

SWS Miscellaneous Publication 98-19  
STATE OF ILLINOIS  
DEPARTMENT OF NATURAL RESOURCES

*Local Climatological Data Summary*  
*Quincy, Illinois*  
*1901-1994*

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# LOCAL CLIMATOLOGICAL DATA

## QUINCY IL - 1901 TO 1994

### Climatological Summary

Quincy 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 mid-30s (°F), whereas summer highs are usually in the mid-80s, with lows about 20°F lower. Spring and fall are composed of a mix of winter- and summer-like days, with rather large day-to-day temperature fluctuations common. The greatest day-to-day changes in temperature occur in late fall, winter and early spring.

Winters are usually punctuated with 2 to 8 cold, dry arctic outbreaks, with daily lows dropping into the -10°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, or freezing precipitation. On average there are 116 days per year with temperatures less than 32°F, 8 days per year less than zero.

Summers are humid with dew points in the 60s and afternoon relative humidities in the 60% range. On average, there are 27 days per year with temperatures greater than 90°F; temperatures greater than 100°F are infrequent.

Average (1961-90) annual precipitation for Quincy is 39.66 inches, including about 23 inches snow, though there is great variability from year-to-year. There are about 120 days with measurable precipitation, about 40 of which are associated with thunder and 5 to 10 with freezing precipitation. On average, precipitation is most frequent and greatest in magnitude during the warmer half of the year. Thunderstorms are common in the afternoon and evening, primarily during spring and summer. Although the record is known to be incomplete, some 22 tornadoes have been recorded in Adams Co. since 1858.

About 60% of the mean annual precipitation falls from April through September. The frost-free growing season averages about 190 days, beginning about 10 April and ending about 19 October. There is a 10% chance that the last spring frost will occur after

3 May, and a 10% chance that the first fall frost will occur before 3 October.

The highest temperature of record is 114°F (15 July 1936); the lowest of record is -29°F (13 Feb 1905). The wettest year of record is 1973 with 66.60 inches; the driest being 1953 with only 20.00 inches. During the 94 complete years of record there were:

4 years with more than 50 inches precipitation  
15 years with more than 45 inches precipitation  
41 years with less than 35 inches precipitation, and  
21 years with less than 30 inches precipitation.

Latitude N39 56  
Longitude W91 12

Climatological Summary  
Means: 1961-1990, Extremes: 1901-1994

Quincy, Il  
Elevation 763

Mon	Temperatures				Ave Degree Days				Precipitation				Snow														
	Means			High Temp	Extremes			Ave Number of Days		Heat	Cool	Grow	Mean	Extremes		Ave Number of Days with		Extremes									
	Ave Max	Ave Min	Ave Mean		Date	High Temp	Low Temp	Date	Max >=90					Min <=32	Max <=32	Min <=0	Monthly Amount	Year	Daily Amount	Date	>=.1	>=.5	>=1.0	Mean Monthly Amount	Year	Greatest Snow Depth	Date
Jan	32.1	15.6	23.9	74	24/1950	-21	10/1982*	0	15	28	4	1,269	0	2	1.36	6.76	1965	3.38	1/1965	3	1	0	6.1	22.2	1987	17	14/1979f
Feb	36.9	20.1	28.5	80	29/1972	-29	13/1905	0	9	23	2	1,030	0	3	1.47	4.58	1990	2.69	26/1936	4	1	0	6.4	21.6	1975	16	24/1975
Mar	49.6	31.6	40.6	88	21/1907	-13	5/1960	0	3	18	0	762	2	45	3.19	11.45	1973	2.27	28/1977	6	2	1	3.3	24.4	1960	21	16/1960f
Apr	63.2	43.0	53.1	92	30/1930*	15	5/1920	0	0	4	0	373	16	171	3.72	7.97	1944	4.22	21/1973	7	3	1	0.6	13.0	1920	14	1/1926f
May	73.1	52.8	63.0	103	30/1934	26	4/1907	1	0	0	0	137	75	409	4.63	13.70	1935	4.18	28/1955	7	3	1	0.0				
Jun	82.4	62.0	72.3	105	19/1936*	39	12/1903	5	0	0	0	13	230	667	3.83	12.46	1947	5.84	14/1950	6	3	1	0.0				
Jul	86.8	66.6	76.7	114	15/1936	47	14/1950	10	0	0	0	2	364	827	4.55	13.54	1958	5.09	20/1949	6	3	1	0.0				
Aug	84.0	63.8	73.9	111	9/1934	42	20/1950*	8	0	0	0	6	282	741	3.67	13.54	1970	5.00	8/1943	5	2	1	0.0				
Sep	77.3	56.1	66.7	105	4/1913	26	28/1942	3	0	0	0	78	129	503	4.69	12.68	1961	4.35	24/1904	6	3	1	0.0				
Oct	65.8	44.7	55.3	96	7/1939	10	30/1925	0	0	3	0	326	23	214	3.36	10.84	1969	4.46	12/1969	5	2	1	0.0	3.6	1925	3	30/1925
Nov	51.0	33.7	42.4	84	7/1915*	-11	30/1964	0	2	15	0	680	3	46	2.85	11.17	1945	3.47	31/1945	5	2	1	1.8	8.9	1974f	8	26/1975f
Dec	36.5	21.4	29.0	72	3/1970	-22	22/1949	0	10	25	2	1,110	0	5	2.34	8.62	1982	4.60	2/1982	4	1	0	4.9	17.0	1973	16	25/1915
Tot/Ave	61.6	42.6	52.1					27	39	116	8	5,794	1,122	3,633	39.66					64	26	9	23.1				

Heating and Cooling degree days based on 65F

Growing degree days based on 50F

\* Records also occurred on the following dates:

- Jan: Low Temp 20/1985
- Apr: High Temp 25/1946
- Jun: High Temp 29/1952, 25/1954, 26/1954
- Aug: Low Temp 28/1986
- Nov: High Temp 8/1915

+ Calendar Day

f Records also occurred on the following dates:

- Jan: Snowdepth 15/1979
- Mar: Snowdepth 17,18,19/1960
- Apr: Snowdepth 2,3/1926
- Nov: Greatest Monthly Amount (Snow) 1975  
Snowdepth 27,28/1975

Probabilities: Precipitation (in) Missing Data: 0.1%  
Station: (117072) QUINCY\_FAA\_AIRPORT Years: 1961 To 1990

	1%	5%	10%	25%	50%	75%	90%	95%	99%
Ja	0.04	0.11	0.21	0.48	1.02	1.89	2.99	3.82	5.81
Fe	0.18	0.36	0.49	0.81	1.29	1.94	2.68	3.20	4.33
Ma	0.55	0.97	1.27	1.92	2.88	4.13	5.50	6.45	8.49
Ap	0.71	1.21	1.56	2.31	3.40	4.78	6.31	7.35	9.59
Ma	1.22	1.86	2.28	3.14	4.33	5.79	7.36	8.41	10.63
Jn	0.60	1.10	1.46	2.25	3.44	4.98	6.71	7.91	10.49
Ju	0.37	0.85	1.26	2.23	3.85	6.12	8.78	10.67	14.86
Au	0.41	0.85	1.19	1.97	3.20	4.86	6.77	8.11	11.03
Se	0.51	1.06	1.49	2.49	4.07	6.22	8.69	10.43	14.24
Oc	0.30	0.67	0.98	1.70	2.87	4.50	6.39	7.73	10.69
No	0.22	0.52	0.78	1.39	2.41	3.83	5.51	6.71	9.35
De	0.16	0.39	0.60	1.10	1.95	3.17	4.61	5.64	7.93
An	19.46	24.19	27.01	32.23	38.77	46.16	53.54	58.31	67.97
Wi	0.89	1.58	2.07	3.13	4.69	6.70	8.94	10.48	13.79
Sp	4.72	6.22	7.15	8.89	11.15	13.77	16.44	18.19	21.78
Su	4.04	5.68	6.73	8.77	11.50	14.73	18.12	20.36	25.04
Fa	3.26	4.77	5.75	7.68	10.31	13.48	16.84	19.08	23.77

Growing Season Summary  
Station: (117072) QUINCY\_FAA\_AIRPORT  
Years: 1961 To 1990 Missing Data: 0.0%

Base Temp	Date of Last Spring Occurrence					Date of First Fall Occurrence						
	Median	Early	90%	10%	Late	Median	Early	10%	90%	Late		
32	4/10	3/23	3/31	5/03	5/10	30	10/19	9/30	10/03	11/10	11/14	30
30	4/09	3/15	3/29	4/23	5/10	30	10/28	10/02	10/09	11/14	11/19	30
28	4/06	3/14	3/23	4/21	5/10	30	11/03	10/02	10/12	11/18	11/28	30
24	3/25	3/06	3/15	4/08	4/17	30	11/12	10/20	10/28	11/24	11/29	30
20	3/15	2/14	2/21	3/31	4/06	30	11/22	10/20	11/08	12/08	12/21	30
16	3/06	1/27	2/11	3/25	3/31	30	12/02	11/03	11/13	12/17	12/21	30

Base Temp	Length of Season (Days)				
	Median	Shortest	10%	90%	Longest
32	190	160	167	211	232
30	201	170	180	224	237
28	210	175	190	229	246
24	231	194	218	253	265
20	254	220	229	277	299
16	272	228	244	302	323

MAXIMUM TEMPERATURE

QUINCY,IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1901	38.4	30.6	49.1	63.1	76.0	86.5	98.8	90.8	80.5	69.8	51.0	33.2	64.0
1902	36.8	32.2	52.3	64.9	79.5	80.9	88.2	82.6	72.9	68.0	56.7	34.7	62.5
1903	34.8	35.1	56.5	66.0	76.5	77.6	87.5	84.7	75.1	65.3	47.0	34.4	61.7
1904	28.6	32.5	50.4	58.0	74.1	79.1	83.8	81.8	77.1	67.2	54.6	38.5	60.5
1905	29.5	27.8	58.1	64.8	76.4	87.2	84.5M	88.8	78.3	64.2	56.2M*	44.1*	63.3M**
1906	39.4	38.5	38.5	70.4	78.3	82.4	85.1	86.3	83.0*	64.6	47.5	40.3	62.9**
1907	38.7	§	57.6	57.1	69.5	80.9	88.6*	84.9	77.2	64.4	51.8*	42.9*	59.5M**
1908	39.4	37.4	57.8	65.2M	74.2	81.4	87.2	85.6	82.3	64.5	56.1M	43.0M*	64.5M**
1909	37.0	45.9*	49.8	64.3	72.2M	83.3	83.8	90.2	75.3	62.2	59.8	28.8	62.7M**
1910	34.0	36.2	66.6	66.5	71.1	83.7	88.6M	84.8	75.0	67.0	46.4	36.3	63.0M
1911	39.7	42.0	54.6M	60.2	82.5	91.3	90.5	85.0	79.4	61.6	44.5	41.7	64.4M
1912	21.7	31.9	38.7	63.8M	79.5	83.5	91.4	86.3	80.5	70.9	54.1	43.7	62.2M
1913	38.4	35.0	46.0	64.0	75.7	88.3	92.2	95.2	81.7	64.5	57.7	45.0	65.3
1914	42.1	33.4	48.3	64.0	78.6	90.9	92.9	90.4	79.3	70.7	57.6	31.9	65.0
1915	32.6	44.1	42.3	71.0	72.4M	79.9	84.5	81.5	80.7	71.9	59.4M	38.4M	63.2M
1916	38.6	35.1	51.5	62.4	73.8	78.5	97.7	90.3M	79.3	67.5	55.6	36.9	63.9M
1917	37.9	34.5M	50.3	58.8	67.7	79.2	89.5	85.8	79.3	59.4	53.0M	30.6	60.5M
1918	22.4	40.3	62.0	58.2	77.4	88.3	89.6	94.4	76.6	72.8	55.2	49.1	65.5
1919	44.1	45.2	57.6M	67.2	73.1	88.3	94.5	88.8	86.1	70.2	51.3	34.4	66.7M
1920	34.5	41.4	55.0	59.5	74.2	86.4	90.0	88.1	83.1	73.5	50.0	43.0	64.9
1921	44.5	50.0	63.5	67.7	79.8	90.2	95.4	89.4	84.1	71.2	51.8	44.5	69.3
1922	37.8	46.0	53.8	67.9	79.9	90.5	89.2	91.5	84.3	73.4	55.9	44.2	67.9
1923	44.1	37.6	50.8	65.4	76.0	86.4	92.1	90.2	80.2	65.1	55.9	49.7	66.1
1924	33.6	41.8	46.7	69.9	71.2	83.9	86.1	89.5	76.9	77.1	56.9	36.9M	64.2M
1925	37.4	46.9	59.8	74.8	74.8	88.5	89.7	88.6	86.2	56.1	52.3	37.9	66.1
1926	40.3	46.3	48.2	59.3	81.2	82.9	90.9	88.5	77.4	65.2	48.3	38.8	63.9
1927	35.5	48.6	57.0	64.4	74.1	80.0	88.4	84.7	85.2	73.1	55.5	39.3	65.5
1928	39.6	44.9	56.7	62.2	79.2	79.2M	90.5	88.6	77.7	71.6	51.9	43.9	65.5M
1929	32.5	34.8	59.2	66.9	73.1	84.0	90.0	88.3M	79.5	69.0	46.8	40.4	63.7M
1930	28.1	50.8	53.4	72.0	77.5	85.5	94.9	92.8	85.9	66.0	56.1	40.1	66.9
1931	43.7	48.4	46.8	65.3	71.6	88.2	93.7	88.4	86.9	71.0	60.0	47.3	67.6
1932	42.4	49.9	44.3	68.2	79.7	86.4	90.9	86.2	79.6	67.7	48.1	38.3	65.1
1933	49.9	40.8	52.8	64.4	75.0	92.4	91.1	86.8	88.3	66.8	56.1	45.9	67.5
1934	43.9	40.5	50.0	67.9	84.5	95.4	101.6	93.6	77.1	72.1	56.7	36.7	68.3
1935	38.0	41.9	58.1	60.5	68.5	80.0	91.8	88.8	80.9	67.8	48.0	35.4	63.3
1936	28.7	28.5	58.7	63.3	82.6	90.8	101.5	98.9	84.5	67.3	52.1	44.7	66.8
1937	34.1	38.3	48.9	64.0	77.0	84.6	90.7	91.8	83.4	67.4	49.3	35.6	63.8
1938	39.6	46.5	64.3	65.9	74.5	82.9	91.0	91.4	82.6	76.9	56.6	40.5	67.7
1939	45.5	41.3	56.6	62.6	79.0	84.6	90.6	85.9	86.8	72.5	52.4	47.2M	67.1M
1940	21.4	37.6	48.2	64.6	74.8	86.3	92.3	86.0	82.7	74.3	50.4	43.7	63.5
1941	38.0	38.5	50.0	69.1	81.8	86.0	90.4	91.1	82.7	68.8	54.0	46.3	66.4
1942	38.4	36.8	55.6	70.7	74.4	83.5	89.5	85.3	78.0	68.4	56.1	37.0	64.5
1943	36.9	48.5	50.3	67.3	71.2	85.4	89.5	89.5	77.5	67.5	50.0	37.3	64.2
1944	41.6	44.0	48.2	60.3	79.8	88.7	89.6	86.7	78.9	68.8	52.3	33.3	64.4
1945	31.9	41.4	64.4	66.2	70.1	77.9	88.3	89.9	78.4	67.4	53.0	32.5	63.5

\* Quincy data missing, Griggsville data substituted.

\*\* Annual average calculated from Quincy and Griggsville data.

§ Average monthly maximum temperature not available for either Quincy or Griggsville.

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

MAXIMUM TEMPERATURE

QUINCY, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1946	40.3	47.6	67.2	69.1	72.0	86.3	90.2	81.5	80.7	71.4	53.6	46.6	67.2
1947	40.5	34.8	44.6	63.3	72.5	81.3	87.7	98.7	85.0	73.4	45.1	42.9	64.2
1948	31.9	39.6	50.7	70.1	76.1	81.6	85.0	86.7	80.7	66.3	53.0	42.8M	63.7M
1949	34.3	38.6	49.7	65.0	76.5	85.1	87.9	86.3	72.2	69.1	55.8	43.8	63.7
1950	41.0	39.2	45.7	56.8	75.3	81.3	82.4	79.5	76.6	75.6	45.1	32.0	60.9
1951	35.8	39.7	43.8	58.1	76.5	78.2	83.9	83.7	72.6	65.7	44.5	36.5	59.9
1952	38.5	43.2	46.2	63.8	72.2	87.8	88.6	84.8	80.8	64.4	53.4	40.7	63.7
1953	37.9	45.9	50.5	57.9	73.6	89.4	90.8	88.7	83.3	72.7	55.6	42.8	65.8
1954	36.0	49.5	46.7	68.7	68.4	87.2	93.7	84.3	83.4	65.4	53.2	39.5	64.7
1955	35.7	38.6	50.5	70.2	75.3	79.1	92.2	90.9	81.6	66.5	46.1	37.6	63.7
1956	33.9	39.4	53.0	61.8	76.4	85.7	85.4	86.5	81.9	75.7	51.1	40.3	64.3
1957	29.1	43.9	48.5	60.7	72.6	81.6	89.7	86.3	76.5	63.2	48.4	44.9	62.1
1958	33.2	29.8	43.4	62.8	75.6	78.2	82.0	85.5	76.7	68.9	55.3	36.1	60.6
1959	29.5	37.8	50.9	62.8	77.1	85.9	86.7	88.2	78.5	62.0	43.9	42.2	62.1
1960	35.7	31.2	34.1	65.0	69.9	79.2	83.8	85.6	82.0	68.1	54.7	35.6	60.4
1961	33.5	42.4	50.5	56.1	69.0	81.1	84.6	84.5	76.9	66.2	50.6	34.9	60.9
1962	28.1	37.6	44.7	62.8	81.9	82.7	84.7	86.6	75.5	67.6	52.0	35.7	61.7
1963	24.3	33.6	55.2	67.7	73.2	87.8	87.5	84.0	80.0	79.2	54.6	27.3	62.9
1964	41.9	38.9	45.7	64.3	78.3	83.1	87.4	84.2	78.3	65.9	55.8	35.6	63.3
1965	36.6	38.4	36.7	63.4	78.1	81.0	84.0	81.4	74.6	65.2	53.7	47.3	61.7
1966	29.5	37.8	54.6	58.2	69.1	81.6	90.4	80.6	73.4	65.5	53.4	37.0	60.9
1967	38.4	35.6	51.5	63.1	66.8	80.3	81.5	80.1	75.0	65.1	48.2	38.9	60.4
1968	33.5	35.2	54.6	65.0	69.3	84.0	84.5	82.8	76.4	66.3	47.4	35.9	61.2
1969	30.1	37.0	42.8	64.3	72.8	78.1	86.1	83.5	77.1	63.0	50.2	33.3	59.9
1970	25.7	39.9	44.9	64.2	76.1	80.0	85.7	82.2	77.3	63.7	49.2	40.7	60.8
1971	29.7	35.2	46.5	66.0	70.2	87.9	81.6	82.8	79.7	70.4	51.0	41.8	61.9
1972	30.2	35.7	49.3	63.6	75.5	82.9	85.6	83.7	78.6	61.7	43.3	31.9	60.2
1973	35.2	38.3	54.9	59.5	70.0	82.7	85.1	84.5	76.0	69.3	52.7	33.9	61.8
1974	30.5	40.0	53.2	65.5	69.5	77.2	89.5	81.3	71.6	66.4	48.4	36.2	60.8
1975	37.0	32.5	42.9	60.0	75.9	82.2	86.9	86.7	73.9	69.5	55.1	39.2	61.8
1976	31.9	49.8	55.9	66.4	70.5	83.8	90.2	83.0	77.6	59.5	44.6	34.9	62.3
1977	19.9	38.5	55.4	69.3	78.5	82.8	92.7	81.7	76.6	63.0	49.8	33.3	61.8
1978	23.9	25.1	41.6	62.5	70.1	83.5	85.8	84.4	83.7	65.6	52.2	37.2	59.6
1979	19.5	26.1	49.4	58.9	74.5	84.3	85.3	84.7	80.2	67.9	50.1	43.4	60.4
1980	33.5	30.4	45.6	61.8	74.8	83.6	94.5	89.9	81.3	62.1	51.1	38.1	62.2
1981	34.3	41.5	53.1	68.5	66.8	81.8	83.8	80.7	76.0	63.0	53.4	33.9	61.4
1982	24.2	32.8	46.8	56.8	75.5	74.7	82.6	80.3	74.9	66.6	50.1	43.8	59.1
1983	33.8	41.2	44.0	53.7	68.0	82.7	92.7	93.5	79.9	64.5	53.1	22.7	60.8
1984	31.0	45.7	39.8	58.6	71.7	85.9	86.0	88.3	74.9	67.5	51.8	44.4	62.1
1985	26.2	33.3	55.3	68.9	75.8	78.6	85.6	79.5	76.3	65.2	46.7	30.1	60.1
1986	39.6	32.6	55.7	68.9	74.0	84.1	86.6	80.2	80.2	65.2	44.8	38.0	62.5
1987	33.8	45.8	55.5	67.4	80.6	85.1	88.5	85.3	77.6	62.0	53.1	40.1	64.6
1988	33.9	34.0	51.9	65.0	78.6	86.7	91.4	90.6	81.7	61.8	53.3	42.0	64.2
1989	45.0	27.7	52.0	64.7	72.0	81.1	88.0	85.0	74.1	68.4	53.1	28.0	61.6
1990	46.9	45.4	54.6	61.4	67.4	82.0	85.2	83.7	79.6	66.6	57.8	36.8	64.0
1991	29.4	44.0	55.3	66.1	76.6	85.0	85.7	84.5	76.7	65.6	45.3	41.5	63.0
1992	40.2	44.5	54.1	62.3	72.1	80.5	81.7	78.9	75.5	65.2	44.4	37.1	61.4
1993	33.8	33.0	44.1	59.2	72.1	80.2	83.3	84.3	69.4	61.6	46.5	39.3M	58.9M
1994	26.9	37.6	52.2	63.3	72.3	83.1	83.3	83.4	76.4	66.5	54.5	42.7	61.9

\* Quincy data missing, Griggsville data substituted.

\*\* Annual average calculated from Quincy and Griggsville data.

\$ Average monthly maximum temperature not available for either Quincy or Griggsville.

M Monthly- less than 4 day missing. Annually- one or more months incomplete.

MINIMUM TEMPERATURE

QUINCY, IL.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1901	21.2	14.5	30.7	39.9	50.9	63.2	70.9	63.5	55.4	45.2	27.1	16.5	41.6
1902	17.5	9.8	33.4	38.2	57.6	59.5	65.9	60.9	49.9	45.6	38.2	19.4	41.3
1903	17.2	16.4	33.8	41.9	54.5	56.0	64.1	62.1	53.4	43.7	26.2	12.7	40.2
1904	7.8	12.2	28.7	34.9	51.2	59.4	62.4	59.2	56.8	43.0	31.2	17.6	38.7
1905	8.5	6.1	34.0	39.1	52.1	61.7	62.5M	64.5	57.1	42.2	32.2*	24.8*	40.4M**
1906	21.0	17.4	20.6	43.3	52.3	58.8	61.5	65.5	60.3*	42.4	29.8	22.5	41.3**
1907	20.0	§	37.0	33.0	44.6	56.0	69.4*	63.3	54.9	42.5	31.4*	28.0*	40.0M**
1908	20.6	20.9	33.6	41.9M	54.0	60.3	65.7	61.7	57.7	43.2	34.0M	24.7*	43.2M**
1909	20.0	25.4*	29.8	39.7	49.7M	62.3	64.0M	65.7	54.4	40.8	40.3	12.8	42.1M**
1910	19.7	17.9	40.0	42.6	48.6	59.6	65.6	62.3	56.2	46.3	27.6	18.8	42.1
1911	20.5	25.5	31.2M	39.9	55.7	68.0	65.5	61.8	60.2	44.6	26.5	28.5	44.0M
1912	5.1	14.9	21.0	44.0	58.3	61.2M	68.6	66.4	59.1	44.2	32.6	24.5	41.7M
1913	20.2	15.8	26.4	43.8	54.6	65.0	71.3	69.8	58.6	43.8	40.1	31.7	45.1
1914	26.0	11.8	29.7	43.4	55.9	68.3	70.5M	67.4	58.7	50.2	33.8	16.6	44.4M
1915	15.1	31.1	28.0	49.7	51.1	60.5	65.7	61.1	59.7	46.1	35.8	22.7	43.9
1916	18.9	17.9	29.6	42.7	54.9	59.8M	72.1	68.3	54.9	44.0	34.9	17.0	42.9M
1917	17.6	12.3	29.9	40.5	48.7	61.7	67.6	63.4	56.4	36.1	33.8	12.5	40.0
1918	2.8	17.3	33.7	38.7	57.1	64.2	66.2	70.0	52.7	50.1	37.4	32.6	43.6
1919	23.1	25.2	35.4	44.7	54.8	67.8	70.5	65.5	61.3	48.5	32.9	18.1	45.7
1920	17.0	24.9	34.8	39.7	53.9	64.9	66.5	64.8	61.4	53.5	33.1	27.1	45.1
1921	27.9	30.7	40.7	47.0	57.5	68.9	71.8	67.7	63.6	47.7	34.9	26.6	48.8
1922	17.9	24.5	36.4	45.5	58.5	66.0	66.6	67.2	61.1	48.8	39.0	23.7	46.3
1923	29.2	19.9	28.0	42.8	53.4	65.9	69.2	66.3	60.1	43.0	35.8	33.1	45.6
1924	13.9	24.4	30.6	46.1	49.1	63.7	63.8	68.2	53.7	50.2	36.2	16.3	43.0
1925	17.4	26.8	34.1	50.1	50.5	66.4	67.8	65.7	64.7	39.4	31.4	21.0	44.6
1926	23.4	29.3	29.1	38.7	57.4	60.0	68.8	68.3	60.7	48.0	31.3	23.4	44.9
1927	19.2	30.7	37.5	46.9	54.3	61.5	66.4	62.5	62.8	49.7	37.7	20.0	45.8
1928	23.3	27.8	34.3	40.4	55.0	59.9	69.6	68.0	54.6	51.2	37.8	28.0	45.8
1929	11.8	15.5	38.5	47.9	53.5	62.7	69.6	66.4M	58.1	47.6	30.8	24.7	43.9M
1930	10.0	33.5	32.3	47.4	56.5	64.2	71.4	67.9	61.8	47.5	35.2	27.5	46.3
1931	26.7	30.2	30.9	44.3	52.0	69.1	71.8	65.7	66.2	53.7	44.3	34.6	49.1
1932	29.0	29.7	27.2	45.8	56.4	66.6	70.5	67.3	56.7	45.2	28.7	21.6	45.4
1933	31.9	20.0	33.2	43.8	57.3	69.8	70.3	65.5	64.6	44.7	33.1	27.8	46.8
1934	26.7	19.9	29.1	44.9	59.2	70.7	75.2	68.8	56.5	50.6	40.2	23.4	47.1
1935	22.1	29.0	39.1	43.0	51.7	62.2	72.5	69.1	59.4	46.7	34.2	20.7	45.8
1936	11.9	8.1	35.2	40.7	60.3	63.4	74.4	73.3	63.9	48.6	31.6	27.9	44.9
1937	16.5	21.9	30.1	43.9	56.8	64.5	68.6	71.5	56.9	45.3	30.9	23.9	44.2
1938	22.1	31.1	40.9	44.0	53.9	61.6	68.1	68.4	57.3	47.5	34.2	23.9	46.1
1939	26.8	19.1	32.7	40.0	55.1	64.2	66.5	60.7	58.0	44.1	31.2	26.3	43.7
1940	3.4	24.4	30.5	41.3	49.7	62.8	64.9	64.7	52.3	47.4	30.2	28.5	41.7
1941	23.9	21.0	28.0	47.5	56.1	62.6	65.2	66.0	59.8	50.2	34.7	30.5	45.5
1942	18.9	23.5	34.6	45.6	52.2	63.0	66.8	62.4	55.7	43.7	35.8	20.4	43.6
1943	17.7	23.7	26.8	41.5	50.9	66.1	67.3	68.7	54.3	45.4	30.3	20.7	42.8
1944	24.6	24.7	29.8	40.8	58.7	67.0	66.2	65.9	59.3	47.0	39.8	19.6	45.3
1945	18.7	25.4	41.3	45.0	49.1	59.9	63.5	65.5	58.4	44.1	34.5	17.1	43.5

\* Quincy data missing, Griggsville data substituted

\*\* Annual average calculated from Quincy and Griggsville data.

§ Average monthly minimum temperature not available for either Quincy or Griggsville.

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

MINIMUM TEMPERATURE

QUINCY, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1946	22.7	26.5	43.9	46.5	51.5	63.1	67.6	63.2	57.0	50.3	36.2	28.5	46.4
1947	23.8	17.6	27.3	43.0	50.3	61.3	64.6	73.4	60.4	54.7	32.3	27.1	44.7
1948	15.4	21.7	31.5	48.7	51.7	59.9	65.6	63.7	57.9	41.5	34.2	23.2M	42.9M
1949	18.6	19.5	29.9	41.8	54.5	63.8	67.4	61.6	47.7	45.7	31.9	23.4	42.2
1950	18.7	20.6	25.2	34.3	52.4	58.4	60.3	57.2	53.9	47.6	23.5	13.5	38.8
1951	16.7	23.1	24.5	37.8	51.6	58.7	63.8	62.1	51.2	45.2	25.8	15.5	39.7
1952	19.2	25.8	26.9	40.8	50.7	65.7	65.2	61.0	51.9	35.0	32.0	25.0	41.6
1953	21.8	24.5	30.6	37.2	51.2	64.8	65.0	62.4	53.2	45.7	31.8	22.9	42.6
1954	17.1	28.1	26.5	44.1	45.9	64.9	68.2	65.7	57.1	45.4	32.9	24.1	43.3
1955	18.2	21.0	28.7	47.6	53.2	58.2	69.6	65.4	56.7	42.9	25.7	18.7	42.2
1956	15.2	21.9	28.6	36.5	53.7	63.6	65.7	65.3	54.3	50.2	30.5	25.1	42.6
1957	11.9	27.9	29.7	44.0	53.0	62.4	68.6	65.9	53.2	41.8	30.9	26.8	43.0
1958	19.3	11.5	29.6	42.3	52.5	59.2	64.3	64.5	55.8	45.2	34.5	17.6	41.4
1959	10.1	20.7	30.6	41.7	56.4	64.0	64.7	69.0	58.1	43.4	25.3	29.5	42.8
1960	21.1	18.7	15.5	44.4	50.2	60.5	64.2	66.1	58.3	45.6	33.2	18.6	41.4
1961	15.5	24.1	33.5	37.3	48.0	59.7	65.7	64.0	56.6	46.7	33.8	18.5	42.0
1962	11.1	22.4	27.4	40.0	60.5	62.9	64.7	64.0	54.0	48.5	33.6	18.5	42.3
1963	7.5	13.1	34.3	45.0	52.4	64.1	66.8	63.1	56.7	54.5	35.4	9.9	41.9
1964	21.2	21.2	27.8	43.6	56.8	62.1	66.9	61.7	56.7	40.0	35.3	20.5	42.8
1965	17.2	19.6	20.5	43.9	57.1	60.0	64.1	61.5	57.0	43.4	33.5	30.3	42.3
1966	12.0	19.6	33.2	39.6	47.6	60.5	68.3	59.9	51.7	40.9	33.7	22.8	40.8
1967	20.0	17.2	33.6	44.1	47.9	62.5	61.3	58.9	51.6	45.6	32.8	26.2	41.8
1968	16.8	17.5	33.3	43.2	49.9	64.2	65.1	65.1	55.6	44.3	34.2	20.6	42.5
1969	16.5	25.6	24.8	45.2	53.3	59.5	70.1	64.2	56.6	44.1	31.4	21.6	42.7
1970	9.9	20.1	29.7	44.6	55.9	62.0	65.6	66.0	59.0	46.9	33.1	25.9	43.2
1971	12.7	20.2	28.4	41.6	49.0	66.1	61.4	60.9	58.6	49.9	33.4	28.5	42.6
1972	13.3	17.6	29.2	42.3	53.0	58.6	66.1	64.9	59.0	43.5	31.7	19.5	41.6
1973	20.9	23.2	40.4	43.0	50.6	64.0	67.2	65.8	59.7	50.5	35.3	19.7	45.0
1974	17.4	23.4	34.2	44.2	53.5	57.9	66.7	62.5	49.3	44.1	34.5	24.7	42.7
1975	21.3	20.8	26.5	40.8	56.3	64.1	64.8	67.6	53.0	45.7	37.7	26.6	43.8
1976	14.4	28.8	34.3	45.1	49.7	60.3	67.3	61.5	52.9	39.5	24.2	13.3	40.9
1977	2.4	21.4	37.6	47.9	58.6	61.9	69.0	64.1	60.2	44.6	34.4	18.4	43.4
1978	7.3	7.6	25.0	44.2	52.8	63.2	68.0	64.3	60.2	43.5	37.2	23.2	41.4
1979	3.9	9.4	32.3	42.1	53.5	63.5	66.0	64.8	54.9	45.0	33.1	26.5	41.3
1980	21.6	17.3	30.4	44.1	56.4	62.3	72.4	69.5	59.5	39.7	32.4	23.2	44.1
1981	17.4	21.4	33.0	47.6	48.3	63.1	67.6	62.9	54.5	42.7	36.0	19.4	42.8
1982	7.5	17.1	30.3	38.1	57.2	58.1	66.9	62.8	56.8	44.9	34.1	30.9	42.1
1983	23.0	26.5	32.4	38.6	48.6	61.9	69.9	70.0	57.0	47.4	38.7	9.4	43.6
1984	13.9	28.8	29.1	44.0	51.0	66.1	64.3	64.7	54.4	48.3	32.9	26.6	43.7
1985	8.1	17.1	35.6	47.7	54.7	59.4	65.4	61.9	56.9	47.3	31.3	11.3	41.4
1986	19.2	16.9	34.6	45.1	55.3	64.7	68.6	57.9	59.7	46.5	29.1	26.3	43.7
1987	19.1	28.5	35.6	43.2	57.2	64.9	68.7	64.3	54.3	37.8	37.5	28.1	44.9
1988	16.1	16.0	30.4	40.0	51.6	60.6	65.3	67.5	56.6	38.1	32.5	20.9	41.3
1989	28.1	12.1	31.6	42.5	49.4	59.8	66.7	63.3	52.7	45.3	30.6	8.7	40.9
1990	28.2	27.9	36.2	41.2	49.4	63.0	65.8	64.6	58.2	41.3	36.7	20.8	44.4
1991	14.8	27.0	35.7N	47.0	60.1	66.0	66.3	63.9	55.9	45.1	27.9	26.1	44.7N
1992	25.4	29.4	34.5	41.7	49.8	58.5	65.1	58.3	54.1	44.2	34.0	23.1	43.2
1993	19.8	18.4	29.3	41.6	53.7	62.0	68.2	66.6	52.8	42.4	31.9	25.6	42.7
1994	13.8	19.6	32.2	42.7	50.3	64.6	64.3	61.6	55.4	47.3	36.4	29.9	43.2

\* Quincy data missing, Griggsville data substituted

\*\* Annual average calculated from Quincy and Griggsville data.

\$ Average monthly minimum temperature not available for either Quincy or Griggsville.

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



YEAR	AVERAGE					TEMPERATURE						QUINCY, IL	ANNUAL AVERAGE
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1901	29.8	22.6	39.9	51.5	63.5	74.9	84.9	77.2	68.0	57.5	39.1	24.9	52.8
1902	27.2	21.0	42.9	51.6	68.6	70.2	77.1	71.8	61.4	56.8	47.5	27.1	51.9
1903	26.0	25.8	45.2	54.0	65.5	66.8	75.8	73.4	64.3	54.5	36.6	23.6	51.0
1904	18.2	22.4	39.6	46.5	62.7	69.3	73.1	70.5	67.0	55.1	42.9	28.1	49.6
1905	19.0	17.0	46.1	52.0	64.3	74.5	73.5M	76.7	67.7	53.2	44.2M*	34.5*	51.9M**
1906	30.2	28.0	29.6	56.9	65.3	70.6	73.3	75.9	71.7*	53.5	38.7	31.4	52.1**
1907	29.4	31.5*	47.3	45.1	57.1	68.5	79.0*	74.1	66.1	53.5	41.6*	35.5*	52.4**
1908	30.0	29.2	45.7	53.6M	64.1	70.9	76.5	73.7	70.0	53.9	45.1M	33.9M*	53.9M**
1909	28.5	35.7*	39.8	52.0	61.0M	72.8	73.9M	78.0	64.9	51.5	50.1	20.8	52.4M**
1910	26.9	27.1	53.3	54.6	59.9	71.7	77.1M	73.6	65.6	56.7	37.0	27.6	52.6M
1911	30.1	33.8	42.9M	50.1	69.1	79.7	78.0	73.4	69.0	53.1	35.5	35.1	54.2M
1912	13.4	23.4	29.9	53.9M	68.9	72.4M	80.0	76.4	69.8	57.6	43.4	34.1	51.9M
1913	29.3	25.4	36.2	53.9	65.2	76.7	81.8	82.5	70.2	54.2	48.9	38.4	55.2
1914	34.1	22.6	39.0	53.7	67.3	79.6	81.7M	78.9	69.0	60.5	45.7	24.3	54.7M
1915	23.9	37.6	35.2	60.4	61.8M	70.2	75.1	71.3	70.2	59.0	47.6M	30.1M	53.5M
1916	28.8	26.5	40.6	52.6	64.4	69.2M	84.9	79.3M	67.1	55.8	45.3	27.0	53.5M
1917	27.8	23.4M	40.1	49.7	58.2	70.5	78.6	74.6	67.9	47.8	43.4M	21.6	50.3M
1918	12.6	28.8	47.9	48.5	67.3	76.3	77.9	82.2	64.7	61.5	46.3	40.9	54.6
1919	33.6	35.3	46.5M	56.0	64.0	78.1	82.5	77.2	73.7	59.4	42.1	26.3	56.2M
1920	25.8	33.2	44.9	49.6	64.1	75.7	78.3	76.5	72.3	63.5	41.6	35.1	55.1
1921	36.2	40.4	52.1	57.4	68.7	79.6	83.6	78.6	73.9	59.5	43.4	35.6	59.1
1922	27.9	35.3	45.1	56.7	69.2	78.3	77.9	79.4	72.7	61.1	47.5	34.0	57.1
1923	36.7	28.8	39.4	54.1	64.7	76.2	80.7	78.3	70.2	54.1	45.9	41.4	55.9
1924	23.8	33.1	38.7	58.0	60.2	73.8	75.0	78.9	65.3	63.7	46.6	26.6M	53.6M
1925	27.4	36.9	47.0	62.5	62.7	77.5	78.8	77.2	75.5	47.8	41.9	29.5	55.4
1926	31.9	37.8	38.7	49.0	69.3	71.5	79.9	78.4	69.1	56.6	39.8	31.1	54.4
1927	27.4	39.7	47.3	55.7	64.2	70.8	77.4	73.6	74.0	61.4	46.6	29.7	55.7
1928	31.5	36.4	45.5	51.3	67.1	69.6M	80.1	78.3	66.2	61.4	44.9	36.0	55.7M
1929	22.2	25.2	48.9	57.4	63.3	73.4	79.8	77.4M	68.8	58.3	38.8	32.6	53.8M
1930	19.1	42.2	42.9	59.7	67.0	74.9	83.2	80.4	73.9	56.8	45.7	33.8	56.6
1931	35.2	39.3	38.9	54.8	61.8	78.7	82.8	77.1	76.7	62.4	52.2	41.0	58.4
1932	35.7	39.8	35.8	57.0	68.1	76.5	80.7	76.8	68.2	56.5	38.4	30.0	55.3
1933	40.9	30.4	43.0	54.1	66.2	81.1	80.7	76.2	76.5	55.8	44.6	36.9	57.2
1934	35.3	30.2	39.6	56.4	71.9	83.1	88.4	81.2	66.8	61.4	48.5	30.1	57.7
1935	30.1	35.5	48.6	51.8	60.1	71.1	82.2	79.0	70.2	57.3	41.1	28.1	54.6
1936	20.3	18.3	47.0	52.0	71.5	77.1	88.0	86.1	74.2	58.0	41.9	36.3	55.9
1937	25.3	30.1	39.5	54.0	66.9	74.6	79.7	81.7	70.2	56.4	40.1	29.8	54.0
1938	30.9	38.8	52.6	55.0	64.2	72.3	79.6	79.9	70.0	62.2	45.4	32.2M	56.9M
1939	36.2	30.2	44.7	51.3	67.1	74.4	78.6	73.3	72.4	58.3	41.8	36.8	55.4
1940	12.4	31.0	39.4	53.0	62.3	74.6	78.6	75.4	67.5	60.9	40.3	36.1	52.6
1941	31.0	29.8	39.0	58.3	69.0	74.3	77.8	78.6	71.3	59.5	44.4	38.4	56.0
1942	28.7	30.2	45.1	58.2	63.3	73.3	78.2	73.9	66.9	56.1	46.0	28.7	54.1
1943	27.3	36.1	38.6	54.4	61.1	75.8	78.4	79.1	65.9	56.5	40.2	29.0	53.5
1944	33.1	34.4	39.0	50.6	69.3	77.9	77.9	76.3	69.1	57.9	46.1	26.5	54.8
1945	25.3	33.4	52.9	55.6	59.6	68.9	75.9	77.7	68.4	55.8	43.8	24.8	53.5

\* Quincy data missing, Griggsville data substituted

\*\* Annual average calculated from Quincy and Griggsville data

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

AVERAGE TEMPERATURE

QUINCY, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1946	31.5	37.1	55.6	57.8	61.8	74.7	78.9	72.4	68.9	60.9	44.9	37.6	56.8
1947	32.2	26.2	36.0	53.2	61.4	71.3	76.2	86.1	72.7	64.1	38.7	35.0	54.4
1948	23.7	30.7	41.1	59.4	63.9	70.8	75.3	75.2	69.3	53.9	43.6	33.0M	53.3M
1949	26.5	29.1	39.8	53.4	65.5	74.5	77.7	74.0	60.0	57.4	43.9	33.6	53.0
1950	29.9	29.9	35.5	45.6	63.9	69.9	71.4	68.4	65.3	61.6	34.3	22.8	49.9
1951	26.3	31.4	34.2	48.0	64.1	68.5	73.9	72.9	61.9	55.5	35.2	26.0	49.8
1952	28.9	34.5	36.6	52.3	61.5	76.8	76.9	72.9	66.4	49.7	42.7	32.9	52.7
1953	29.9	35.2	40.6	47.6	62.4	77.1	77.9	75.6	68.3	59.2	43.7	32.9	54.2
1954	26.6	38.8	36.6	56.4	57.2	76.1	81.0	75.0	70.3	55.4	43.1	31.8	54.0
1955	27.0	29.8	39.6	58.9	64.3	68.7	80.9	78.2	69.2	54.7	35.9	28.2	53.0
1956	24.6	30.7	40.8	49.2	65.1	74.7	75.6	75.9	68.1	63.0	40.8	32.7	53.4
1957	20.5	35.9	39.1	52.4	62.8	72.0	79.2	76.1	64.9	52.5	39.7	35.9	52.6
1958	26.3	20.7	36.5	52.6	64.1	68.7	73.2	75.0	66.3	57.1	44.9	26.9	51.0
1959	19.8	29.3	40.8	52.3	66.8	75.0	75.7	78.6	68.3	52.7	34.6	35.9	52.5
1960	28.4	25.0	24.8	54.7	60.1	69.9	74.0	75.9	70.2	56.9	44.0	27.1	50.9
1961	24.5	33.3	42.0	46.7	58.5	70.4	75.2	74.3	66.8	56.5	42.2	26.7	51.4
1962	19.6	30.0	36.1	51.4	71.2	72.8	74.7	75.3	64.8	58.1	42.8	27.1	52.0
1963	15.9	23.4	44.8	56.4	62.8	76.0	77.2	73.6	68.4	66.9	45.0	18.6	52.4
1964	31.6	30.1	36.8	54.0	67.6	72.6	77.2	73.0	67.5	53.0	45.6	28.1	53.1
1965	26.9	29.0	28.6	53.7	67.6	70.5	74.1	71.5	65.8	54.3	43.6	38.8	52.0
1966	20.8	28.7	43.9	48.9	58.4	71.1	79.4	70.3	62.6	53.2	43.6	29.9	50.9
1967	29.2	26.4	42.6	53.6	57.4	71.4	71.4	69.5	63.3	55.4	40.5	32.6	51.1
1968	25.2	26.4	44.0	54.1	59.6	74.1	74.8	74.0	66.0	55.3	40.8	28.3	51.9
1969	23.3	31.3	33.8	54.8	63.1	68.8	78.1	73.9	66.9	53.6	40.8	27.5	51.3
1970	17.8	30.0	37.3	54.4	66.0	71.0	75.7	74.1	68.2	55.3	41.2	33.3	52.0
1971	21.2	27.7	37.5	53.8	59.6	77.0	71.5	71.9	69.2	60.2	42.2	35.2	52.3
1972	21.8	26.7	39.3	53.0	64.3	70.8	75.9	74.3	68.8	52.6	37.5	25.7	50.9
1973	28.1	30.8	47.7	51.3	60.3	73.4	76.2	75.2	67.9	59.9	44.0	26.8	53.5
1974	24.0	31.7	43.7	54.9	61.5	67.6	78.1	71.9	60.5	55.3	41.5	30.5	51.8
1975	29.2	26.7	34.7	50.4	66.1	73.2	75.9	77.2	63.5	57.6	46.4	32.9	52.8
1976	23.2	39.3	45.1	55.8	60.1	72.1	78.8	72.3	65.3	49.5	34.4	24.1	51.7
1977	11.2	30.0	46.5	58.6	68.6	72.4	80.9	72.9	68.4	53.8	42.1	25.9	52.6
1978	15.6	16.4	33.3	53.4	61.5	73.4	76.9	74.4	72.0	54.6	44.7	30.2	50.5
1979	11.7	17.8	40.9	50.5	64.0	73.9	75.7	74.8	67.6	56.5	41.6	35.0	50.8
1980	27.6	23.9	38.0	53.0	65.6	73.0	83.5	79.7	70.4	50.9	41.8	30.7	53.2
1981	25.9	31.5	43.1	58.1	57.6	72.5	75.7	71.8	65.3	52.9	44.7	26.7	52.2
1982	15.9	25.0	38.6	47.5	66.4	66.4	74.8	71.6	65.9	55.8	42.1	37.4	50.6
1983	28.4	33.9	38.2	46.2	58.3	72.3	81.3	81.8	68.5	56.0	45.9	16.1	52.2
1984	22.5	37.3	34.5	51.3	61.4	76.0	75.2	76.5	64.7	57.9	42.4	35.5	52.9
1985	17.2	25.2	45.5	58.3	65.3	69.0	75.5	70.7	66.6	56.3	39.0	20.7	50.8
1986	29.4	24.8	45.2	57.0	64.7	74.4	77.6	69.1	70.0	55.9	37.0	32.2	53.1
1987	26.5	37.2	45.6	55.3	68.9	75.0	78.6	74.8	66.0	49.9	45.3	34.1	54.8
1988	25.0	25.0	41.2	52.5	65.1	73.7	78.4	79.1	69.2	50.0	42.9	31.5	52.8
1989	36.6	19.9	41.8	53.6	60.7	70.5	77.4	74.2	63.4	56.9	41.9	18.4	51.3
1990	37.6	36.7	45.4	51.3	58.4	72.5	75.5	74.2	68.9	54.0	47.3	28.8	54.2
1991	22.1	35.5	45.5M	56.6	68.4	75.5	76.0	74.2	66.3	55.4	36.6	33.8	53.8M
1992	32.8	37.0	44.3	52.0	61.0	69.5	73.4	68.6	64.8	54.7	39.2	30.1	52.3
1993	26.8	25.7	36.7	50.4	62.9	71.1	75.8	75.5	61.1	52.0	39.2	32.5M	50.8M
1994	20.4	28.6	42.2	53.0	61.3	73.9	73.8	72.5	65.9	56.9	42.2	36.3	52.3

\* Quincy data missing, Griggsville data substituted

\*\* Annual average calculated from Quincy and Griggsville data

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

## COOLING DEGREE DAYS

QUINCY, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1901	0	0	0	19	77	313	624	387	178	21	0	0	1,619
1902	0	0	0	12	156	195	382	223	30	9	2	0	1,009
1903	0	0	4	11	115	104	342	274	87	23	0	0	960
1904	0	0	0	5	48	136	260	183	122	20	0	0	774
1905	0	0	0	4	72	291	264M	369	119	8	0M	0	1,127M
1906	0	0	0	13	131	185	266	348	201*	4	0	0	1,148^
1907	0	0	31	0	36	137	434*	290	129	6	0	0	1,063^
1908	0	0	0	0M	123	200	359	279	216	23	0M	0M	1,200M
1909	0	0	0	10	34M	244	276M	409	105	11	2	0	1,091M
1910	0	0	33	22	34	243	375M	282	84	27	0	0	1,100M
1911	0	0	0M	3	212	449	412	275	172	12	0	0	1,535M
1912	0	0	0	0M	189	222M	473	359	247	19	1	0	1,510M
1913	0	0	0	20	111	391	528	550	254	50	7	0	1,911
1914	0	0	0	56	169	447	518M	444	172	70	0	0	1,876M
1915	0	0	0	78	47M	186	323	227	200	11	0M	0M	1,072M
1916	0	0	0	9	107	167M	624	443M	165	36	9	0	1,560M
1917	0	0M	0	6	54	201	425	305	142	6	0M	0	1,139M
1918	0	0	0	0	165	347	405	540	76	44	1	0	1,578
1919	0	0	0M	17	84	399	550	385	273	63	0	0	1,771M
1920	0	0	1	3	84	326	421	363	249	75	0	0	1,522
1921	0	0	12	24	212	447	585	428	279	22	0	0	2,009
1922	0	0	0	0	150	404	409	455	263	81	263	0	2,025
1923	0	0	0	9	91	351	495	421	187	6	0	0	1,560
1924	0	0	0	41	24	277	318	435	73	70	9	0M	1,247M
1925	0	0	0	72	93	381	436	384	337	12	0	0	1,715
1926	0	0	0	6	192	202	466	424	213	40	0	0	1,543
1927	0	0	0	34	75	193	390	275	326	56	5	0	1,354
1928	0	0	2	12	117	173M	473	419	133	100	0	0	1,429M
1929	0	0	1	36	107	277	466	384M	174	13	0	0	1,458M
1930	0	0	0	59	144	311	570	485	281	75	0	0	1,925
1931	0	0	0	17	82	423	559	385	351	86	3	0	1,906
1932	0	0	0	21	140	351	495	373	143	14	0	0	1,537
1933	0	0	0	15	128	491	494	353	356	6	3	0	1,846
1934	0	0	0	10	238	551	730	516	124	34	1	0	2,204
1935	0	0	1	16	29	204	539	440	202	35	0	0	1,466
1936	0	0	0	32	222	375	719	661	318	36	0	0	2,363
1937	0	0	0	16	119	299	462	525	222	47	1	0	1,691
1938	0	0	12	0	99	225	458	467	211	90	16	0M	1,578M
1939	0	0	5	15	135	298	429	262	268	69	0	0	1,481
1940	0	0	0	10	46	294	428	331	161	38	0	0	1,308
1941	0	0	0	42	184	290	406	429	237	50	0	0	1,638
1942	0	0	0	41	91	275	416	289	214	12	3	0	1,341
1943	0	0	6	5	53	341	425	447	108	21	0	0	1,406
1944	0	0	0	4	171	405	407	370	159	21	8	0	1,545
1945	0	0	17	15	11	168	345	400	182	2	6	0	1,146

\* Quincy data missing, Griggsville data substituted.

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

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

§ Annual total calculated from daily accumulated values from Quincy, and values based on mean monthly temperature from Quincy and Griggsville.

^ Annual total calculated from daily accumulated values from Quincy and values based on Bean monthly temperature from Griggsville

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

COOLING DEGREE DAKS

QUINCY, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1946	0	0	3	31	42	322	441	248	163	49	0	0	1,299
1947	0	0	0	11	41	215	354	662	295	86	0	0	1,664
1948	0	0	1	56	57	188	330	325	185	1	0	OM	1,143M
1949	0	0	0	0	97	292	398	285	25	44	6	0	1,147
1950	0	0	1	4	59	182	206	130	95	66	0	0	743
1951	0	0	0	27	87	138	281	252	38	37	0	0	860
1952	0	0	0	19	63	363	378	255	118	8	5	0	1,209
1953	0	0	0	2	91	373	408	335	152	66	0	0	1,427
1954	0	0	0	29	23	371	502	320	203	54	0	0	1,502
1955	0	0	0	15	89	159	502	417	173	8	0	0	1,363
1956	0	0	0	15	125	317	332	356	153	54	0	0	1,352
1957	0	0	0	26	60	227	448	354	78	0	0	0	1,193
1958	0	0	0	4	74	137	263	324	113	27	1	0	943
1959	0	0	0	9	156	308	343	426	171	3	0	0	1,416
1960	0	0	0	28	38	160	288	345	203	22	1	0	1,085
1961	0	0	0	4	29	182	321	296	157	25	0	0	1,014
1962	0	0	0	16	226	247	313	329	94	66	0	0	1,291
1963	0	0	1	27	55	338	387	285	140	138	0	0	1,371
1964	0	0	0	12	147	255	384	267	156	1	6	0	1,228
1965	0	0	0	9	148	176	287	227	111	11	0	0	969
1966	0	0	7	2	31	206	453	179	52	13	0	0	943
1967	0	0	6	16	56	217	223	172	63	35	0	0	788
1968	0	0	1	2	38	285	314	292	71	46	0	0	1,049
1969	0	0	0	4	84	162	416	281	113	40	0	0	1,100
1970	0	0	0	33	116	206	340	289	148	11	0	0	1,143
1971	0	0	0	23	32	371	220	224	224	38	0	0	1,132
1972	0	0	0	8	104	203	352	299	186	12	0	0	1,164
1973	0	0	0	6	13	257	352	325	139	44	0	0	1,136
1974	0	0	5	21	69	115	412	222	33	3	0	0	880
1975	0	0	0	4	97	258	347	385	93	34	0	0	1,218
1976	0	0	0	26	34	220	435	233	97	27	0	0	1,072
1977	0	0	0	47	160	235	499	255	129	2	0	0	1,327
1978	0	0	3	6	88	268	375	299	254	3	2	0	1,298
1979	0	0	0	4	88	275	338	322	123	33	0	0	1,183
1980	0	0	0	18	106	250	580	464	228	4	0	0	1,650
1981	0	0	0	22	22	231	342	219	84	8	0	0	928
1982	0	0	0	0	96	84	311	223	120	31	2	0	867
1983	0	0	0	0	9	243	513	527	198	28	0	0	1,518
1984	0	0	0	10	43	340	321	363	140	14	0	0	1,231
1985	0	0	5	59	73	154	332	190	163	1	0	0	977
1986	0	0	15	37	69	291	399	154	179	10	0	0	1,154
1987	0	0	0	22	173	309	428	318	85	0	3	0	1,338
1988	0	0	0	0	63	278	420	446	156	7	0	0	1,370
1989	0	0	9	48	69	190	389	293	80	32	1	0	1,111
1990	0	0	16	34	8	250	336	291	186	15	4	0	1,140
1991	0	0	7M	15	183	322	348	296	171	21	0	0	1,363M
1992	0	0	0	10	52	165	270	149	116	14	0	0	776
1993	0	0	0	0	41	231	339	332	36	9	0	OM	988M
1994	0	0	1	23	48	283	281	249	114	26	2	0	1,027

\* Quincy data missing, Griggsville data substituted.

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

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

\$ Annual total calculated from daily accumulated values from Quincy, and values based on mean monthly temperature from Quincy and Griggsville.

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

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

## HEATING DEGREE DAYS

QUINCY, IL

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1900-1901							1,083	1,181	770	417	118	10	
01-02	0	0	81	249	772	1,239	1,168	1,229	678	409	37	34	5,896
02-03	2	6	131	258	523	1,169	1,205	1,095	611	335	93	42	5,470
03-04	0	6	102	342	845	1,276	1,442	1,229	779	553	115	0	6,689
04-05	3	8	57	321	654	1,139	1,420	1,344	577	387	88	0	5,998
05-06	ON <sup>†</sup>	0	30	365	624M <sup>†</sup>	946 <sup>†</sup>	1,070	1,030	1,091	251	114	13	5,534M <sup>†</sup>
06-07	0	1	0 <sup>†</sup>	354	783	1,033	1,098	938 <sup>†</sup>	571	592	276	24	5,670 <sup>^</sup>
07-08	0 <sup>†</sup>	2	89	359	702 <sup>†</sup>	915 <sup>†</sup>	1,078	1,032	589	342M <sup>†</sup>	143	19	5,270M <sup>†</sup>
08-09	0	1	58	360	597M <sup>†</sup>	964M <sup>†</sup>	1,127	820 <sup>†</sup>	775	394	166M <sup>†</sup>	3	5,265M <sup>†</sup>
09-10	ON <sup>†</sup>	2	104	423	442	1,364	1,174	1,056	386	327	188	33	5,499M <sup>†</sup>
10-11	ON <sup>†</sup>	10	58	278	831	1,153	1,077	866	685M <sup>†</sup>	444	78	0	5,480M <sup>†</sup>
11-12	0	8	22	374	877	922	1,598	1,199	1,082	333M <sup>†</sup>	61	ON <sup>†</sup>	6,476M <sup>†</sup>
12-13	0	1	95	243	644	947	1,098	1,102	887	345	97	34	5,493
13-14	0	0	90	379	481	817	952	1,180	799	388	89	1	5,176
14-15	ON <sup>†</sup>	3	44	204	571	1,255	1,268	760	921	213	153M <sup>†</sup>	23	5,415M <sup>†</sup>
15-16	2	26	36	189	522M <sup>†</sup>	1,082M <sup>†</sup>	1,115	1,109	750	374	121	33M <sup>†</sup>	5,359M <sup>†</sup>
16-17	0	ON <sup>†</sup>	96	315	594	1,174	1,149	1,165M <sup>†</sup>	763	462	257	31	6,006M <sup>†</sup>
17-18	0	0	51	535	648M <sup>†</sup>	1,339	1,619	1,007	521	490	91	0	6,301M <sup>†</sup>
18-19	0	0	78	148	554	742	967	827	574M <sup>†</sup>	283	110	0	4,283M <sup>†</sup>
19-20	0	0	7	231	681	1,194	1,209	917	617	458	106	1	5,421
20-21	0	0	23	125 <sup>†</sup>	697	922	883	683	405	247	89	0	4,074 <sup>†</sup>
21-22	0	0	8	186	640	907	1,142	827	617 <sup>†</sup>	249 <sup>†</sup>	11	1	4,588 <sup>†</sup>
22-23	0	0	26	195	519	955	872	1,008	786	329	92	7	4,789
23-24	0	4	25	338	566	724	1,272	917	809	245	167	5	5,072
24-25	2	0	57	102	555	1,190M <sup>†</sup>	1,158	781	551	143	156	0	4,695M <sup>†</sup>
25-26	1	0	15	541	685	1,093	1,021	756	807	481	51	1	5,452
26-27	0	0	83	293	750	1,042	1,157	703	540	307	94	13	4,982
27-28	0	0	50	159	547	1,088	1,034	822	599	415	45	27M <sup>†</sup>	4,786M <sup>†</sup>
28-29	0	0	93	202	600	892	1,319	1,111	492	256	155	18	5,138
29-30	0	ON <sup>†</sup>	53	210	776	999	1,417	631	680	211	76	8	5,061M <sup>†</sup>
30-31	0	0	10	322	574	958	916	710	804	316	174	6	4,790
31-32	0	0	0 <sup>†</sup>	160	378	737	900	722	900	252	39	0	4,088 <sup>†</sup>
32-33	0	0	41	274	789	1,081	741	963	676	336	84	1	4,986
33-34	0	0	4	286	605	865	912	968	781	259	20	0	4,700
34-35	0	3	62	138	490	1,075	1,075	822	502	405	173	16	4,761
35-36	0	1	40	266	709	1,138	1,381	1,350	550	415	15	2	5,867
36-37	0	0	35	246	689	881	1,225	972	783	340	53	6	5,230
37-38	0	0	61	308	740	1,085	1,051	725	389	300 <sup>†</sup>	116	0	4,775 <sup>†</sup>
38-39	0	0	55	172	595	1,012M <sup>†</sup>	885	967	628	419	64	8	4,805M <sup>†</sup>
39-40	0	0	38	269	686	874 <sup>†</sup>	1,624	978	785	362	125	0	5,741 <sup>†</sup>
40-41	0	2	77	158	735	890	1,047	979	798	236	53	5	4,980
41-42	0	0	41	212	611	818	1,120	967	610	237	135	18	4,769
42-43	0	6	148	260	567	1,119	1,161	803	819	315	167	8	5,393
43-44	0	0	71	276	741	1,108	983	883	799	430	29 <sup>†</sup>	10	5,330 <sup>†</sup>
44-45	1	12	29	233	570	1,187	1,223	880	384	289	189 <sup>†</sup>	47	5,044 <sup>†</sup>

\* Quincy data missing, Griggsville data substituted.

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

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

\$ Seasonal total calculated from daily accumulated values from Quincy and values based on mean monthly temperature from Quincy and Griggsville.

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

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

## HEATING DEGREE DATS

QUINCY, IL

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
45-46	0	0	70	281	636	1,239	1,029	775	287	243	135	24	4,719
46-47	0	8	42	168	595	842	1,010	1,081	893	357	147	18	5,161
47-48	0	0	57	108	783	924	1,275	991	734	215	82	9	5,178
48-49	0	1	52	338	633	992M	1,194	998	776	348	73	2	5,407M
49-50	0	1	173	270	633	967	1,080	973	909	580	86	29	5,701
50-51	3	18	78	163	915	1,305	1,196	941	948	532	107	28	6,234
51-52	1	1	122	327	890	1,202	1,115	876	873	394	163	3	5,967
52-53	0	3	71	475	666	990	1,084	825	751	517	166	0	5,548
53-54	0	0	48	237	634	990	1,185	725	871	280	258	31	5,259
54-55	0	3	33	343	651	1,023	1,174	979	779	191	112	39	5,327
55-56	0	0	39	319	866	1,136	1,246	988	738	484	117	18	5,951
56-57	0	9	53	109	718	994	1,375	807	797	395	120	6	5,383
57-58	0	0	76	382	708	896	1,193	1,234	877	367	94	19	5,846
58-59	2	6	69	265	595	1,177	1,394	994	745	383	93	4	5,727
59-60	2	0	64	377	906	895	1,128	1,155	1,238	330	182	7	6,284
60-61	0	0	41	268	627	1,167	1,246	880	703	542	222	12	5,708
61-62	0	2	98	283	676	1,182	1,401	973	890	418	27	5	5,955
62-63	3	0	93	274	657	1,169	1,518	1,157	623	279	116	2	5,891
63-64	0	11	33	74	595	1,431	1,030	1,006	869	337	58	20	5,464
64-65	1	12	75	369	581	1,137	1,174	999	1,121	342	59	5	5,875
65-66	0	21	81	336	634	805	1,362	1,010	653	474	227	15	5,618
66-67	0	8	118	370	636	1,081	1,103	1,074	694	349	287	18	5,738
67-68	18	24	107	326	729	999	1,228	1,115	645	321	198	6	5,716
68-69	1	4	34	339	718	1,130	1,286	936	960	604	136	39	6,187
69-70	0	0	49	386	718	1,156	1,456	975	852	342	76	19	6,029
70-71	0	0	46	306	708	976	1,348	1,039	846	352	191	0	5,812
71-72	12	4	93	180	675	917	1,332	1,105	791	360	120	20	5,609
72-73	5	5	65	390	819	1,210	1,139	953	530	412	151	0	5,679
73-74	0	0	47	194	624	1,177	1,268	924	657	316	169	33	5,409
74-75	0	3	162	298	697	1,061	1,104	1,069	933	436	54	4	5,821
75-76	5	0	129	257	552	989	1,291	737	610	297	177	1	5,045
76-77	0	0	79	498	912	1,262	1,665	974	566	232	45	6	6,239
77-78	0	2	19	341	677	1,205	1,523	1,352	977	347	194	11	6,648
78-79	0	1	36	316	601	1,072	1,645	1,317	740	431	109	0	6,268
79-80	0	11	41	291	696	924	1,153	1,186	831	374	80	4	5,591
80-81	0	0	59	433	689	1,059	1,204	935	674	224	246	0	5,523
81-82	0	1	67	376	602	1,181	1,515	1,115	811	518	44	37	6,267
82-83	0	11	85	309	683	852	1,126	864	824	557	211	15	5,537
83-84	0	0	86	298	567	1,509	1,318	799	941	410	150	0	6,078
84-85	0	1	144	224	673	911	1,479	1,107	604	250	57	26	5,476
85-86	0	5	107	264	774	1,366	1,098	1,120	623	273	73	2	5,705
86-87	0	23	24	287	833	1,008	1,185	775	594	308	43	1	5,081
87-88	0	6	47	459	588	951	1,233	1,154	731	368	54	12	5,603
88-89	0	2	25	466	656	1,031	872	1,259	721	383	196	19	5,630
89-90	0	1	119	277	688	1,440	842	789	614	438	205	19	5,432
90-91	2	0	64	351	526	1,114	1,321	819	599M	261	72	0	5,129M
91-92	0	1	124	313	843	960	992	806	633	390	169	22	5,253
92-93	0	29	117	326	766	1,072	1,174	1,096	868	430	98	40	6,016
93-94	0	0	147	405	767	1,005M	1,375	1,012	702	378	156	12	5,959M
94-95	0	8	81	266	583	882							

\* Quincy data missing, Griggsville data substituted.

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

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

\$ Seasonal total calculated from daily accumulated values from Quincy and values based on mean monthly temperature from Quincy and Griggsville.

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

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

## TOTAL PEECIPITATION

QUINCY, IL

YEAR	JAN	FIB	MAR	APS	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1901	1.70	1.07	3.09	2.42	0.45	6.66	2.38	0.32	2.51	0.94	1.62	2.27	25.43
1902	0.48	1.11	4.31	2.77	4.10	9.90	3.87	4.53	2.01	2.21	2.85	2.80	40.94
1903	1.28	1.95	2.54	5.15	3.68	4.50	2.24	4.23	4.42	1.77	0.88	1.17	33.81
1904	3.42	1.20	3.77	6.44	5.27	6.21	3.93	4.65	8.38	0.16	0.36	1.67	45.46
1905	1.19	0.95	1.53	2.42	3.04	4.55	4.09	2.95	5.88	3.98	1.93	1.29	33.80
1906	3.00	2.19	2.40	2.95	2.08	4.02	2.26	5.68	5.56	0.82	1.86	1.54	34.36
1907	5.42	0.00	3.63	2.59	2.14	4.30	6.38	7.12	1.92	1.25	1.49	1.75	37.99
1908	0.97	3.28	0.73	3.03	6.40	5.90	5.89	2.25	2.31	0.97	3.80	0.80	36.33
1909	1.71	3.39	2.13	5.89	7.46	2.92	5.91	0.98	4.90	2.94	3.54	2.36	44.13
1910	0.29	0.25	0.15	2.85	6.62	2.45	4.96	0.41	5.36	1.02	0.05	0.72	25.13
1911	2.64	1.56	2.60M	4.67	1.42	3.22	3.41	1.29	10.79	1.95	2.60	2.60	38.75M
1912	0.29	1.70	2.13	3.88	3.44	2.53	0.69	3.97	2.09	3.69	2.72	0.60	27.73
1913	1.66	2.73	3.24	3.12	2.90	5.86	0.79	1.35	1.85	1.94	1.94	1.60	28.98
1914	0.87	2.32	2.82	2.93	0.90	1.36	2.19	3.99	5.15	2.54	0.00	1.88	26.95
1915	2.12	1.96	0.98	1.43	6.17	8.56	8.51	4.78	7.78	0.54	2.77	2.57	48.17
1916	6.56	0.50	1.04	1.79	8.92	4.82	0.00	6.01	2.90	1.91	2.06	0.98	37.49
1917	0.86	0.05	3.04	4.96	4.25	9.23	1.68	1.55	3.21	0.86	0.06	0.68	30.43
1918	1.22	1.14	0.28	4.00	5.39	2.92	1.69	3.03	3.74	2.29	2.32	2.02	30.04
1919	0.28	1.98	1.44	2.10	9.50	5.09	2.21	3.65	3.70	2.31	2.98	0.22	35.46
1920	0.85	0.26	4.93	5.18	4.93	4.99	5.79	0.54	4.77	1.10	1.22	0.90	35.46
1921	1.76	0.41	3.48	5.20	2.58	3.82	2.04	3.64	8.10	1.52	1.21	1.30	35.06
1922	1.32	1.41	4.49	3.75	2.92	0.63	3.97	2.68	4.24	1.17	5.88	0.51	32.97
1923	0.86	0.48	4.08	1.87	3.25	4.56	1.22	3.59	6.24	2.81	1.34	1.90	32.20
1924	1.30	1.50	2.64	1.57	3.85	6.29	2.59	3.41	2.63	2.80	0.65	2.78	32.01
1925	0.33	1.90	1.93	2.73	2.32	4.70	4.67	5.89	5.32	3.82	2.54	2.04	38.19
1926	1.34	1.98	2.97	3.19	2.08	7.68	1.81	5.83	11.64	3.36	3.23	0.91	46.02
1927	1.58	1.25	4.29	6.28	4.50	4.83	3.50	1.52	2.98	4.34	2.56	2.95	40.58
1928	0.49	1.93	0.88	3.58	2.10	5.44	1.08	4.54	3.22	4.14	5.62	1.50	34.52
1929	3.84	0.80	5.19	6.98	5.73	5.42	6.14	3.58	3.00	3.93	1.60	0.75	46.96
1930	3.31	1.02	1.46	0.79	2.70	5.09	0.39	1.06	1.85	2.65	4.43	0.62	25.37
1931	0.35	1.55	3.28	1.95	5.08	7.88	4.28	3.06	7.51	5.16	3.37	1.94	45.41
1932	1.61	1.11	1.84	1.53	1.57	8.97	3.59	8.78	4.66	2.20	1.21	4.36	41.43
1933	2.68	1.04	2.42	2.56	6.94	3.24	1.72	2.85	2.07	1.25	0.22	1.63	28.62
1934	0.85	1.34	2.40	1.69	1.42	1.87	0.31	2.52	6.23	2.16	5.67	1.31	27.77
1935	2.14	1.62	2.68	4.24	13.70	5.71	5.96	1.73	2.86	1.17	4.97	0.92	47.70
1936	1.52	3.18	0.88	1.25	2.39	1.46	0.45	0.77	9.88	2.78	0.99	2.09	27.64
1937	4.26	1.10	0.59	3.33	2.54	2.09	5.48	3.91	1.68	1.46	1.18	1.88	29.50
1938	3.62	2.23	3.81	3.64	6.36	5.09	3.42	5.14	1.25	2.11	5.11	2.30	44.08
1939	1.40	1.75	3.29	5.31	2.72	5.24	2.01	10.76	0.14	1.32	1.36	1.18	36.48
1940	1.81	1.23	2.56	2.99	1.25	3.89	0.41	5.90	0.34	3.48	2.44	1.41	27.71
1941	3.85	0.54	0.73	3.85	1.42	5.91	2.56	2.96	5.38	10.34	2.17	1.60	41.31
1942	0.53	3.47	1.80	5.23	4.42	6.53	3.35	5.71	3.80	0.97	5.77	3.19	44.77
1943	0.89	0.78	1.63	2.70	8.17	3.37	4.24	6.40	2.29	2.73	0.80	2.06	36.06
1944	0.34	1.88	4.85	7.97	2.84	1.12	1.27	5.65	7.02	3.45	3.51	1.35	41.25
1945	1.27	1.14	6.32	4.88	4.24	8.55	0.68	1.12	10.53	1.02	1.22	1.87	42.84

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

## TOTAL PRECIPITATION

QUINCY, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1946	2.59	0.61	2.08	3.66	6.42	3.48	1.91	6.51	2.76	5.53	3.82	1.90	41.27
1947	0.94	0.17	2.81	6.23	4.39	12.46	0.39	0.32	4.13	3.70	2.07	2.82	40.43
1948	1.40	1.87	5.18	2.23	3.07	3.55	7.75	1.07	1.91	2.29	1.55	0.57	32.44
1949	5.03	1.76	1.93	1.80	3.15	4.70	5.30	2.76	4.61	4.20	0.33	4.13	39.70
1950	3.11	1.86	1.23	2.85	2.07	7.77	5.35	1.45	1.20	0.17	1.09	0.37	28.52
1951	1.52	3.40	6.09	1.76	1.97	3.93	6.82	3.41	3.03	2.06	1.64	1.47	37.10
1952	0.47	2.18	3.93	3.44	4.00	4.63	2.93	1.90	2.50	0.84	3.08	1.75	31.65
1953	0.85	1.02	3.84	2.11	1.78	2.39	1.86	1.17	2.13	1.30	0.38	1.17	20.00
1954	0.78	1.53	1.57	4.34	2.48	2.07	2.68	7.71	2.04	4.73	1.46	1.05	32.44
1955	2.16	2.87	1.64	3.78	6.20	4.17	2.09	4.50	2.54	6.68	0.50	0.15	37.28
1956	0.61	0.84	0.56	2.21	1.43	3.11	5.05	6.45	0.33	0.82	1.24	1.91	24.56
1957	1.78	1.62	3.01	7.11	6.37	5.36	3.70	2.38	2.38	3.84	1.81	2.62	41.98
1958	0.69	0.77	0.45	3.25	2.73	5.89	11.55	2.47	1.82	1.18	2.68	0.26	33.74
1959	1.24	1.59	2.20	2.61	4.12	0.70	2.37	3.55	2.22	4.95	0.29	1.43	27.27
1960	1.49	1.47	2.42	3.53	5.26	8.12	4.24	2.64	0.81	2.91	1.43	0.78	35.10
1961	0.29	1.39	4.15	2.96	4.50	4.17	8.41	3.77	10.45	2.56	3.06	1.39	47.10
1962	1.42	1.83	2.93	1.38	6.13	2.97	3.68	1.38	3.35	2.90	1.09	0.68	29.74
1963	0.15	0.53	3.82	2.19	4.85	0.40	5.32	2.93	1.88	1.26	1.82	0.29	25.44
1964	0.74	0.56	3.88	7.17	1.51	3.99	3.72	3.49	2.77	0.41	3.53	0.80	32.57
1965	6.10	1.16	2.63	4.36	1.63	6.39	5.21	7.09	6.81	1.40	0.64	2.44	45.86
1966	0.67	1.43	1.50	5.21	6.02	4.17	2.07	1.39	5.91	1.16	1.16	2.82	33.51
1967	0.95	0.54	2.50	4.42	5.80	5.61	8.81	2.16	3.51	6.66	1.45	2.32	44.73
1968	0.64	1.97	1.17	2.47	5.44	7.47	5.67	3.87	6.22	1.64	3.31	2.53	42.40
1969	4.46	2.65	2.70	5.13	5.71	6.83	7.58	1.95	4.25	10.84	0.60	1.04	53.74
1970	0.36	0.23	2.69	7.76	4.96	4.32	4.72	10.84	10.84	3.59	1.71	1.67	53.69
1971	1.57	1.98	1.14	1.20	3.03	1.94	3.62	2.66	4.53	3.71	2.22	4.96	32.56
1972	0.42	1.27	3.55	4.86	1.61	2.00	3.20	5.15	3.09	2.78	4.98	2.29	35.20
1973	2.55	1.38	11.45	6.74	7.59	8.45	6.33	2.56	7.37	5.79	2.51	3.88	66.60
1974	2.33	2.01	3.94	2.57	7.56	3.94	2.49	5.47	1.27	2.72	4.09	2.38	40.77
1975	1.34	2.51	1.59	4.00	5.36	4.88	1.30	3.28	6.35	2.38	3.59	2.23	38.81
1976	0.53	1.05	4.20	5.00	4.99	1.63	1.35	4.20	3.02	5.31	0.50	0.16	31.94
1977	1.58	0.63	5.65	1.88	4.13	1.95	2.83	10.15	10.51	7.25	3.79	1.04	51.39
1978	0.36	0.97	2.35	5.61	7.99	4.08	4.64	1.58	8.06	2.29	3.91	2.14	43.98
1979	1.90	1.52	3.02	4.43	2.25	2.36	3.06	1.94	0.37	2.23	2.51	1.18	26.77
1980	0.94	0.64	4.01	1.62	3.91	2.88	2.40	4.93	5.46	1.52	0.74	2.78	31.83
1981	0.31	1.01	1.16	4.41	6.87	5.24	13.21	1.61	2.11	2.42	4.65	0.61	43.61
1982	3.67	1.20	3.97	3.05	4.78	4.12	6.99	4.22	3.23	2.63	2.90	8.62	49.38
1983	0.28	1.21	2.90	6.84	3.77	1.48	0.80	1.44	3.64	4.91	6.12	3.10	36.49
1984	0.25	2.07	4.68	3.99	5.50	4.02	4.90	0.42	4.10	6.14	2.77	4.66	43.50
1985	0.73	3.60	4.22	1.58	2.99	2.51	6.06	4.69	3.06	4.64	11.17	2.39	47.64
1986	0.10	2.12	0.85	3.30	4.27	5.28	7.93	1.11	9.49	6.03	1.70	1.92	44.10
1987	2.53	0.69	2.31	1.88	3.17	2.28	3.79	6.13	2.13	0.98	2.53	3.81	32.23
1988	1.90	0.40	2.12	1.11	2.05	2.85	0.10	2.84	1.30	0.63	3.15	1.90	20.35
1989	0.74	0.96	1.16	2.50	2.71	0.95	2.35	4.28	2.95	1.96	0.37	0.64	21.57
1990	1.16	4.58	3.44	2.09	7.79	5.76	4.10	2.67	2.70	2.11	3.01	3.69	43.10
1991	0.74	1.20	2.92	4.57	13.26	1.10	2.87	2.01	2.63	7.61	2.53	1.79	43.23
1992	0.52	1.47	1.88	5.11	0.45	1.05	6.71	0.27	2.71	1.12	8.10	2.91	32.30
1993	2.26	1.72	2.96	4.82	2.35	7.63	7.49	3.83	8.77	2.51	3.23	1.12	48.69
1994	0.52	0.33	0.45	6.19	2.14	4.36	2.65	2.46	1.43	2.10	3.38	1.81	27.82

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



## TOTAL SNOWALL

QUINCY, IL

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL
													TOTAL
1900-1901							0.0	3.7	0.8	0.5	0.0	0.0	
01-02	0.0	0.0	0.0	0.0	0.0	5.0	4.7	0.2	0.0	0.0	0.0	0.0	9.9
02-03	0.0	0.0	0.0	0.0	1.0	4.0	13.2	8.2	0.0	2.0	0.0	0.0	28.4
03-04	0.0	0.0	0.0	0.0	0.0	4.0	13.5	2.0	5.0	2.5	0.0	0.0	27.0
04-05	0.0	0.0	0.0	0.0	0.0	1.5	1.0	10.0	0.0	0.0	0.0	0.0	12.5
05-06	0.0	0.0	0.0	0.0	0.0	0.5	7.0	3.0	11.5	0.0	0.0	0.0	22.0
06-07	0.0	0.0	0.0	0.0	0.5	0.0	3.0	0.0	6.0	0.0	0.0	0.0	9.5
07-08	0.0	0.0	0.0	0.0	0.0	4.0	6.5	8.5	0.0	0.0	0.0	0.0	19.0
08-09	0.0	0.0	0.0	0.0	0.0	1.5	2.5	7.5	0.0	0.0	0.0	0.0	11.5
09-10	0.0	0.0	0.0	0.0	0.0	6.0	2.0	0.5	0.0	3.6	0.0	0.0	12.1
10-11	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	0.0	0.0	0.0	0.0	7.0
11-12	0.0	0.0	0.0	0.0	2.0	6.0	2.1	4.6	10.2	0.4	0.0	0.0	25.3
12-13	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.3	1.4	0.0	0.0	0.0	6.5
13-14	0.0	0.0	0.0	0.0	0.0	4.5	1.4	16.9	1.7	0.0	0.0	0.0	24.5
14-15	0.0	0.0	0.0	0.0	0.0	8.5	9.6	1.3	5.5	0.0	0.0	0.0	24.9
15-16	0.0	0.0	0.0	0.0	0.0	17.0	2.2	6.6	3.5	0.0	0.0	0.0	29.3
16-17	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.1	2.2	1.9	0.0	0.0	5.6
17-18	0.0	0.0	0.0	0.0	0.0	7.4	11.9	0.0	0.0	0.0	0.0	0.0	19.3
18-19	0.0	0.0	0.0	0.0	0.0	11.3	0.6	7.6	0.6	0.0	0.0	0.0	20.1
19-20	0.0	0.0	0.0	0.0	0.8	1.1	6.8	1.7	0.4	13.0	0.0	0.0	23.8
20-21	0.0	0.0	0.0	0.0	0.1	2.0	5.1	0.0	0.0	0.0	0.0	0.0	7.2
21-22	0.0	0.0	0.0	0.0	1.4	2.7	3.2	0.0	4.1	0.0	0.0	0.0	11.4
22-23	0.0	0.0	0.0	0.0	0.0	0.7	2.6	0.8	1.4	6.0	0.0	0.0	11.5
23-24	0.0	0.0	0.0	0.0	3.0	0.0	6.5	8.1	9.3	0.0	0.0	0.0	26.9
24-25	0.0	0.0	0.0	0.0	0.0	6.0	2.7	3.0	1.5	0.0	0.0	0.0	13.2
25-26	0.0	0.0	0.0	3.6	4.2	6.0	6.1	4.6	17.5	5.2	0.0	0.0	47.2
26-27	0.0	0.0	0.0	0.0	5.5	1.3	12.0	0.0	2.0	0.0	0.0	0.0	20.8
27-28	0.0	0.0	0.0	0.0	0.0	9.5	0.7	0.5	1.5	0.0	0.0	0.0	12.2
28-29	0.0	0.0	0.0	0.0	0.0	0.6	10.7	4.3	0.0	0.0	0.0	0.0	15.6
29-30	0.0	0.0	0.0	0.2	1.5	5.8	17.3	0.4	0.5	0.0	0.0	0.0	25.7
30-31	0.0	0.0	0.0	0.0	0.0	0.8	0.5	0.4	13.0	0.0	0.0	0.0	14.7
31-32	0.0	0.0	0.0	0.0	2.0	3.3	1.1	1.6	3.5	0.0	0.0	0.0	11.5
32-33	0.0	0.0	0.0	0.0	5.2	8.7	0.3	5.6	2.0	0.0	0.0	0.0	21.8
33-34	0.0	0.0	0.0	0.0	0.0	0.5	1.0	11.9	13.0	0.0	0.0	0.0	26.4
34-35	0.0	0.0	0.0	0.0	0.0	7.6	1.2	0.0	0.7	7.3	0.0	0.0	16.8
35-36	0.0	0.0	0.0	0.0	0.0	3.5	13.4	4.5	0.0	1.1	0.0	0.0	22.5
36-37	0.0	0.0	0.0	0.0	2.6	1.2	4.6	2.1	1.4	0.0	0.0	0.0	11.9
37-38	0.0	0.0	0.0	0.0	4.3	0.0	1.4	11.8	0.0	6.0	0.0	0.0	23.5
38-39	0.0	0.0	0.0	0.0	0.3	0.4	9.0	3.7	0.0	0.0	0.0	0.0	13.4
39-40	0.0	0.0	0.0	0.0	0.0	9.0	17.4	3.3	0.2	0.0	0.0	0.0	29.9
40-41	0.0	0.0	0.0	0.0	1.4	2.0	10.1	2.3	5.2	0.0	0.0	0.0	21.0
41-42	0.0	0.0	0.0	0.0	3.0	1.3	1.6	10.1	0.7	0.0	0.0	0.0	16.7
42-43	0.0	0.0	0.0	0.0	1.5	5.0	7.6	3.2	5.1	0.0	0.0	0.0	22.4
43-44	0.0	0.0	0.0	0.0	0.0	11.9	0.0	7.3	3.0	0.0	0.0	0.0	22.2
44-45	0.0	0.0	0.0	0.0	0.2	8.2	11.0	2.5	7.0	0.0	0.0	0.0	28.9

M Monthly- less than 4 days missing. Annually - one ore more months incomplete.

TOTAL SNOWFALL

QUINCY, IL

YEAR	TOTAL SNOWFALL												SEASONAL
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
45-46	0.0	0.0	0.0	0.0	0.0	9.4	0.3	3.5	0.0	0.0	0.0	0.0	13.2
46-47	0.0	0.0	0.0	0.0	0.0	1.0	7.0	2.6	8.7	0.0	0.0	0.0	19.3
47-48	0.0	0.0	0.0	0.0	0.0	1.0	6.5	6.5	2.5	0.0	0.0	0.0	16.5
48-49	0.0	0.0	0.0	0.0	0.0	3.6	6.2	3.9	1.5	0.0	0.0	0.0	15.2
49-50	0.0	0.0	0.0	0.0	0.0	0.9	0.8	0.0	4.5	0.5	0.0	0.0	6.7
50-51	0.0	0.0	0.0	0.0	0.0	4.0	3.0	3.5	7.3	1.3	0.0	0.0	19.1
51-52	0.0	0.0	0.0	0.0	2.7	10.8	2.8	6.9	5.5	0.0	0.0	0.0	28.7
52-53	0.0	0.0	0.0	0.0	0.0	3.1	6.2	0.1	7.1	4.0	0.0	0.0	20.5
53-54	0.0	0.0	0.0	0.0	0.0	2.7	1.0	0.0	3.0	0.0	0.0	0.0	6.7
54-55	0.0	0.0	0.0	0.0	0.0	3.4	6.3	5.2	6.0	0.0	0.0M	0.0	20.9M
55-56	0.0	0.0	0.0	0.0	1.2	1.0	7.7	3.4	5.2	0.0	0.0	0.0	18.5
56-57	0.0	0.0	0.0	0.0	3.0	3.0	8.4	0.0	3.5	1.0	0.0	0.0	18.9
57-58	0.0	0.0	0.0	0.0	0.0M	2.9	5.5	1.0	1.5	0.0	0.0	0.0	10.9M
58-59	0.0	0.0	0.0	0.0	3.0	3.0	12.8	0.8	0.0	0.0	0.0	0.0	19.6
59-60	0.0	0.0	0.0	0.0	0.3	0.0	5.0	9.5	24.4	0.0	0.0	0.0	39.2
60-61	0.0	0.0	0.0	0.0	0.0	4.8	4.1M	5.4	0.0	0.0	0.0	0.0	14.3M
61-62	0.0	0.0	0.0	0.0	2.0	12.1	7.2	10.9	0.9	0.4	0.0	0.0	33.5
62-63	0.0	0.0	0.0	0.0	0.0	4.2	3.5	9.9	0.0	0.0	0.0	0.0	17.6
63-64	0.0	0.0	0.0	0.0	0.0	3.6	4.3	9.1	13.9	0.0	0.0	0.0	30.9
64-65	0.0	0.0	0.0	0.0	5.8	4.1	6.4	9.1	14.5	0.0	0.0	0.0	39.9
65-66	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0
66-67	0.0	0.0	0.0	0.0	0.0	4.3	9.6	1.8	2.6	1.5	0.0	0.0	19.8
67-68	0.0	0.0	0.0	0.2	0.4	1.3	5.2	2.1	1.0	0.0	0.0	0.0	10.2
68-69	0.0	0.0	0.0	0.0	2.9	4.6	7.2	8.0	5.0	0.0	0.0	0.0	27.7
69-70	0.0	0.0	0.0	0.0	0.0	11.3	3.9	3.9	4.7	2.3	0.0	0.0	26.1
70-71	0.0	0.0	0.0	0.0	0.2	1.3	6.2	2.4	4.7	0.0	0.0	0.0	14.8
71-72	0.0	0.0	0.0	0.0	4.3	0.1	8.7	5.7	2.0	0.0	0.0	0.0	20.8
72-73	0.0	0.0	0.0	0.0	6.1	2.7	2.8	3.1	0.0	2.2	0.0	0.0	16.9
73-74	0.0	0.0	0.0	0.0	0.0	16.7	6.6	7.1	2.0	0.8	0.0	0.0	33.2
74-75	0.0	0.0	0.0	0.0	8.9	3.3	6.7	14.5	3.3	0.6	0.0	0.0	37.3
75-76	0.0	0.0	0.0	0.0	8.9	1.7	8.3	3.4	1.1	0.0	0.0	0.0	23.4
76-77	0.0	0.0	0.0	0.0	0.0	3.9	16.6	1.9	1.0	0.4	0.0	0.0	23.8
77-78	0.0	0.0	0.0	0.0	7.7	10.6	2.4	11.6	12.8	0.1	0.0	0.0	45.2
78-79	0.0	0.0	0.0	0.0	0.0	10.0	19.5	3.8	7.1	0.0	0.0	0.0	40.4
79-80	0.0	0.0	0.0	0.0	0.1	0.0	3.6	9.1	4.3	4.4	0.0	0.0	21.5
80-81	0.0	0.0	0.0	0.0	1.2	4.2	2.2	6.5	0.0	0.0	0.0	0.0	14.1
81-82	0.0	0.0	0.0	0.0	0.3	9.9	8.7	9.5	0.0	3.3	0.0	0.0	31.7
82-83	0.0	0.0	0.0	0.0	1.6	0.7	2.6	3.2	3.7	2.3	0.0	0.0	14.1
83-84	0.0	0.0	0.0	0.0	1.0	13.1	2.6	2.8	6.4	0.0	0.0	0.0	25.9
84-85	0.0	0.0	0.0	0.0	1.3	0.2	7.8	5.3	0.0	0.0	0.0	0.0	14.6
85-86	0.0	0.0	0.0	0.0	0.4	3.2	0.2	18.5	0.0	0.0	0.0	0.0	22.3
86-87	0.0	0.0	0.0	0.0	0.2	0.1	22.2	0.5	0.0	0.0	0.0	0.0	23.0
87-88	0.0	0.0	0.0	0.0	0.0	10.0	0.5	5.7	4.5	0.0	0.0	0.0	20.7
88-89	0.0	0.0	0.0	0.0	0.1	0.6	0.1	12.8	0.0	0.0	0.0	0.0	13.6
89-90	0.0	0.0	0.0	0.0	0.0	8.7	2.5	2.8	3.9	0.0	0.0	0.0	17.9
90-91	0.0	0.0	0.0	0.0	1.8	1.8	8.3	0.1	0.4	0.0	0.0	0.0	12.4
91-92	0.0	0.0	0.0	0.0	4.8	4.5	1.8	1.1	1.8	0.0	0.0	0.0	14.0
92-93	0.0	0.0	0.0	0.0	3.6	4.1	10.1	20.8	3.6	0.6	0.0	0.0	42.8
93-94	0.0	0.0	0.0	0.3	7.0	2.0	9.0						

M Monthly- less than 4 days missing. Annually - one ore more months incomplete.

## COMMENTS CONCERNING WEATHER RECORDS

Earliest weather records in the Midwest generally began in the mid-1800s. The first official governmental action concerning weather observations was inaugurated under the Surgeon General of the Army in 1814, when all hospital surgeons were asked to keep a weather diary. Systematic observations began under that program in 1819. The Smithsonian Institution acquired the meteorological observing program in 1848, under the direction of James P. Espy and Joseph Henry. For the first time in the U.S., observers were provided with instruments.

By 1850, 301 sites were taking routine weather observations in the country. An additional 200 were added within the next decade. In 1870, military posts were directed to regularly observe the weather, and the U.S. Weather Bureau (forerunner of the National Weather Service), became a new agency of the U.S. Signal Service in 1871 and began managing the network. In 1873, all meteorological work was directed solely by the Signal Service. In 1891 the U.S. Weather Bureau was transferred to the U.S. Dept. of Agriculture, and in 1940, again, transferred to the Dept. of Commerce, its present home. Today, daily observations of temperature and precipitation are available from about 200 sites in Illinois.

Atlantic storm warnings were first made in 1885, followed by cold wave warnings with 3 days lead the following year. Twenty-four hour hurricane observing and warning service began in 1935. Five-day forecasts were first issued in 1940, 30- and 90-day outlooks began in the 1950s, and outlooks for the coming year in January 1995.

Temperature and precipitation records are not likely homogeneous over long periods of record. For example, raingages with small catchments were preferred during the early/mid-1800s. Today, the standard raingage has a diameter of 8 inches, exhibiting a different catchment efficiency. Daily mean temperatures are currently based on the average of the daily maximum and minimum. Maximum/minimum thermometers were not commonly available until the late 1800s, therefore prior to that time daily mean temperatures were defined as either (1) the average of the 0700, 1400 and 2100 observations (suggested by the Mannheim Meteorological Society), or the average of the 0700, 1400, and twice the 2100 temperatures, the latter more closely approximating the average of all 24 hourly readings of a day.

The Quincy weather station is one of about 200 such observing

sites in Illinois under the direction of the National Weather Service. The Illinois State Water Survey has prepared climatological summaries similar to this for the following locations:

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

and are available from State Climatologist, Illinois State Water Survey, 2204 Griffith Dr., Champaign IL 61820, 217-333-0729.

#### **STATION HISTORY**

Quincy data originate from two National Weather Service Weather (NWS) sites, the Quincy airport, and the NWS Coop site, from which these records from 1901 have been compiled.

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