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## LOCAL CLIMATOLOGICAL DATA

1901 -1962

DECATUR

ISWS Illinois State Water Survey  
MP-20 LOCAL CLIMATOLOGICAL  
Archive DATA FOR DECATUR, IL,  
SWS0963 1901-1962

### CLIMATOLOGICAL SUMMARY

Decatur is an industrial and commercial city located in central Illinois. It is the county seat of Macon County and the home of Milliken University. The topography around Decatur is largely a flat featureless glacial plain marked by a few shallow river valleys. The topography has no effect on the weather and climate of the area.

The climate is classed as humid continental, in a location far from any hills, large water bodies, or other modifying influences. The climate varies seasonally from warm to hot summers and cool to cold winters. Abrupt changes in weather conditions occur 25 to 30 times a year when weather fronts pass through the area. Typical features of the climate are the great variations in temperature and in precipitation between months and years.

Average annual precipitation is 37.74 inches, although it has been as high as 60.58 inches (1927) and as low as 25.10 inches (1914). On the average, thunderstorms account for 41 percent of the annual precipitation, and snowfall for another 5 percent. Precipitation in the warmer half-year (April-September) is normally 60 percent of the annual total. June is normally the wettest month, and February the driest. The heaviest 24-hour rainfall on record is 4.66 inches on April 18, 1904.

The average annual number of days with thunderstorms is 45. Normally hail occurs on 2 or 3 days per year, sleet on 6 days, and freezing rain on 4 days. Snowfalls of 1 inch or more in 24 hours normally occur 6 times a year.

July is normally the warmest month of the year, although either June or August has been the warmest. January is normally the coldest month, but occasionally December, February, or March has been the coldest. The highest temperature on record is 113 degrees on July 14, 1954, and the coldest is -25 degrees on February 13, 1905. On the average, 44 days per year have maximum temperatures of 90 degrees or higher, and 6 days have minimums of 0 degrees or lower.

Normally the last spring day with a freezing temperature is April 25 and the first freezing temperature in the fall occurs on October 16, producing an average growing season of 173 days. Ten percent of the time the first freezing fall temperature will occur before September 30, and the last spring freeze after May 12. The average annual number of heating degree days is 5270.

In the tabular data on the next pages all temperatures are expressed in degrees Fahrenheit; precipitation, snowfall, and snow depth values are in inches; and missing data are indicated by M. If 1 day of precipitation or snowfall was missing during a month, the monthly total was considered missing. If more than 5 days of temperature data were missing, the monthly average was considered missing.

The summarized climatological data presented were derived from official U. S. Weather Bureau records for Decatur, which have been transferred to punched data cards by the Illinois State Water Survey and the Weather Bureau. All monthly and annual totals, averages, and extremes were determined by computer analysis of the punched cards. This material has been prepared by Stanley A. Changnon, Jr., climatologist at the State Water Survey.

DECATUR

AVERAGE TEMPERATURE

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1901	30.8	24.2	40.5	50.2	61.6	74.5	82.0	76.1	67.4	56.8	38.6	26.4	52.4
1902	27.1	19.3	43.7	50.6	68.2	69.8	76.0	71.4	63.6	57.5	49.4	28.9	52.1
1903	26.4	28.1	46.2	53.6	65.9	65.9	76.5	73.5	67.3	56.7	39.0	25.1	52.0
1904	20.8	24.0	40.7	47.6	63.5	70.2	74.0	71.6	68.3	56.3	43.8	30.3	50.9
1905	22.3	19.5	46.9	52.3	63.5	74.3	74.6	76.4	69.1	54.2	41.4	31.3	52.2
1906	33.5	29.4	30.4	55.9	64.5	70.8	74.6	77.1	71.4	54.4	40.0	31.9	52.8
1907	30.5	28.8	47.6	43.3	56.7	68.0	77.0	73.1	67.0	53.4	40.5	34.0	51.7
1908	29.6	28.6	44.6	52.7	64.1	71.2	75.2	75.2	71.3	56.5	43.9	33.8	53.9
1909	27.8	33.6	40.4	50.6	60.5	72.9	73.1	77.9	65.0	50.8	51.3	21.7	52.1
1910	27.8	24.3	50.9	52.8	57.9	70.4	76.5	73.2	67.6	58.0	37.7	25.7	51.9
1911	28.1	34.8	41.1	49.7	69.0	76.8	77.0	74.0	69.7	54.5	36.8	35.4	53.9
1912	16.0	24.3	32.8	54.2	65.4	69.1	77.0	73.3	69.7	57.8	43.4	35.1	51.5
1913	32.4	27.1	37.9	52.3	64.8	75.4	79.6	79.7	67.8	54.3	47.9	38.1	54.8
1914	34.4	21.0	36.8	53.2	66.4	77.8	80.6	77.0	67.4	58.9	46.8	24.9	53.8
1915	25.5	38.2	36.6	58.9	60.2	69.8	73.9	69.7	69.8	57.6	46.5	31.2	53.2
1916	30.9	28.1	39.8	51.0	63.8	65.8	82.2	77.9	66.5	54.9	44.7	28.0	52.8
1917	28.1	25.3	41.2	51.2	57.3	68.8	75.6	72.9	65.9	47.5	44.2	23.0	50.1
1918	13.7	32.2	49.2	48.0	66.9	73.2	73.8	79.7	60.7	59.2	43.7	39.6	53.3
1919	33.2	33.6	44.3	54.6	60.8	75.1	79.1	74.0	71.0	59.3	41.0	25.4	54.3
1920	23.3	31.1	43.1	47.9	63.5	73.7	76.3	74.1	71.1	61.6	41.3	33.5	53.4
1921	34.9	38.0	51.6	56.1	66.5	78.1	81.7	74.7	72.5	56.6	43.5	34.9	57.4
1922	26.2	33.6	43.9	55.2	67.6	75.1	75.8	76.0	71.5	59.4	45.1	32.8	55.2
1923	34.4	26.8	38.7	52.2	62.9	74.7	77.9	75.2	67.3	52.4	44.9	41.1	54.0
1924	22.0	31.3	37.3	56.1	57.3	70.9	73.0	75.3	63.3	61.3	43.7	25.8	51.4
1925	27.5	37.3	44.1	60.3	60.7	76.4	77.3	75.2	74.6	46.7	39.9	26.5	54.0
1926	29.7	34.8	35.1	46.5	66.4	68.9	78.0	76.6	68.2	55.5	38.0	29.9	52.3
1927	26.5	39.2	45.1	53.4	61.7	68.8	75.0	69.1	72.0	60.2	46.2	29.2	53.9
1928	29.2	33.8	41.9	48.8	64.1	66.9	76.9	76.4	63.4	58.7	43.6	35.1	53.2
1929	22.7	24.8	48.3	55.9	60.3	70.3	76.4	72.8	66.6	54.8	38.2	30.5	51.8
1930	21.3	40.9	40.1	56.8	64.8	72.7	79.3	76.9	70.3	54.5	48.8	32.8	54.9
1931	35.0	39.3	37.8	55.1	61.0	76.8	80.8	76.2	75.1	61.1	52.7	41.3	57.7
1932	37.2	39.9	34.9	54.8	65.1	74.8	78.0	75.3	67.2	55.9	38.0	31.5	54.4
1933	39.8	31.2	42.3	53.2	65.4	79.5	80.8	75.1	74.5	54.4	42.5	36.6	56.3
1934	34.7	27.0	37.8	53.8	69.3	81.0	82.5	76.6	65.9	59.5	47.9	29.8	55.5
1935	31.3	34.9	48.8	50.5	58.5	69.5	80.1	77.1	67.3	56.7	41.3	26.0	53.5
1936	21.7	20.5	43.5	49.8	68.3	74.4	84.4	80.5	71.9	56.0	39.8	35.9	53.9
1937	29.1	29.9	39.1	52.3	64.9	72.1	75.9	78.5	66.8	52.9	39.2	29.3	52.5
1938	29.3	39.6	49.8	55.1	63.6	71.4	78.2	78.4	70.7	62.1	46.4	33.0	56.5
1939	35.5	32.0	44.5	50.3	67.5	74.2	77.1	73.8	73.3	58.9	42.7	36.5	55.5
1940	15.7	31.7	38.8	52.1	60.4	74.3	77.5	75.6	66.9	61.3	41.0	37.7	52.8
1941	31.9	29.0	37.9	58.2	68.0	74.7	77.2	76.7	70.7	59.6	45.5	38.7	55.7
1942	29.6	29.6	45.1	57.6	63.5	72.6	76.8	73.7	66.6	56.5	46.0	27.8	53.8
1943	29.4	35.9	38.2	51.8	62.1	74.2	77.9	77.8	64.7	56.1	40.1	29.5	53.1
1944	34.6	34.8	38.4	51.0	68.6	76.7	76.1	75.8	68.1	57.0	45.3	25.5	54.3
1945	24.3	33.9	52.7	53.7	58.1	68.4	73.7	74.5	68.2	55.0	43.3	24.8	52.6
1946	30.8	35.0	54.5	56.5	59.6	72.7	76.6	70.5	67.5	61.3	46.1	36.9	55.7
1947	32.8	24.9	35.1	52.8	60.7	69.6	73.1	82.9	69.4	64.6	38.0	34.2	53.2
1948	23.9	30.9	41.3	57.7	62.0	73.1	76.6	75.9	70.3	53.7	45.0	34.3	53.7
1949	31.4	33.7	42.3	52.6	67.1	75.8	80.2	75.3	62.2	59.8	44.9	37.0	55.2
1950	35.0	31.8	38.5	47.2	66.1	72.0	73.5	70.8	66.7	61.4	36.4	23.0	51.9
1951	29.4	32.1	38.0	50.1	65.6	70.1	76.0	74.1	64.8	58.6	35.4	30.5	52.1
1952	31.9	36.8	39.1	53.8	63.1	79.1	79.7	74.7	68.8	51.5	44.4	34.8	54.8
1953	32.4	36.8	43.3	49.8	65.3	79.1	78.9	76.5	70.1	60.7	45.2	33.8	56.0
1954	30.0	40.2	38.2	58.6	60.7	78.2	82.3	76.6	72.3	57.9	44.0	34.8	56.2
1955	29.3	32.6	41.7	60.8	65.6	68.9	81.1	78.5	71.0	56.8	39.0	30.3	54.6
1956	28.1	33.3	42.6	51.3	66.3	73.9	74.6	75.1	67.8	63.6	42.9	36.6	54.7
1957	23.5	37.6	41.9	53.9	63.8	73.4	78.1	75.8	66.4	54.0	42.2	37.8	54.0
1958	29.9	25.3	37.3	53.8	64.1	68.3	74.5	76.2	68.7	58.2	46.8	26.7	52.5
1959	23.5	32.3	42.9	53.8	68.3	75.7	76.8	79.4	70.5	55.7	36.2	37.7	54.4
1960	30.7	28.1	27.6	56.1	60.6	71.2	74.3	75.1	73.3	57.0	44.4	27.3	52.1
1961	26.3	35.8	44.4	48.3	59.0	71.1	75.9	73.8	70.6	57.0	43.0	29.2	52.9
1962	21.5	32.1	37.6	52.7	71.8	74.2	74.8	75.1	66.1	59.5	43.6	27.6	53.1
MEAN	28.5	31.4	41.6	52.9	63.7	72.9	77.3	75.5	68.6	57.0	43.0	31.6	53.7

DECATUR

AVERAGE MAXIMUM TEMPERATURE

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1901	40.3	33.0	49.3	62.2	74.1	86.3	96.2	90.6	81.3	70.0	49.6	33.5	63.9
1902	35.9	29.3	52.5	62.7	80.2	80.3	87.5	82.0	74.8	68.9	58.0	35.5	62.4
1903	34.6	36.5	55.3	66.0	77.5	77.5	89.5	86.5	81.3	69.5	48.4	34.7	63.2
1904	30.6	32.9	49.7	58.7	75.2	81.9	85.9	84.2	80.3	69.2	56.5	39.4	62.0
1905	31.3	28.9	57.3	64.6	75.5	87.4	85.9	88.9	81.6	67.6	53.4	39.0	63.5
1906	41.7	32.9	57.3	69.1	76.6	81.7	83.0	88.9	85.1	65.3	49.3	39.2	63.4
1907	38.5	37.9	58.5	53.3	68.7	79.3	87.9	84.0	78.6	65.6	51.9	39.9	62.0
1908	37.6	35.3	54.7	63.4	73.5	82.6	85.8	88.3	85.5	69.5	54.0	42.6	64.4
1909	35.0	41.6	49.3	61.4	70.7	83.2	83.7	90.7	76.2	62.7	61.5	28.3	62.2
1910	34.2	35.1	64.3	65.1	68.8	82.9	87.8	85.5	79.1	71.0	50.0	34.3	63.2
1911	37.4	44.2	51.9	59.2	71.1	89.6	89.6	86.2	79.7	64.2	45.5	41.8	64.2
1912	24.5	31.8	41.1	55.1	76.2	80.3	88.3	84.4	82.4	71.3	53.1	44.5	62.0
1913	40.5	36.1	43.6	63.8	75.9	89.0	91.9	92.9	80.0	65.2	53.1	45.0	65.7
1914	41.9	30.6	46.3	53.7	78.0	90.5	93.9	88.5	79.3	70.0	58.7	32.0	64.5
1915	34.0	45.3	44.3	71.1	70.6	80.3	83.9	79.5	80.7	70.9	56.0	38.5	63.1
1916	40.5	37.5	50.7	61.5	74.9	77.9	96.2	90.5	79.9	68.4	56.0	38.5	64.4
1917	39.1	36.6	52.1	61.8	68.4	78.9	87.5	84.8	79.1	58.2	54.5	32.2	61.1
1918	22.5	42.3	42.9	58.2	72.2	86.1	86.0	91.1	72.4	69.8	52.5	47.7	64.2
1919	43.3	42.5	54.3	66.0	71.4	85.1	92.1	86.4	84.4	70.3	49.5	33.0	64.9
1920	30.7	37.6	51.1	57.3	74.6	86.5	89.0	86.1	83.3	73.6	49.2	40.5	63.5
1921	41.7	45.4	63.5	67.5	79.6	90.1	95.5	95.8	83.7	69.6	52.4	42.8	68.1
1922	36.3	43.0	53.1	66.3	73.1	88.9	88.1	89.9	86.3	73.0	54.0	42.1	66.7
1923	40.9	35.2	49.9	65.0	74.8	86.4	90.7	87.3	77.8	63.7	53.8	49.4	64.6
1924	31.9	39.7	44.7	63.7	69.3	81.5	85.7	87.6	75.4	76.2	54.1	35.0	62.5
1925	37.3	47.0	56.8	73.5	75.9	89.2	99.8	98.7	86.3	55.8	49.8	36.8	65.6
1926	38.1	42.6	45.2	57.6	80.2	82.0	91.4	88.1	77.6	66.1	46.6	37.9	62.8
1927	34.8	47.9	54.8	63.2	72.1	79.4	86.6	91.0	83.7	73.9	56.3	38.7	64.3
1928	38.1	42.3	52.3	60.1	77.5	77.2	88.4	88.3	77.4	70.0	51.5	43.9	63.9
1929	33.1	34.2	59.1	66.4	71.4	82.4	88.0	85.3	78.7	65.7	47.1	38.7	62.5
1930	30.2	50.3	51.1	69.3	76.5	85.4	93.5	90.5	82.5	66.0	54.3	39.5	65.8
1931	43.3	47.8	43.5	66.5	72.6	89.0	93.3	88.9	87.5	71.5	61.3	48.3	68.0
1932	44.5	49.4	44.3	67.0	77.2	86.8	90.0	87.0	79.8	67.1	47.5	40.2	65.1
1933	43.9	41.1	51.4	63.6	75.1	93.9	94.2	88.4	87.6	66.0	53.1	45.0	67.4
1934	42.7	36.4	48.0	66.0	83.9	94.7	95.5	88.1	76.3	72.5	57.1	36.9	66.5
1935	40.2	42.2	59.0	60.0	69.3	80.4	91.9	88.6	80.4	68.1	49.1	33.1	63.5
1936	29.7	30.7	52.8	61.6	80.6	89.4	88.9	93.2	82.8	67.1	50.1	44.5	65.1
1937	37.8	38.6	49.3	63.1	76.7	82.7	87.9	90.3	79.8	62.9	50.0	35.6	62.9
1938	37.3	47.1	50.3	66.0	74.9	82.3	90.6	89.3	82.7	75.5	57.5	40.5	67.1
1939	43.4	41.5	55.3	60.7	79.6	83.6	87.5	85.2	87.2	71.5	52.6	45.5	66.2
1940	23.1	37.7	47.4	63.1	71.3	85.0	89.3	86.1	80.5	74.1	50.8	45.0	62.8
1941	38.4	37.1	47.6	68.0	79.6	85.3	88.3	88.2	81.7	68.6	54.7	45.5	65.3
1942	39.1	36.3	74.7	69.1	73.4	81.4	86.1	83.5	76.3	67.3	54.8	35.2	63.1
1943	37.3	46.7	43.9	63.1	71.6	84.2	89.2	88.5	76.8	67.8	49.6	37.5	63.4
1944	42.7	43.4	47.0	60.8	78.6	87.5	88.3	86.5	78.9	69.7	51.4	32.7	64.0
1945	31.5	41.7	53.8	63.2	68.2	77.2	85.2	85.3	77.1	67.1	52.2	32.0	62.0
1946	39.4	44.5	65.2	68.1	68.2	83.3	87.5	80.3	80.1	74.1	55.2	45.8	66.0
1947	41.0	32.5	43.2	62.3	71.1	78.5	84.8	94.6	80.9	76.0	45.3	41.2	62.7
1948	32.7	39.3	50.0	63.6	73.9	84.3	87.4	88.1	82.1	64.5	53.1	41.2	63.9
1949	38.7	42.3	57.5	64.6	80.1	86.5	90.3	86.4	74.4	69.7	54.8	46.0	65.5
1950	44.1	39.6	47.7	57.0	77.7	82.1	84.2	81.3	76.5	73.6	44.9	30.4	61.6
1951	37.0	40.3	46.4	60.0	77.7	79.3	86.5	85.6	75.6	69.5	43.8	38.6	61.7
1952	40.2	44.7	43.0	65.8	73.8	90.9	91.6	96.1	92.9	65.1	53.6	40.9	65.3
1953	38.5	45.9	52.5	60.1	77.3	91.5	90.6	89.6	85.3	74.7	55.2	42.8	67.0
1954	38.2	50.0	47.6	71.5	72.7	89.3	94.9	87.0	86.9	68.6	53.8	41.8	66.9
1955	37.2	41.5	51.0	72.6	77.2	79.7	91.5	90.6	84.3	68.4	50.2	39.7	65.5
1956	37.4	40.9	54.0	63.5	77.6	85.6	84.7	85.9	82.3	78.4	53.9	43.8	65.7
1957	32.2	45.3	51.3	63.0	74.2	83.6	88.0	86.8	78.2	65.7	51.3	46.6	63.9
1958	37.2	35.5	44.7	65.5	77.0	79.2	83.3	86.8	80.2	71.5	57.1	36.0	62.8
1959	32.5	41.6	53.7	65.2	78.3	87.3	88.8	89.2	82.4	66.1	45.4	44.4	64.6
1960	37.3	34.1	35.9	68.1	70.9	81.9	86.3	87.1	85.1	69.5	54.7	35.6	62.4
1961	35.9	45.6	53.9	58.3	71.3	83.8	87.3	85.6	83.3	68.5	51.7	36.8	63.5
1962	29.9	40.2	45.0	64.2	82.9	85.8	85.7	87.1	77.8	70.3	53.2	37.7	63.4
MEAN	36.9	40.1	51.4	64.1	75.2	84.3	89.1	87.2	80.8	68.9	52.5	39.6	64.2

GREATEST MAXIMUM DAILY TEMPERATURE

73	75	79	93	101	105	113	106	104	96	83	70
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NUMBER OF DAYS OF 90 DEGREES AND ABOVE

MEAN	0	3	6	6	2	9	15	12	6	0	0	0	44
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DECATUR

AVERAGE MINIMUM TEMPERATURE

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1901	20.8	14.9	30.7	37.8	48.8	62.3	67.2	61.0	53.0	42.9	27.0	18.7	40.4
1902	17.7	8.1	34.3	37.9	55.7	58.3	64.0	60.2	51.9	45.5	40.4	21.7	41.3
1903	17.6	19.0	35.5	40.9	53.7	53.9	63.0	60.0	52.7	43.4	29.2	14.9	40.3
1904	11.3	14.7	31.3	36.1	51.3	58.2	61.5	58.7	55.8	42.8	30.6	20.8	39.4
1905	12.8	9.7	35.9	39.4	51.2	60.7	62.6	63.4	56.0	40.1	28.9	23.0	40.3
1906	24.9	19.3	23.3	43.2	51.7	59.3	60.8	64.8	57.3	42.5	30.1	24.0	41.8
1907	22.0	19.7	35.1	32.7	44.3	56.2	65.5	61.8	55.1	40.6	28.6	27.8	40.9
1908	21.0	21.3	33.9	41.4	53.9	59.2	64.0	61.6	56.5	42.7	33.4	24.4	42.8
1909	19.6	25.0	30.9	39.3	50.0	62.0	62.1	64.5	53.3	38.5	40.8	14.0	41.7
1910	20.9	13.1	36.8	40.2	46.5	57.4	64.9	60.6	55.4	44.5	25.1	16.7	40.2
1911	18.2	24.9	29.9	39.8	56.5	63.4	63.6	61.3	59.1	44.1	27.6	28.4	43.1
1912	7.0	16.4	24.0	42.7	54.1	57.1	65.2	61.8	56.6	43.9	33.2	25.2	40.6
1913	23.6	17.5	27.0	40.3	52.1	61.3	66.8	66.1	55.0	42.9	37.1	30.8	43.4
1914	26.3	10.8	26.4	42.0	54.2	64.9	66.9	65.0	55.0	47.4	34.4	17.2	42.5
1915	16.4	30.9	27.7	46.0	49.2	58.8	63.4	58.9	58.3	43.9	34.8	23.4	42.6
1916	20.7	18.4	28.5	39.9	52.3	55.1	67.8	64.8	52.5	41.0	32.9	17.1	40.9
1917	16.9	13.3	29.7	40.0	43.8	58.2	63.3	60.5	52.2	36.3	33.4	13.4	38.6
1918	4.3	21.2	34.9	37.2	55.0	59.9	61.2	67.7	48.5	48.2	34.5	31.1	42.0
1919	22.5	24.3	33.1	42.7	49.8	64.6	65.7	61.0	56.9	47.9	32.1	17.4	43.2
1920	15.4	23.0	32.6	37.9	51.8	60.6	63.1	61.5	58.3	49.0	32.9	25.8	42.7
1921	27.7	29.9	39.3	44.3	52.8	65.6	67.4	63.3	60.8	43.2	34.0	26.7	46.3
1922	15.5	23.7	4.2	43.6	55.6	60.9	62.9	61.7	56.2	45.3	35.7	22.9	43.2
1923	27.3	17.8	27.0	38.9	50.3	62.3	64.8	62.7	56.3	40.6	35.4	32.5	43.0
1924	11.5	22.4	29.2	42.9	46.7	59.7	59.8	62.5	50.8	45.7	32.9	16.3	39.9
1925	17.1	27.0	30.8	46.5	45.1	63.1	64.2	61.2	62.3	37.2	29.4	19.7	42.0
1926	20.7	26.5	24.7	34.9	52.0	55.3	64.0	64.6	58.4	44.4	29.0	21.5	41.3
1927	17.7	29.9	35.6	43.2	50.9	57.5	62.6	56.6	59.7	46.0	35.5	19.2	42.9
1928	19.6	24.4	31.0	36.9	50.5	56.2	64.8	64.0	48.9	47.0	35.3	25.7	42.1
1929	11.9	14.5	37.2	44.8	48.8	57.8	64.3	59.7	54.0	43.5	28.8	21.7	40.6
1930	11.8	31.0	28.7	43.7	52.7	59.5	64.7	62.9	57.5	42.6	38.1	25.5	43.2
1931	26.1	30.3	29.4	43.2	48.8	64.2	67.3	63.0	62.1	50.3	43.6	34.0	46.9
1932	29.5	29.9	25.1	42.2	52.5	62.5	65.5	63.1	53.9	44.1	27.9	22.2	43.2
1933	30.0	20.7	32.6	42.3	55.2	64.7	66.9	61.4	60.6	42.3	31.4	27.8	44.7
1934	26.2	17.3	27.3	41.3	54.1	66.7	69.1	64.7	55.0	45.9	38.2	22.3	44.0
1935	22.0	26.6	37.0	40.4	48.2	58.0	67.6	65.0	53.9	44.7	33.1	18.3	43.0
1936	13.0	9.7	33.6	37.4	55.5	58.9	69.3	67.4	60.5	44.7	29.3	26.8	42.2
1937	20.1	20.7	23.5	41.2	52.6	61.0	63.6	66.1	53.3	42.4	27.8	22.5	41.7
1938	20.7	31.5	38.4	43.6	51.9	59.5	65.5	66.9	58.2	48.4	34.9	25.1	45.4
1939	27.2	21.3	33.3	39.2	54.8	64.3	66.1	61.8	58.9	45.8	32.4	26.9	44.4
1940	7.6	25.4	29.8	40.4	48.9	63.1	64.7	64.7	53.0	48.0	30.8	29.9	42.2
1941	24.6	20.2	27.6	47.1	55.9	63.6	65.6	65.0	59.1	50.1	35.7	31.5	45.5
1942	19.8	22.5	35.0	45.6	53.1	63.2	66.9	63.5	56.2	45.3	36.5	20.0	44.0
1943	20.9	24.5	27.1	39.9	52.2	63.8	66.3	66.5	52.3	43.9	29.9	21.1	42.4
1944	26.1	25.4	29.4	40.8	58.2	65.4	63.3	64.6	56.8	43.7	36.6	17.7	44.2
1945	16.3	23.6	41.3	43.6	47.6	59.1	61.8	63.2	58.7	42.5	33.8	17.1	42.6
1946	21.4	25.1	43.3	44.5	50.6	61.4	65.2	60.2	54.3	48.0	36.5	27.5	44.9
1947	24.1	16.9	26.3	42.3	49.6	60.2	61.0	70.6	57.5	52.6	30.0	26.5	43.1
1948	14.8	21.4	31.9	46.3	49.5	50.9	65.4	63.2	58.0	42.5	36.4	26.9	43.1
1949	23.5	24.6	37.6	40.1	53.6	64.6	69.4	63.6	49.3	49.2	34.5	27.5	44.3
1950	25.3	23.6	28.7	37.0	54.0	61.2	62.0	59.6	56.4	48.5	27.4	15.4	41.6
1951	21.5	23.4	29.2	39.7	53.1	59.9	65.0	62.6	53.5	47.2	27.1	21.8	42.0
1952	23.0	28.3	29.6	41.1	51.9	67.0	67.5	62.8	54.1	37.5	34.7	28.1	43.8
1953	25.8	27.5	33.5	38.9	52.9	66.2	66.6	62.9	54.2	46.2	34.6	24.3	44.4
1954	21.4	30.1	28.3	45.1	48.2	66.2	68.9	65.7	57.9	46.8	33.7	27.4	45.0
1955	20.9	23.3	30.1	48.3	53.5	57.5	70.0	65.9	57.2	44.7	27.4	20.3	43.3
1956	18.6	25.0	30.7	38.4	54.5	61.6	63.8	64.0	52.7	48.4	31.2	28.9	43.2
1957	14.3	29.5	31.4	44.5	53.0	62.6	67.7	64.4	54.1	41.6	32.8	28.4	43.7
1958	22.0	14.5	29.5	41.7	50.6	57.0	65.3	64.9	56.6	44.5	35.9	17.1	41.6
1959	14.1	22.5	31.4	42.0	57.6	63.0	64.4	69.2	58.4	45.0	26.5	30.5	43.7
1960	23.3	21.0	17.9	43.9	49.9	59.9	61.7	62.5	60.8	44.0	33.6	18.5	41.4
1961	16.3	25.5	34.5	37.4	46.3	58.0	63.9	61.5	57.4	45.0	33.8	21.2	41.7
1962	12.6	23.6	28.9	40.7	60.1	62.1	63.5	62.6	53.9	47.5	33.6	17.2	42.2
MEAN	19.6	22.1	31.2	41.2	51.8	60.9	64.9	63.2	55.9	44.6	32.8	23.2	42.6

LOWEST MINIMUM DAILY TEMPERATURE

- 22 - 25 - 08 15 26 33 45 40 27 12 - 03 - 19

NUMBER OF DAYS OF 0 DEGREES AND BELOW

MEAN	3	2	0	0	0	0	0	0	0	0	0	0	1	6
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DECATUR

PRECIPITATION

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
1901	1.78	1.17	3.23	1.98	2.00	5.33	0.49	0.86	1.27	3.18	1.54	4.43	27.26
1902	1.06	1.42	3.93	2.26	2.80	9.03	2.43	7.01	4.98	2.08	2.45	3.83	43.28
1903	1.60	4.13	2.48	4.84	3.66	2.61	4.57	5.16	2.67	4.07	1.74	2.16	39.69
1904	2.73	1.23	7.29	3.39	2.67	2.18	4.44	5.55	3.48	0.18	0.07	1.84	41.15
1905	2.02	1.72	1.56	3.11	4.54	1.69	3.82	1.44	3.05	4.76	1.70	1.90	31.31
1906	3.34	1.90	4.93	3.02	6.73	1.78	3.45	5.35	3.47	2.46	4.63	3.51	44.27
1907	7.47	0.30	4.75	2.94	2.89	4.29	7.03	7.38	2.06	1.01	2.07	2.89	45.08
1908	1.64	4.29	3.87	4.54	13.23	3.81	2.25	1.25	1.27	0.71	2.09	1.67	37.62
1909	2.43	4.31	1.27	5.58	5.39	3.14	6.18	2.20	2.79	3.59	3.13	2.40	42.32
1910	1.95	1.72	0.58	3.00	7.16	3.27	3.23	3.81	3.94	2.20	2.84	1.98	35.68
1911	2.67	1.50	1.83	5.11	3.60	2.44	1.45	4.08	12.00	2.59	3.31	1.41	41.99
1912	1.34	1.64	4.60	5.80	3.25	3.41	2.67	4.12	1.50	3.22	2.09	0.97	35.61
1913	5.19	1.26	6.87	3.55	1.12	2.90	1.40	2.18	3.74	3.65	3.68	1.62	37.18
1914	2.69	3.93	1.00	3.85	0.53	0.61	2.50	2.86	3.26	1.74	0.64	2.39	25.10
1915	1.91	2.34	1.34	2.77	6.80	3.08	8.30	5.27	3.42	0.72	1.10	3.25	40.44
1916	6.17	1.16	1.59	1.53	5.28	2.72	0.11	2.72	2.89	2.25	2.08	1.53	30.03
1917	1.19	0.50	4.74	4.08	4.65	6.77	1.04	2.59	1.18	2.09	0.23	0.87	29.94
1918	2.16	7.04	0.60	5.39	3.21	4.66	3.89	3.97	4.26	2.45	1.74	3.01	37.66
1919	0.31	1.43	2.43	1.30	4.04	7.46	1.31	2.23	2.15	6.97	3.00	0.25	32.83
1920	1.93	0.62	5.21	5.16	6.01	1.21	1.79	2.22	3.07	1.65	0.65	3.64	32.26
1921	1.58	0.91	7.71	4.33	1.06	2.85	2.75	5.66	5.62	2.02	4.69	2.49	41.66
1922	1.33	0.72	9.82	7.40	2.42	1.25	3.53	1.78	1.04	2.47	3.21	2.37	37.84
1923	1.33	1.38	5.45	2.51	3.28	3.16	4.64	3.51	5.00	5.72	1.79	5.15	42.92
1924	2.05	1.43	3.41	2.63	3.49	5.81	1.35	3.75	2.04	2.32	1.39	5.85	35.52
1925	0.56	1.79	3.65	1.98	0.63	2.37	2.54	4.62	5.40	3.11	2.36	1.25	30.76
1926	1.86	3.12	2.67	5.16	3.98	4.98	2.23	7.47	16.56	6.18	3.09	1.36	58.60
1927	2.19	1.11	4.34	7.74	7.86	5.25	6.14	5.70	6.83	5.14	5.37	2.92	60.58
1928	1.65	3.60	1.74	3.67	2.92	4.88	3.95	2.01	3.55	3.86	2.41	2.96	36.40
1929	3.46	0.61	3.40	7.63	7.64	3.50	6.77	1.88	1.91	4.82	1.21	2.60	45.43
1930	4.40	1.24	1.70	3.03	2.41	2.89	1.54	4.00	4.05	1.22	2.01	0.21	29.34
1931	0.20	1.30	2.70	3.04	3.55	2.25	2.41	1.98	3.42	2.27	3.32	2.22	28.66
1932	2.54	1.07	1.39	2.52	1.61	5.95	3.27	3.94	3.40	3.06	1.27	3.19	33.71
1933	2.57	1.54	3.21	3.50	9.97	0.53	0.28	1.95	4.88	4.12	0.71	0.95	34.21
1934	1.34	0.26	3.32	0.94	0.30	1.90	4.34	4.07	7.85	1.70	4.06	2.09	32.77
1935	1.88	1.51	2.08	2.58	7.53	4.29	4.15	2.04	3.55	2.10	4.74	1.25	37.70
1936	1.64	2.64	2.06	2.62	2.11	0.93	2.15	2.78	5.70	3.75	3.70	2.95	33.08
1937	5.97	1.63	0.72	4.55	3.31	7.80	4.03	3.55	2.83	3.25	2.21	2.19	42.04
1938	1.27	3.39	5.66	3.66	4.64	3.30	5.32	1.55	2.51	3.99	1.09	1.87	38.25
1939	3.58	5.59	4.13	4.48	1.52	4.26	2.12	5.10	0.66	2.85	1.15	1.37	36.81
1940	1.31	0.77	1.77	4.71	4.07	2.52	2.45	5.82	0.17	2.13	2.88	1.92	30.52
1941	2.21	0.53	1.03	4.25	3.96	2.80	2.76	5.00	4.04	10.64	3.52	1.30	42.04
1942	1.35	3.45	2.85	2.80	3.69	6.46	5.34	0.99	4.36	2.57	5.25	2.17	41.28
1943	0.61	3.74	3.64	2.76	12.57	4.53	2.27	0.22	2.90	2.51	2.28	1.64	36.67
1944	0.33	3.49	3.92	8.29	3.62	2.41	1.52	3.45	5.61	0.99	1.97	1.49	37.00
1945	0.37	1.56	6.64	4.43	4.45	5.84	1.29	2.65	6.54	2.48	2.67	2.40	41.87
1946	1.34	2.43	2.93	3.07	7.59	5.27	2.62	4.57	1.82	3.23	4.85	1.68	40.90
1947	2.10	0.14	1.94	7.19	4.52	9.47	0.56	1.00	4.32	4.88	1.59	2.02	39.73
1948	1.08	2.30	5.69	3.16	5.10	5.33	3.76	2.25	1.86	2.16	3.16	2.45	38.31
1949	6.05	3.44	1.42	2.38	2.70	2.96	1.65	4.98	2.27	5.88	0.51	5.68	39.92
1950	7.31	3.11	2.13	3.51	1.77	5.74	5.08	2.12	3.29	2.37	2.85	1.53	40.81
1951	1.90	5.77	3.31	5.00	4.22	9.81	1.45	2.64	3.21	2.90	2.96	1.91	44.38
1952	2.39	2.33	3.83	4.95	5.28	5.20	1.88	1.76	1.01	1.71	2.88	1.88	36.15
1953	1.63	2.41	6.16	2.04	1.86	4.79	4.22	0.77	1.23	1.75	0.88	1.18	28.92
1954	1.69	1.14	2.49	3.85	2.24	3.44	2.30	5.51	0.84	3.70	0.57	1.45	29.22
1955	2.80	7.79	2.50	3.72	5.23	4.13	4.18	1.13	5.52	7.49	1.86	0.25	41.60
1956	0.71	2.39	0.97	3.75	3.92	2.54	4.11	5.79	0.14	0.59	2.62	2.72	30.25
1957	1.78	2.12	1.73	9.69	5.60	6.40	4.10	2.07	0.72	3.21	3.71	4.78	47.91
1958	1.51	0.68	1.37	2.79	4.26	9.92	7.73	1.88	2.55	0.52	4.93	0.43	38.57
1959	2.35	2.91	3.26	3.35	4.07	0.82	2.50	2.92	5.36	4.91	2.49	2.00	36.94
1960	1.74	2.18	1.81	4.64	3.84	6.34	2.12	2.52	1.90	1.55	2.98	1.82	33.44
1961	0.45	2.26	4.91	4.86	4.81	2.85	4.70	2.63	4.91	4.63	3.42	2.90	43.16
1962	3.66	1.91	3.59	1.17	4.66	1.65	4.19	4.74	2.02	2.63	2.08	0.70	33.00
MEAN	2.24	1.98	3.29	3.95	4.20	4.12	3.20	3.34	3.64	3.08	2.48	2.22	37.74

MAXIMUM 24-HOUR AMOUNT

2.25	2.42	3.35	3.23	3.33	3.40	3.03	4.40	4.66	3.49	3.70	2.72
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DAYS WITH 0.10 INCH OR MORE

MEAN	5	5	7	8	8	7	5	6	6	5	5	5	72
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DECATUR

SNOWFALL

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1901	3.9	6.4	0.5	0	0	0	0	0	0	0	T	6.4	17.2
1902	12.5	2.5	0.3	T	0	0	0	0	0	0	T	3.9	19.2
1903	10.4	14.4	1.0	2.0	0	0	0	0	0	0	1.5	3.5	32.8
1904	15.4	4.5	2.2	T	0	0	0	0	0	0	0	7.3	29.4
1905	5.3	13.6	T	T	0	0	0	0	0	T	T	2.5	21.4
1906	1.5	2.5	30.5	0	T	0	0	0	0	0	T	0.5	35.0
1907	2.0	3.0	9.0	T	0	0	0	0	0	0	T	10.9	24.3
1908	5.0	15.9	0	0	0	0	0	0	0	0	T	5.0	25.9
1909	11.2	5.2	0.5	T	T	0	0	0	0	0	T	10.5	27.4
1910	2.0	9.5	0	2.5	0	0	0	0	0	T	0	1.0	15.0
1911	5.0	4.0	T	T	T	0	0	0	0	0	2.5	2.0	13.5
1912	6.7	9.5	7.8	T	T	0	0	0	0	0	T	T	24.0
1913	2.2	7.9	9.5	T	0	0	0	0	0	0	1.0	T	24.1
1914	9.7	18.0	4.8	T	0	0	0	0	0	0	0	7.6	40.1
1915	11.0	T	2.3	0	0	0	0	0	0	0	2.5	14.0	29.8
1916	1.0	7.2	6.4	0	0	0	0	0	0	1.5	T	6.2	22.3
1917	2.5	1.0	T	0	T	0	0	0	0	0	T	11.9	15.4
1918	20.5	0.5	0	T	0	0	0	0	0	T	0	0.9	21.9
1919	1.0	4.5	4.0	T	0	0	0	0	0	0	T	0.5	10.0
1920	9.0	0.1	4.5	11.0	0	0	0	0	0	T	0.1	5.0	29.7
1921	3.5	1.2	T	2.0	0	0	0	0	0	0	T	2.9	9.6
1922	6.2	1.0	4.0	0	0	0	0	0	0	0	4.0	2.0	17.2
1923	3.3	3.2	1.0	1.0	T	0	0	0	0	0	0	T	8.5
1924	9.2	5.5	13.2	0.5	0	0	0	0	0	0	T	3.0	31.4
1925	4.5	4.0	2.0	0	0	0	0	0	0	1.5	1.3	3.4	16.7
1926	2.8	3.5	6.9	0.5	0	0	0	0	0	0	3.5	1.7	18.9
1927	12.4	0.4	T	T	0	0	0	0	0	0	3.0	3.0	18.8
1928	1.5	3.2	0.5	T	0	0	0	0	0	0	T	1.5	6.7
1929	4.5	3.5	T	0	4.0	0	0	0	0	4.0	T	11.0	27.0
1930	5.4	1.0	3.6	0	0	0	0	0	0	T	0.7	0.3	16.0
1931	1.0	T	12.5	0	0	0	0	0	0	0	4.0	T	17.5
1932	T	4.0	3.3	0	0	0	0	0	0	0	7.1	5.0	19.4
1933	T	1.7	4.2	T	0	0	0	0	0	0	T	0.9	6.8
1934	2.6	8.9	13.0	T	0	0	0	0	0	0	0	6.7	31.2
1935	T	T	1.2	T	0	0	0	0	0	0	T	4.6	5.8
1936	11.6	3.0	2.0	0.4	0	0	0	0	0	0	T	3.4	20.4
1937	5.1	4.1	2.4	T	0	0	0	0	0	T	6.7	0.1	18.4
1938	3.0	3.3	0	T	0	0	0	0	0	0	2.0	0.1	8.4
1939	13.1	3.1	T	T	0	0	0	0	0	0	T	7.5	23.7
1940	7.4	2.6	1.7	1.5	T	0	0	0	0	0	T	T	13.2
1941	4.0	7.5	2.0	0	0	0	0	0	0	0	3.7	2.0	14.2
1942	2.2	6.3	1.4	0	0	0	0	0	T	T	3.5	8.3	21.7
1943	3.5	0.6	2.3	T	0	0	0	0	0	T	0.1	11.3	17.8
1944	T	10.5	2.3	0	0	0	0	0	0	0	0.5	13.9	27.7
1945	8.2	5.2	T	T	0	0	0	0	0	0	0.3	9.1	22.8
1946	3.3	1.2	0	T	0	0	0	0	0	0	0	0.4	5.1
1947	0.9	1.2	6.4	0	0	0	0	0	0	0	0.4	0.8	9.7
1948	0.3	6.5	5.0	0	0	0	0	0	0	0	T	1.5	13.3
1949	0.6	2.5	1.5	T	0	0	0	0	0	0	T	T	4.6
1950	1.5	6.6	9.9	T	0	0	0	0	0	0	3.9	13.8	34.7
1951	3.2	5.3	7.9	1.0	0	0	0	0	0	T	13.5	8.2	39.1
1952	3.0	3.0	2.0	0	0	0	0	0	0	0	1.0	5.8	14.8
1953	2.6	T	6.0	0	0	0	0	0	0	0	0.4	2.5	11.5
1954	0.6	0.7	3.5	0.1	0	0	T	0	0	T	1.0	3.7	9.6
1955	4.4	2.5	M	0	0	0	0	0	0	T	1.1	3.0	M
1956	M	9.6	M	T	M	0	M	M	0	M	1.0	M	M
1957	M	M	M	M	M	M	M	0	M	M	M	4.5	M
1958	1.5	1.5	2.0	0	0	0	0	0	0	0	3.5	0.8	9.3
1959	M	3.0	6.1	0	0	0	0	0	0	0	1.0	0.7	M
1960	3.0	13.0	16.5	0	0	0	0	0	0	0	0.5	10.0	43.0
1961	2.8	7.0	1.0	M	0	0	0	0	0	0	2.3	M	M
1962	9.5	9.5	0.3	T	0	0	0	0	0	0	0	3.5	22.8

MEAN 4.9 4.7 4.0 0.4 0.1 0.0 0.0 0.0 0.0 0.0 0.1 1.3 4.4 19.9

MAXIMUM SNOW DEPTH ON GROUND, INCHES

15 10 20 6 1 0 0 0 0 0 4 11 12