	62.6	50.0	34.2	24.8	49.6
1933	34.8	23.7	36.4	48.6	61.6	77.6	76.0	71.0	70.2	50.0	37.7	29.0	51.4
1934	30.0	22.2	33.8	50.4	68.4	78.1	79.2	71.7	62.5	56.3	44.3	22.4	51.6
1935	22.8	29.2	41.0	47.2	54.8	66.4	79.1	74.2	67.2*	54.0*	37.0*	23.0*	49.7**
1936	14.6*	11.6*	40.8*	47.4*	67.7*	71.4*	85.0*	80.0*	69.2*	53.8*	37.4*	33.0*	51.0*
1937	20.4*	25.0*	35.0*	49.2*	63.6*	71.1*	77.8*	79.1*	66.8*	52.1*	36.3*	25.4*	50.2*
1938	22.4	34.4	44.8	52.4	61.4	69.0	77.0	76.3	67.5	58.6	40.4	27.0	52.6
1939	29.6	24.4	38.0	46.6	65.8	72.2	75.7	71.0	68.8	54.2	39.6	33.1	51.6
1940	10.0	26.2	32.3	47.8	57.8	72.6	76.9	72.1	64.3	57.0	36.0	31.5	48.7
1941	25.6	22.4	33.6	54.4	65.8	71.6	75.0	74.8	67.5	55.5	41.9	34.1	51.9
1942	22.5	24.6	39.5	55.3	60.8	71.0	75.0	71.7	63.0	53.2	39.7	21.0	49.8
1943	19.6	27.3	32.3	48.2	57.8	73.2	75.9	74.8	61.2	52.2	35.0	26.9	48.7
1944	30.1	27.4	32.6	46.4	66.2	73.6	73.8	73.4	66.2	53.4	42.5	20.2	50.5
1945	18.2	27.7	48.8	51.6	55.6	66.5	72.2	73.2	63.9	51.0	38.6	19.7	48.9
1946	25.6	29.5	48.0	53.5	57.8	70.2	74.8	69.2	64.8	57.8	40.8	31.4	52.0
1947	27.0	20.1	32.5	48.8	56.5	67.4	72.2	81.0	68.2	62.6	33.8	30.2	50.0
1948	17.5	24.4	35.6	55.2	57.8	69.0	75.1	73.7	67.6	51.1	41.3	29.0	49.8
1949	23.0	24.9	37.1	49.4	63.9	73.7	78.2	73.5	59.0	57.0	41.8	31.0	51.0
1950	25.9	24.7	32.9	43.6	62.0	69.6	71.1	68.5	64.1	59.2	33.8	19.1	47.9
1951	20.6	25.6	31.8	47.3	63.3	67.2	72.9	71.5	61.8	54.6	32.6	23.4	47.7
1952	25.1	31.4	33.5	52.1	60.6	75.7	76.4	71.1	64.7	46.6	41.4	30.5	50.8
1953	25.3	30.0	37.3	45.9	60.5	74.3	75.9	74.3	65.4	57.9	42.8	30.0	51.6
1954	23.3	36.3	34.0	53.7	56.1	74.6	76.2	72.0	67.5	53.1	40.7	29.1	51.4
1955	22.0	25.3	36.0	57.0	63.8	67.8	80.5	76.8	66.4	53.6	34.2	24.2	50.6
1956	22.7	26.9	36.1	47.1	62.6	74.0	73.2	73.3	63.4	59.0	38.4	28.9	50.5
1957	16.6	32.5	37.0	50.4	59.6	70.4	76.7	73.2	61.9	49.8	38.1	32.8	49.9
1958	22.2	16.7	35.7	50.5	62.2	66.3	71.3	73.5	64.4	56.0	42.0	22.2	48.6
1959	15.7	25.7	36.9	49.4	65.3	72.0	73.2	77.2	66.3	49.9	31.4	34.7	49.8
1960	25.7	22.3	19.9	53.4	58.9	68.5	72.8	73.8	68.6	53.8	41.5	23.7	48.6

## AVERAGE TEMPEEATURE

MOLINE, IL

YEAR	JAN	FEB	MR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1961	21.1	30.7	39.3	44.3	58.1	71.9	74.2	73.9	66.1	55.4	40.8	23.0	49.9
1962	16.2	23.7	32.6	49.3	67.9	70.6	71.6	72.9	61.7	55.2	39.0	23.2	48.7
1963	9.7	17.9	41.1	52.9	60.0	73.5	74.8	70.8	64.9	64.4	43.1	13.8	48.9
1964	28.4	27.0	34.4	51.5	66.3	72.3	76.6	70.8	65.6	50.7	44.2	24.8	51.1
1965	21.4	25.7	26.9	49.2	65.9	69.6	74.9	71.1	63.5	53.6	40.7	34.5	49.8
1966	14.3	24.8	39.2	47.0	56.3	70.5	77.9	70.6	62.9	52.5	41.7	28.1	48.8
1967	26.0	18.7	39.0	51.6	56.4	70.9	71.4	67.7	62.1	52.1	36.1	28.5	48.4
1968	21.0	22.7	41.9	51.3	57.2	72.1	73.1	73.5	63.1	53.2	37.3	24.5	49.2
1969	17.9	27.9	32.2	51.6	61.7	67.1	75.0	73.7	64.9	51.7	37.9	24.3	48.8
1970	13.1	24.7	33.6	51.8	64.9	70.7	75.7	72.9	65.2	53.9	39.2	28.9	49.6
1971	14.8	25.9	34.7	50.9	58.0	76.6	70.7	71.9	68.7	59.9	40.0	31.6	50.3
1972	18.6	20.7	36.0	48.0	63.0	69.4	74.6	74.0	66.7	50.2	37.3	22.3	48.4
1973	27.1	28.7	45.4	49.7	57.6	72.3	74.9	75.1	65.7	57.3	40.4	23.7	51.5
1974	21.6	26.8	38.5	53.3	58.8	67.5	77.3	70.3	60.4	53.7	40.1	28.6	49.7
1975	24.9	25.0	30.6	45.1	63.8	72.3	75.0	75.1	60.9	56.2	45.0	30.3	50.4
1976	19.1	35.2	41.2	52.9	57.5	70.5	75.8	71.8	63.0	46.8	30.1	19.6	48.6
1977	8.2	27.1	43.6	56.6	68.9	70.0	77.5	71.0	65.5	51.2	38.7	21.7	50.0
1978	12.4	14.1	33.0	50.8	60.2	71.0	74.0	73.2	69.2	51.5	39.2	22.7	47.6
1979	6.3	13.2	36.3	47.4	61.9	71.2	73.5	72.0	64.3	52.1	37.0	31.7	47.2
1980	23.4	19.2	33.5	49.1	62.7	69.2	77.6	75.8	65.7	48.6	39.7	26.6	49.3
1981	23.4	27.1	39.4	54.3	57.5	71.0	73.3	71.2	63.5	49.9	41.1	25.3	49.8
1982	10.6	21.4	34.6	44.7	66.1	66.2	75.4	71.3	64.2	54.7	39.2	35.3	48.6
1983	26.9	32.0	38.9	45.5	57.8	72.9	79.4	79.6	65.6	53.1	42.9	14.0	50.7
1984	19.6	34.5	31.2	49.1	58.2	73.6	73.1	75.2	62.9	55.1	39.3	31.1	50.2
1985	14.3	21.8	42.5	57.1	64.9	69.4	74.2	69.7	66.1	53.6	35.2	14.9	48.6
1986	25.1	22.9	42.5	54.6	63.0	71.7	77.6	68.3	67.3	53.4	34.8	30.0	50.9
1987	25.2	34.4	42.2	52.6	66.8	74.6	79.4	72.9	64.4	47.4	44.0	31.0	52.9
1988	20.2	21.7	38.7	50.6	64.1	73.1	78.2	77.8	67.0	47.3	40.3	29.0	50.7
1989	32.7	17.4	37.0	49.9	58.8	69.2	76.2	72.2	61.9	54.6	38.6	15.6	48.7
1990	32.7	31.3	42.8	50.0	57.3	71.3	74.2	73.7	66.9	51.7	44.2	24.6	51.7
1991	18.4	31.7	41.8	54.2	67.3	74.6	75.3	73.9	64.8	53.3	33.9	31.0	51.7
1992	29.1	34.3	41.3	49.2	61.0	68.6	70.5	67.4	62.5	52.2	37.5	27.4	50.1

Monthly and annual data from 1872 through September 1929 are from Davenport, Iowa and are taken from previously published tables.

Mean temperatures, 1872 to 1888, determined from observations taken at 6am, 2pm, and 10pm; 1889 to September 1929, from maximum and minimum temperatures.

\* Davenport, Iowa data used, Holine, IL data missing

\*\* Annual average calculated from Davenport, Iowa data and Holine, IL data

## COOLING DEGREE DAYS

HOLIHE, IL

YEAR	COOLING DEGREE DAYS												ANNUAL TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1872	0	0	0	0	46	225	326	285	97	0	0	0	979'
1873	0	0	0	0	3	381	316	406	57	0	0	0	1,163'
1874	0	0	0	0	89	228	388	288	102	0	0	0	1,095'
1875	0	0	0	0	26	154	267	171	48	0	0	0	666'
1876	0	0	0	0	52	164	322	298	60	0	0	0	896'
1877	0	0	0	0	44	165	310	233	133	0	0	0	885'
1878	0	0	0	0	0	148	403	279	102	0	0	0	932'
1879	0	0	0	0	80	172	369	208	29	15	0	0	873'
1880	0	0	0	0	136	216	295	295	65	0	0	0	1,007'
1881	0	0	0	0	166	175	391	379	175	0	0	0	1,286'
1882	0	0	0	0	0	157	190	223	91	0	0	0	661'
1883	0	0	0	0	0	153	270	179	35	0	0	0	637'
1884	0	0	0	0	38	184	211	182	172	0	0	0	787'
1885	0	0	0	0	0	151	326	149	68	0	0	0	694'
1886	0	0	0	0	57	183	350	291	108	0	0	0	989'
1887	0	0	0	0	135	240	403	223	91	0	0	0	1,092'
1888	0	0	0	0	0	173	381	229	44	0	0	0	827'
1889	0	0	0	0	18	132	273	220	65	0	0	0	708'
1890	0	0	0	0	0	282	347	185	49	0	0	0	863'
1891	0	0	0	0	0	189	169	182	175	0	0	0	715'
1892	0	0	0	0	0	173	279	260	110	0	0	0	822'
1893	0	0	0	0	0	210	366	223	122	0	0	0	921'
1894	0	0	0	0	41	300	369	298	133	0	0	0	1,141'
1895	0	0	0	0	61	243	260	310	165	0	0	0	1,039'
1896	0	0	0	0	156	191	298	251	30	0	0	0	926'
1897	0	0	0	0	11	186	384	195	216	5	0	0	997'
1898	0	0	0	0	38	234	335	248	149	0	0	0	1,004'
1899	0	0	0	0	59	222	316	329	91	5	0	0	1,022'
1900	0	0	0	0	84	186	304	459	130	47	0	0	1,210'
1901	0	0	0	0	39	276	558	285	106	0	0	0	1,264'
1902	0	0	0	0	100	121	310	189	36	0	0	0	756'
1903	0	0	0	0	87	118	291	194	81	0	0	0	771'
1904	0	0	0	0	41	164	245	182	110	0	0	0	742'
1905	0	0	0	0	34	192	217	316	146	0	0	0	905'
1906	0	0	0	0	64	176	264	347	189	0	0	0	1,040'
1907	0	0	0	0	0	146	319	217	84	0	0	0	766'
1908	0	0	0	0	38	160	313	223	170	0	0	0	904'
1909	0	0	0	0	5	186	236	381	78	0	0	0	886'
1910	0	0	0	0	0	195	372	279	106	0	0	0	952'
1911	0	0	0	0	149	333	363	229	135	0	0	0	1,209'
1912	0	0	0	0	97	170	341	242	122	0	0	0	972'
1913	0	0	0	0	33	234	406	388	116	0	0	0	1,177'
1914	0	0	0	0	89	222	422	310	122	0	0	0	1,165'
1915	0	0	0	0	0	125	214	136	127	0	0	0	602'

## COOLING DEGREE DAYS

HOLINE, IL

YEAH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1916	0	0	0	0	39	113	546	369	84	0	0	0	1,151'
1917	0	0	0	0	0	141	335	192	79	0	0	0	747'
1918	0	0	0	0	120	183	282	366	3	0	0	0	954'
1919	0	0	0	0	0	288	440	248	160	0	0	0	1,136'
1920	0	0	0	0	26	219	260	236	160	24	0	0	925'
1921	0	0	0	0	110	354	493	260	168	0	0	0	1,385'
1922	0	0	0	0	116	252	285	319	162	0	0	0	1,134'
1923	0	0	0	0	31	258	415	245	110	0	0	0	1,059'
1924	0	0	0	0	0	148	217	242	27	18	0	0	652'
1925	0	0	0	0	0	228	316	291	183	0	0	0	1,018'
1926	0	0	0	0	87	138	332	298	87	0	0	0	942'
1927	0	0	0	0	6	138	298	176	175	0	0	0	793'
1928	0	0	0	0	87	127	341	301	62	0	0	0	918'
1929	0	0	0	0	0	164	332	229	94	0	0	0	819'
1930	0	0	0	0	64	195	422	329	162	0	0	0	1,172'
1931	0	0	0	0	0	345	471	298	222	1	0	0	1,337'
1932	0	0	0	0	84	276	384	273	100	0	0	0	1,117'
1933	0	0	0	0	54	438	391	242	213	0	0	0	1,338'
1934	0	0	0	0	185	432	484	251	'75	0	0	0	1,427'
1935	0	0	0	0	0	141	496	329	135	0	0	0	1,101'
1936	0	0	0	0	144	192	620	465	167	0	0	0	1,588'
1937	0	0	0	0	77	183	397	437	129	0	0	0	1,223'
1938	0	0	0	0	47	180	397	384	154	18	0	0	1,180'
1939	0	0	0	0	130	246	384	254	192	0	0	0'	1,206'
1940	0	0	0	0	6	264	415	260	135	11	0	0	1,091'
1941	0	0	0	0	136	234	363	353	167	0	0	0	1,253'
1942	0	0	0	0	44	210	372	272	89	0	0	0	987'
1943	0	0	0	0	0	246	338	304	40	0	0	0	928'
1944	0	0	0	0	120	258	273	260	119	0	0	0	1,030'
1945	0	0	0	0	0	124	223	254	83	0	0	0	684'
1946	0	0	0	0	0	183	304	169	97	0	0	0	753'
1947	0	0	0	0	0	138	223	496	151	61	0	0	1,069'
1948	0'	0'	0'	0'	0'	143	321	270	153	0	0	0	887"
1949	0	0	0	0	91	272	418	273	23	43	0	0	1,120
1950	0	0	0	0	46	177	200	139	62	47	0	0	671
1951	0 -	0	0	21	87	112	254	209	41	35	0	0	759
1952	0	0	0	18	64	333	361	205	96	4	0	0	1,081
1953	0	0	0	2	73	290	344	297	111	55	0	0	1,172
1954	0	0	0	21	20	335	355	226	139	34	0	0	1,130
1955	0	0	0	4	70	136	484	373	121	8	0	0	1,196
1956	0	0	0	9	87	303	263	278	66	9	0	0	1,015
1957	0	0	0	20	32	193	370	260	48	0	0	0	923
1958	0	0	0	10	47	86	206	289	83	16	1	0	738
1959	0	0	0	0.	130	225	264	389	143	0	0	0	1,151
1960	0	0	0	34	22	123	249	281	172	8	0	0	889

## COOLING DEGREE DAYS

MOLINE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1961	0	0	0	0	34	222	290	284	162	20	2	0	1,014
1962	0	0	0	19	173	199	219	252	55	46	0	0	963
1963	0	0	0	12	36	276	309	203	85	95	0	0	1,016
1964	0	0	0	8	121	243	372	212	124	1	5	0	1,086
1965	0	0	0	1	124	147	311	217	76	16	0	0	892
1966	0	0	0	0	24	204	408	189	60	7	0	0	892
1967	0	0	4	11	45	196	223	124	55	31	0	0	689
1968	0	0	0	2	14	236	267	287	48	43	0	0	897
1969	0	0	0	1	77	130	320	276	86	41	0	0	931
1970	0	0	0	32	119	198	341	256	105	15	0	0	1,066
1971	0	0	0	9	32	355	203	225	212	44	0	0	1,080
1972	0	0	0	3	102	165	312	294	138	6	0	0	1,020
1973	0	0	0	2	2	226	312	323	103	27	0	0	995
1974	0	0	0	17	50	113	389	180	45	3	0	0	797
1975	0	0	0	1	85	241	325	319	44	29	0	0	1,044
1976	0	0	0	26	12	175	341	221	72	13	0	0	860
1977	0	0	0	44	182	173	397	199	73	0	0	0	1,068
1978	0	0	1	0	87	202	288	267	195	5	0	0	1,045
1979	0	0	0	0	83	206	272	245	79	22	0	0	907
1980	0	0	0	11	65	158	395	343	107	1	0	0	1,080
1981	0	0	0	8	27	191	275	209	50	0	0	0	760
1982	0	0	0	0	102	78	327	215	95	20	0	0	837
1983	0	0	0	1	12	260	453	459	138	14	0	0	1,337
1984	0	0	0	9	21	268	261	327	116	3	0	0	1,005
1985	0	0	0	64	71	165	292	154	172	0	0	0	918
1986	0	0	12	31	48	216	396	143	133	4	0	0	983
1987	0	0	0	20	162	298	453	277	71	0	3	0	1,284
1988	0	0	0	0	69	263	416	410	112	3	0	0	1,273
1989	0	0	4	13	53	159	356	236	52	20	0	0	893
1990	0	0	10	40	8	216	294	280	159	18	3	0	1,028
1991	0	0	6	21	183	297	324	284	149	16	0	0	1,280
1992	0	0	0	6	61	143	181	115	77	13	0	0	596

Monthly and annual values, from 1872 through 1942, are based on mean temperatures from Davenport, Iowa, and are taken from previously published tables.

Mean temperatures from 1872-1888 were determined from observations taken at 6 am, 2 pm, and 10 pm.

' Monthly values based on mean monthly temperatures, as opposed to daily accumulated values. Annual totals are calculated from these values, 1872- Hay 1948.

" Annual total calculated from values based on mean monthly temperature and daily accumulated values.



## HEATING DEGREE DAYS

MOLIHE, IL

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1871-1872							1,314'	1,099'	1,014'	450'	154'	0'	
1872-1873	0'	0'	103'	415'	978'	1,451'	1,485'	1,165'	884'	543'	197'	0'	7,221'
1873-1874	0'	0'	143'	518'	945'	1,097'	1,281'	1,095'	952'	714'	112'	0'	6,857'
1874-1875	0'	0'	98'	394'	861'	1,150'	1,724'	1,529'	1,082'	579'	174'	46'	7,637'
1875-1876	0'	29'	153'	508'	948'	946'	1,088'	1,012'	1,020'	432'	148'	36'	6,320'
1876-1877	0'	0'	140'	490'	894'	1,538'	1,494'	804'	1,125'	468'	156'	35'	7,144'
1877-1878	0'	0'	67'	357'	837'	698'	1,082'	792'	521'	309'	233'	52'	4,948'
1878-1879	0'	0'	98'	409'	681'	1,386'	1,445'	1,106'	791'	435'	120'	29'	6,500'
1879-1880	0'	0'	172'	185'	753'	1,277'	849'	931'	868'	459'	64'	0'	5,558'
1880-1881	0'	0'	135'	443'	1,029'	1,339'	1,587'	1,263'	1,122'	612'	34'	25'	7,589'
1881-1882	0'	0'	25'	264'	759'	831'	1,119'	692'	766'	411'	291'	43'	5,201'
1882-1883	10'	0'	110'	226'	684'	1,141'	1,535'	1,137'	939'	399'	248'	48'	6,477'
1883-1884	0'	21'	165'	456'	699'	1,051'	1,432'	1,105'	887'	447'	162'	16'	6,441'
1884-1885	0'	18'	29'	242'	741'	1,237'	1,491'	1,336'	952'	468'	223'	49'	6,786'
1885-1886	0'	51'	132'	521'	807'	1,221'	1,063'	1,173'	992'	390'	143'	17'	6,510'
1886-1887	0'	0'	92'	288'	897'	1,473'	1,606'	1,154'	952'	381'	66'	0'	6,909'
1887-1888	0'	0'	110'	543'	831'	1,268'	1,714'	1,282'	1,082'	465'	304'	27'	7,626'
1888-1889	0'	0'	156'	465'	735'	1,004'	1,197'	1,260'	744'	426'	182'	68'	6,237'
1889-1890	0'	0'	135'	496'	852'	787'	1,190'	941'	1,085'	372'	215'	0'	6,073'
1890-1891	0'	15'	151'	400'	690'	1,073'	1,153'	1,081'	1,122'	396'	210'	11'	6,302'
1891-1892	31'	18'	25'	369'	978'	936'	1,500'	986'	973'	534'	279'	27'	6,656'
1892-1893	0'	0'	91'	291'	960'	1,383'	1,733'	1,333'	955'	537'	229'	0'	7,512'
1893-1894	0'	0'	78'	319'	864'	1,262'	1,265'	1,201'	670'	360'	159'	0'	6,178'
1894-1895	0'	0'	67'	357'	930'	1,008'	1,538'	1,394'	942'	348'	139'	0'	6,723'
1895-1896	0'	0'	35'	546'	858'	1,122'	1,190'	1,111'	992'	237'	44'	9'	6,144'
1896-1897	0'	0'	170'	471'	876'	998'	1,370'	1,036'	924'	480'	189'	14'	6,528'
1897-1898	0'	5'	0'	195'	816'	1,305'	1,200'	1,075'	756'	468'	162'	0'	5,982'
1898-1899	0'	0'	51'	465'	912'	1,296'	1,271'	1,361'	1,116'	381'	141'	0'	6,994'
1899-1900	0	0	146	230	558	1,214	1,139	1,317	1,058	380	128	8	6,178
1900-1901	0	0	87	146	822	1,104	1,190	1,380	905	454	154	30	6,272
1901-1902	0	2	100	302	848	1,310	1,271	1,330	766	472	110	71	6,582
1902-1903	5	8	142	293	558	1,264	1,242	1,158	699	401	120	56	5,946
1903-1904	2	18	105	345	862	1,382	1,506	1,385	898	587	146	10	7,246
1904-1905	4	10	81	348	681	1,187	1,528	1,414	714	454	152	8	6,581
1905-1906	8	0	38	408	759	1,100	1,136	1,086	1,108	348	174	25	6,190
1906-1907	0	4	31	390	806	1,109	1,268	1,048	666	660	328	48	6,358
1907-1908	0	9	130	419	788	1,029	1,190	1,128	768	438	193	46	6,138
1908-1909	2	8	76	374	703	1,124	1,242	952	907	546	205	26	6,165
1909-1910	15	3	120	452	545	1,460	1,358	1,234	478	403	248	62	6,378
1910-1911	0	4	64	278	934	1,237	1,259	952	752	506	87	0	6,073
1911-1912	8	14	52	437	983	992	1,770	1,321	1,170	412	100	29	7,288
1912-1913	1	12	142	332	682	1,013	1,222	1,176	938	395	186	47	6,146
1913-1914	0	0	122	436	558	924	1,064	1,298	888	463	142	23	5,918
1914-1915	0	4	68	244	662	1,402	1,426	892	990	244	264	56	6,252

## HEATING DEGREE DAYS

MOLINE, IL

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1915-1916	6	66	80	289	660	1,206	1,264	1,238	902	470	166	58	6,405
1916-1917	0	4	148	372	716	1,324	1,386	1,312	818	554	312	60	7,006
1917-1918	2	1	97	654	684	1,452	1,703	1,071	628	582	84	10	6,968
1918-1919	7	0	198	296	686	914	1,152	1,032	776	421	253	4	5,739
1919-1920	0	2	42	365	851	1,474	1,484	1,163	766	632	188	18	6,985
1920-1921	1	8	52	202	814	1,095	1,047	902	632	350	146	12	5,261
1921-1922	0	4	24	298	845	1,071	1,304	1,036	782	423	50	14	5,851
1922-1923	0	2	62	262	634	1,176	1,110	1,225	1,035	464	175	24	6,169
1923-1924	0	11	75	449	691	875	1,482	1,096	954	390	287	48	6,358
1924-1925	8	7	156	180	734	1,410	1,320	961	747	272	259	6	6,060
1925-1926	2	1	44	696	832	1,322	1,215	918	1,054	612	126	35	6,857
1926-1927	0	0	124	406	892	1,240	1,300	873	702	453	204	54	6,248
1927-1928	0	12	108	250	696	1,261	1,206	987	778	546	88	53	5,985
1928-1929	0	5	153	308	707	1,045	1,591	1,312	670	389	238	48	6,466
1929-1930	1	6	107	370	911	1,134	1,555	778	827	378	150	16	6,233
1930-1931	1	0	50	431	667	1,148	1,041	792	894	393	248	26	5,691
1931-1932	0	0	40	230	487	865	1,088	898	1,094	442	102	2	5,248
1932-1933	1	0	73	432	874	1,196	888	1,114	858	462	152	6	6,056
1933-1934	0	0	30	400	794	1,083	1,059	1,152	928	414	43	0	5,903
1934-1935	0	24	115	230	591	1,288	1,294	983	706	518	286	66	6,101
1935-1936	0	22	80	352	840	1,302	1,562	1,548	751	536	56	16	7,065
1936-1937	0	0	74	366	830	994	1,382	1,120	932	472	121	20	6,311
1937-1938	0	0	102	420	860	1,226	1,284	846	596	392	164	2	5,892
1938-1939	0	0	64	216	708	1,126	1,044	1,099	817	530	84	16	5,704
1939-1940	0	0	60	320	694	938	1,634	1,078	974	482	196	2	6,378
1940-1941	0	13	83	183	834	1,010	1,178	1,154	942	305	72	19	5,793
1941-1942	0	0	51	259	671	928	1,278	1,107	753	298	182	31	5,558
1942-1943	0*	6*	183*	316*	726*	1,316*	1,407	1,056	1,016	506	267	30	6,829**
1943-1944	1	3	164	400	898	1,180	1,082	1,092	1,007	555	137	26	6,545
1944-1945	2	8	77	362	674	1,391	1,452	1,044	505	408	312	81	6,316
1945-1946	13	9	139	437	795	1,402	1,223	993	526	357	233	59	6,186
1946-1947	0	19	99	240	730	1,043	1,176	1,253	1,011	487	276	59	6,393
1947-1948	10	0	117	148	932	1,078	1,471	1,177	914	328	232	17	6,424
1948-1949	0	0	68	424	707	1,110	1,296	1,115	859	462	120	6	6,167
1949-1950	0	3	196	285	689	1,049	1,204	1,126	989	636	129	34	6,340
1950-1951	3	24	82	222	930	1,418	1,372	1,096	1,020	543	132	37	6,879
1951-1952	3	4	130	350	965	1,283	1,232	967	970	399	195	6	6,504
1952-1953	0	9	97	565	702	1,062	1,224	974	850	570	204	2	6,259
1953-1954	0	1	95	266	660	1,078	1,284	796	953	351	291	39	5,814
1954-1955	0	2	58	395	722	1,108	1,329	1,107	891	236	100	44	5,992
1955-1956	0	0	71	356	914	1,259	1,305	1,096	890	537	155	26	6,609
1956-1957	0	13	109	189	790	1,109	1,492	902	861	448	191	23	6,127
1957-1958	0	2	136	467	800	989	1,319	1,345	898	435	125	41	6,557
1958-1959	4	21	93	289	685	1,319	1,523	1,096	861	462	114	8	6,475
1959-1960	4	1	100	462	1,002	932	1,212	1,229	1,392	376	203	13	6,926

## HEATING DEGREE DAYS

MOLIHE, IL

YEAR	HEATING DEGREE DAYS												SEASONAL
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1960-1961	2	1	55	348	700	1,277	1,355	954	789	614	242	12	6,349
1961-1962	1	0	121	309	722	1,297	1,510	1,150	999	481	78	22	6,690
1962-1963	8	1	149	342	774	1,292	1,717	1,315	734	370	186	15	6,903
1963-1964	0	16	83	108	653	1,585	1,129	1,097	942	405	71	20	6,109
1964-1965	3	24	100	437	624	1,241	1,344	1,096	1,174	471	86	3	6,603
1965-1966	0	21	115	363	722	939	1,568	1,119	794	533	287	31	6,492
1966-1967	0	6	116	386	695	1,137	1,202	1,289	802	404	305	10	6,352
1967-1968	21	33	136	424	860	1,127	1,354	1,221	711	409	248	18	6,562
1968-1969	8	15	96	404	826	1,247	1,458	1,032	1,010	398	172	57	6,723
1969-1970	0	0	80	445	805	1,253	1,607	1,120	967	419	118	21	6,835
1970-1971	0	2	92	350	764	1,111	1,556	1,088	931	425	242	0	6,561
1971-1972	17	3	94	195	740	1,026	1,434	1,280	893	504	155	25	6,366
1972-1973	8	7	80	459	824	1,319	1,170	1,013	598	452	223	1,	6,154
1973-1974	0	0	78	258	733	1,274	1,338	1,061	812	360	235	32	6,181
1974-1975	0	8	180	349	739	1,122	1,235	1,114	1,058	593	117	14	6,529
1975-1976	9	0	162	297	594	1,072	1,413	855	731	385	235	2	5,755
1976-1977	0	5	123	569	1,038	1,403	1,755	1,059	656	286	54	15	6,963
1977-1978	0	5	50	420	780	1,337	1,625	1,417	986	423	229	13	7,285
1978-1979	1	4	59	415	767	1,305	1,820	1,445	884	521	172	12	7,405
1979-1980	5	22	95	415	831	1,027	1,280	1,324	966	481	129	27	6,602
1980-1981	0	1	77	503	755	1,180	1,281	1,055	783	322	253	3	6,213
1981-1982	12	9	91	459	710	1,226	1,682	1,214	936	604	62	35	7,040
1982-1983	0	14	110	333	765	916	1,175	917	802	578	228	17	5,855
1983-1984	1	0	110	377	654	1,578	1,406	880	1,039	482	225	2	6,754
1984-1985	3	4	171	303	761	1,042	1,568	1,203	692	293.	66	25	6,131
1985-1986	0	4	133	347	888	1,546	1,231	1,174	705	338	104	9	6,479
1986-1987	0	30	55	358	898	1,078	1,227	850	701	385	101	4	5,687
1987-1988	0	23	84	540	627	1,046	1,384	1,250	807	427	90	15	6,293
1988-1989	1	9	45	544	736	1,109	998	1,326	863	461	240	28	6,360
1989-1990	0	4	138	334	785	1,527	995	937	691	483	241	18	6,153
1990-1991	2	0	97	422	622	1,248	1,437	928	719	339	107	0	5,921
1991-1992	0	0	147	370	927	1,049	1,107	884	726	473	181	27	5,891
1992-1993	3	33	147	405	819	1,158	1,268	1,168					

Monthly and seasonal data from 1872 through 1942 are from Davenport, Iowa and are taken from previously published tables.

Monthly and seasonal values from 1871-1872 through 1898-1899 are based on mean monthly temperature from Davenport, Iowa.

The monthly mean temperatures from 1872 through 1888 were determined from observations taken at 6 am, 2 pm, and 10 pm.

' Monthly values based on mean monthly temperature, not daily accumulated values. Seasonal total calculated from these values.

\* Davenport, Iowa data used, Moline, Il data missing.

\*\* Seasonal total calculated from Davenport, Iowa and Moline, Il data.

PRECIPITATION

MOLINE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1872	.13	.10	1.82	5.06	4.44	4.51	3.80	8.91	5.30	.61	1.86	.67	37.21
1873	3.56	.77	1.43	3.96	6.37	2.16	2.37	.51	1.00	1.48	.63	3.84	28.08
1874	4.34	.74	1.34	2.64	3.45	5.37	3.18	3.68	7.86	1.30	2.47	.50	36.87
1875	.38	1.09	.88	2.30	2.01	4.91	9.36	1.73	4.05	1.63	.57	3.08	31.99
1876	3.47	3.63	4.35	5.39	6.70	4.25	4.82	4.27	5.50	1.54	2.54	.36	46.82
1877	1.41	.07	3.91	3.28	2.82	5.80	3.42	3.21	1.45	4.88	2.53	2.32	35.10
1878	.36	1.09	2.21	2.89	5.14	4.36	2.19	5.07	1.82	4.21	.90	.97	31.21
1879	.79	1.09	1.80	1.54	5.83	4.57	5.87	4.33	1.43	.92	4.70	1.02	33.89
1880	3.13	1.72	2.68	4.50	5.09	7.21	4.31	5.90	4.87	.94	1.23	1.15	42.73
1881	1.34	4.14	3.33	1.11	1.34	7.94	.91	.83	5.59	6.85	2.19	1.71	37.28
1882	.90	.62	2.90	3.15	5.49	8.43	4.41	2.29	1.39	3.75	1.49	1.78	36.60
1883	1.16	4.42	.73	3.33	5.46	4.38	3.66	1.02	.73	5.13	3.58	.99	34.59
1884	.75	.98	3.27	.77	3.79	3.07	4.51	3.84	4.79	7.17	1.49	3.68	38.11
1885	2.10	1.20	.17	2.47	1.94	2.08	1.66	12.68	4.19	2.71	1.20	1.95	34.35
1886	2.22	1.52	3.08	1.84	3.73	.49	.43	2.67	2.43	3.47	.74	.53	23.15
1887	1.43	4.87	.77	1.17	1.76	1.66	3.09	3.23	5.45	3.41	1.13	3.26	31.23
1888	1.54	1.17	2.70	1.57	9.23	3.86	7.31	2.79	1.38	2.81	3.54	2.59	40.49
1889	.95	1.44	1.74	3.89	6.34	5.59	8.25	1.11	3.27	1.26	2.17	1.60	37.61
1890	2.49	1.10	2.34	.86	4.33	4.51	.85	1.66	2.34	3.63	1.37	.62	26.10
1891	2.38	.89	1.68	3.30	2.74	3.56	3.29	5.54	1.50	1.37	3.56	1.64	31.45
1892	1.60	1.38	3.06	5.41	8.84	10.79	4.16	1.53	2.09	.55	2.01	2.73	44.15
1893	1.14	1.69	2.25	4.50	2.67	3.82	1.75	1.12	3.36	.80	2.56	1.67	27.33
1894	1.33	1.48	1.88	1.37	1.93	2.16	.44	2.02	3.02	1.02	1.26	.61	18.52
1895	1.27	.38	1.57	.32	2.28	1.22	5.16	4.79	4.30	.81	2.50	2.54	27.14
1896	.89	1.45	.84	3.41	4.03	2.28	5.68	3.12	3.98	1.67	.68	.65	28.68
1897	3.58	1.57	2.82	3.69	1.91	1.37	3.21	.68	1.52	.35	1.68	1.53	23.91
1898	3.68	1.86	4.85	3.01	6.73	3.53	1.85	4.96	3.14	3.38	1.37	.59	38.95
1899	.31	1.91	1.94	2.94	7.35	4.02	2.84	4.47	.82	1.46	.90	2.68	31.64
1900	1.27	2.45	2.92	2.10	4.68	1.01	3.49	4.90	3.66	2.00	1.48	.21	30.17
1901	1.10	1.59	2.57	.88	1.37	3.02	1.48	.46	2.29	.45	.79	1.33	17.33
1902	.60	.96	1.76	1.40	4.57	7.55	6.38	7.25	3.20	2.81	1.95	1.88	40.31
1903	.79	1.67	2.06	3.42	5.52	2.28	4.47	4.68	7.09	2.27	.70	.78	35.73
1904	2.20	.72	2.70	2.05	2.64	1.44	3.34	3.60	3.98	1.15	.18	2.21	26.21
1905	.63	1.99	2.21	3.45	3.12	7.68	.99	1.93	3.48	2.73	2.01	1.32	31.54
1906	2.14	2.21	2.20	1.92	2.60	2.69	2.26	3.50	2.47	1.67	2.66	1.61	27.93
1907	3.55	.22	1.79	1.90	4.33	2.07	7.13	6.48	3.55	.70	1.08	.49	33.29
1908	.69	2.37	2.24	2.22	5.13	4.57	3.30	6.23	1.12	.87	2.46	.40	31.60
1909	1.72	2.34	1.60	6.02	3.23	2.80	4.68	2.34	1.50	2.37	3.92	3.12	35.64
1910	1.69	.59	.39	3.69	3.42	.91	2.86	4.31	2.40	.61	.22	.85	21.94
1911	1.41	4.10	1.08	3.63	2.25	2.00	5.12	4.92	5.13	1.57	3.84	1.52	36.57
1912	.18	1.21	2.34	2.76	2.75	3.19	2.79	2.77	2.28	4.04	.98	.56	25.85
1913	1.04	1.57	1.99	2.19	4.89	6.09	.18	2.06	1.80	3.01	1.26	.54	26.62
1914	.87	.76	2.96	.89	1.40	8.84	.44	2.01	6.27	2.15	.24	1.67	28.50
1915	2.11	2.42	.83	.62	6.07	3.47	8.05	1.77	5.75	.36	4.07	1.13	36.65

PRECIPITATION

MOLINE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1916	4.63	.37	2.47	2.45	3.52	3.19	.46	1.25	2.82	3.52	1.45	1.44	27.57
1917	.97	.22	1.76	4.40	3.15	4.85	2.72	.70	6.27	4.00	.26	.68	29.98
1918	1.56	1.17	.66	2.32	7.15	5.03	4.39	3.38	2.19	2.45	1.89	1.89	34.08
1919	.07	2.20	3.98	3.60	4.85	3.90	2.56	3.58	7.23	5.32	2.70	.58	40.57
1920	.44	.19	4.45	5.04	2.83	2.54	2.19	2.67	1.85	2.40	1.69	1.19	27.48
1921	.47	.31	4.23	4.77	2.69	3.64	2.21	6.62	7.92	2.38	.77	3.72	39.73
1922	.98	1.34	3.40	2.86	3.87	1.22	5.66	.48	1.91	.42	3.12	.60	25.86
1923	.97	.64	5.05	.59	3.60	6.03	1.76	1.61	4.53	1.18	1.02	1.52	28.50
1924	1.27	1.46	2.71	1.11	.93	9.01	3.76	8.03	2.23	.86	.60	2.36	34.33
1925	.40	1.94	1.13	4.48	.98	7.56	3.34	3.75	8.16	3.01	1.10	1.64	37.49
1926	.94*	1.62*	2.33*	1.84*	2.10*	5.13*	2.98*	4.15*	8.80*	2.38*	3.48	.57	36.32**
1927	.42	2.49	3.17	4.73	5.68	2.91	1.23	2.84	5.72	5.28	3.30	1.52	39.29
1928	.32	1.79	2.24	3.75	.55	4.64	6.63	5.73	1.70	3.90	4.34	1.52	37.11
1929	2.95	.51	1.71	6.07	1.90	3.36	6.57	2.68	5.93	3.01	1.70	.23	36.62
1930	2.10	2.20	.92	2.90	2.81	7.25	1.83	2.60	.81	2.76	1.37	.79	28.34
1931	.56	.19	1.98	2.43	3.17	2.61	1.62	1.42	4.07	3.01	4.30	2.28	27.64
1932	.95	.54	1.81	1.32	4.53	4.80	3.71	7.12	.86	3.13	1.11	1.98	31.86
1933	2.10	.17	3.47	1.81	7.60	5.19	1.86	1.87	2.37	1.70	.29	1.36	29.79
1934	.75	.66	1.15	.96	.98	4.21	3.98	4.51	8.88	1.34	6.47	1.05	34.94
1935	1.49	1.26	2.83	2.04	6.16	5.74	1.73	2.95	4.05*	1.96*	4.66*	.91*	35.78**
1936	1.44*	1.76*	1.25*	1.80*	1.78*	2.32*	.14*	3.85*	9.29*	2.09*	1.64*	2.72*	30.08*
1937	3.52*	1.61*	2.06*	3.86*	3.91*	2.56*	4.99*	1.91*	2.06*	2.51*	.63*	1.34*	30.96*
1938	2.54	1.68	2.94	3.24	6.78	4.63	5.81	3.49	6.84	1.52	2.45	.88	42.80
1939	1.67	1.70	2.68	3.56	2.28	3.99	2.45	5.59	.94	2.96	.94	.30	29.06
1940	1.26	.53	1.57	3.01	1.37	1.19	2.34	4.88	1.54	2.02	1.57	1.57	22.35
1941	2.86	.53	1.38	4.49	3.49	6.46	1.67	1.66	5.45	9.41	1.25	1.43	40.08
1942	.78	1.08	1.39	.92	4.06	5.73	4.18	2.80	2.95	.92	2.99	4.81	32.61
1943	1.36	1.84	1.49	5.61	7.23	4.55	2.10	4.31	1.23	3.24	1.77	.41	35.14
1944	.60	1.99	5.27	5.55	4.60	6.19	2.40	2.88	1.60	1.06	2.98	1.54	36.66
1945	.44	.90	3.36	3.88	5.07	2.52	1.39	3.86	4.74	1.09	1.71	1.69	30.65
1946	2.53	.28	4.64	.68	4.10	6.42	1.47	3.91	3.47	1.65	2.49	1.43	33.07
1947	2.08	.23	2.10	7.36	3.70	5.99	4.08	.52	5.13	.88	1.92	1.64	35.63
1948	.84	2.35	3.46	1.67	2.11	2.91	8.27	2.83	3.66	1.81	2.23	2.21	34.35
1949	3.28	1.78	2.76	1.10	1.82	5.45	3.40	7.12	1.96	2.27	.71	2.91	34.56
1950	3.56	1.76	1.09	5.87	3.01	5.11	4.41	1.87	3.85	.61	.73	1.01	32.88
1951	1.05	2.56	5.06	3.60	5.90	6.65	5.60	8.00	3.47	3.75	1.68	1.28	48.60
1952	1.57	.78	3.88	1.17	2.22	7.13	2.66	3.50	.77	.04	2.99	1.93	28.64
1953	1.04	2.72	2.68	1.73	3.18	3.43	4.88	1.05	1.79	1.00	1.07	1.91	26.48
1954	.34	1.69	3.13	4.58	3.58	5.10	1.98	6.67	1.59	7.43	.75	2.02	33.86
1955	2.04	1.88	1.21	5.33	2.30	3.65	1.02	2.44	2.40	2.70	.60	.54	26.11
1956	.31	1.39	.54	2.15	2.27	1.55	4.09	3.34	.49	.40	2.43	1.24	20.20
1957	1.33	1.57	2.90	3.49	4.11	2.52	4.47	3.17	1.16	2.00	2.38	3.82	32.92
1958	1.26	.49	.31	2.53	3.96	3.77	4.62	1.09	3.00	1.75	1.17	.50	24.45
1959	1.41	1.77	3.06	4.75	5.31	3.62	4.48	3.90	4.29	5.59	1.50	2.42	42.10
1960	3.43	2.78	1.28	4.89	3.98	5.40	3.40	3.97	3.42	4.91	1.11	.88	39.45

## PRECIPITATION

MOLINE, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1961	.32	1.20	4.48	2.19	1.98	3.69	7.63	2.37	11.00	4.53	4.94	1.58	45.91
1962	2.09	1.85	2.42	2.44	6.10	1.48	6.73	1.95	2.90	4.15	1.21	.55	33.87
1963	.91	.38	3.29	4.24	2.36	1.02	8.78	4.02	2.38	.63	1.84	.94	30.79
1964	1.59	.73	4.02	6.37	2.68	3.89	5.31	2.41	3.99	.01	3.40	1.28	35.68
1965	4.08	.97	2.52	7.92	4.04	2.07	4.78	9.31	8.27	.88	1.93	2.82	49.59
1966	2.01	.89	.85	3.96	6.39	4.25	7.74	.77	2.80	4.38	1.12	2.52	37.68
1967	2.00	1.11	1.68	4.91	1.70	8.15	4.15	3.62	4.99	6.23	2.26	1.56	42.36
1968	.81	.33	1.96	3.57	2.59	3.70	3.91	2.16	5.70	1.09	3.31	2.76	31.89
1969	3.28	.21	2.25	3.11	3.40	6.97	11.39	2.00	2.50	4.63	.53	1.52	41.79
1970	.54	.57	2.62	4.66	11.07	3.25	6.27	3.61	14.18	1.75	1.25	1.95	51.72
1971	1.79	1.58	1.99	1.86	3.14	2.36	11.22	.35	4.54	2.64	2.21	4.77	38.45
1972	1.19	1.24	3.73	5.19	4.24	8.66	3.79	8.20	3.29	2.39	2.75	1.98	46.65
1973	2.53	1.94	7.43	11.30	6.96	6.58	2.63	2.30	6.74	3.06	1.15	3.74	56.36
1974	4.39	1.57	2.94	5.08	11.43	8.83	1.73	3.37	1.08	1.99	2.59	1.83	46.83
1975	1.50	1.75	3.30	2.88	3.23	3.50	2.71	3.23	1.99	.90	2.98	.98	28.95
1976	.88	1.11	3.67	4.21	4.13	2.02	3.34	.60	1.89	2.13	.65	.34	24.97
1977	.87	.62	4.61	1.57	2.66	5.18	6.04	6.98	4.80	4.09	2.78	1.76	41.96
1978	.59	.67	.78	3.02	4.65	3.50	3.24	2.47	3.91	1.95	3.32	3.17	31.27
1979	2.72	1.02	2.77	4.01	2.86	2.85	4.40	6.94	.02	2.51	2.13	2.27	34.50
1980	1.31	1.55	1.74	2.34	4.01	4.97	3.46	9.09	2.94	1.63	.70	2.75	36.49
1981	.32	2.45	.69	4.48	1.48	5.51	3.07	6.90	4.20	4.42	2.42	.72	36.66
1982	2.08	.45	3.85	3.33	5.03	3.61	8.83	2.89	1.94	3.38	3.64	4.99	44.02
1983	.56	1.50	2.88	4.88	2.06	5.21	2.79	.96	5.30	2.36	5.78	2.55	36.83
1984	.84	.79	3.45	4.31	4.97	3.75	4.63	1.31	2.32	6.60	2.91	3.51	39.39
1985	1.04	2.80	4.71	2.14	3.46	2.26	3.33	2.76	1.71	8.54	6.35	2.21	41.31
1986	.38	2.54	1.35	3.15	5.54	5.10	6.34	3.24	5.63	4.23	1.03	1.95	40.48
1987	.91	.89	2.57	1.49	3.35	1.54	1.91	15.23	1.11	.79	3.33	4.46	37.58
1988	1.75	1.08	2.36	1.36	2.32	1.16	1.79	4.89	1.97	2.37	3.17	1.57	25.79
1989	1.21	1.21	1.85	3.62	3.42	3.31	3.10	6.17	5.42	1.18	.71	.73	31.93
1990	1.66	1.99	6.68	3.50	7.68	9.59	3.56	6.42	1.04	2.35	2.87	3.07	50.41
1991	1.19	.43	6.31	3.69	3.87	1.32	.41	2.06	2.52	5.80	5.03	1.86	34.49
1992	1.18	1.91	1.07	2.88	.31	2.11	11.76	1.70	4.80	1.49	6.77	3.96	39.94

Monthly and annual data from 1872 through October 1926 are from Davenport, Iowa, and are taken from previously published tables.

\* Davenport, Iowa data substituted, Moline, IL data missing

\*\* Annual total calculated from Davenport, Iowa and Moline, IL data

## SNOWFALL

HOLINE, IL

YEAR	SNOWFALL												SEASONAL TOTAL
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1884-1885	.0	.0	.0	.0	.7	5.9	16.9	14.9	1.5	.0	.0	.0	39.9
1885-1886	.0	.0	.0	.0	.0	4.2	21.6	3.4	18.5	.0	.0	.0	47.7
1886-1887	.0	.0	.0	.0	2.8	5.8	6.3	5.1	7.8	.0	.0	.0	27.8
1887-1888	.0	.0	.0	.0	.0	22.0	11.4	5.9	7.8	.0	.0	.0	47.1
1888-1889	.0	.0	.0	.0	.5	1.0	7.4	10.1	.7	.0	.0	.0	19.7
1889-1890	.0	.0	.0	.0	1.7	.0	2.1	6.0	5.0	.0	.0	.0	14.8
1890-1891	.0	.0	.0	.0	.0	1.9	6.8	1.6	10.0	.6	.0	.0	20.9
1891-1892	.0	.0	.0	.0	5.7	5.0	11.0	.1	.7	.0	.0	.0	22.5
1892-1893	.0	.0	.0	.0	7.6	14.3	7.7	9.5	2.3	1.9	.0	.0	43.3
1893-1894	.0	.0	.0	.0	5.5	8.0	5.1	8.7	1.5	.0	.0	.0	28.8
1894-1895	.0	.0	.0	.0	.2	.0	10.4	3.2	2.5	.0	.0	.0	16.3
1895-1896	.0	.0	.0	.0	8.7	1.8	4.4	11.0	2.4	4.5	.0	.0	32.8
1896-1897	.0	.0	.0	.0	.0	2.5	8.5	9.5	10.1	.2	.0	.0	30.8
1897-1898	.0	.0	.0	.0	.3	6.5	21.8	12.0	6.0	.0	.0	.0	46.6
1898-1899	.0	.0	.0	2.9	6.5	.7	.8	5.3	5.7	.3	.0	.0	22.2
1899-1900	.0	.0	.0	.0	.0	1.8	1.6	13.8	5.9	.0	.0	.0	23.1
1900-1901	.0	.0	.0	.0	1.5	.5	7.5	17.7	3.4	.0	.0	.0	30.6
1901-1902	.0	.0	.0	.0	.0	2.1	7.3	1.6	.1	.0	.0	.0	11.1
1902-1903	.0	.0	.0	.0	.5	5.9	5.1	14.2	.7	.0	.0	.0	26.4
1903-1904	.0	.0	.0	.0	.0	6.9	3.6	6.8	7.9	.0	.0	.0	25.2
1904-1905	.0	.0	.0	.0	.0	7.1	7.2	15.1	3.6	.0	.0	.0	33.0
1905-1906	.0	.0	.0	.0	.0	4.4	8.3	.8	7.9	.0	.0	.0	21.4
1906-1907	.0	.0	.0	.0	3.1	.6	9.8	4.6	2.4	.6	.0	.0	21.1
1907-1908	.0	.0	.0	.0	.3	2.0	8.1	13.9	.0	.0	.0	.0	24.3
1908-1909	.0	.0	.0	.0	.0	3.0	6.6	4.6	1.7	.0	.0	.0	15.9
1909-1910	.0	.0	.0	.0	.7	16.3	7.5	3.5	.0	.6	.0	.0	28.6
1910-1911	.0	.0	.0	.0	.0	3.0	5.7	8.7	.1	6.0	.0	.0	23.5
1911-1912	.0	.0	.0	.0	2.5	3.5	2.5	11.3	22.1	7.8	.0	.0	49.7
1912-1913	.0	.0	.0	.0	.0	.0	7.4	11.3	10.2	1.2	.0	.0	30.1
1912-1914	.0	.0	.0	2.0	.0	2.7	4.3	7.9	1.3	.0	.0	.0	18.2
1914-1915	.0	.0	.0	.0	.0	10.5	6.9	.6	6.4	.0	.0	.0	24.4
1915-1916	.0	.0	.0	.0	3.5	5.1	6.2	4.3	3.8	.0	.0	.0	22.9
1916-1917	.0	.0	.0	.0	.1	8.0	8.0	1.8	.5	2.0	.0	.0	20.4
1917-1918	.0	.0	.0	2.2	.5	9.0	16.8	6.1	.0	.1	.0	.0	34.7
1918-1919	.0	.0	.0	.0	.0	8.8	2.0	9.7	.0	.0	.0	.0	20.5
1919-1920	.0	.0	.0	.0	.5	7.0	5.0	1.4	1.4	1.0	.0	.0	16.3
1920-1921	.0	.0	.0	.0	.4	6.9	3.5	.5	.0	2.7	.0	.0	14.0
1921-1922	.0	.0	.0	.0	5.4	2.8	1.0	2.2	1.6	.0	.0	.0	13.0
1922-1923	.0	.0	.0	.0	1.5	.8	8.0	6.1	24.8	1.0	.0	.0	42.2
1923-1924	.0	.0	.0	.4	.0	.9	8.7	11.7	6.0	1.0	.0	.0	28.7
1924-1925	.0	.0	.0	.0	.5	5.6	3.4	1.6	.6	.7	.0	.0	12.4

## SNOWFAL

LMOLINE, IL

YEAE	JUL	AG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1925-1926	.0	.0	.0	1.5	10.8	9.3	6.1	1.5	16.8	3.3	.0	.0	49.3
1926-1927	.0	.0	.0	.0	8.1	.2	6.1	4.0	.5	.8	.0	.0	19.7
1927-1928	.0	.0	.0	.0	.0	1.6	2.5	3.7	5.2	1.5	.0	.0	14.5
1928-1929	.0	.0	.0	.0	.6	2.6	15.6	5.4	.5	.0	.0	.0	24.7
1929-1930	.0	.0	.0	1.1	1.5	5.3	17.7	.6	.5	.0	.0	.0	26.7
1930-1931	.0*	.0*	.0*	.0*	2.7*	4.6*	4.5	.0	9.5	.0	.0	.0	21.3**
1931-1932	.0	.0	.0	.0	.2	7.6	2.0	5.5	8.2	.0	.0	.0	23.5
1932-1933	.0	.0	.0	.0	1.1	3.5	2.8	2.1	4.1	.8	.0	.0	14.4
1933-1934	.0	.0	.0	.0	.3	3.5	2.6	6.4	3.6	.0	.0	.0	16.4
1934-1935	.0	.0	.0	.0	.0	9.3	1.9	2.8	8.9	.2	.3	.0	23.4
1935-1936	.0	.0	.0*	.0*	.3*	9.1*	17.1*	11.5*	2.6*	5.3*	.0*	.0*	45.9**
1936-1937	.0*	.0*	.0*	.0*	.3*	2.5*	2.6*	3.9*	7.7*	.2*	.0*	.0*	17.2*
1937-1938	.0*	.0*	.0*	.0*	.4*	7.3*	3.7	1.7	.6	.8	.0	.0	14.5**
1938-1939	.0	.0	.0	.1	.4	3.1	8.5	9.4	2.5	.0	.0	.0	24.0
1939-1940	.0	.0	.0	.0	.0	.0	12.6	3.4	3.1	.0	.0	.0	19.1
1940-1941	.0	.0	.0	.0	2.3	1.4	14.5	3.9	11.5	.0	.0	.0	33.6
1941-1942	.0	.0	.0	.0	1.2	4.4	4.8	6.2	.8	.0	.0	.0	17.4
1942-1943	.0	.0	.1	.0	2.1	7.1	11.1	2.5	5.3	.0	.0	.0	28.2
1943-1944	.0	.0	.0	.0	.0	.4	.0	12.6	4.3	.0	.0	.0	17.3
1944-1945	.0	.0	.0	.0	.0	1.3.9	5.8	4.3	.7	.0	.0	.0	24.7
1945-1946	.0	.0	.0	.0	1.0	11.4	2.5	4.4	2.8	.0	.0	.0	22.1
1946-1947	.0	.0	.0	.0	.0	5.3	8.5	4.3	7.2	.0	.0	.0	25.3
1947-1948	.0	.0	.0	.0	7.7	1.8	3.8	3.0	8.0	.0	.0	.0	24.3
1948-1949	.0	.0	.0	.0	.0	6.2	5.3	2.5	.9	1.1	.0	.0	16.0
1949-1950	.0	.0	.0	.0	.5	2.3	1.7	7.9	2.5	.4	.0	.0	15.3
1950-1951	.0	.0	.0	.0	2.1	7.3	7.1	4.9	17.0	1.4	.0	.0	39.8
1951-1952	.0	.0	.0	.0	3.4	16.7	4.7	5.9	15.2	.0	.0	.0	45.9
1952-1953	.0	.0	.0	.0	.0	2.5	12.1	6.2	7.1	.4	.0	.0	28.3
1953-1954	.0	.0	.0	.0	1.4	7.8	1.4	4.9	2.2	.0	.0	.0	17.7
1954-1955	.0	.0	.0	.0	3.7	16.2	11.2	6.1	8.8	.0	.0	.0	46.0
1955-1956	.0	.0	.0	.0	2.0	2.9	2.2	7.5	.7	.3	.0	.0	15.6
1956-1957	.0	.0	.0	.0	2.1	6.5	11.8	.7	6.9	6.5	.0	.0	34.5
1957-1958	.0	.0	.0	.0	.3	6.4	14.0	1.7	2.0	.0	.0	.0	24.4
1958-1959	.0	.0	.0	.0	.9	8.1	15.1	3.6	13.9	1.7	.0	.0	43.3
1959-1960	.0	.0	.0	.0	9.1	9.9	8.5	19.3	14.7	.0	.0	.0	61.5
1960-1961	.0	.0	.0	.0	.0	5.5	3.4	2.5	2.4	2.5	.0	.0	16.3
1961-1962	.0	.0	.0	.0	.0	13.6	11.2	15.8	7.1	.2	.0	.0	47.9
1962-1963	.0	.0	.0	.2	.0	3.1	14.7	5.8	7.3	.0	.0	.0	31.1
1963-1964	.0	.0	.0	.0	.0	9.7	5.3	5.5	13.9	.0	.0	.0	34.4
1964-1965	.0	.0	.0	.0	2.1	11.7	10.2	7.4	16.2	.0	.0	.0	47.6
1965-1966	.0"	.0	.0	.0	.3	5.7	6.0	.8	.7	.1	.0	.0	13.6
1966-1967	.0	.0	.0	.0	.0	7.2	14.4	13.2	2.2	1.1	.0	.0	38.1
1967-1968	.0	.0	.0	6.6	.3	3.2	8.6	2.8	1.1	.0	.0	.0	22.6
1968-1969	.0	.0	.0	.0	5.9	5.4	6.2	.9	5.6	.0	.0	.0	24.0
1969-1970	.0	.0	.0	.0	1.5	15.4	7.2	6.1	12.7	8.3	.0	.0	51.2



## SNOWFALL

MOLINE, IL

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1970-1971	.0	.0	.0	.0	.2	2.2	17.7	2.6	7.8	.0	.0	.0	30.5
1971-1972	.0	.0	.0	.0	5.9	.3	11.8	13.7	19.8	2.6	.0	.0	54.1
1972-1973	.0	.0	.0	2.0	6.7	6.6	.4	8.6	.5	.9	.0	.0	25.7
1973-1974	.0	.0	.0	.0	.0	11.4	12.7	7.4	3.0	.6	.0	.0	35.1
1974-1975	.0	.0	.0	.0	15.6	8.8	7.6	19.3	12.2	6.2	.0	.0	69.7
1975-1976	.0	.0	.0	.0	9.9	2.5	8.6	.1	.6	.0	.0	.0	21.7
1976-1977	.0	.0	.0	.0	7.7	4.1	12.3	2.5	10.8	1.0	.0	.0	38.4
1977-1978	.0	.0	.0	.0	4.8	20.8	6.1	6.8	6.5	.0	.0	.0	45.0
1978-1979	.0	.0	.0	.0	7.1	21.7	26.7	4.5	3.4	.6	.0	.0	64.0
1979-1980	.0	.0	.0	.0	1.9	.8	4.2	13.1	7.5	9.5	.0	.0	37.0
1980-1981	.0	.0	.0	2.4	1.1	4.5	5.3	5.6	.0	.0	.0	.0	18.9
1981-1982	.0	.0	.0	.0	3.3	4.3	13.6	4.5	6.6	13.0	.0	.0	45.3
1982-1983	.0	.0	.0	.0	.0	.0	.5	4.7	6.2	12.7	.7	.0	24.8
1983-1984	.0	.0	.0	.0	.9	18.9	9.9	1.9	13.6	.1	.0	.0	45.3
1984-1985	.0	.0	.0	.0	.0	9.3	13.4	7.5	.2	.0	.0	.0	30.4
1985-1986	.0	.0	.0	.0	3.1	11.5	3.7	7.8	.2	.4	.0	.0	26.7
1986-1987	.0	.0	.0	.0	2.2	.2	9.1	.0	.1	.0	.0	.0	11.6
1987-1988	.0	.0	.0	.0	.6	15.9	2.7	16.4	.5	.0	.0	.0	36.1
1988-1989	.0	.0	.0	.0	1.0	.2.5	.0	13.8	.4	.0	.0	.0	17.7
1989-1990	.0	.0	.0	.0	.1	8.2	6.3	10.3	.0	.0	.0	.0	24.9
1990-1991	.0	.0	.0	.0	.0	7.5	11.1	1.5	5.4	.0	.0	.0	25.5
1991-1992	.0	.0	.0	.0	1.0	6.7	5.2	1.4	3.6	.0	.0	.0	17.9
1992-1993	.0	.0	.0	.0	.6	7.2							

Data from 1884-1885 through 1929-1930 are from Davenport, Iowa, and are taken from previously published tables.  
 Monthly amounts of a Trace, an amount too small to measure, were not reported.

\* Davenport, Iowa data used, Moline, Il data missing

\*\* Seasonal total calculated from Davenport, Iowa and Moline, Il data.

### STATION HISTORY

The Moline data presented herein are a composite of data from two National Weather Service Weather sites, the Weather Service Office at the Moline Airport, and that located in Davenport IA.

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### OTHER ILLINOIS CLIMATOLOGICAL SUMMARIES AVAILABLE

Climatological summaries for:

Anna	Harrisburg
Champaign-Urbana	Moline
Decatur	Ottawa
Effingham	Peoria
Fairfield	Springfield
Freeport	White Hall

are available free of charge from the Illinois State Water Survey, 2204 Griffith Dr., Champaign IL 61820. Requests for climatological data may be directed to the Illinois State Climatologist at 217-333-0729.