

SWS Miscellaneous Publication 98-17

STATE OF ILLINOIS

DEPARTMENT OF ENERGY AND NATURAL RESOURCES

*Local Climatological Data Summary*  
*Hoopeston, Illinois*  
*1902-1394*

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**LOCAL CLIMATOLOGICAL DATA  
HOOPESTON, ILLINOIS**

**Climatological Summary**

Hoopeston has a temperate continental climate dominated by maritime tropical air from the Gulf of Mexico from about May 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 30s (°F), whereas summer highs are usually in the 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 4 to 8 cold, dry arctic outbreaks, with daily lows dropping into the -10°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, and/or freezing precipitation.

Summers are humid with dew points in the 60s and afternoon relative humidities in the 60% range. Usually about 20 days per year experience temperatures greater than 90°F, and about 11 below zero; temperatures greater than 100°F or less than zero are infrequent. Thunderstorms are common in the afternoon or evening during spring and summer.

Average (1961-90) precipitation for Hoopeston is about 37 inches, including about 20 inches snow. There is great variability from year-to-year. On average, there are 118 days with measurable precipitation, about 40 of which are associated with thunder and 9 with freezing precipitation. Precipitation is most frequent and greater in magnitude during the warmer half of the year.

Fifty percent of the mean annual precipitation falls from April through September. The frost-free growing season averages about 170 days, beginning about 28 April and ending about 16 October.

The highest temperature of record is 111°F (14 Jul 1936); the lowest of record is -25°F (13 Feb 1905). The wettest year of record is 1990 with 53.42 inches; the driest being 1989 with only 24.84 inches. During the 89 years with complete records, there were:

4 years with more than 50 inches precipitation  
5 years with more than 45 inches precipitation  
28 years with less than 35 inches precipitation, and  
11 years with less than 30 inches precipitation.

Latitude 44° 28'  
Longitude 107° 40'

Climatological Summary  
Means: 1961-1990, Extremes: 1902-1994

Hoopeston, IL  
Elevation 710

Mon	Temperatures										Precipitation						Snow											
	Means			Extremes		Ave Degree Days					Extremes		Ave Number of Days With			Extremes												
	Ave Max	Ave Min	Ave Mean	High Temp	Low Temp	Max	Min	>=90	<=32	<=32	<=0	Heat	Cool	Grow	Max Monthly	Max Daily	>=0.1	>=0.5	>=1.0	Max Monthly	Max Snow Depth							
Jan	31.5	15.7	23.6	69	25/1950	-24	20/1985	0	13	27	4	1,284	0	1	1.54	7.09	1950	2.21	20/1904	5	1	0	4.8	30.2	1904	18	31/1904	
Feb	36.1	19.5	27.9	71	24/1930	-25	13/1905	0	8	23	2	1,049	0	1	1.62	6.88	1909	2.08	5/1971	4	1	0	5.4	31.9	1908	25	19/1908	
Mar	49.0	30.5	39.8	93	29/1906	-10	8/1943	0	2	19	0	783	1	37	2.90	7.36	1904	3.95	11/1990	7	2	1	2.8	24.5	1906	14	19/1906	
Apr	62.3	40.6	51.5	93	11/1930	9	7/1982	0	0	7	0	417	11	142	3.81	10.32	1994	5.34	12/1994	8	3	1	0.8	12.0	1926	4	17/1926	
May	73.6	50.9	62.3	101	31/1934	25	10/1966	2	0	1	0	258	71	387	4.14	10.09	1943	3.65	11/1933	8	3	1	0.0	2.5	1929			
Jun	82.9	60.3	71.6	107	1/1934	34	4/1946	7	0	0	0	19	217	648	3.66	14.37	1902	5.04	28/1902	7	3	1						
Jul	85.3	63.9	74.6	111	14/1936	43	3/1907*	10	0	0	0	4	302	763	3.93	9.46	1962	3.35	18/1939	6	3	1						
Aug	83.0	61.5	72.3	106	5/1918	36	11/1915	7	0	0	0	10	234	689	3.80	11.88	1977	3.65	20/1928	5	2	1						
Sep	77.3	54.7	66.0	103	14/1939	25	26/1928	3	0	0	0	85	115	482	3.35	12.08	1926	3.10	3/1993	6	3	1						
Oct	64.7	43.7	54.2	94	8/1939	9	30/1925	0	0	4	0	351	15	190	2.71	9.21	1941	3.01	22/1943	5	2	1	0.1	3.5	1925	2	20/1989	
Nov	50.3	33.9	42.1	81	1/1950	-10	25/1950	0	2	15	0	609	0	41	2.46	8.23	1985	2.69	2/1936	6	2	1	1.3	12.0	1932	12	16/1932	
Dec	36.2	21.8	29.0	70	15/1948*	-22	28/1924	0	9	25	2	1,116	0	5	2.61	7.00	1967	2.34	21/1967	6	2	0	4.4	14.6	1909	12	29/1909	
Tot/Ave	61.0	41.4	51.2					29	34	121	8	5,965	966	3,286	36.93					73	27	9	19.6					

\* Records also occurred on the following dates:  
Jul: Low Temp 15/1930, 4/1940, 23/1947, 5/1972  
Dec: High Temp 2/1982

+ Calendar Day  
# Records also occurred on the following dates:  
Apr: Snowdepth 4/9/1982  
Dec: Snowdepth 12/30/1909, and 12/31/1909

Probabilities: Precipitation (in) Missing Data: 0.3%  
Station: (114198) HOOPESTON Years: 1961 To 1990

	1%	5%	10%	25%	50%	75%	90%	95%	99%
Ja	0.07	0.19	0.31	0.63	1.22	2.11	3.21	4.01	5.81
Fe	0.10	0.26	0.40	0.75	1.34	2.19	3.21	3.94	5.56
Ma	0.58	0.97	1.25	1.83	2.66	3.71	4.86	5.65	7.34
Ap	0.78	1.30	1.66	2.41	3.49	4.86	6.36	7.38	9.57
Ma	0.71	1.24	1.62	2.43	3.63	5.16	6.86	8.03	10.54
Jn	0.53	1.00	1.35	2.11	3.27	4.79	6.50	7.69	10.26
Ju	0.56	1.06	1.43	2.25	3.50	5.15	7.01	8.30	11.10
Au	0.56	1.05	1.41	2.20	3.39	4.96	6.71	7.93	10.58
Se	0.00	0.39	0.80	1.60	2.85	4.57	6.57	7.99	11.12
Oc	0.27	0.58	0.82	1.40	2.33	3.61	5.08	6.13	8.42
No	0.41	0.77	1.04	1.64	2.55	3.74	5.09	6.02	8.05
De	0.17	0.43	0.66	1.22	2.17	3.53	5.14	6.30	8.87
An	21.73	26.23	28.93	32.46	36.71	41.32	45.78	48.60	54.17
Wi	1.59	2.39	2.92	3.97	5.42	7.20	9.08	10.35	13.02
Sp	5.78	7.00	7.72	9.03	10.65	12.46	14.25	15.40	17.71
Su	4.27	5.79	6.74	8.56	10.95	13.74	16.63	18.53	22.46
Fa	3.21	4.41	5.17	6.63	8.55	10.81	13.16	14.71	17.92

Growing Season Summary  
Station: (114198) HOOPESTON  
Years: 1961 To 1990 Missing Data: 0.3%

Base Temp	Date of Last Spring Occurrence					Date of First Fall Occurrence				
	Median	Early	90%	10%	Late	Median	Early	10%	90%	Late
32	4/28	4/03	4/10	5/10	5/12	10/16	9/23	10/03	11/03	11/03
30	4/21	4/01	4/07	5/08	5/10	10/23	10/02	10/06	11/04	11/20
28	4/12	3/21	3/28	5/05	5/10	10/25	10/06	10/12	11/13	11/20
24	4/01	3/14	3/19	4/13	4/18	11/07	10/11	10/22	11/17	11/28
20	3/23	2/22	3/06	4/07	4/10	11/22	10/24	11/05	12/02	12/07
16	3/13	2/08	2/16	3/29	4/07	12/04	11/06	11/14	12/11	12/21

  

Base Temp	Length of Season (Days)			
	Median	Shortest	10%	90%
32	176	139	151	191
30	184	150	161	209
28	195	168	175	214
24	215	192	194	235
20	240	219	221	267

MAXIMUM TEMPERATURE													HOOPESTON, IL
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1902						79.0	88.4	81.2	72.2	63.6	54.4	31.5	
1903	34.2	33.9	54.6	61.6	77.0	76.7	87.3	81.8	77.0	64.0	43.6	29.3	60.1
1904	27.0*	30.7*	47.3*	56.1*	72.5*	80.2*	85.0	82.4	76.7	64.2	51.1	36.6	59.2**
1905	28.7	27.6	55.4	63.5	74.3	83.8	83.6	83.0	76.9	63.3	51.2M	38.0	60.8M
1906	40.9	37.2	37.8	65.7	76.6	81.3	85.9	85.0	79.2	63.3*	48.2	38.7M	61.7M**
1907	37.8	37.0	56.3	52.8	66.1	77.8	84.1	80.4*	74.9M	61.6	47.6	38.5M	59.6M**
1908	37.8	34.2M	53.1	62.4	72.0	81.5	85.8	85.4	84.0	67.0	53.2	41.0	63.1M
1909	37.5	41.6	47.6	60.7	70.4	81.1	80.7	84.1	73.9	59.4	59.6	28.8	60.5
1910	33.4	36.1	62.1	64.7	67.8	82.2	85.1	83.0	74.0	69.4*	45.5	33.0	61.4**
1911	37.7	41.1	50.4	58.9	81.6	86.0	86.5	83.5M	76.1	61.5	43.9	40.6	62.3M
1912	22.0	29.4	37.7	62.7	75.3	79.4M	81.8	79.9	76.4	70.5	52.7	44.0	59.3M
1913	39.5	34.2	47.5	63.2	76.7	87.5	90.6	89.2M	78.4	64.3	55.9	43.1	64.2M
1914	40.5	30.1	46.8	62.8	79.1	89.4	93.3	88.3	79.2	70.3	56.8	30.5	63.9
1915	31.5	43.3	44.7	70.7	70.5	80.6	82.4	75.7	78.2	68.3	55.8	35.6	61.4
1916	40.4	34.9	47.3	61.7	74.1	77.1	94.0	89.4	78.5	67.5	54.9	37.4	63.1
1917	37.8	33.8	52.0	59.5	68.2	79.1	85.3	83.6	77.3	56.9	52.9	30.2	59.7
1918	20.8	41.2	61.7	58.2	80.1	84.0	85.7	90.1	71.2	67.9M	52.1	47.0	63.3M
1919	42.7	41.4	52.9M	63.2	70.8	86.3	93.3	86.7	82.8	70.2	48.1*	31.4*	64.2M**
1920	29.2	37.1	52.8	55.7	72.5	85.0	87.3	82.0*	79.4*	71.2*	47.8*	38.5*	61.5**
1921	40.3M	43.1	60.9	65.3	78.2	87.5	93.2	83.1	79.9	65.7	50.3	41.5M	65.8M
1922	33.1*	40.2*	51.4	63.5	78.0	86.6	85.6	87.8	82.1*	69.7*	50.9*	40.4	64.1**
1923	38.1	32.8	48.6	62.6	71.2	84.4	87.2	83.6	74.6*	60.8*	52.2	48.0	62.0**
1924	30.4	36.4	42.0	65.3	67.1	79.1M	82.8	83.1*	72.4	74.6	51.8	32.4	59.8M**
1925	32.8	44.2	54.3M	70.9	74.1	87.7	86.9	86.5	84.4	54.3	48.2	33.7	63.2M
1926	35.0	39.5	42.7	55.1	76.5M	78.8	88.7	85.1M	75.1	63.5	46.0M	35.1	60.1M
1927	33.4	47.0	53.0	61.4	70.6	78.0	86.8	80.2	83.0	71.5	55.7	37.6	63.2
1928	35.4	39.7	49.7	59.0	75.8	77.0	87.3M	87.1	75.8	67.9	50.7	42.3	62.3M
1929	32.5	32.8	57.8	65.6M	70.2	81.1	87.1	84.3	78.6	63.0	45.2	36.2	61.2M
1930	29.4	48.5	48.7	66.7	75.9	85.2	92.4	88.0	81.3	64.8	52.3	37.5	64.2
1931	41.0	45.9	43.1	64.6	70.7	86.8	91.4	86.3	84.1	69.8	59.9	46.2	65.8
1932	42.4	46.3	41.6	64.7	77.2	86.4	91.0	87.5	78.1	66.4	44.7	38.4	63.7
1933	45.7	38.6	47.5	62.6	74.4	94.5	92.9	86.8	85.8	65.4	50.5	42.6	65.6
1934	40.8	34.1	45.7	65.1	83.7	92.9	95.5	86.2	75.3	69.3	54.3	34.0	64.7
1935	36.2	39.6	55.7	58.9	66.1	79.4	89.9	87.0	79.4	66.4	47.7	31.9	61.5
1936	27.5	28.7	53.3	59.7	79.1	88.7	99.3	93.4	82.5	66.1	48.3	42.4	64.1
1937	37.5	37.1	46.0	61.0	75.2	81.5	87.6	88.9	76.7	60.4	47.1	32.9	61.0
1938	35.4	44.9	57.2	64.9	73.9	81.6	88.0	88.3	80.0	73.6	55.6	38.6	65.2
1939	40.6	39.0	52.5	57.4	78.9	83.5	86.3	84.8	86.6	70.1	50.6	42.9	64.4
1940	22.5	36.4	44.2	59.7	69.5	84.3	90.6	87.3	79.7	72.0	48.1	41.7	61.3
1941	35.2	34.5	45.5	68.2	78.7	84.1	87.2	86.1	82.5	66.8	52.4	44.2	63.8
1942	35.8	33.0	51.9	68.7	74.0	82.1	87.5	83.4	75.6	66.3	53.4	32.3	62.0
1943	34.8	42.4	46.9	60.7	70.9	85.8	88.0	85.8	74.9	66.7	46.3	35.4	61.6
1944	41.7	40.8	43.6	59.9	79.1	87.1	89.2	86.7	78.7	67.4	50.3	31.0	63.0
1945	28.8	39.5	62.2	63.0	67.6	78.3	86.2	85.2	76.5	64.5	50.7	30.0	61.0
1946	37.2	41.2	62.1	66.3	69.4	83.2	87.4	81.2	80.8	73.9	54.1	43.5	65.0
1947	38.2	31.5	42.4	60.9	68.6	79.5	84.5	91.7	78.8	74.6	43.4	38.8	61.1
1948	30.3	39.0	49.7	67.0	71.7	84.0	86.3	86.4	80.9	64.3	53.8	41.5	62.9
1949	38.4	40.1	50.4	62.9	75.8	85.2	87.8	84.2	73.0	69.5	51.9	43.8	63.6
1950	43.9	36.3	44.5	54.7	75.7	80.9	83.4	80.9	74.8	71.2	44.1	29.7	60.0

M- Monthly- fever than 4 days missing. Annually- one or more months incomplete.

\* Hoopetston data missing, Urbana data substituted.

\*\* Annual average calculated from Hoopetston and Urbana data.

YEAR	MAXIMUM TEMPERATURE												ANNUAL AVERAGE
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1951	35.1	38.0	46.1	57.9	75.9	78.8	84.4	82.2	75.2	69.5	42.6	37.3	60.3
1952	39.4	42.3	46.9	64.5	72.1	87.6	89.2	83.5	79.3	63.8	53.1	39.4	63.4
1953	38.9	44.6	50.0	58.5	74.6	87.7	86.5	86.8	82.6	73.8	53.4	41.6	64.9
1954	37.4	48.1	46.3	68.9	70.3	86.9	90.4	83.2	84.2	66.0	51.2	38.3	64.3
1955	34.5	39.0	50.9	69.2	75.9	78.1	90.5	88.7	80.9	66.8	47.2	35.5	63.1
1956	35.0	38.0	50.8	62.1	74.9	84.5	83.0	83.9	80.0	75.7	51.0	41.5	63.4
1957	29.1	42.5	49.8	60.2	72.1	81.5	87.0	85.4	75.7	61.9	49.6	43.5	61.5
1958	34.2	31.9	43.0	63.8	75.5	77.4	82.5	84.4	77.5	68.9	53.3	32.0	60.4
1959	30.3	38.0	49.7	62.9	77.4	87.2	87.8	89.8	82.1	63.8	43.5	42.5	62.9
1960	35.6	32.5	34.4	66.7	70.1	80.6	84.7	86.4	82.1	66.7	51.5	33.3	60.4
1961	32.3	43.6	51.8	56.0	70.1	82.7	85.7	84.6	82.6	66.9	49.7	34.9	61.7
1962	28.2	37.0	43.6	61.5	79.3	84.2	81.9	83.8	74.7	67.4	50.3	34.3	60.5
1963	24.0	29.7	52.3	66.4	72.2	86.2	85.2	80.5	79.4	76.5	54.6	25.7	61.1
1964	38.8	36.0	48.1	62.7	78.9	84.2	84.4	82.9	77.8	63.8	54.8	35.6	62.3
1965	35.4	38.4	38.8	61.9	78.1	81.6	83.6	81.3	75.5	63.8	53.6	44.4	61.4
1966	29.2	37.7	51.3	58.3	68.2	83.8	90.3	82.6	74.7	63.1	51.7	36.9	60.7
1967	38.1	34.0	49.6	63.9	67.7	83.4	83.4	80.1	77.5	62.5	44.5	38.1	60.2
1968	30.7	33.9	53.9	62.9	68.1	83.1	84.2	83.2	76.0	65.1	48.2	35.9	60.4
1969	30.7	36.6	43.8	63.7	73.4	80.1	85.7	85.8	76.5	63.2	45.9	34.1	60.0
1970	25.2	37.1	44.1	63.9	75.9	80.7	85.8	82.4	79.1	64.8	47.3	39.9	60.5
1971	30.4	37.2	44.5	64.3	71.7	88.6	81.3	81.6	78.6	72.3	51.7	43.2	62.1
1972	33.1	36.5	48.8	60.4	77.0	78.9	83.5	82.4	76.4	60.1	42.2	33.9	59.4
1973	36.8	39.3	56.5	59.8	68.1	82.8	85.1	83.5	78.3	68.9	52.0	34.3	62.1
1974	34.0	37.9	52.8	63.6	69.0	77.6	88.0	81.5	71.9	64.7	48.4	36.9	60.5
1975	36.3	34.8	44.5	58.2	77.3	82.6	84.2	84.1	71.6	67.8	55.2	38.0	61.2
1976	30.6	47.1	56.4	66.7	71.6	83.4	85.3	82.2	76.9	58.9	43.9	33.3	61.4
1977	18.0	37.0	54.4	69.7	82.3	82.0	88.5	80.8	77.2	60.8	49.9	33.4	61.2
1978	23.6	24.8	40.8	62.9	70.5	83.5	84.5	82.8	83.7	63.8	52.4	37.6	59.2
1979	21.9	24.9	49.1	58.0	74.1	83.6	81.9	81.5	77.6	64.8	48.6	42.0	59.0
1980	32.4	29.6	42.9	59.4	75.9	80.4	89.9	87.5	78.6	62.1	50.3	37.4	60.5
1981	31.4	40.4	51.4	66.7	68.7	83.5	82.7	80.7	74.4	62.5	52.1	33.7	60.7
1982	25.5	30.4	46.7	56.7	79.6	77.0	84.1	80.9	76.0	65.8	50.3	44.9	59.8
1983	34.5	42.2	49.3	56.2	68.2	84.3	90.2	88.2	79.5	65.4	52.7	24.0	61.2
1984	27.3	43.9	37.6	58.1	69.2	85.8	83.3	85.5	75.4	67.5	50.0	45.1	60.7
1985	26.7	32.5	53.4	68.2	78.0	80.5	83.6	79.4	77.7	65.2	50.9	28.7	60.4
1986	36.8	34.1	53.5	68.3	75.4*	83.1	87.1	81.6	80.5	64.2	44.1	37.4	62.2**
1987	31.8	42.0	54.9	64.3	81.6	84.9	86.7	83.8	78.7	59.7	54.4	38.8	63.5
1988	33.0	34.1	50.7	64.8	80.2	90.1	91.6	89.9	79.4	57.5	51.1	39.0	63.5
1989	42.9	28.9	51.3	61.5	70.1	82.2	85.0	83.5	74.0	66.5	50.3	25.8	60.2
1990	44.1	42.2	53.9	60.9	69.4	82.2	82.7	81.8	77.4	65.1	57.2	39.7	63.1
1991	29.9	41.2	53.2	66.3	79.6	86.2	88.8	86.7	79.9	66.7	45.4	40.6	63.7
1992	36.2	43.8	51.6	61.0	73.6	80.0	80.6	78.7	75.0	65.0	45.7	37.1	60.7
1993	34.7	34.9	44.3	59.3	74.7	80.4	84.0	84.2	70.3	62.8	47.9	35.9	59.5

M- Hontnly- fever than 4 days Missing. Annually- one or sore norths incomplete.

\* Hoopeston data lissing, Urbana data substituted.

\*\* Annual average calculated from Hoopeston and Urbana data.

YEAR	MINIMUM TEMPERATURE												ANNUAL AVERAGE
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1902						58.6	64.5	57.1	52.0	45.6	41.2	19.3	
1903	17.8	19.5	35.6	40.7	53.2	54.1	63.2	60.5	53.0	44.0	27.7	13.0	40.2
1904	8.8*	12.7*	29.6*	34.3*	49.9*	57.4*	60.5	57.7	55.6	42.4	29.5	18.4	38.1**
1905	12.8	9.1M	35.0	38.7	51.3	59.3	63.7	64.1	57.2	41.8	29.7M	23.8	40.5M
1906	25.5	18.0	23.4	41.2	51.5	59.2	60.5	65.2	58.5	42.9*	31.2	26.0M	41.9M**
1907	23.8	19.3	37.5	32.3	44.4	56.7	64.2	61.2*	54.9M	41.4	28.6	26.2M	40.9M**
1908	21.3	20.0	34.2	41.3	53.9	59.3	64.2	60.6	56.2	42.4	32.3	23.2	42.4
1909	22.0	25.4	29.1	39.6	48.2	61.0	61.4	63.5	52.5	37.9	40.6	13.4	41.2
1910	20.4	17.9	37.2	40.7	45.3	55.8M	64.6	60.2	56.2	44.6*	27.2	18.9	40.8M**
1911	21.9	26.8	28.8	38.8	55.4	62.4M	63.4	61.4	59.1	44.0M	27.9	28.3	43.2M
1912	6.7	15.2	22.5	42.1	53.4	56.4M	64.9M	61.5	57.9	42.1	33.3	25.0	40.1M
1913	22.7	15.5	27.5	39.0	50.5	59.2	63.8	63.3	52.6	43.1	38.5	29.9	42.1
1914	26.4	10.7	28.4	41.3	52.1	62.1	63.0	62.8	53.1	46.8	33.2	15.5	41.3
1915	15.0	28.9	26.3	45.4	47.9	56.2	61.7	57.6	57.4	43.1	34.2	22.4	41.3
1916	21.8	17.3	25.9	39.0	52.2	55.5	66.0	64.4	52.2	42.4	33.3	17.7	40.6
1917	18.7	13.3	31.4	38.5	43.8	57.4	63.1	60.3	51.9M	35.5	32.8	13.1	38.3M
1918	2.9	20.3	32.8	38.2	56.8	61.6	61.4	67.5	48.5M	44.9	32.7	29.5	41.4M
1919	21.2	21.8	29.8	39.5	46.0	61.5	63.1	58.7	54.7	45.7	30.9*	16.2*	40.8**
1920	10.1	19.3	29.2	34.5	46.6	57.0	58.5	60.2*	57.2*	47.9*	32.1*	23.6*	39.7**
1921	25.9	28.0	36.5	44.0	52.7	63.9	66.9	61.9	60.5M	42.3	31.8	26.6M	45.1M
1922	14.5*	23.4*	31.0	41.2	54.6	59.8	61.9	60.5	56.8*	45.8*	35.2*	21.9	42.2**
1923	25.0	16.0	27.2	37.3	47.6	61.1M	63.5	60.9	55.9*	41.1*	33.6	31.5	41.7M**
1924	9.9	21.3	28.4	39.3	43.7	57.2	59.5	63.0*	50.3	44.5	31.3	15.2	38.6**
1925	14.3	25.3	29.3M	42.8	42.8	61.5	62.9	60.4	60.9	37.3	29.6	18.8	40.5M
1926	19.2	25.5	23.9	33.3	49.4M	55.7	63.0	64.6M	57.4	44.8	28.7M	20.8	40.5M
1927	17.3	28.8	34.7	41.5	49.8	55.1	61.3	54.2	57.9	45.5	35.8	20.4	41.9
1928	19.4	24.0	29.4	34.8	47.4	55.2	62.6M	62.2	48.0	46.3	36.1	25.5	40.9M
1929	10.9M	13.6	36.3	43.5	47.4	55.9	63.4	58.3	52.8	40.8	28.4	20.6	39.3M
1930	12.4	30.1	27.7	41.0	51.0	57.2	62.0	60.9	55.2	40.8	31.5	22.8	41.1
1931	23.4	27.4	27.8	39.5	46.2	61.7	65.2	61.4	59.6	47.2	40.6	31.4	44.3
1932	28.1	27.9	22.4	38.7	49.0	60.3	62.5	60.6	51.7	42.2	25.3	19.2	40.7
1933	28.1	17.7	30.1	39.4	53.5	62.3	63.7	59.6	58.9	40.1	28.9	25.5	42.3
1934	25.2	14.3	24.4	37.8	50.9	63.1	66.7	62.2	54.8	44.1	36.8	19.8	41.7
1935	19.6	25.2	36.0	38.2	45.4	56.6	66.0	62.9	52.0	42.6	32.3	17.3	41.2
1936	10.4	8.3	31.8	34.6	52.3	55.3	66.7	65.5	58.4	42.5	27.9	24.8	39.9
1937	19.8	20.7	27.9	39.7	50.2	58.8	61.6	64.7	52.0	41.4	26.9	21.3	40.4
1938	19.5	30.5	37.3	42.3	49.5	58.3	63.9	64.1	57.0	44.6	33.3	21.8	43.5
1939	25.5	20.8	30.6	36.8	51.7	62.7	63.2	60.0	56.2	43.1	30.7	25.4	42.2
1940	6.6	24.7	28.1	37.7	47.3	60.6	62.0	63.1	51.0	45.4	29.4	28.0	40.3
1941	22.5	18.7	25.8	43.9	52.3	60.1	62.5	61.7	57.1	47.8	34.4	30.4	43.1
1942	18.3	20.0	32.6	42.7	51.8	60.5	64.6	61.0	53.5	43.5	34.4	15.1	41.5
1943	19.2	21.1	25.3	36.6	50.1	64.0	63.8	63.6	49.2	41.0	27.9	19.5	40.1
1944	21.8	21.7	26.8	38.7	56.5	63.1	61.5	62.9	54.8	40.9	37.3	15.3	41.8
1945	13.4	24.0	39.0	41.5	45.9	57.2	60.8	61.2	56.9	40.3	33.7	15.2	40.8
1946	19.8	23.5	40.9	40.9	49.0	59.5	63.4	57.8	52.9	45.3	35.7	25.9	42.9
1947	22.8	14.7	25.1	39.7	46.7	58.3	58.9	68.8	56.1	50.6	28.8	24.3	41.2
1948	12.8	19.1	30.8	44.5	48.0	59.0	64.2	60.8	56.2	40.5	36.6	24.7	41.4
1949	23.3	24.1	30.5	37.9	50.7	62.6	67.3	61.2	48.3	47.3	32.9	25.9	42.7
1950	24.0	20.9	26.9	34.8	50.4	58.5	60.9	58.0	55.2	46.4	26.0	10.2	39.4

M- Monthly- fewer than 4 days missing. Annually- one or more montns incomplete.

\* Hoopeston data missing, Urbana data substituted.

\*\* Annual average calculated from Hoopeston and Urbana data.

YEAS	MINIMUM TEMPERATURE												ANNUAL AVERAGE
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1951	20.2	21.6	28.4	38.9	52.0	59.5	63.5	60.5	52.5	45.6	26.8	20.5	40.8
1952	21.9	27.2	28.3	39.8	50.8	65.8	66.0	60.8	52.9	37.1	33.3	27.7	42.6
1953	25.1	24.9	31.6	37.9	51.6	63.2	64.1	61.5	52.5	45.3	33.4	24.1	42.9
1954	21.3	30.0	26.9	44.8	45.5	64.3	64.3	62.5	57.2	45.7	33.1	25.4	43.4
1955	18.9	22.4	29.3	46.4	53.1	57.5	69.0	64.3	54.7	44.3	27.1	18.9	42.2
1956	19.7	23.4	30.1	37.4	52.5	61.9	63.0	63.1	52.0	47.3	31.6	28.3	42.5
1957	12.0	27.3	30.1	42.9	52.5	61.7	65.4	61.9	52.8	39.9	32.0	27.7	42.2
1958	20.9	14.0	29.3	42.0	49.9	55.8	64.5	62.3	55.4	43.6	34.7	14.7	40.6
1959	13.8	21.4	29.9	40.4	56.2	61.0	62.6	67.3	56.4	43.5	25.9	29.2	42.3
1960	21.9	20.4	16.5	43.5	49.4	58.8	61.9	63.1	59.2	42.9	34.0	17.9	40.8
1961	15.7	25.5	34.3	36.4	45.5	57.7	63.5	62.1	58.9	46.1	33.1	20.5	41.6
1962	12.7	21.3	27.8	38.7	57.5	60.0	62.0	60.2	52.0	46.8	32.5	16.2	40.6
1963	8.7	9.5	32.7	41.5	47.9	58.7	62.1	57.9	51.6	48.7	35.8	9.9	38.8
1964	21.7	19.9	29.0	41.9	54.0	61.5	63.5	58.8	53.3	37.8	34.4	20.9	41.4
1965	18.7	19.5	23.3	41.8	56.1	58.7	61.0	59.8	56.5	43.7	34.0	30.8	42.0
1966	13.9	20.8	31.1	39.5	45.9	59.4	65.9	59.2	52.7	40.5	33.9	23.9	40.6
1967	21.8	15.6	31.5	42.6	46.6	61.9	59.6	56.4	50.2	42.8	30.3	24.7	40.3
1968	15.4	15.5	31.7	40.9	47.9	61.2	62.8	62.7	53.9	43.4	34.9	22.1	41.0
1969	15.3	23.7	24.1	41.9	50.5	57.9	65.6	60.6	53.9	42.5	30.3	21.8	40.7
1970	9.1	19.0	27.1	42.5	54.1	59.7	63.8	62.0	57.2	45.4	32.8	25.0	41.5
1971	12.5	22.2	27.5	37.2	47.0	64.0	61.0	58.8	58.3	50.7	33.2	29.7	41.8
1972	15.4	17.9	29.1	38.9	51.4	55.1	63.0	62.8	57.4	42.6	32.9	20.9	40.6
1973	22.0	22.7	38.6	41.6	48.7	62.4	65.0	64.2	58.0	48.9	35.1	20.5	44.0
1974	18.6	22.3	33.4	42.8	51.0	57.5	65.6	62.0	50.5	42.7	34.2	26.7	42.3
1975	22.3	22.2	27.4	36.8	53.5	62.1	61.8	65.0	51.9	44.1	38.3	25.8	42.6
1976	13.6	27.6	34.9	41.5	47.3	59.7	63.1	57.6	50.7	38.1	23.7	13.2	39.3
1977	0.7	20.0	36.0	45.4	57.7	57.8	65.6	61.5	57.1	42.0	35.0	17.1	41.3
1978	7.9	6.1	25.0	40.9	49.8	61.0	64.0	62.6	58.1	41.9	35.4	23.8	39.7
1979	6.3	7.9	31.3	38.9	49.2	60.4	61.9	62.6	52.9	43.0	32.6	26.3	39.4
1980	18.9	13.9	27.5	38.8	52.2	57.7	66.8	65.6	56.3	40.3	32.7	23.5	41.2
1981	15.2	22.6	30.0	45.4	47.2	63.7	64.3	62.0	54.7	42.0	35.0	19.3	41.8
1982	6.8	16.1	29.7	35.3	56.9	56.3	65.2	59.3	54.3	44.6	35.1	31.9	41.0
1983	23.1	26.5	31.8	38.7	48.6	61.6	67.9	66.5	54.2	45.9	36.9	10.8	42.7
1984	13.0	28.0	24.6	40.2	48.2	64.9	61.7	62.7	53.5	50.0	32.7	28.1	42.3
1985	10.9	16.6	34.7	45.6	53.7	58.7	62.6	59.5	54.3	44.8	36.7	12.4	40.9
1986	19.8	19.9	33.0	42.2	52.8*	62.0	67.9	58.3	59.2	46.2	31.8	26.0	43.3**
1987	19.2	25.2	32.5	39.9	55.9	63.3	66.6	63.4	55.8	37.9	37.4	28.8	43.8
1988	15.7	16.1	30.1	39.0	51.2	60.5	64.7	66.4	55.4	38.4	34.7	22.3	41.2
1989	27.5	15.1	30.9	39.7	48.7	61.1	65.2	62.2	52.3	44.5	31.1	8.3	40.6
1990	28.7	27.1	35.7	40.9	49.9	61.2	63.5	61.1	57.0	42.3	37.6	22.5	44.0
1991	17.4	26.2	33.8	45.2	59.3	63.4	64.9	63.0	54.2	47.1	29.6	26.5	44.2
1992	24.1	29.4	33.1	40.0	48.4	56.6	63.5	57.3	53.2	42.8	35.5	24.0	42.3
1993	21.1	17.7	30.0	39.8	52.4	61.1	67.7	64.9	52.2	41.8	33.0	24.4	42.2

M- Monthly- fever than 4 days missing. Annually- one or more morths incomplete.

\* Hoopeston data lissing, Urbana data substituted.

\*\* Annual average calculated from Hoopeston and Urbana data.

## AVERAGE

## TEMPERATURE

HOOPESTON, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1902						68.8	76.5	69.2	62.1	54.6	47.8	25.4	
1903	26.0	26.7	45.1	51.2	65.1	65.4	75.3	71.2	65.0	54.0	35.7	21.2	50.2
1904	17.9*	21.7*	38.5*	45.2*	61.2*	68.8*	72.8	70.1	66.2	53.3	40.3	27.5	48.6**
1905	20.8	18.4M	45.2	51.1	62.8	71.6	73.7	73.6	67.1	52.6	40.5M	30.9	50.7M
1906	33.2	27.7	30.6	53.5	64.1	70.3	73.2	75.1	68.9	53.1*	39.7	32.4M	51.8M**
1907	30.8	28.2	46.9	42.6	55.3	67.3	74.2	70.8*	64.9M	51.5	38.1	32.4M	50.3M**
1908	29.6	27.1M	43.7	51.9	63.0	70.4	75.0	73.0	70.1	54.7	42.8	32.1	52.8M
1909	29.8	33.5M	38.4	50.2	59.3	71.1	71.1	73.8	63.2	48.7	50.1	21.1	50.9M
1910	26.9	27.0	49.7	52.7	56.6	69.0M	74.9	71.6	65.1	57.0*	36.4	26.0	51.1M**
1911	29.8	34.0	39.6	48.9	68.5	74.2M	75.0	72.5M	67.6	52.8M	35.9	34.5	52.8M
1912	14.4	22.3	30.1	52.4	64.4	67.9M	73.4M	70.7	67.2	56.3	43.0	34.5	49.7M
1913	31.1	24.9	37.5	51.1	63.6	73.4	77.2	76.3M	65.5	53.7	47.2	36.5	53.2M
1914	33.5	20.4	37.6	52.1	65.6	75.8	78.2	75.6	66.2	58.6	45.0	23.0	52.6
1915	23.3	36.1	35.5	58.1	59.2	68.4	72.1	66.7	67.8	55.7	45.0	29.0	51.4
1916	31.1	26.1	36.6	50.4	63.2	66.3	80.0	76.9	65.4	55.0	44.1	27.6	51.9
1917	28.3	23.6	41.7	49.0	56.0	68.3	74.2	72.0	64.6M	46.2	42.9	21.7	49.0M
1918	11.9	30.8	47.3	48.2	68.5	72.8	73.6	78.8	59.9M	56.4M	42.4	38.3	52.4M
1919	32.0	31.6	41.4M	51.4	58.4	73.9	78.2	72.7	68.8	58.0	39.5*	23.8*	52.5M**
1920	19.7	28.2	41.0	45.1	59.6	71.0	72.9	71.1*	68.3*	59.6*	40.0*	31.1*	50.6**
1921	33.1M	35.6	48.7	54.7	65.5	75.7	80.1	72.5	70.2M	54.0	41.1	34.1M	55.4M
1922	23.8*	31.8*	41.2	52.4	66.3	73.2	73.8	74.2	69.5*	57.8*	43.1*	31.2	53.2**
1923	31.6	24.4	37.9	50.0	59.4	72.8M	75.4	72.3	65.3*	51.0*	42.9	39.8	51.9M**
1924	20.2	28.9	35.2	52.3	55.4	68.2M	71.2	73.1*	61.4	59.6	41.6	23.8	49.2M**
1925	23.6	34.8	41.8M	56.9	58.5	74.6	74.9	73.5	72.7	45.8	38.9	26.3	51.9M
1926	27.1	32.5	33.3	44.2	63.0M	67.3	75.9	74.9M	66.3	54.2	37.4M	28.0	50.3M
1927	25.4	37.9	43.9	51.5	60.2	66.6	74.1	67.2	70.5	58.5	45.8	29.0	52.6
1928	27.4	31.9	39.6	46.9	61.6	66.1	75.0M	74.7	61.9	57.1	43.4	33.9	51.6M
1929	21.7M	23.2	47.1	54.6M	58.8	68.5	75.3	71.3	65.7	51.9	36.8	28.4	50.3M
1930	20.9	39.3	38.2	53.9	63.4	71.2	77.2	74.5	68.3	52.8	41.9	30.2	52.7
1931	32.2	36.7	35.5	52.1	58.5	74.3	78.3	73.9	71.9	58.5	50.3	38.8	55.1
1932	35.3	37.1	32.0	51.7	63.1	73.4	76.8	74.1	64.9	54.3	35.0	28.8	52.2
1933	36.9	28.2	38.8	51.0	64.0	78.4	78.3	73.2	72.4	52.8	39.7	34.1	54.0
1934	33.0	24.2	35.1	51.5	67.3	78.0	81.1	74.2	65.1	56.7	45.6	26.9	53.2
1935	27.9	32.4	45.9	48.6	55.8	68.0	78.0	75.0	65.7	54.5	40.0	24.6	51.4
1936	19.0	18.5	42.6	47.2	65.7	72.0	83.0	79.5	70.5	54.3	38.1	33.6	52.0
1937	28.7	28.9	37.0	50.4	62.7	70.2	74.6	76.8	64.4	50.9	37.0	27.1	50.7
1938	27.5	37.7	47.3	53.6	61.7	70.0	76.0	76.2	68.5	59.1	44.5	30.2	54.4
1939	33.1	29.9	41.6	47.1	65.3	73.1	74.8	72.4	71.4	56.6	40.7	34.2	53.4
1940	14.6	30.6	36.2	48.7	58.4	72.5	76.3	75.2	65.4	58.7	38.8	34.9	50.9
1941	28.9	26.6	35.7	56.1	65.5	72.1	74.9	73.9	69.8	57.3	43.4	37.3	53.5
1942	27.1	26.5	42.3	55.7	62.9	71.3	76.1	72.2	64.6	54.9	43.9	23.7	51.8
1943	27.0	31.8	36.1	48.7	60.5	74.9	75.9	74.7	62.1	53.9	37.1	27.5	50.9
1944	31.8	31.3	35.2	49.3	67.8	75.1	75.4	74.8	66.8	54.2	43.8	23.2	52.4
1945	21.1	31.8	50.6	52.3	56.8	67.8	73.5	73.2	66.7	52.4	42.2	22.6	50.9
1946	28.5	32.4	51.5	53.6	59.2	71.4	75.4	69.5	66.9	59.6	44.9	34.7	54.0
1947	30.5	23.1	33.8	50.3	57.7	68.9	71.7	80.3	67.5	62.6	36.1	31.6	51.2
1948	21.6	29.1	40.3	55.8	59.9	71.5	75.3	73.6	68.6	52.4	45.2	33.1	52.2
1949	30.9	32.1	40.5	50.4	63.3	73.9	77.6	72.7	60.7	58.4	42.4	34.9	53.2
1950	34.0	28.6	35.7	44.8	63.1	69.7	72.2	69.5	65.0	58.8	35.1	20.0	49.7

M- Monthly- fewer than 4 days missing. Annually- one or more months incomplete.

\* Hoopeston data missing, Urbana data substituted.

\*\* Annual average calculated from Hoopeston and Urbana data.



YEAS	AVERAGE					TEMPERATURE				HOOPESTON,				IL
	JAN	FEB	MAR	APS	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE	
1951	27.7	29.8	37.3	48.4	64.0	69.2	74.0	71.4	63.9	57.6	34.7	28.9	50.6	
1952	30.7	34.8	37.6	52.2	61.5	76.7	77.6	72.2	66.1	50.5	43.2	33.6	53.1	
1953	32.0	34.8	40.8	48.2	63.1	75.5	75.3	74.2	67.6	59.6	43.4	32.9	54.0	
1954	29.4	39.1	36.6	56.9	57.9	75.6	77.4	72.9	70.7	55.9	42.2	31.9	53.9	
1955	26.7	30.7	40.1	57.8	64.5	67.8	79.8	76.5	67.8	55.6	37.2	27.2	52.6	
1956	27.4	30.7	40.5	49.8	63.7	73.2	73.0	73.5	66.0	61.5	41.3	34.9	53.0	
1957	20.6	34.9	40.0	51.6	62.3	71.6	76.2	73.7	64.3	50.9	40.8	35.6	51.9	
1958	27.6	23.0	36.2	52.9	62.7	66.6	73.5	73.4	66.5	56.3	44.0	23.4	50.5	
1959	22.1	29.7	39.8	51.7	66.8	74.1	75.2	78.6	69.3	53.7	34.7	35.9	52.6	
1960	28.8	26.5	25.5	55.1	59.8	69.7	73.3	74.8	70.7	54.8	42.8	25.6	50.6	
1961	24.0	34.6	43.1	46.2	57.8	70.2	74.6	73.4	70.8	56.5	41.4	27.7	51.7	
1962	20.5	29.2	35.7	50.1	68.5	72.1	72.0	72.0	63.4	57.1	41.4	25.3	50.6	
1963	16.4	19.6	42.5	54.0	60.1	72.5	73.7	69.2	65.5	62.6	45.2	17.8	49.9	
1964	30.3	28.0	38.6	52.3	66.5	72.9	74.0	70.9	65.6	50.8	44.6	28.3	51.9	
1965	27.1	29.0	31.1	51.9	67.1	70.2	72.3	70.6	66.0	53.8	43.8	37.6	51.7	
1966	21.6	29.3	41.2	48.9	57.1	71.6	78.1	70.9	63.7	51.8	42.8	30.4	50.6	
1967	30.0	24.8	40.6	53.3	57.2	72.7	71.5	68.3	63.9	52.7	37.4	31.4	50.3	
1968	23.1	24.7	42.8	51.9	58.0	72.2	73.5	73.0	65.0	54.3	41.6	29.0	50.8	
1969	23.0	30.2	34.0	52.8	62.0	69.0	75.7	73.2	65.2	52.9	38.1	28.0	50.3	
1970	17.2	28.1	35.6	53.2	65.0	70.2	74.8	72.2	68.2	55.1	40.1	32.5	51.0	
1971	21.5	29.7	36.0	50.8	59.4	76.3	71.2	70.2	68.5	61.5	42.5	36.5	52.0	
1972	24.3	27.2	39.0	49.7	64.2	67.0	73.3	72.6	66.9	51.4	37.6	27.4	50.1	
1973	29.4	31.0	47.6	50.7	58.4	72.6	75.1	73.9	68.2	58.9	43.6	27.4	53.1	
1974	26.3	30.1	43.1	53.2	60.0	67.6	76.8	71.8	61.2	53.7	41.3	31.8	51.4	
1975	29.3	28.5	36.0	47.5	65.4	72.4	73.0	74.6	61.8	56.0	46.8	31.9	51.9	
1976	22.1	37.4	45.7	54.1	59.5	71.6	74.2	69.9	63.8	48.5	33.8	23.3	50.3	
1977	9.4	28.5	45.2	57.6	70.0	69.9	77.1	71.2	67.2	51.4	42.5	25.3	51.3	
1978	15.8	15.5	32.9	51.9	60.2	72.3	74.3	72.7	70.9	52.9	43.9	30.7	49.5	
1979	14.1	16.4	40.2	48.5	61.7	72.0	71.9	72.1	65.3	53.9	40.6	34.2	49.2	
1980	25.7	21.8	35.2	49.1	64.1	69.1	78.4	76.6	67.5	51.2	41.5	30.5	50.9	
1981	23.3	31.5	40.7	56.1	58.0	73.6	73.5	71.4	64.6	52.3	43.6	26.5	51.3	
1982	16.2	23.3	38.2	46.0	68.3	66.7	74.7	70.1	65.2	55.2	42.7	38.4	50.4	
1983	28.8	34.4	40.6	47.5	58.4	73.0	79.1	77.4	66.9	55.7	44.8	17.4	52.0	
1984	20.2	36.0	31.1	49.2	58.7	75.4	72.5	74.1	64.5	58.8	41.4	36.6	51.5	
1985	18.8	24.6	44.1	56.9	65.9	69.6	73.1	69.5	66.0	55.0	43.8	20.6	50.7	
1986	28.3	27.0	43.3	55.3	64.1*	72.6	77.5	70.0	69.9	55.2	38.0	31.7	52.7**	
1987	25.5	33.7	43.7	52.1	68.8	74.1	76.7	73.6	67.3	48.8	45.9	33.8	53.7	
1988	24.4	25.1	40.4	51.9	65.7	75.3	78.2	78.2	67.4	48.0	42.9	30.7	52.4	
1989	35.2	22.0	41.1	50.6	59.4	71.7	75.1	72.9	63.2	55.5	40.7	17.1	50.4	
1990	36.4	34.7	44.8	50.9	59.7	71.7	73.1	71.5	67.2	53.7	47.4	31.1	53.5	
1991	23.7	33.8	43.5	55.8	69.5	74.8	76.9	74.9	67.1	56.9	37.5	33.6	54.0	
1992	30.2	36.6	42.4	50.5	61.0	68.3	72.1	68.0	64.1	53.9	40.6	30.6	51.5	
1993	27.9	26.3	37.2	49.6	63.6	70.8	75.9	74.6	61.3	52.3	40.5	30.2	50.9	

M- Monthly- fewer than 4 days missing. Annually- one or more months incomplete.

\* Hoopeton data missing, Urbana data substituted.

\*\* Annual average calculated from Hoopeton and Urbana data.

	COOLING DEGREE						DAYS					HOOPESTON, IL	
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1902						160	361	145	52	5	1	0	
1903	0†	0	12	15	129	100	324	209	101	28	0	0	918††
1904	0*	0*	0*	1*	38*	130*	250	179	103	15	0	0	716**
1905	0	0M†	7	2	64†	198†	270†	270	109	6	0M†	0	926M††
1906	0	0	0	3	123	184	263	327	143	1*	0	0M†	1,044M^
1907	0	0	27	0	15	132	295	110*	98M†	8	0	0M†	685M^
1908	0	0M†	0	1	122	199	317	263	216	18	0	0	1,136M††
1909	0	0M†	0	3	34	205	211	282	82	0	3	0	820M††
1910	0	0	13	15	17	164M†	313	228	77	0*	0	0	827M^
1911	0	0	0	2	215	276M†	323	233M†	124	0M†	2	0	1,175M††
1912	0	0	0	4	98	146M†	260M†	206	175	15	0	0	904M††
1913	0	0	0	6	98	300	388	350M†	145	27	1	0	1,315M††
1914	0	0	0	28	149	324†	414	335	119	33	0	0	1,402††
1915	0	0	0	62	17	141	230	112	169	2	2	0	735
1916	0	0	0	9	94	88	470	381	132	26	4	0	1,204
1917	0	0	2	8	45	148	295	226	94M†	0	0	0	818M††
1918	0	0	0	2	189	248	280	435	19M†	0M†	0†	0	1,173M††
1919	0	0	0M†	0	36	277	418	248	143	56	0*	0*	1,178M^
1920	0	0	0	0	30	218	253	214*	142*	45*	0*	0*	902**
1921	0M†	0	7	10	108†	338	477	245	183M†	3	0	0M†	1,371M††
1922	0*	0*	0	3	91	256	278	290	189*	53*	0*	0	1,160**
1923	0	0	0†	1	8†	234M†	328	242	91*	1*	0	0†	905M^
1924	0	0	0	1	8	151M†	219	259*	40	23	3	0	704M^
1925	0	0	0M†	29	53	301	315	269	257	5	0	0	1,229M††
1926	0	0	0	2	67M†	114	348	307M†	134	27	0M†	0	999M††
1927	0	0	0	7	42	107	291	106	233	27	0	0	813
1928	0	0	0	2	45	97	310M†	308	95	36	0	0	893M††
1929	0M†	0	2	0M†	73	159	327	207	123	0	0	0	891M††
1930	0	0	0	31	74†	226	395	308	163	31	0	0	1,228††
1931	0	0	0	7	50	316	419	285	249	48	0	0	1,374
1932	0	0	0	0	80	262	373	290	91	9	0	0	1,105
1933	0	0	0	2	78	427	420	266	243	4	1	0	1,441
1934	0	0	0	1	152	395	507	310	96	2	0	0	1,463
1935	0	0	0	8	11	146	408	341	110	13	0	0	1,037
1936	0	0	0	6	111†	233	566	457	228	12	0	0	1,613††
1937	0	0	0	0†	62†	182	311	376	119	19	0	0	1,069††
1938	0	0	3	18	77	163	347	353	178	45	3	0	1,187
1939	0	0	3	4	133	269	311	238	239	49	0	0	1,246
1940	0	0	0	4	0†	238	367	337	124	26	0	0	1,096††
1941	0	0	0	27	108†	228	319	288	202	30	0	0	1,202††
1942	0	0	0	0†	66†	231	352	241	155	7	1	0	1,053††
1943	0	0	2	0	48	322	348	308	69	4	0	0	1,101
1944	0	0	0	0	201	321	332	318	119	20	4	0	1,315
1945	0	0	3	8	24	151	264†	268	139	0	4	0	861††
1946	0	0	0	12	20	233	326	164	119	26	0	0†	900††
1947	0	0	0	0	18	165	225	479	190	46	0	0	1,123
1948	0	0	1	35	23	203	324	279	155	2	0	0	1,022
1949	0	0	0	0	70	281	399	249	32	42	0	0	1,073
1950	0	0	0	0	59	176	230	167	81	29	6	0	748

M Monthly- fewer than 4 days missing. Annually- one or more months incomplete.

\* Hoopeston data missing, Urbana data substituted.

\*\* Annual total calculated from Hoopeston and Urbana data.

Degree days based on mean monthly temperature as opposed to daily accumulated values.

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

^ Annual total calculated from values based on mean monthly temperature and daily accumulated values from Hoopeston, as well as data from Urbana.

YEAR	COOLING DEGREE DAYS												HOOPESTON,	IL
	JAN	FEB	MAR	APR	HAY	JUH	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL	
1951	0	0	0	18	88	148	287	206	63	47	0	0	857	
1952	0	0	0	6	71	365	401	234	117	5	3	0	1,202	
1953	0	0	0	0	82	324	331	290	154	46	0	0	1,227	
1954	0	0	0	33	41	349	391	254	207	70	0	0	1,345	
1955	0	0	0	6	92	139	466	368	135	15	1	0	1,222	
1956	0	0	0	9	116	282	256	279	110	31	0	0	1,083	
1957	0	0	0	30	50	224	353	280	79	0	0	0	1,016	
1958	0	0	0	13	59	94	273	271	116	26	2	0	854	
1959	0	0	0	2	153	293	324	427	188	14	0	0	1,401	
1960	0	0	0	34	36	165	263	310	202	11	0	0	1,021	
1961	0	0	0	5	21	183	303	271	240	18	1	0	1,042	
1962	0	0	0	23	176	228	225	228	83	45	0	0	1,008	
1963	0	0	0	10	31	248	282	166	89	51	0	0	877	
1964	0	0	0	5	116	264	292	209	128	0	0	0	1,014	
1965	0	0	0	1	121	170	233	191	111	13	0	0	840	
1966	0	0	0	0	28	225	412	199	77	1	0	0	942	
1967	0	0	4	9	41	245	225	142	89	26	0	0	781	
1968	0	0	0	1	21	235	275	276	69	31	3	0	911	
1969	0	0	0	2	80	178	338	261	92	20	0	0	971	
1970	0	0	0	25	110	194	312	232	154	6	0	0	1,033	
1971	0	0	0	7	31	347	212	170	184	43	0	0	994	
1972	0	0	0	3	102	130	276	252	134	0	0	0	897	
1973	0	0	0	3	9	234	319	282	140	38	0	0	1,025	
1974	0	0	2	7	40	128	373	217	40	6	0	0	813	
1975	0	0	0	5	104	246	269	304	58	16	0	0	1,002	
1976	0	0	0	26	23	205	291	173	69	9	0	0	796	
1977	0	0	0	51	221	184	384	207	108	0	2	0	1,157	
1978	0	0	0	0	84	236	297	246	229	2	0	0	1,094	
1979	0	0	0	1	67	224	224	239	93	20	0	0	868	
1980	0	0	0	7	79	162	421	364	137	13	0	0	1,183	
1981	0	0	0	14	25	267	273	215	81	4	0	0	879	
1982	0	0	0	0	138	98	309	182	101	35	1	0	864	
1983	0	0	2	4	7	264	447	391	157	22	0	0	1,294	
1984	0	0	0	4	20	319	245	291	130	16	0	0	1,025	
1985	0	0	7	45	99	169	261	161	155	6	0	0	903	
1986	0	0	10	26	83*	246	395	182	183	10	0	0	1,135**	
1987	0	0	0	15	181	285	370	284	111	0	4	0	1,250	
1988	0	0	0	4	108	333	417	419	125	3	0	0	1,409	
1989	0	0	0	14	55	216	321	256	67	19	0	0	948	
1990	0	0	11	30	11	229	264	217	156	19	0	0	937	
1991	0	0	5	11	210	299	375	314	196	25	0	0	1,435	
1992	0	0	0	3	68	139	228	120	84	5	0	0	647	
1993	0	0	0	0	60	225	345	305	31	6	0	0	972	

M Monthly- fewer than 4 days missing. Annually- one or more months in complete.

\* Hoopeston data missing, Urbana data substituted.

\*\* Annual total calculated from Hoopeston and Urbana data.

Degree days based on lean Bontby temperature as opposed to daily accumulated values.

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

^ Annual total calculated from values based on mean monthly temperature and daily accumulated values from Hoopeston, as well as data from Urbana.

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
01-02												39	
02-03	2	14	132	322	511	1,225	1,209#	1,066	623	427	123	84	5,738##
03-04	2	10	95	362	875	1,357	1,456*	1,249*	813*	584*	146*	11*	6,960**
04-05	6	16	63	369	732	1,154	1,364	1,305M#	612	413	136#	0#	6,170M##
05-06	0#	0	41	385	735M#	1,049	975	1,041	1,060	342	140	22	5,790M##
06-07	0	5	21	364*	753	1,011M#	1,052	1,023	580	663	311	58	5,841M^
07-08	6	10*	102M#	417	798	1,011M#	1,091	1,099M#	653	387	178	32	5,784M^
08-09	2	6	56	332	660	1,011	1,085	882M#	819	442	201	15	5,511M##
09-10	14	3	128	498	444	1,355	1,175	1,058	482	376	271	36M#	5,840M##
10-11	0	13	67	271*	851	1,202	1,084	863	779	479	97	0M#	5,706M^
11-12	6	0M#	37	378M#	867	938	1,563	1,231	1,077	373	113	54M#	6,637M##
12-13	0M#	21	103	278	652	939	1,044	1,115	846	419	133	42	5,592M##
13-14	0	0M#	121	371	527	876	972	1,242	844	407	124	0#	5,484M##
14-15	0	0	78	225	593	1,294	1,290	802	907	264	187	32	5,672
15-16	5	51	77	283	594	1,109	1,045	1,122	871	442	142	43	5,784
16-17	0	3	114	330	622	1,152	1,131	1,155	715	482	316	43	6,063
17-18	2	4	107M#	575	658	1,339	1,643	950	542	495	76	9	6,400M##
18-19	7	0	181M#	267M#	678#	819	1,017	930	732M#	405	234	1	5,271M##
19-20	0	2	21	269	756*	1,271*	1,399	1,060	735	591	191	31	6,326**
20-21	0	17*	39*	205*	746*	1,044*	989M#	817	503	312	92#	8	4,772M^
21-22	0	5	17M#	336	711	958M#	1,265*	924*	732	373	46	0	5,367M^
22-23	1	1	46*	267*	652*	1,043	1,031	1,128	840#	443	192#	0M#	5,644M^
23-24	1	9	77*	428*	653	781#	1,383	1,042	919	376	298	49M#	6,016M^
24-25	22	3*	142	186	698	1,272	1,278	840	719M#	268	251	4	5,683M^
25-26	3	0	21	593	777	1,194	1,166	904	976	619	133M#	39	6,425M##
26-27	4	0M#	90	356	828M#	1,137	1,221	750	647	408	180	56	5,677M##
27-28	1	30	61	221	571	1,107	1,158	953	783	535	143	55	5,618
28-29	0M#	2	182	272	637	955	1,342M#	1,165	551	312M#	258	44	5,720M##
29-30	1	7	94	399	838	1,128	1,359	713	824	358	126#	32	5,879##
30-31	9	6	58	402	687	1,072	1,008	787	906	388	244	31	5,598
31-32	0	3	35	241	434	804	915	800	1,016	395	129	3	4,775
32-33	0	2	86	334	895	1,116	863	1,024	803	417	102	17	5,659
33-34	0	3	17	378	753	951	985	1,134	920	401	71	0	5,613
34-35	0	16	87	252	576	1,174	1,139	906	587	494	292	47	5,570
35-36	0	24	83	331	742	1,244	1,421	1,342	687	535	89#	16	6,514##
36-37	0	0	58	335	801	964	1,118	1,002	863	330#	138#	19	5,628##
37-38	4	0	131	447	834	1,168	1,158	758	547	350	172	6	5,575
38-39	0	0	65	219	611	1,070	985	978	721	535	118	19	5,321
39-40	0	0	40	302	725	948	1,559	991	887	485	208#	9	6,154##
40-41	7	12	105	216	781	926	1,113	1,071	903	286	92#	9	5,521##
41-42	3	3	50	263	641	850	1,168	1,072	695	279#	135#	34	5,193##
42-43	1	8	163	310	629	1,272	1,170	925	890	482	180	17	6,047
43-44	0	4	149	343	828	1,157	1,021	970	917	461	107	11	5,968
44-45	1	6	57	349	631	1,291	1,352	926	444	385	272	60	5,774
45-46	0#	5	80	386	681	1,306	1,121	907	410	347	191	34	5,468##
46-47	0	21	57	186	595	939#	1,061	1,167	962	435	237	41	5,701##
47-48	10	0	110	112	859	1,031	1,339	1,034	763	304	176	2	5,740
48-49	0	4	43	386	586	981	1,050	916	752	429	115	8	5,270
49-50	0	3	157	238	673	928	956	1,011	900	602	112	27	5,607

M Monthly- fewer than 4 days missing. Annually- one or more months incomplete.

\* Hoopeston data missing, Urbana data substituted.

\*\* Seasonal total calculated from Hoopeston and Urbana data.

Degree days based on mean monthly temperature as opposed to daily accumulated values.

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

^ Seasonal total calculated from values based on mean monthly temperature and daily accumulated values from Hoopeston, as well as data from Urbana.

## HEATING DEGREE DAYS

HOOPESTON, IL

TEAS	HEATING DEGREE DAYS												SEASONAL
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAT	JUN	TOTAL
50-51	1	22	74	212	898	1,391	1,152	977	852	512	114	19	6,224
51-52	1	4	92	270	900	1,111	1,058	871	842	383	174	7	5,713
52-53	0	6	75	447	652	967	1,017	839	740	501	136	3	5,383
53-54	1	1	72	208	638	991	1,098	720	873	268	254	23	5,147
54-55	0	5	29	345	676	1,020	1,177	955	764	212	100	50	5,333
55-56	0	1	44	299	830	1,161	1,158	989	754	459	148	29	5,872
56-57	0	7	71	132	705	927	1,372	837	767	426	127	17	5,388
57-58	0	4	94	429	720	904	1,152	1,172	888	369	120	38	5,890
58-59	3	5	66	288	625	1,284	1,322	981	772	393	91	9	5,839
59-60	0	0	55	359	902	896	1,115	1,111	1,218	325	194	19	6,194
60-61	0	0	28	318	661	1,211	1,264	847	673	563	237	20	5,822
61-62	2	6	59	274	703	1,153	1,373	997	903	463	59	8	6,000
62-63	3	5	128	284	700	1,224	1,501	1,267	691	334	179	18	6,334
63-64	4	26	66	116	584	1,458	1,068	1,064	810	378	64	19	5,657
64-65	4	21	103	432	605	1,131	1,171	1,002	1,046	388	49	7	5,959
65-66	0	15	73	351	627	842	1,343	994	730	476	266	17	5,734
66-67	0	9	107	403	659	1,064	1,081	1,122	753	353	277	7	5,835
67-68	17	32	116	399	820	1,031	1,294	1,161	681	390	233	15	6,189
68-69	4	21	63	356	699	1,110	1,299	969	954	359	167	49	6,050
69-70	0	0	79	390	800	1,139	1,477	1,027	904	373	104	29	6,322
70-71	3	0	53	304	738	1,000	1,341	983	892	429	199	2	5,944
71-72	12	3	72	143	668	878	1,259	1,088	800	456	121	63	5,563
72-73	16	10	70	415	816	1,156	1,095	946	535	423	207	0	5,689
73-74	0	1	39	217	635	1,158	1,193	971	673	350	190	41	5,468
74-75	0	2	149	348	701	1,023	1,099	1,014	894	521	84	18	5,853
75-76	13	0	148	287	542	1,019	1,322	795	593	347	189	2	5,257
76-77	0	14	98	512	929	1,287	1,720	1,012	608	264	59	31	6,534
77-78	3	5	36	416	669	1,226	1,522	1,382	988	385	226	11	6,869
78-79	2	2	44	370	626	1,056	1,570	1,350	763	489	164	4	6,440
79-80	6"	13	77	356	724	949	1,212	1,248	916	476	100	32	6,109
80-81	0	0	57	432	700	1,064	1,283	931	742	273	239	0	5,721
81-82	2	8	89	393	637	1,185	1,512	1,160	821	564	29	38	6,438
82-83	2	16	86	331	662	820	1,114	851	752	524	204	17	5,379
83-84	5	0	93	305	598	1,471	1,383	836	1,042	474	206	1	6,414
84-85	3	2	135	203	702	871	1,425	1,125	646	280	64	22	5,478
85-86	1	14	118	310	630	1,371	1,127	1,056	677	310	101*	11	5,726"
86-87	0	22	31	308	803	1,026	1,217	871	655	394	58	4	5,389
87-88	1	11	39	494	569	961	1,255	1,151	755	389	78	17	5,720
88-89	0	5	43	522	656	1,057	916	1,196	733	441	221	8	5,798
89-90	0	4	112	304	722	1,481	879	843	629	448	169	19	5,610
90-91	4	9	85	361	523	1,041	1,275	866	665	283	66	0	5,178
91-92	0	0	125	271	817	966	1,073	817	693	431	184	33	5,410
92-93	0	20	104	338	726	1,062	1,144	1,078	856	454	95	44	5,921
93-94	0	1	136	394	730	1,070							

M Monthly- fewer than 4 days missing. Annually- one or more months incomplete.

\* Hoopeston data missing, Orban data substituted.

\*\* Seasonal total calculated from Hoopeston and Orban data.

Degree days based on mean monthly temperature as opposed to daily accumulated values.

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

^ Seasonal total calculated from values based on mean monthly temperature and daily accumulated values from Hoopeston, as well as data from Orban.

PRECIPITATION

HOOPESTON, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1902						14.37	4.85	2.30	3.01	1.99	2.88	2.60	
1903	1.94	3.03	0.64	6.45	3.77	1.84	3.85	5.78	1.64	1.92	1.80	2.45	35.11
1904	5.20	2.16	7.36	2.61	2.35	1.87	4.36	2.81	3.91	0.38	0.08	1.35	34.44
1905	1.76	2.77	1.24	3.91	5.53	2.15	3.81	3.75	5.09	2.82	2.83	1.47	37.13
1906	2.52	1.52	4.46	1.84	3.58	1.57	2.34	7.87	2.31	1.50	5.55	3.57	38.63
1907	5.89	0.22	4.26	2.90	3.28	5.34	6.48	2.08	5.09	0.94	2.27	3.88	42.63
1908	1.41	6.23	3.64	4.45	8.07	0.86	2.19	1.11	1.79	0.33	2.81	1.61	34.50
1909	2.87	6.88	1.76	6.45	4.24	4.18	6.07	5.28	2.33	2.10	3.47	3.61	49.24
1910	2.99	1.86	0.46	2.46	5.38	1.73	4.66	2.23	5.12	1.34*	0.85	2.07	31.15**
1911	3.04	1.97	2.29	4.45	2.26	1.88K	3.42	2.92	7.28	4.19	3.54	1.71	38.95K
1912	1.71	2.11	3.25	5.77	3.88	3.36N	6.62	5.50	2.13	1.80	2.97	0.70	39.80N
1913	6.21	1.46	6.96	2.51	1.99	3.21H	2.58	5.14	2.44	3.71	3.31	1.24	40.76H
1914	2.18	2.61	2.02	2.69	4.29	1.80	1.52	2.27	1.63	3.24	0.62	2.56	27.43
1915	2.37	2.64	1.26	2.29	4.30	2.33	7.88	3.50	6.90	1.01	1.50	1.96	37.94
1916	6.55	0.50	1.86	1.51	5.97	5.29	2.43	2.50	1.83	3.33	2.08	2.88	36.73
1917	0.97	0.56	3.68	4.27	4.74	6.66	2.55	2.80	1.22	3.71	0.34	0.80	32.30
1918	2.65	2.10	1.21	5.60	4.02	7.11	2.34	3.87	4.19	4.14	1.91	4.59	43.73
1919	0.59	2.14	3.83	1.97	3.10	3.74	1.12	2.56	2.89	4.98	3.37*	0.33	30.62**
1920	1.27	0.38	4.11	6.23	3.19	1.00	2.51	3.18*	1.79*	1.82	1.29*	2.81*	29.58**
1921	2.18	0.78	5.31	3.91	1.00	2.58	2.47	5.07	5.08	2.84	5.37	1.80	38.39
1922	1.23*	1.85	6.23	5.68	3.10	0.88	3.95	1.19	0.57*	3.17*	2.74	1.74	32.33**
1923	1.65	1.17	4.34	2.21	7.30	2.54	3.53	3.76	3.84	4.75	1.81	5.45	42.35
1924	2.12	2.10	3.51	2.85	3.83	8.81	0.97	6.85	3.33	0.73	0.72	6.25	42.07
1925	0.55	0.90	4.42	1.78	0.22	2.78	2.43	3.46	4.65	2.41	2.78	1.51	27.89
1926	2.64	2.66	2.83	3.88	3.77	1.86	3.31	8.81	12.08	6.02	2.18	1.14	51.18
1927	1.63	1.95	4.20	7.55	7.51	4.31	2.02	2.30	6.23	2.93	7.38	4.09	52.10
1928	1.78	1.97	0.96	1.92	2.14	6.33	3.96	1.98	2.62	2.67	2.08	1.84	30.25
1929	3.07	0.49	2.49	5.64	6.59	4.69	4.06	2.09	1.34	4.12	1.96	2.97	39.51
1930	5.43	1.59	1.60	4.57	2.12	2.13	1.99	2.41	2.66	1.64	2.81	0.21	29.16
1931	0.37	0.91	1.68	3.38	4.49	4.99	9.39	4.16	5.40	3.07	3.39	1.89	43.12
1932	2.34	2.10	1.88	1.45	1.21	2.87	3.26	5.67	3.25	3.81	3.04	3.84	34.72
1933	1.99	1.22	3.93	4.38	7.51	0.74	0.83	1.62	6.20	3.70	0.86	1.53	34.51
1934	1.61	0.60	3.30	1.60	0.71	3.06	1.98	5.58	7.23	0.94	5.93	1.89	34.43
1935	2.36	1.37	4.65	2.00	6.37	5.26	6.41	1.09	4.07	1.84	5.05	1.37	41.84
1936	1.25	2.16	1.32	3.20	2.90	0.19	1.66	3.58	4.73	4.73	2.97	3.25	31.94
1937	5.22	1.50	0.99	6.38	2.54	5.64	1.87	2.27	3.93	3.15	1.48	2.03	37.00
1938	1.16	4.57	5.78	2.82	4.94	5.49	5.27	2.85	3.94	1.74	1.96	1.68	42.20
1939	2.87	3.16	4.34	6.52	2.63	7.09	7.08	2.69	0.64	4.82	1.49	1.04	44.37
1940	1.30	1.31	2.62	4.14	6.12	4.87	0.94	1.79	0.61	1.85	4.45	2.11	32.11
1941	1.39	0.77	1.35	3.26	3.18	3.25	5.25	3.27	1.45	9.21	2.81	1.46	36.65
1942	2.03	3.84	5.12	2.73	4.35	4.66	3.84	3.59	3.37	2.41	6.44	2.01	44.39
1943	1.24	1.07	3.75	2.98	10.09	3.68	4.71	3.59	1.88	1.92	3.00	0.59	38.50
1944	0.27	3.02	2.77	6.16	4.07	5.17	1.03	3.53	1.39	1.00	1.65	1.34	31.40
1945	0.51	1.36	5.90	3.51	5.23	3.30	1.25	2.97	6.58	2.76	2.39	2.44	38.20
1946	1.23	2.35	3.84	1.29	5.01	9.53	2.20	1.40	1.30	5.35	3.52	1.70	38.72
1947	2.24	0.12	2.06	6.70	2.59	6.25	1.23	4.42	3.91	3.43	2.20	2.33	37.48
1948	1.22	2.16	4.36	1.93	3.76	4.92	5.04	0.94	2.48	1.10	3.20	3.19	34.30
1949	6.28	2.91	2.04	2.06	4.47	2.98	6.41	0.80	1.45	6.42	1.19	4.94	41.95
1950	7.09	3.60	1.66	4.82	2.95	6.12	3.45	3.43	5.41	2.01	2.94	1.54	45.02

M- Monthly-fewer than 4 days missing. Annually- one or more months incomplete.

\* Hoopeston data missing. Urbana data substituted.

\*\* Annual average calculated from Hoopeston and Urbana data.

PRECIPITATION

HOOPESTON, IL

TEAS	JAN	FEB	HAS	APS	HAT	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1951	2.45	3.87	3.67	3.59	3.64	5.26	5.06	2.63	3.30	4.25	2.70	2.63	43.05
1952	1.68	1.74	3.29	4.85	5.31	7.09	1.70	4.78	2.04	0.96	1.92	1.56	36.92
1953	2.30	1.67	4.93	1.54	4.41	2.72	7.10	0.92	0.99	1.57	0.90	1.13	30.18
1954	2.30	2.43	2.52	3.40	1.71	3.88	2.53	3.09	0.11	5.56	0.82	1.59	29.94
1955	2.40	1.68	2.87	2.70	4.33	2.43	3.49	2.36	2.29	5.82	1.80	0.40	32.57
1956	0.76	2.59	2.58	2.63	4.56	2.85	4.78	1.61	1.16	0.51	1.72	2.07	27.82
1957	1.80	1.27	1.35	7.13	4.98	6.09	5.04	2.12	3.27	4.29	2.81	4.37	44.52
1958	1.22	0.45	0.97	2.22	1.33	9.29	5.44	2.60	3.22	0.79	4.91	0.33	32.77
1959	2.98	2.95	3.66	4.23	3.24	0.44	3.83	1.74	4.28	4.63	2.92	1.97	36.87
1960	1.18	3.33	1.06	4.48	2.64	6.62	2.58	2.47	3.28	2.62	1.66	1.09	33.01
1961	0.32	1.72	4.06	4.56	3.50	3.51	4.97	1.39	5.63	2.14	3.04	2.00	36.84
1962	3.64	2.03	2.43	2.19	7.33	3.23	9.46	2.49	4.19	2.27	0.94	0.21	40.41
1963	0.66	1.28	5.81	4.05	1.66	1.68	4.66	1.81	0.47	0.68	2.17	0.54	25.47
1964	1.40	0.72	3.40	7.98	0.65	7.83	4.13	2.97	2.26	0.31	2.70	1.42	35.77
1965	4.15	1.63	1.52	4.49	4.66	1.73	2.14	4.45	10.51	2.66	0.85	3.35	42.14
1966	0.18	1.56	2.26	4.92	3.22	2.78	1.01	2.92	5.19	0.84	4.85	4.48	34.21
1967	2.53	0.92	2.00	4.01	4.24	3.21	2.03	2.01	1.11	4.15	2.05	7.00	35.26
1968	1.81	1.94	1.72	4.06	6.47	4.41	5.57	5.28	3.92	0.81	4.73	2.21	42.93
1969	3.33	0.38	1.79	6.86	2.94	3.40	2.87	1.04	4.82	4.91	2.72	0.84	35.90
1970	0.41	0.60	1.98	7.05	5.75	3.15	5.17	3.64	9.41	3.07	1.76	0.78	42.77
1971	0.67	3.48	1.61	0.94	3.26	3.37	7.74	2.42	3.81	1.04	1.10	5.19	34.63
1972	0.96	0.61	2.04	4.93	1.97	5.28	2.93	4.88	6.34	1.97	4.17	4.12	40.20
1973	1.32	0.59	4.92	4.99	3.18	6.70	5.94	1.91	1.73	4.22	2.69	3.72	41.91
1974	2.36	2.41	3.27	3.12	8.22	4.81	1.35	5.13	3.23	2.08	3.65	1.92	41.55
1975	4.01	1.97	2.17	2.91	2.84	3.21	3.20	7.04	1.75	1.30	3.31	2.39	36.10
1976	1.12	2.78	4.04	1.15	2.21	5.62	1.29	1.79	2.77	3.52	0.58	0.28	27.15
1977	0.60	0.51	4.47	2.18	3.85	1.08	6.45	11.88	4.30	6.00	1.45	2.79	45.56
1978	1.09	0.20	1.87	2.77	5.04	2.21	4.67	2.60	0.93	1.81	2.18	2.38	27.75
1979	2.83	0.76	4.20	5.46	2.48	2.53	6.58	5.30	0.00	0.89	3.20	1.40	35.63
1980	0.75	1.40	4.59	1.67	1.43	6.94	1.30	3.72	3.36	1.34	0.67	1.81	28.98
1981	0.26	2.51	0.40	6.98	6.34	3.07	6.91	7.44	5.15	2.57	1.37	1.47	44.47
1982	3.59	1.27	3.71	3.32	5.61	3.97	3.11	3.38	1.16	2.29	4.28	3.86	39.55
1983	0.54	1.15	2.39	5.43	4.74	4.23	0.84	4.78	0.73	5.26	3.81	3.85	37.75
1984	0.61	1.90	3.60	2.94	7.07	1.58	2.71	2.05	2.06	4.95	3.38	3.01	35.86
1985	2.11	3.62	3.71	1.92	2.74	2.65	4.39	7.28	0.95	4.46	8.23	1.96	44.02
1986	0.08	1.89	1.04	1.36	2.72*	5.81	3.11	1.51	3.42	2.89	1.71	1.10	26.64**
1987	1.45	0.10	1.38	3.52	2.95	4.81	2.89	6.42	1.88	1.01	3.89	4.74	35.04
1988	1.30	1.32	3.35	2.26	1.10	0.17	2.00	1.89	4.16	4.36	5.33	2.59	29.83
1989	1.12	1.16	1.78	3.77	3.85	1.65	2.03	1.68	3.94	1.48	1.77	0.61	24.84
1990	1.15	6.14	5.44	2.38	6.71	5.27	6.60	2.78	1.45	5.94	3.27	6.29	53.42
1991	1.33	0.32	4.57	2.68	4.42	1.11	0.92	2.19	1.34	6.62	3.20	1.53	30.23
1992	1.04	1.54	2.61	2.49	1.12	3.29	8.38	2.24	3.52	1.77	5.99	2.18	36.17
1993	3.83	1.43	2.59	5.94	3.11	6.29	8.80	2.67	8.40	4.12	3.49	1.94	52.61

M- Monthly-fewer than 4 days missing. Annually- one or more months incomplete.

\* Hoopeston data missing. Urbana data substituted.

\*\* Annual average calculated from Hoopeston and Drbana data.

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
01-02												0.0	
02-03	0.0	0.0	0.0	0.0	6.0	8.5	14.0	16.0	1.0	4.0	0.0	0.0	49.5
03-04	0.0	0.0	0.0	0.0	6.0	14.0	30.2	17.5	8.5	1.0	0.0	0.0	77.2
04-05	0.0	0.0	0.0	0.0	0.0	6.0	8.0	21.0M	2.0	1.5	0.0	0.0	38.5M
05-06	0.0	0.0	0.0	0.0	0.0	5.4	2.6	1.7	24.5	0.0	0.0	0.0	34.2
06-07	0.0	0.0	0.0	0.0	1.9	1.6	12.7	2.1	5.9	1.8	0.0	0.0	26.0
07-08	0.0	0.0	0.0	0.0	2.6	13.8	3.2	31.9	0.0	0.0	0.0	0.0	51.5
08-09	0.0	0.0	0.0	0.0	0.1	5.3	9.0	12.0	1.8	1.0	0.2	0.0	29.4
09-10	0.0	0.0	0.0	0.0	0.0	18.6	2.7	7.1	0.0	6.9	0.0	0.0M	35.3M
10-11	0.0	0.0	0.0	0.0*	0.0	3.6	5.6	9.7	4.3	3.6	0.0	0.0M	26.8M**
11-12	0.0	0.0	0.0	0.0	3.2	3.3	6.0	16.1	13.1	0.0	0.0	0.0	41.7
12-13	0.0	0.0	0.0	0.0	0.7	0.2	5.7	9.0	9.1	0.0	0.0	0.0	24.7
13-14	0.0	0.0	0.0	1.2	0.0	1.5	8.9	20.1	2.9	0.1	0.0	0.0	34.7
14-15	0.0	0.0	0.0	0.0	0.0	17.1	7.1	0.9	2.3	0.0	0.0	0.0	27.4
15-16	0.0	0.0	0.0	0.0	0.7	9.5	3.2	5.9	6.7	0.0	0.0	0.0	26.0
16-17	0.0	0.0	0.0	0.6	0.1	6.6	6.0	3.8	0.1	0.0	0.0	0.0	17.2
17-18	0.0	0.0	0.0	1.8	0.2	8.0	18.0	0.4	0.2	0.0	0.0	0.0	28.6
18-19	0.0	0.0	0.0	0.0	0.0	0.6	1.2	3.7	3.3	0.0	0.0	0.0	8.8
19-20	0.0	0.0	0.0	0.0	0.0*	0.6	10.4	1.3	0.5	9.0	0.0	0.0	21.8**
20-21	0.0	0.0*	0.0*	0.0	0.2*	6.9*	3.6	0.0	0.0	1.5	0.0	0.0	12.2**
21-22	0.0	0.0	0.0	0.0	4.5	0.0M	6.2*	4.0	5.0	0.0	0.0	0.0	19.7M**
22-23	0.0	0.0	0.0*	0.0*	0.0	4.2	9.0	4.0	0.0	0.0	1.0	0.0	18.2**
23-24	0.0	0.0	0.0	0.0	0.0	0.0	9.5	2.5	12.0	0.0	0.0	0.0	24.0
24-25	0.0	0.0	0.0	0.0	1.7	5.0	7.0	0.0	2.5	0.0	0.0	0.0	16.2
25-26	0.0	0.0	0.0	3.5	2.0	5.0	10.0	7.5	9.5	12.0	0.0	0.0	49.5
26-27	0.0	0.0	0.0	0.0	1.7	3.2	12.7	0.0M	0.0	0.0	0.0	0.0	17.6M
27-28	0.0	0.0	0.0	0.0	3.6	5.2	0.5	3.0	2.3	0.0	0.0	0.0	14.6
28-29	0.0	0.0	0.0	0.0	0.0	0.5	9.9	5.0	0.0	0.0	2.5	0.0	17.9
29-30	0.0	0.0	0.0	1.0	0.2	11.2*	4.8	0.0	7.0	0.0	0.0	0.0	24.2**
30-31	0.0	0.0	0.0	0.0	2.0	1.5	1.4	0.0	7.8	0.0	0.0	0.0	12.7
31-32	0.0	0.0	0.0	0.0	2.5	0.0	2.0	0.0	5.5	0.5	0.0	0.0	10.5
32-33	0.0	0.0	0.0	0.0	12.0	4.0	1.5	5.0	7.5	0.0	0.0	0.0	30.0
33-34	0.0	0.0	0.0	0.0	0.0	0.5	0.5	7.5	15.0	0.0	0.0	0.0	23.5
34-35	0.0	0.0	0.0	0.0	0.0	14.5	0.0	1.0	0.0	0.0	0.0	0.0	15.5
35-36	0.0	0.0	0.0	0.0	0.5	5.9	10.2	7.0	4.0	0.5	0.0	0.0	28.1
36-37	0.0	0.0	0.0	0.0	0.0	2.5	6.5	4.5	1.5	0.0	0.0	0.0	15.0
37-38	0.0	0.0	0.0	0.0	5.5	3.5	3.5	6.5	0.0	0.0	0.0	0.0	19.0
38-39	0.0	0.0	0.0*	0.0	1.0	3.5	14.5	7.0	0.0	2.0	0.0	0.0	28.0
39-40	0.0	0.0	0.0	0.0	0.0	3.5	4.5	5.5	0.0	3.5	0.0	0.0	17.0
40-41	0.0	0.0	0.0	0.0	0.0	1.0	7.0	5.0	2.0	0.0	0.0	0.0	15.0
41-42	0.0	0.0	0.0	0.0	3.5	2.0	2.0	4.2	6.5	0.0	0.0	0.0	18.2
42-43	0.0	0.0	0.0	0.0	11.0	6.0	7.7	2.7	2.5	0.0	0.0	0.0	29.9
43-44	0.0	0.0	0.0	0.0	1.0	3.0	0.0	12.0	5.0	0.0	0.0	0.0	21.0
44-45	0.0	0.0	0.0	0.0	1.5	14.5	6.5	4.0	1.0	0.0	0.0	0.0	27.5
45-46	0.0	0.0	0.0	0.0	0.5	8.5	6.5	1.8	0.0	0.0	0.0	0.0	17.3
46-47	0.0	0.0	0.0	0.0	0.0	2.5	4.0	1.7	6.0	0.0	0.0	0.0	14.2
47-48	0.0	0.0	0.0	0.0	0.5	3.0	1.5	6.0	6.0	0.0	0.0	0.0	17.0
48-49	0.0	0.0	0.0	0.0	0.0	4.5	1.0	1.0	0.5	0.0	0.0	0.0	7.0
49-50	0.0	0.0	0.0	0.0	0.0	1.5	1.6	12.0	4.0	0.0	0.0	0.0	19.1

M Monthly- fewer than 4 days missing

\* Hoopeston data missing, Urbana data substituted

\*\* Seasonal total calculated from Hoopeston and Urbana data.



## SHOWFALL

## HOOPESTON, IL

YEAR	SHOWFALL												SEASONAL
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
50-51	0.0	0.0	0.0	0.0	6.0	13.5	3.0	4.0	11.5	0.0	0.0	0.0	38.0
51-52	0.0	0.0	0.0	0.0	11.3	9.8	2.2	8.9	3.5	0.6	0.0	0.0	36.3
52-53	0.0	0.0	0.0	0.0	1.0	5.0	4.1	1.8	3.5	2.2	0.0	0.0	17.6
53-54	0.0	0.0	0.0	0.0	2.7	1.4	1.9	6.2	6.7	0.0	0.0	0.0	18.9
54-55	0.0	0.0	0.0	0.2	2.2	2.2	2.4	4.6	2.5	0.0	0.0	0.0	14.1
55-56	0.0	0.0	0.0	0.0	4.9	3.7	7.2	10.7	5.9	0.2	0.0	0.0	32.6
56-57	0.0	0.0	0.0	0.0	1.3	6.2	8.3	0.7	4.5	5.2	0.0	0.0	26.2
57-58	0.0	0.0	0.0	0.0	0.1	4.0	1.2	0.7	2.0	0.0	0.0	0.0	8.0
58-59	0.0	0.0	0.0	0.0	1.8	2.9	7.4	3.4	3.4	0.0	0.0	0.0	18.9
59-60	0.0	0.0	0.0	0.0	5.6	1.8	2.2	10.9	9.6	0.0	0.0	0.0	30.1
60-61	0.0	0.0	0.0	0.0	1.1	10.7	3.1	9.6	0.2	6.8	0.0	0.0	31.5
61-62	0.0	0.0	0.0	0.0	1.5	4.8	7.1	9.1	2.5	2.0	0.0	0.0	27.0
62-63	0.0	0.0	0.0	0.1	0.0	1.4	6.3	14.8	0.2	0.0	0.0	0.0	22.8
63-64	0.0	0.0	0.0	0.0	0.0	3.7	4.7	9.4	9.6	0.0	0.0	0.0	27.4
64-65	0.0	0.0	0.0	0.0	4.7	4.5	3.3	5.0	7.1	0.0	0.0	0.0	24.6
65-66	0.0	0.0	0.0	0.0	0.0	1.2	0.3	3.2	2.4	0.1	0.0	0.0	7.2
66-67	0.0	0.0	0.0	0.0	0.3	1.3	3.9	4.2	5.1	0.8	0.0	0.0	15.6
67-68	0.0	0.0	0.0	0.0	5.0	5.2	6.6	2.9	2.6	0.0	0.0	0.0	22.3
68-69	0.0	0.0	0.0	0.0	0.6	1.5	3.5	1.3	4.5	0.0	0.0	0.0	11.4
69-70	0.0	0.0	0.0	0.0	2.0	4.9	4.6	4.4	3.5	1.5	0.0	0.0	20.9
70-71	0.0	0.0	0.0	0.0	0.0	2.4	2.4	1.8	7.7	0.0	0.0	0.0	14.3
71-72	0.0	0.0	0.0	0.0	3.6	0.2	6.9	3.3	0.9	3.5	0.0	0.0	18.4
72-73	0.0	0.0	0.0	0.1	5.1	1.8	0.8	2.4	1.5	0.3	0.0	0.0	12.0
73-74	0.0	0.0	0.0	0.0	0.0	14.8	5.7	3.1	4.2	0.5	0.0	0.0	28.3
74-75	0.0	0.0	0.0	0.0	4.2	6.1	6.3	5.1	2.6	0.5	0.0	0.0	24.8
75-76	0.0	0.0	0.0	0.0	3.1	3.8	4.1	3.4	3.0	0.0	0.0	0.0	17.4
76-77"	0.0	0.0	0.0	0.0	0.0	2.1	7.0	2.7	1.8	0.0	0.0	0.0	13.6
77-78	0.0	0.0	0.0	0.0	2.3	12.2	9.7	2.8	4.9	0.0	0.0	0.0	31.9
78-79	0.0	0.0	0.0	0.0	0.2	0.7	16.4	3.0	3.2	0.0	0.0	0.0	23.5
79-80	0.0	0.0	0.0	0.0	0.9	0.1	2.6	10.3	1.2	1.5	0.0	0.0	16.6
80-81	0.0	0.0	0.0	0.0	3.4	3.3	3.8	6.9	0.2	0.0	0.0	0.0	17.6
81-82	0.0	0.0	0.0	0.0	0.3	12.9	9.2	10.6	1.4	5.7	0.0	0.0	40.1
82-83	0.0	0.0	0.0	0.0	0.0	3.2	1.2	2.3	6.3	0.0	0.0	0.0	13.0
83-84	0.0	0.0	0.0	0.0	0.0	13.6	3.4	7.6	4.9	0.0	0.0	0.0	29.5
84-85	0.0	0.0	0.0	0.0	0.6	0.6	4.3	5.3	0.0	0.0	0.0	0.0	10.8
85-86	0.0	0.0	0.0	0.0	0.0	5.1	0.5	6.4	0.4	0.4	0.0*	0.0	12.8**
86-87	0.0	0.0	0.0	0.0	0.3	0.0	14.7	0.0	0.0	0.0	0.0	0.0	15.0
87-88	0.0	0.0	0.0	0.0	0.0	3.6	1.0	7.1	3.1	0.0	0.0	0.0	14.8
88-89	0.0	0.0	0.0	0.0	0.9	3.6	0.5	9.6	0.0	0.8	0.0	0.0	15.4
89-90	0.0	0.0	0.0	3.1	0.2	3.8	0.6	3.2	0.0	0.0	0.0	0.0	10.9
90-91	0.0	0.0	0.0	0.0	0.0	9.9	4.5	1.6	1.9	0.0	0.0	0.0	17.9
91-92	0.0	0.0	0.0	0.0	2.0	0.2	6.6	1.0	2.1	0.6	0.0	0.0	12.5
92-93	0.0	0.0	0.0	0.0	1.2	5.1	3.1	10.2	2.3	0.8	0.0	0.0	22.7
93-94	0.0	0.0	0.0	0.0	0.8	5.6							

M Monthly- fewer than 4 days missing

\* Hoopeston data missing, Urbana data substituted

\*\* Seasonal total calculated from Hoopeston and Urbana data.

## STATION HISTORY

The Hoopeston data originate from a National Weather Service Cooperative site, of which there are about 220 in the state. This station has been recording observations since the late 1800s. The current observer is Mr. John Mushrush, who began observing in Hoopeston in 1952.

The Illinois State Water Survey has prepared climatological summaries similar to this for the following locations:

Aurora	Champaign	Chicago	Decatur
Fairfield	Freeport	Harrisburg	Hoopeston
Lincoln	Moline	Ottawa	Peoria
Rockford	Springfield	White Hall	

Climate data for these and some 200 other locations in Illinois are available from:

Illinois State Water Survey  
ATTN: STATE CLIMATOLOGIST  
2204 Griffith Dr.  
Champaign IL 61820  
217-333-0729

National Climatic Data Center  
Federal Building  
Asheville NC 28801  
704-271-4800

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