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LOCAL CLIMATOLOGICAL DATA 1901-1962 HILLSBORO

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Illinois State Water Survey
LOCAL CLIMATOLOGICAL
DATA FDR HILLSBORO, IL.
1901-1962

CLIMATOLOGICAL SUMMARY

Hillsboro is a farming and commercial center and the county seat of Montgomery County. The surrounding area is part of the Springfield Plain Physiographic Section. The topography is generally flat with broad, shallow valleys. The topography has no effect on the weather and climate of the Hillsboro area.

The climate is classified as humid continental, which features large extremes in temperature and precipitation. Sudden changes in the weather occur 30 to 35 times a year when weather fronts pass through the area. The summers vary from warm to hot and the winters vary from cool to cold. Weather conditions vary from day to day, month to month, and year to year.

For instance, the average annual precipitation is 38.34 inches, but it has been as high as 52.89 inches (1957) and as low as 25.59 inches (1914). The wettest month normally is June, and it averages more than twice as much precipitation as February, the driest month normally. On the average, thunderstorms account for 44 percent of the average annual precipitation, and snowfall for another 4 percent. Precipitation in the warmer half-year (April-September) is normally 59 percent of the annual total. The largest 1-day rainfall recorded is 6.53 inches on October 18, 1905.

The average annual number of days with thunderstorms is 48. Hail usually occurs on 3 or 4 days per year, sleet on 6 days, and freezing rain on 4 days. Snowfalls of 1 inch or more in a 24-hour period normally occur on 5 days per 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 114 degrees on July 14, 1954, and the lowest -22 degrees on February 14, 1905. On the average, 46 days have maximum temperatures of 90 degrees or higher, and 4 days have minimums of 0 degrees or lower.

Normally the last spring day with a freezing temperature is April 22 and the first freezing temperature in the fall occurs on October 17, producing an average growing season of 177 days. Ten percent of the time the first freezing fall temperature will occur before October 1, and the last spring freeze after May 9. The average annual number of heating degree days is 4992.

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 Hillsboro, 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., State Water Survey climatologist.

HILLSBORO

AVERAGE TEMPERATURE

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1901	32.5	26.6	41.2	51.3	62.9	77.1	84.4	77.6	68.6	58.8	40.3	27.1	54.0
1902	27.6	21.3	44.8	51.8	69.6	71.4	77.8	73.9	64.4	59.3	50.5	30.6	53.6
1903	28.8	30.7	47.5	55.5	66.9	67.0	78.2	75.1	68.2	57.6	40.3	26.4	53.5
1904	23.3	26.9	42.5	47.2	63.3	70.6	74.6	73.0	69.4	57.9	45.4	33.5	52.3
1905	24.7	22.1	49.7	53.9	65.5	75.4	75.8	77.1	69.9	56.2	45.6	33.9	54.2
1906	36.0	31.5	33.0	57.2	66.6	71.0	75.5	78.4	73.3	57.5	42.9	35.8	54.9
1907	36.6	33.2	49.7	44.2	57.0	69.5	77.7	74.4	67.1	55.6	42.5	36.8	53.7
1908	33.6	32.3	49.3	53.8	64.9	71.6	76.3	76.3	72.1	57.8	47.3	37.4	56.1
1909	32.4	37.9	43.1	52.4	61.2	74.4	74.7	79.1	66.6	54.5	56.1	23.8	54.7
1910	31.0	29.6	55.4	52.8	58.7	69.9	76.3	73.4	68.4	60.5	40.5	30.1	53.9"
1911	34.2	37.8	45.2	51.0	68.8	78.0	77.5	74.6	72.1	56.8	37.3	M	M
1912	19.1	26.7	34.3	54.9	66.6	69.9	78.3	75.3	70.2	59.6	45.5	37.5	53.2
1913	34.6	29.8	41.2	53.1	65.9	76.8	80.9	81.2	70.0	55.1	52.1	38.7	56.6
1914	37.0	25.1	41.1	54.4	66.2	78.7	80.3	76.7	67.1	58.6	47.3	26.9	55.0
1915	26.5	39.6	37.2	59.2	61.3	69.7	73.9	68.4	69.4	57.7	48.6	32.1	53.6
1916	32.6	30.0	41.5	50.9	65.0	67.8	81.0	76.8	65.7	56.9	46.5	32.0	53.9
1917	32.5	28.9	45.3	52.9	57.6	69.6	76.1	72.7	65.6	48.1	45.6	23.2	51.5
1918	14.7	33.8	49.9	48.6	67.4	73.3	75.1	81.6	61.2	60.1	43.8	41.0	54.2
1919	34.0	35.3	45.6	55.9	61.6	76.4	79.4	75.5	71.9	59.5	42.7	27.2	55.4
1920	25.1	32.9	44.8	49.6	62.9	73.0	76.9	72.9	69.8	61.8	41.4	34.9	53.8
1921	37.0	39.5	53.2	57.1	65.9	77.8	81.5	76.1	73.7	54.3	45.0	36.5	58.1
1922	27.3	34.9	45.5	56.7	67.5	75.9	77.2	76.8	72.3	60.2	46.8	34.6	56.3
1923	37.1	28.7	41.3	53.8	63.2	74.3	77.8	75.9	68.0	52.9	45.8	42.8	55.1
1924	23.9	33.2	38.4	57.4	58.7	72.6	73.2	76.7	64.5	61.7	45.7	28.3	52.9
1925	28.6	38.9	46.4	61.3	61.9	77.2	77.6	76.0	76.8	49.6	42.2	32.2	55.7
1926	32.6	37.5	38.4	48.9	67.3	70.4	79.5	78.9	71.1	57.7	38.9	31.3	54.4
1927	29.2	42.5	46.6	56.4	63.9	70.1	75.9	70.1	73.2	61.2	48.6	31.4	55.8
1928	31.8	35.9	43.8	51.2	65.7	68.1	77.8	77.5	65.0	60.2	45.7	36.7	55.0
1929	26.2	25.8	50.7	57.9	62.0	71.3	78.1	74.2	67.7	56.0	39.8	33.1	53.6
1930	22.6	43.7	42.7	59.0	66.7	73.3	81.3	78.8	71.5	54.7	45.5	33.6	56.1
1931	35.2	39.3	38.8	55.3	61.0	77.2	81.1	75.9	75.1	60.8	52.8	41.9	57.9
1932	37.9	41.7	37.4	56.2	65.9	74.8	79.1	76.0	67.7	56.6	37.9	32.3	55.3
1933	40.5	32.4	43.5	54.5	66.3	79.0	80.5	75.9	75.7	55.8	43.7	37.6	57.1
1934	35.4	28.3	40.1	55.3	68.7	79.8	83.3	76.6	65.8	59.8	48.4	30.7	56.0
1935	32.8	36.6	50.0	51.3	59.8	69.3	79.8	76.7	67.8	57.5	42.3	27.8	54.3
1936	23.8	23.4	47.1	51.0	68.5	73.7	84.4	83.5	73.5	57.7	41.8	36.5	55.4
1937	30.2	32.4	40.7	54.9	64.9	73.0	75.9	78.8	68.1	55.1	40.3	30.3	53.7
1938	30.7	41.8	51.8	56.5	63.8	71.1	78.1	79.0	71.3	62.3	46.2	34.7	57.3
1939	37.5	33.8	46.9	51.7	66.4	73.3	77.0	73.5	73.2	59.3	42.8	36.9	56.0
1940	16.9	32.7	42.0	52.6	61.1	73.4	76.4	75.8	68.0	61.6	42.0	38.6	53.4
1941	33.5	30.6	39.2	58.3	68.0	74.9	78.2	79.2	71.2	61.4	45.5	39.6	56.6
1942	31.1	31.8	47.0	58.5	63.9	72.9	77.4	74.4	67.8	58.4	47.7	30.5	55.1
1943	31.3	38.4	39.6	54.2	63.4	75.5	78.1	78.6	65.2	56.9	41.4	30.7	54.4
1944	35.0	37.5	41.1	52.6	68.6	77.2	77.1	76.5	69.1	57.9	46.4	27.7	55.6
1945	27.4	35.9	54.0	56.1	59.8	69.2	74.4	75.2	69.4	55.8	45.0	27.1	54.1
1946	32.7	38.8	55.9	58.3	61.2	74.0	77.0	70.9	67.8	61.1	47.1	39.1	57.0
1947	35.2	28.1	36.4	54.5	62.0	71.2	73.6	82.7	70.0	64.2	39.8	36.6	54.5
1948	25.9	32.3	44.0	59.2	62.6	73.3	76.4	74.7	69.7	54.4	46.7	36.9	54.7
1949	32.8	35.6	42.9	53.4	67.0	74.9	79.4	74.7	62.3	58.7	45.9	38.2	55.5
1950	37.5	34.8	40.8	50.1	66.0	71.7	72.8	70.5	66.1	61.5	37.3	25.8	52.9
1951	31.3	33.9	39.5	50.5	65.1	70.3	76.4	74.5	65.3	58.5	36.8	32.0	52.8
1952	35.2	36.5	41.3	54.1	63.7	79.6	78.9	74.8	68.3	52.9	45.4	36.2	55.7
1953	35.5	39.5	46.1	52.3	66.3	79.1	78.2	75.5	70.1	60.4	45.8	36.0	57.1
1954	32.2	42.8	41.0	61.4	M	78.1	82.5	77.7	73.5	57.8	44.9	37.2	M
1955	31.9	35.0	43.9	61.2	67.2	70.7	82.3	78.8	72.1	59.4	43.0	33.5	56.6
1956	28.0	36.4	44.5	52.9	66.9	75.2	77.1	76.9	66.6	63.2	44.6	38.6	55.9
1957	26.1	38.8	43.4	55.7	64.1	74.1	78.6	77.0	66.8	54.2	42.8	39.7	55.1
1958	31.2	25.5	37.9	54.3	63.8	70.3	74.9	76.2	67.6	57.8	49.3	29.1	53.2
1959	26.8	35.0	44.1	54.8	68.2	74.0	75.7	78.3	69.3	56.3	37.2	38.5	54.9
1960	32.6	30.2	28.8	56.6	60.5	71.3	74.1	76.7	72.1	58.1	44.5	29.3	52.9
1961	28.2	36.6	46.1	50.6	59.3	71.6	76.4	73.9	70.0	57.8	43.2	30.1	53.7
1962	22.6	34.9	38.9	52.3	71.5	73.6	75.1	73.8	65.1	59.1	43.6	30.1	53.4
MEAN	30.6	33.6	43.6	54.2	64.4	73.4	77.8	76.1	69.1	57.9	44.3	33.4	54.9

HILLSBORO

AVERAGE MAXIMUM TEMPERATURE

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1901	40.6	34.0	49.0	61.9	73.6	88.5	97.6	90.0	81.8	71.1	50.1	33.6	64.3
1902	34.8	30.3	53.5	62.3	79.7	81.7	88.7	84.2	75.0	70.4	56.1	36.8	63.0
1903	36.5	39.4	57.5	66.9	77.6	76.5	89.5	85.4	80.1	68.6	50.7	36.2	63.7
1904	32.8	35.8	52.4	58.2	74.9	81.3	86.4	85.9	82.3	70.2	58.1	43.2	63.5
1905	32.9	31.8	61.4	65.8	77.4	88.5	86.8	89.5	81.5	68.4	57.4	42.2	65.3
1906	45.6	43.0	40.5	69.1	79.6	81.5	89.6	91.6	87.1	69.2	52.7	43.2	66.1
1907	45.2	42.6	62.4	54.9	69.4	80.9	89.4	85.9	79.0	67.4	53.5	43.8	64.5
1908	42.8	40.1	60.4	65.1	75.4	82.9	88.1	90.3	67.8	71.9	57.9	47.3	67.5
1909	40.6	47.6	54.0	64.6	72.5	85.8	86.5	93.2	79.9	67.0	67.5	31.4	65.9
1910	37.9	40.0	69.6	64.1	69.4	81.7	87.4	85.7	79.9	73.5	51.6	38.9	64.9
1911	43.0	46.8	57.7	61.2	81.8	92.1	91.8	87.0	83.1	66.9	44.7	44.2	66.7
1912	27.8	35.1	43.3	66.3	78.0	82.1	90.1	86.9	83.1	73.8	55.9	47.3	64.1
1913	43.4	39.6	51.6	64.0	78.8	90.9	93.8	96.1	83.3	65.2	59.6	44.9	67.6
1914	44.8	34.5	51.1	64.0	78.0	91.5	94.3	87.9	78.1	68.6	56.6	33.1	65.4
1915	34.9	46.8	45.6	70.6	70.9	79.1	82.6	77.1	80.0	70.4	60.0	39.3	63.1
1916	42.3	39.0	52.6	60.3	75.7	77.7	94.0	88.0	77.4	69.8	57.5	41.2	64.6
1917	42.4	39.5	56.4	62.5	68.4	80.0	88.4	84.9	78.9	59.6	55.4	32.0	62.4
1918	23.6	44.1	64.3	58.1	77.7	85.7	88.9	94.1	73.8	70.4	52.3	49.3	65.2
1919	44.0	44.1	56.1	67.9	72.4	87.5	93.3	88.8	85.9	70.1	52.6	35.9	66.5
1920	32.8	41.1	54.9	60.0	73.7	85.4	90.4	85.4	81.6	74.4	51.0	43.0	64.5
1921	44.7	47.9	65.2	68.2	77.8	89.3	94.9	87.6	84.2	65.8	55.1	44.6	68.8
1922	37.7	43.9	55.0	68.1	79.0	89.4	90.0	90.9	87.7	74.2	56.6	45.0	68.1
1923	44.5	37.6	53.5	66.6	75.6	85.5	90.6	88.5	79.4	65.3	55.9	52.4	66.3
1924	34.6	42.7	46.9	70.7	71.4	84.1	86.1	90.2	78.1	77.9	57.0	36.8	64.7
1925	37.6	48.3	59.0	74.5	76.8	89.5	89.4	90.4	89.4	59.0	53.1	42.2	67.4
1926	41.5	46.0	48.7	60.3	80.8	82.9	93.9	91.9	81.4	68.9	48.2	39.3	65.3
1927	37.6	53.1	56.0	66.1	74.6	80.8	88.0	82.4	85.9	75.2	59.0	41.4	66.7
1928	41.4	45.0	55.4	62.9	79.3	78.1	89.6	89.5	79.9	71.3	54.7	45.9	66.1
1929	36.9	35.6	62.6	69.3	73.4	83.4	89.8	87.6	80.8	67.2	48.9	41.9	64.8
1930	31.4	54.6	54.6	72.0	78.9	86.9	96.5	94.3	84.0	65.3	55.5	41.5	67.9
1931	44.4	49.2	47.7	67.7	72.9	90.2	95.1	88.9	87.6	71.4	61.8	49.8	68.9
1932	45.9	52.1	47.8	68.8	79.2	87.4	92.6	88.0	81.2	69.1	48.9	41.8	66.9
1933	50.1	43.0	53.8	65.6	76.0	94.0	94.3	89.9	88.5	68.2	54.9	46.5	68.7
1934	44.1	38.3	50.8	67.3	82.5	92.9	96.6	87.9	75.7	72.9	57.9	37.3	67.0
1935	41.6	45.4	60.4	60.7	68.9	79.2	90.8	87.4	80.8	68.5	50.1	34.5	64.0
1936	31.6	33.2	58.2	63.2	80.5	87.3	97.8	97.0	84.4	68.3	52.5	45.3	66.6
1937	38.6	40.6	51.3	66.2	75.7	83.1	86.8	90.6	80.9	65.7	50.6	35.4	63.8
1938	38.4	49.5	62.6	67.0	73.5	80.3	89.3	90.1	83.4	76.7	57.3	42.7	67.6
1939	45.6	43.6	58.4	61.5	77.3	81.7	86.7	83.6	86.2	72.6	52.7	45.7	66.3
1940	24.9	38.4	51.0	63.1	71.8	83.1	87.6	85.9	82.4	74.9	51.3	46.1	63.4
1941	40.4	39.0	49.4	68.7	79.5	85.6	89.4	91.5	82.8	70.0	54.7	46.6	66.5
1942	40.5	39.0	57.6	70.4	74.0	81.6	86.5	84.2	79.0	69.7	57.1	38.1	64.8
1943	39.7	50.4	50.7	66.3	72.7	84.2	89.0	89.9	76.8	69.0	52.5	38.5	65.0
1944	43.9	47.5	50.6	63.1	78.4	88.3	89.6	88.1	79.6	70.9	53.3	34.8	65.7
1945	34.4	45.4	65.1	65.6	69.5	77.6	85.4	86.4	79.0	67.3	53.7	34.3	63.6
1946	41.5	49.4	66.8	70.2	70.7	84.7	88.3	80.4	80.1	74.1	56.3	47.9	67.5
1947	43.7	37.0	44.8	65.0	73.2	80.4	84.5	94.3	82.0	75.7	46.8	44.8	64.4
1948	35.0	41.6	53.6	70.6	73.7	84.7	86.0	85.8	80.8	66.3	55.6	45.7	65.0
1949	40.1	44.5	53.2	64.4	78.4	85.1	88.4	85.5	74.7	68.9	56.8	48.4	65.7
1950	47.3	43.0	50.8	60.8	76.6	81.5	83.7	80.9	76.4	74.6	47.5	34.8	63.2
1951	40.6	43.4	49.1	62.1	78.6	80.7	86.5	85.9	76.7	70.4	45.9	40.8	63.4
1952	44.3	48.7	51.9	66.5	75.1	91.9	91.2	86.4	82.9	68.1	55.8	43.2	67.2
1953	42.4	50.2	56.6	63.6	77.6	90.9	90.3	89.0	86.1	75.3	57.5	46.8	68.9
1954	42.1	54.1	52.5	74.9	M	91.1	97.5	89.9	88.6	69.3	55.7	44.9	M
1955	40.1	44.1	55.1	72.8	79.3	82.8	93.6	92.2	87.0	70.5	53.2	44.2	67.9
1956	38.2	45.5	57.8	66.2	79.1	87.6	87.6	89.5	82.3	78.8	55.5	46.7	67.9
1957	34.5	47.3	53.7	64.7	74.5	84.4	88.9	88.5	79.0	67.3	51.7	48.8	65.3
1958	38.6	35.2	44.4	65.2	76.3	81.6	84.1	86.5	78.6	70.5	60.3	37.9	63.3
1959	35.1	44.4	55.6	66.6	78.1	86.1	88.0	89.0	81.4	67.7	47.0	46.1	65.4
1960	39.6	37.5	38.3	69.0	70.8	82.5	85.6	88.2	84.7	69.7	55.2	37.8	63.2
1961	38.1	46.4	55.7	60.9	70.9	84.0	87.7	85.1	82.8	69.6	52.7	38.9	64.4
1962	33.1	45.5	48.8	64.9	83.6	85.0	86.4	87.2	77.4	70.7	53.3	40.2	64.7

MEAN 39.3 42.9 54.1 65.5 75.8 84.7 89.7 88.1 81.6 70.0 54.3 41.8 65.7

GREATEST MAXIMUM DAILY TEMPERATURE

75 79 90 91 98 106 114 112 105 95 83 73

NUMBER OF DAYS OF 90 DEGREES AND ABOVE

MEAN 0 0 0 0 2 9 16 13 6 0 0 0 46

HILSBGRO

AVERAGE MINIMUM TEMPERATURE

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1901	23.8	18.8	33.0	40.1	51.5	65.2	70.6	64.7	54.9	46.0	30.0	19.9	43.2
1902	19.9	11.8	35.6	41.0	58.9	60.6	66.5	63.0	53.5	47.8	42.4	23.9	43.7
1903	20.6	21.6	37.2	43.5	55.7	57.0	66.4	64.4	55.9	46.1	28.9	15.8	42.8
1904	13.2	17.4	32.2	35.7	51.3	59.5	62.4	59.6	56.1	45.2	32.4	23.5	40.7
1905	16.1	12.0	37.6	41.4	53.1	61.9	64.1	64.3	57.6	43.5	33.2	25.2	42.5
1906	25.9	19.5	25.1	44.8	53.0	60.1	61.0	64.5	59.0	45.1	32.5	27.9	43.2
1907	27.5	23.4	37.9	33.8	44.5	57.8	65.6	62.4	54.6	43.5	31.0	29.4	42.6
1908	23.8	24.1	37.5	41.9	54.0	59.8	64.1	61.8	55.8	43.2	36.0	26.9	44.1
1909	23.7	27.6	31.5	39.7	49.3	62.3	62.3	64.5	52.8	41.4	42.4	15.6	42.8
1910	23.5	18.7	41.4	40.9	47.5	57.7	64.8	60.6	56.3	47.1	28.7	20.8	42.3
1911	24.9	28.4	32.1	40.1	55.3	63.4	62.7	61.6	60.6	46.2	29.5	M	M
1912	9.8	17.9	24.8	43.1	54.8	57.1	65.7	63.1	56.5	45.1	34.4	27.2	41.6
1913	25.2	19.4	30.3	41.6	52.3	62.4	67.3	66.0	56.2	44.4	44.0	32.0	45.1
1914	28.7	15.3	30.5	44.3	53.7	65.4	65.8	65.0	55.4	48.0	35.7	20.1	44.0
1915	17.7	32.1	28.2	47.3	51.2	59.8	64.8	59.4	58.3	44.5	36.5	24.5	43.7
1916	22.4	20.2	29.9	41.1	53.9	57.1	67.4	65.2	53.3	43.6	35.1	22.2	42.6
1917	22.2	17.9	33.8	42.0	46.1	58.6	63.5	60.1	51.6	36.2	35.4	13.8	40.1
1918	5.2	22.9	35.1	38.4	56.4	60.3	61.0	68.8	48.3	49.4	35.0	32.3	42.8
1919	23.6	25.7	34.5	43.6	50.4	64.8	64.8	61.7	57.3	48.6	33.0	17.9	43.8
1920	16.8	24.2	34.1	38.7	51.7	60.1	62.8	59.9	57.6	48.6	31.3	26.4	42.7
1921	28.5	30.7	40.8	45.5	53.6	65.6	67.4	64.0	62.5	42.1	34.4	27.9	46.9
1922	16.4	25.4	35.5	44.7	55.5	61.8	63.8	62.4	56.3	45.6	36.7	23.8	44.0
1923	29.0	19.2	28.5	40.5	50.4	62.6	64.5	62.8	56.1	40.0	35.3	32.8	43.5
1924	12.6	23.3	29.4	43.6	45.5	60.5	60.0	62.6	50.5	45.0	33.9	18.9	40.5
1925	19.1	29.0	33.2	47.5	46.4	64.5	65.4	61.0	63.6	39.7	30.9	21.6	43.5
1926	23.0	28.4	27.5	36.9	53.5	57.3	64.7	65.6	60.2	46.0	29.0	22.7	42.9
1927	20.1	31.3	36.7	46.1	52.7	58.8	63.1	57.2	60.0	46.8	37.6	20.9	44.3
1928	21.6	26.3	32.5	38.8	51.5	57.4	65.7	64.7	49.5	48.7	36.4	26.8	43.3
1929	15.1	15.4	38.2	45.9	50.4	58.7	65.9	60.3	54.1	44.4	30.1	23.7	41.9
1930	13.4	32.6	30.7	45.5	54.1	59.3	65.6	62.7	58.4	43.6	34.9	25.5	43.9
1931	25.5	28.8	29.4	42.7	48.5	63.7	66.5	62.3	62.2	49.8	43.2	33.4	46.3
1932	29.5	30.8	26.5	43.1	52.2	61.8	65.0	63.5	53.4	43.5	26.4	22.3	43.2
1933	30.5	21.3	32.9	42.8	56.2	63.5	66.3	61.4	62.2	42.9	32.0	28.4	45.0
1934	26.2	17.6	28.8	42.8	54.3	66.2	69.5	64.7	55.4	46.4	38.3	23.5	44.5
1935	23.5	27.4	39.2	41.4	50.2	58.8	68.2	65.6	54.4	46.1	34.0	20.8	44.1
1936	15.3	13.3	35.5	38.4	55.9	59.6	70.5	69.4	62.0	46.6	30.5	27.5	43.7
1937	21.3	23.8	29.6	43.0	53.7	62.3	64.5	66.5	54.9	44.0	29.5	24.6	43.1
1938	22.5	33.5	40.3	45.3	53.7	61.5	66.5	67.6	58.7	47.4	34.7	26.1	46.5
1939	28.8	23.4	34.9	41.5	55.0	64.5	66.8	62.9	59.7	45.6	32.3	27.5	45.2
1940	8.5	26.6	32.3	41.5	50.0	63.1	64.6	65.2	53.2	47.9	32.1	30.5	43.0
1941	26.3	21.8	28.5	47.3	56.0	63.6	66.3	66.4	59.2	52.2	35.9	32.2	46.3
1942	21.2	24.3	35.6	46.2	53.5	63.8	67.6	64.0	55.9	46.6	37.9	22.5	44.9
1943	22.4	25.8	28.1	41.7	53.8	66.4	66.7	66.8	53.1	44.3	30.2	22.2	43.5
1944	25.6	27.0	31.1	41.5	58.4	65.7	64.0	64.5	58.1	44.4	39.2	20.1	45.0
1945	19.9	26.1	42.5	46.0	49.7	60.3	62.9	63.5	59.4	43.8	35.7	19.3	44.1
1946	23.5	27.5	44.6	46.1	51.2	62.9	65.1	61.0	55.0	47.6	37.5	29.7	46.0
1947	26.2	18.8	27.4	43.5	50.4	61.5	62.1	70.5	57.4	52.3	32.3	28.1	44.2
1948	16.3	22.4	33.7	47.5	51.0	61.4	66.4	63.2	58.2	42.0	37.4	27.5	43.9
1949	25.1	26.2	32.3	41.9	54.9	64.1	69.8	63.4	49.5	47.9	34.5	27.3	44.7
1950	27.3	26.2	30.4	38.9	54.8	61.6	61.4	59.5	55.3	47.8	26.7	16.3	42.2
1951	21.7	23.9	29.2	38.6	51.2	59.3	65.4	62.5	53.3	46.2	27.3	22.8	41.8
1952	25.5	27.8	30.1	41.0	51.9	66.9	66.1	62.8	53.2	37.7	34.8	28.7	43.9
1953	28.2	28.3	35.0	40.6	54.4	66.6	65.7	61.4	53.5	44.9	33.5	24.7	44.7
1954	21.8	30.9	29.2	47.3	M	64.6	66.9	65.1	57.9	45.9	33.6	28.5	M
1955	23.5	25.4	32.1	49.1	54.7	58.2	70.7	65.0	56.5	47.7	32.3	21.1	44.7
1956	17.2	27.0	32.0	39.1	54.5	62.5	65.7	64.1	51.2	46.8	33.0	30.1	43.6
1957	17.2	29.8	32.7	46.4	53.3	63.5	67.9	64.9	54.0	40.3	33.3	30.0	44.4
1958	23.3	15.5	31.0	43.0	51.0	58.6	65.4	65.2	56.1	44.5	37.0	19.6	42.5
1959	17.5	25.2	32.0	42.9	57.7	61.3	62.8	67.0	56.6	44.6	26.9	30.3	43.7
1960	25.1	22.3	18.8	43.6	49.5	59.5	62.1	64.7	59.3	45.9	33.4	20.4	42.1
1961	17.7	26.4	36.1	39.7	47.1	58.7	64.5	62.0	56.8	45.5	33.1	20.8	42.4
1962	12.0	24.0	28.5	39.1	59.1	61.5	63.3	60.0	52.2	47.1	33.5	19.7	41.7

MEAN 21.4 23.9 32.7 42.4 52.6 61.5 65.3 63.6 56.1 45.3 33.8 24.5 43.6

LOWEST MINIMUM DAILY TEMPERATURE

- 21 - 22 - 10 18 28 37 45 42 27 17 - 05 - 16

NUMBER OF DAYS OF 0 DEGREES AND BELOW

MEAN 2 1 0 0 0 0 0 0 0 0 0 0 1 4

HILLSBORD

PRECIPITATION

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
1901	1.92	1.98	3.05	2.15	1.46	2.54	1.93	4.26	1.03	2.31	1.72	3.66	28.01
1902	6.82	0.89	4.95	2.79	3.31	8.93	1.39	5.71	5.32	2.52	3.34	4.00	43.97
1903	1.19	3.16	2.22	3.57	2.83	4.26	2.56	5.63	1.87	1.78	0.61	3.05	32.73
1904	3.15	6.90	6.53	5.05	4.14	4.54	5.38	4.41	5.44	0.62	0.09	1.01	41.26
1905	2.98	0.86	1.63	3.21	4.67	1.96	5.32	2.53	3.16	9.72	1.65	2.15	39.84
1906	3.56	2.42	4.47	2.08	3.15	4.85	0.50	2.37	5.83	1.65	4.25	2.02	37.15
1907	4.89	0.55	1.90	2.78	7.00	4.88	7.53	5.81	0.96	3.90	1.77	3.36	45.33
1908	2.09	4.76	2.10	5.03	8.28	4.53	2.52	0.78	1.54	0.10	1.85	1.62	35.20
1909	2.30	4.85	2.78	7.81	4.33	3.79	6.25	1.04	6.45	3.79	6.23	2.16	51.78
1910	2.26	2.76	T	5.19	6.03	3.57	4.20	5.19	6.14	5.00	1.05	1.45	42.84
1911	1.93	2.78	1.92	4.95	1.50	1.28	2.78	4.14	7.46	4.08	2.71	1.94	37.47
1912	1.01	2.19	S.24	7.64	3.24	3.03	3.67	2.00	1.51	1.75	1.85	0.50	33.63
1913	6.84	1.40	7.97	2.80	1.27	3.18	1.96	1.87	7.22	3.33	4.59	0.72	43.15
1914	1.64	3.59	0.50	2.97	0.13	1.07	2.93	4.46	2.31	3.25	1.11	1.63	25.59
1915	2.56	2.03	0.38	4.48	9.66	6.89	5.38	13.12	1.55	0.43	1.33	3.16	50.97
1916	7.98	0.93	1.07	1.36	2.60	5.29	0.73	6.58	2.47	2.22	1.93	1.93	35.09
1917	1.58	0.62	2.45	5.95	6.44	2.58	1.32	2.97	2.08	2.69	0.58	0.59	29.85
1918	1.55	1.54	0.45	5.24	3.60	1.42	2.08	4.44	6.86	2.92	2.74	2.67	35.51
1919	0.08	1.76	2.11	1.40	9.07	6.45	0.34	2.54	4.45	7.69	3.16	0.68	39.73
1920	1.61	1.56	5.35	2.18	6.66	2.27	2.47	4.34	3.63	1.21	0.34	2.97	33.99
1921	0.86	0.71	6.56	5.81	1.88	3.70	1.80	4.46	4.23	1.76	4.30	3.21	39.28
1922	1.18	0.97	8.21	6.37	2.36	1.78	3.35	1.42	1.72	2.66	2.41	3.55	35.98
1923	1.54	1.08	5.63	2.66	4.00	5.75	3.04	3.09	7.32	4.32	2.02	4.12	44.57
1924	2.37	1.13	2.41	0.65	4.54	6.20	2.64	2.76	3.46	1.38	2.57	5.74	35.85
1925	0.41	1.48	3.47	2.92	1.36	5.55	3.46	1.85	2.02	5.33	3.20	1.41	32.46
1926	1.31	2.76	2.53	3.09	2.23	4.37	0.83	3.88	9.07	4.37	3.49	1.44	39.37
1927	2.66	0.73	5.67	9.02	6.25	3.31	4.11	3.85	2.97	3.51	5.81	2.55	50.44
1928	1.56	2.94	1.93	3.89	1.19	7.86	5.08	3.16	3.00	3.41	1.83	2.57	38.42
1929	3.20	0.84	3.95	5.75	11.15	3.70	3.52	2.26	2.15	6.05	0.92	3.53	47.02
1930	6.20	1.47	1.31	3.05	1.44	2.91	0.52	1.12	3.47	1.80	1.83	0.78	25.90
1931	0.29	1.56	2.13	2.83	4.14	1.49	1.94	4.49	3.33	4.34	3.98	2.37	32.89
1932	2.92	1.75	1.72	2.57	0.76	4.68	2.71	7.49	1.67	4.44	1.99	2.82	35.52
1933	3.52	2.19	3.96	3.44	8.87	0.18	1.01	2.81	3.60	3.90	1.17	1.27	35.92
1934	1.43	1.16	2.83	1.70	1.36	4.98	4.22	3.72	5.05	1.72	4.56	1.56	34.29
1935	2.40	1.38	5.92	3.02	9.78	3.79	6.64	1.15	4.86	2.70	3.66	0.89	46.19
1936	1.42	2.00	2.20	3.04	1.73	3.12	1.08	1.34	5.84	3.57	2.70	2.25	30.29
1937	6.50	1.61	0.99	6.36	3.05	5.26	3.06	1.09	2.62	4.56	1.94	2.41	39.45
1938	1.05	2.64	9.26	3.34	5.09	5.76	2.66	4.83	0.94	0.83	1.79	2.01	40.20
1939	4.28	4.07	3.08	4.38	1.30	5.46	3.08	9.45	0.43	0.87	1.94	1.29	39.63
1940	1.05	1.10	2.12	2.81	3.98	2.53	2.02	6.17	0.11	1.87	3.05	2.75	29.56
1941	2.23	0.51	0.54	4.89	1.36	4.65	1.86	1.81	5.33	6.56	3.40	1.00	34.14
1942	t.55	3.28	2.24	2.33	3.93	7.49	5.07	2.18	2.20	2.39	6.19	3.36	42.21
1943	0.54	1.32	3.40	2.21	12.50	6.16	2.20	0.40	2.04	2.14	1.45	1.68	36.04
1944	0.09	2.25	3.05	9.83	4.29	0.62	2.02	4.49	4.80	0.69	2.29	1.61	36.03
1945	0.99	2.60	8.54	5.01	3.95	11.16	1.68	3.51	8.24	2.24	2.41	1.89	52.22
1946	1.85	2.50	3.37	2.69	6.76	4.94	2.51	6.54	2.19	3.11	7.13	2.75	46.34
1947	2.01	0.09	2.15	7.05	3.83	4.86	0.68	1.34	4.09	3.00	2.52	1.34	32.96
1948	1.51	2.12	5.25	2.03	4.88	4.43	8.34	1.69	3.77	3.59	4.55	2.82	44.98
1949	6.87	3.55	3.71	1.80	3.49	3.93	5.56	2.60	2.89	6.65	0.17	5.22	46.44
1950	8.74	4.69	2.68	3.35	2.16	6.17	3.00	4.42	2.55	2.96	2.96	0.93	44.61
1951	1.54	6.31	3.62	4.11	2.10	10.52	3.44	3.83	2.79	2.18	2.89	1.35	44.68
1952	1.84	2.13	3.76	4.22	2.01	1.02	3.13	2.24	3.16	0.29	2.78	1.70	28.28
1953	1.53	2.45	4.57	2.57	3.51	3.39	2.64	0.78	1.20	1.90	0.77	0.49	25.80
1954	1.59	0.80	1.47	3.31	1.69	2.44	2.07	3.98	1.45	5.94	0.86	1.97	27.57
1955	2.02	3.14	2.31	4.87	2.57	3.78	5.57	0.96	2.46	5.55	2.40	0.55	36.18
1956	0.76	3.82	1.08	3.98	4.40	3.66	4.14	4.91	0.54	0.53	2.57	3.85	34.24
1957	1.32	1.56	1.61	8.67	6.40	12.09	3.34	4.51	0.99	5.84	3.28	3.28	52.89
1958	1.41	1.14	2.20	2.94	2.84	4.01	10.98	3.75	3.40	0.97	4.39	0.05	38.08
1959	2.94	3.31	2.74	2.59	7.73	0.40	2.88	4.31	2.66	4.30	3.82	2.59	40.27
1960	1.90	2.02	2.71	2.85	5.65	5.92	2.42	2.95	0.83	2.96	1.59	2.11	33.91
1961	0.47	1.87	5.21	3.00	6.48	0.67	6.79	4.14	4.62	2.35	3.30	2.87	41.77
1962	4.45	2.08	3.38	1.67	7.14	3.87	4.72	2.12	3.48	4.98	1.50	1.78	41.17

MEAN 2.35 2.07 3.27 3*89 4.28 4.29 3.28 3.58 3.40 3.15 2.60 2.18 38.34

MAXIMUM 24-HOUR AMOUNT

2.47 2.28 3.19 3.62 3.90 4.08 4.07 5.49 3.50 6.53 2.82 2.45

DAYS WITH 0.10 INCH OR MORE

MEAN 5 5 6 7 8 7 5 5 5 5 5 5 68

HILLSBORO

SNOWFALL

YEAR	JAN.	FEB.	MAR.	APR.	HAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1901	0.7	7.5	T	Y	0	0	0	0	0	0	0	5.3	13.5
1902	8.7	2.7	T	T	0	0	0	0	0	0	T	1.5	12.9
1903	7.5	9.0	1.0	2.0	0	0	0	0	0	0	0.8	3.0	23.3
1904	16.0	2.0	1.0	2.0	0	T	T	0	0	0	0	2.7	23.7
1905	8.5	7.8	0	0.2	0	0	0	0	0	0	T	0.3	16.8
1906	3.3	10.5	22.7	0	0	0	0	0	0	0	T	1.0	37.5
1907	0.6	5.0	T	T	0	0	0	0	0	0	T	9.0	14.6
1908	7.0	15.5	0	0	0	0	0	0	0	0	T	2.0	24.5
1909	11.7	2.0	0	T	T	0	0	0	0	T	0	14.0	27.7
1910	1.0	22.0	0	2.0	0	0	0	0	0	T	0	T	25.0
1911	T	13.0	0	0	0	0	0	0	0	T	2.0	1.0	16.0
1912	15.5	20.0	19.5	T	0	0	0	0	0	0	* T	T	55.0
1913	T	2.0	8.0	0	0	0	0	0	0	T	0	1.3	11.3
1914	0.2	18.2	2.2	T	0	0	0	0	0	0	T	4.5	25.1
1915	9.7	2.0	0.5	0	0	0	0	0	0	0	0.2	18.0	30.4
1916	1.3	8.5	8.0	1.5	0	0	T	0	0	T	T	4.1	23.4
1917	1.3	0.2	T	T	0	T	0	0	0	T	1.5	11.6	14.6
1918	14.7	T	0	T	0	0	0	0	0	0	T	0.2	14.9
1919	T	4.8	3.5	T	0	0	0	0	0	0	T	T	8.3
1920	7.0	0.2	1.5	1.5	0	T	0	0	0	T	T	3.3	13.5
1921	2.1	0.1	0	T	0	0	0	0	0	0	T	2.0	4.2
1922	3.6	T	3.0	0	0	0	0	0	0	0	T	1.0	7.6
1923	0.1	2.1	T	T.	T	0	0	0	0	0	0	T	2.2
1924	8.6	0.4	7.2	0	0	0	0	0	0	0	T	1.1	17.3
1925	2.9	0.2	1.0	0	0	0	0	0	0	T	0.3	T	4.4
1926	1.9	0.1	5.8	0	0	0	0	0	0	0	2.7	2.2	12.7
1927	7.5	0.7	2.0	T	T	0	0	0	0	0	1.0	1.0	12.2
1928	1.8	3.6	0.1	T	0	0	0	0	0	0	T	0.2	5.7
1929	2.7	3.9	T	0	5.0	0	0	0	0	1.8	1.0	10.2	24.6
1930	8.0	2.2	5.5	0	0	0	0	0	0	T	0.3	0.5	16.5
1931	0.2	T	1.4	0	0	0	0	0	0	0	3.0	0	4.6
1932	T	0.5	1.6	0	0	0	0	0	0	0	7.3	3.7	13.1
1933	0	0.4	1.2	T	0	0	0	0	0	0	T	0.6	2.2
1934	0.5	8.6	5.0	0	0	0	0	0	0	0	0	5.8	19.9
1935	1.0	T	0.8	0	0	0	0	0	0	0	T	1.8	3.6
1936	10.0	1.1	0.8	T	0	0	0	0	0	0	1.1	4.7	17.7
1937	7.8	1.2	8.2	0	0	0	0	0	0	0	3.7	T	20.9
1938	0.5	1.4	0	0	0	0	0	0	0	0	5.4	0.1	7.4
1939	7.6	6.5	T	T	0	0	0	0	0	0	0	9.7	23.8
1940	6.7	0.6	0.8	0.5	0	0	0	0	0	0	T	T	8.6
1941	2.7	1.7	1.5	0	0	0	0	0	0	0	2.7	2.1	10.7
1942	0.7	9.3	3.8	0	0	0	T	0	T	0	T	9.1	22.9
1943	2.3	0.9	2.4	T	0	0	0	0	0	0	T	9.0	14.6
1944	T	5.6	4.8	0	T	0	0	0	0	0	0.2	10.3	20.9
1945	2.8	9.1	T	T	0	0	0	0	0	0	0	8.9	20.8
1946	5.0	0.6	0	0	0	0	0	0	0	0	0	T	5.6
1947	2.6	1.0	9.9	0	0	0	0	0	0	0	T	0.8	14.3
1948	3.8	6.6	3.9	0	0	0	0	0	0	0	T	9.0	23.3
1949	2.0	0.2	4.1	0	0	0	0	0	0	0	T	1.0	7.3
1950	1.0	2.6	0.6	0	0	0	0	0	0	0	1.2	8.1	13.5
1951	3.9	4.7	5.0	2.0	0	0	0	0	0	0	10.9	M	M
1952	0.9	1.5	2.0	0	0	0	0	0	0	0	2.0	4.6	11.0
1953	2.5	T	7.5	0	0	0	0	0	0	0	T	0.1	10.1
1954	0.2	0.6	0.5	0	N	0	0	0	0	0	T	M	M
1955	N	T	M	0	0	0	0	0	0	0	M	M	M
1956	M	M	M	0	0	0	0	0	0	0	M	M	M
1957	M	M	M	H	0	0	0	0	0	0	M	M	M
1958	M	M	M	0	0	0	0	0	0	0	M	M	M
1959	M	M	M	0	0	0	0	0	0	0	M	M	M
1960	M	M	17.6	0	0	0	0	0	0	0	M	8.0	M
1961	2.5	7.5	0	T	0	0	0	0	0	0	2.0	M	M
1962	M	M	M	M	0	0	0	0	0	0	0	M	M
MEAN	4.0	4.3	3.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.9	3.7	16.3

MAXIMUM SNOW DEPTH ON GROUND, INCHES

15	10	6	1	0	0	0	0	0	0	3	10	15
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