

SWS Miscellaneous Publication 98-10

STATE OF ILLINOIS

DEPARTMENT OF ENERGY AND NATURAL RESOURCES

Local Climatological Data Summary

Peoria, Illinois

1901 -1990

by Audrey A. Bryan and Wayne Armstrong



LOCAL CLIMATOLOGICAL DATA FOR
PEORIA ILLINOIS 1901-1990

Climatological Summary:

Peoria (Peoria County) has a temperate continental climate, dominated by maritime tropical air from the Gulf of Mexico from about March through November. Gulf air generally supports relative humidities of about 50 to 60% during the day and 85% at night. This is the airmass which yields a "muggy" environment and promotes thunderstorms, heavy showers, and at times, damaging winds and tornadoes. During these months, there are occasional, brief interruptions of drier, cooler air from the Pacific Ocean, but they typically only last for a few days.

From November through March, the Peoria area is dominated by Pacific Ocean air, cool and dry. However, four to six times each winter, cold, dry air from the Canadian Arctic breaks southward, bringing temperatures into negative values. These outbreaks are often preceded by winter storms with freezing precipitation or heavy snow. The dominating wind direction during winter is from northwest, although there is great variability.

Summer daytime temperatures in central Illinois are usually in the 80s or low 90s, with nighttime lows about 18°F lower. Humidities are relatively high, with comfort often impaired. Average annual precipitation is 36.25 inches. Each summer month generally supports some 3.75 inches of rainfall, mostly in showers and thunderstorms, occasionally accompanied by hail or even a tornado. Summer winds are usually out of the southwest.

Winters in northern and central Illinois are markedly more severe than those in southern Illinois. Average January highs are near 30 with lows in the mid teens. Ground frost of several inches depth is common from January through March, occasionally with breaks in the temporal continuity.

Average annual snowfall is about 26 inches. Snowfalls of 6 inches or more at Peoria are expected about once every 3 years on average, although they tend to occur in groups within one winter. The month with the greatest snowfall ever in Peoria was January 1979 with 24.7 inches. Snowcover in Peoria generally continues for several weeks at a time. As with frost, however, there are often breaks in snowcover during any given winter. The greatest number of days with at least 2 inches snowcover at Peoria was 84 days (1977-1978 winter).

The highest temperature on record at Peoria is 113°F recorded on 15 July 1936, whereas the lowest is -26°F occurring on 13 February 1905. The greatest precipitation amount ever recorded in Peoria within 24 hours was 5.52 inches on 18 May 1927. The greatest monthly total was 13.09 inches in September 1961.

Climatological Summary
Means and Extremes For Period 1901-1990

Latitude M40 04
Longitude W89 41

Peoria, IL
Elevation 650

Mon	Temperature						Degree Days						Precipitation						Snow								
	Means			Extremes			Number of days			Greatest			Greatest			Number of Days			Greatest	Greatest							
	Ave Max	Ave Min	Ave Mean	High Temp	Low Temp	Date	Max	<=32	<=12	Min	Heat	Cool	Grow	Mean	Monthly Amount	Year	Amount	Date	>=0.1	>=0.5	>=1.0	Mean	Amount	Year	Depth	Date	
Jan	29.9	13.2	21.8	71	23/09	-25 17/77	0	17	29	7	1,353	0	0	1.51	8.11	1965	4.43	1/65	4	1	0	7.3	24.7	1979	20	1/79	
Feb	34.9	17.7	26.3	74	10/32	-26 13/05	0	12	26	3	1,099	0	1	1.42	4.95	1942	3.17	6/42	4	1	0	5.9	15.2	1989	17	1/79†	
Mar	48.1	29.5	39.0	87	21/07	-11 8/43	0	3	20	0	822	1	32	2.90	6.95	1973	3.38	14/44	6	2	0	3.4	17.2	1926	10	10/60	
Apr	62.0	40.4	51.4	92	10/30*	14 5/20*	0	0	6	0	432	11	133	3.77	8.66	1947	5.06	24/50	7	2	†	1.2	13.4	1982	10	9/82	
May	72.8	50.5	61.9	104	31/34	25 10/66	1	0	0	0	172	61	363	3.70	11.49	1915	5.52	18/27	7	3	1	0.0	0.1	1923†			
Jun	82.2	59.9	71.3	105	1/34*	39 4/45	5	0	0	0	21	195	625	3.99	11.69	1974	4.74	24/11	6	2	1						
Jul	85.7	64.6	75.4	113	15/36	46 34/11	8	0	0	0	3	310	771	4.20	9.18	1990	3.94	3/31	6	3	1						
Aug	83.1	62.4	73.0	106	18/36	41 26/10*	5	0	0	0	10	242	697	3.10	8.61	1965	4.32	29/55	5	2	1						
Sep	76.4	54.5	65.7	102	14/39	24 28/42	2	0	0	0	99	105	459	3.87	13.09	1961	4.11	13/61	6	3	1	0.0	1.0	1942			
Oct	64.3	42.5	53.7	92	3/22	7 30/25	0	0	5	0	340	13	172	2.65	10.53	1941	3.62	10/69	5	2	1	0.1	3.3	1929	3	23/29	
Nov	49.3	31.9	40.8	81	1/37*	-2 26/77	0	2	17	0	740	0	31	2.69	7.62	1985	4.26	27/90	5	2	1	1.9	10.7	1926	7	27/75	
Dec	34.6	19.3	27.2	71	3/70*	-24 28/24	0	13	27	3	1,186	0	3	2.44	6.34	1949	2.52	24/65	5	2	1	6.4	21.7	1977	13	10/73	
Total/Ave	60.3	40.5	50.6				20.4	46.8	128.9	13.2	6317	938	3287	36.25					67	24	9	26.2					

Means based on 1961-1990 data
Extremes based on 1901-1990 data

† Calendar Day
Daily precipitation data unavailable for January, March, and April of 1904
†† Snow depth records available starting February 1905
Records also occurred on the following dates:
Feb: 2-3,9-14/79
May: 1966

* Records also occurred on the following dates:
Apr: High temp 4/25/86 Aug: 8/31/15 and 8/28/86
Low Temp 4/6-7/82 Nov: 11/1/50
Jun: 6/29/36 and 6/25/88 Dec: 12/2/82

Probabilities: Precipitation (in) Missing Data: 0.0%
Station: (116711) Peoria WSO AP Years: 1961 To 1990

	1%	5%	10%	25%	50%	75%	90%	95%	99%
Ja	0.09	0.23	0.36	0.68	1.24	2.04	3.00	3.70	5.24
Fe	0.25	0.44	0.58	0.86	1.29	1.83	2.44	2.85	3.75
Ma	0.49	0.87	1.14	1.74	2.62	3.76	5.04	5.92	7.81
Ap	0.59	1.08	1.44	2.22	3.38	4.90	6.60	7.78	10.32
Ma	0.75	1.26	1.61	2.34	3.39	4.73	6.19	7.19	9.32
Jn	0.42	0.89	1.25	2.11	3.46	5.30	7.43	8.93	12.21
Ju	0.76	1.32	1.72	2.57	3.81	5.42	7.19	8.40	11.02
Au	0.37	0.74	1.03	1.69	2.71	4.09	5.66	6.77	9.17
Se	0.18	0.50	0.81	1.62	3.09	5.28	7.95	9.89	14.25
Oc	0.17	0.43	0.66	1.23	2.20	3.59	5.24	6.43	9.07
No	0.32	0.65	0.90	1.47	2.36	3.55	4.91	5.87	7.95
De	0.34	0.65	0.88	1.40	2.17	3.20	4.36	5.17	6.92
An	19.71	23.71	26.06	30.33	35.61	41.47	47.25	50.95	58.39
Wi	1.60	2.34	2.82	3.78	5.08	6.64	8.30	9.41	11.72
Sp	4.23	5.58	6.41	7.99	10.02	12.38	14.79	16.37	19.61
Su	3.81	5.34	6.32	8.23	10.77	13.78	16.93	19.02	23.37
Fa	2.93	4.19	5.00	6.60	8.75	11.32	14.02	15.82	19.57

Growing Season Summary
Station: (116711) Peoria_WSO_AP
Years: 1961 To 1990 Missing Data: 0.0%

Base Temp	Date of Last Spring Occurrence					Date of First Fall Occurrence				
	Median	Early	90%	10%	Late	Median	Early	10%	90%	Late
32	4/22	4/02	4/08	5/08	5/13	10/17	9/23	10/04	11/03	11/04
28	4/07	3/22	3/25	4/21	5/10	10/26	10/02	10/12	11/14	11/19
24	3/31	3/13	3/19	4/11	4/19	11/11	10/19	10/24	11/20	11/30
20	3/22	2/22	3/10	4/05	4/08	11/19	10/19	11/01	12/02	12/06
16	3/13	2/07	2/13	3/29	4/07	11/29	11/07	11/11	12/10	12/17

Base Temp	Length of Season (Days)			
	Median	Shortest	10%	90%
32	179	150	159	196
28	202	168	185	224
24	222	192	210	236
20	238	194	222	261
16	262	220	232	286

YEAR	TEMPERATURE												ANNUAL AVERAGE
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1901	**	27.7	45.5	62.6	74.4	87.5	94.9	86.3	78.2	68.4	47.3	**	
1902	37.0	30.0	**	61.2	78.8	79.9	87.3	82.5	73.7	68.3	57.6	35.1	
1903	34.8	34.3	54.5	63.5	76.9	78.7	88.9M	82.9	78.2M	64.7	**	31.4	M
1904	27.6	30.0	46.4	58.3	77.9	86.0	89.2	84.9	79.6	65.4	54.1	37.5	61.4
1905	28.4	24.4	53.1	61.0	71.6	82.5	81.7	85.5	78.3	63.5	50.8	38.1	59.9
1906	38.8	35.9	35.7	65.3	74.3	80.3	84.9	87.1	81.8	63.1	47.1	37.5	61.0
1907	35.5	39.9	55.1	53.1	65.8	77.8	84.0	82.5	74.9	62.3	49.0	39.5	60.0
1908	35.8	34.1	52.1	62.0	71.1	79.7	85.3	84.5	83.1	66.5	52.2	37.9	62.0
1909	34.5	41.1	45.9	59.4	70.0	81.3	81.9	89.8	75.2	60.9	57.6	26.7	60.4
1910	31.6	32.9	63.0	63.6	66.8	82.6	87.1	84.5	76.7	69.1	44.7	33.7	61.4
1911	35.7	40.2	51.2	57.5	81.3	87.6	87.1	84.0	78.1	61.3	42.1	40.2	62.2
1912	18.5	28.1	37.4	62.3	75.9	80.5	85.9	82.7	77.8	67.0	51.4	41.6	59.1
1913	36.4	33.3	45.3	62.5	74.0	85.7	90.5	90.0	78.4	61.7	55.4	41.7	62.9
1914	39.0	28.0	45.2	61.3	77.2	85.6	91.3	87.5	77.3	67.6	54.2	28.6	61.9
1915	29.1	41.6	41.8	70.1	69.1	79.0	81.2	76.7	77.7	67.9	54.2	34.1	60.2
1916	36.3	32.4	46.7	59.4	71.4	75.4	93.8	89.3	75.3	65.6	52.3	34.3	61.0
1917	33.8	30.7	50.2	56.1	66.6	77.6	86.0	81.9	74.7	53.9	51.1	27.8	57.5
1918	19.3	38.4	58.8	54.6	77.3	82.4	83.7	88.2	69.4	66.8	50.1	44.3	61.1
1919	38.1	38.9	50.2	61.0	68.0	84.7	90.5	83.0	79.9	66.6	46.9	27.9	61.3
1920	26.5	35.0	51.8	58.0	71.5	83.4	85.7	83.9	80.3	71.4	46.3	38.5	61.0
1921	39.2	41.9	58.6	64.7	76.4	87.3	91.6	83.6	80.3	66.6	47.1	39.7	64.8
1922	33.6	39.2	54.9	62.5	75.8	84.8	85.6	86.5	82.2	70.3	50.5	38.1	63.7
1923	38.3	31.0	44.3	61.2	72.3	83.2	89.6	84.7	75.3	60.6	50.3	45.6	61.4
1924	28.0	35.1	41.2	64.7	66.6	78.7	82.0	82.9	70.8	72.3	50.6	30.1	58.6
1925	32.1	42.0	53.1	69.7	70.6	84.4	85.7	85.2	81.7	51.7	46.3	32.1	61.2
1926	34.8	39.9	40.4	54.0	76.8	78.5	86.4	83.5	73.6	61.2	43.5	33.7	58.9
1927	31.7	43.9	51.2	59.7	69.0	76.9	84.7	79.4	79.9	69.6	52.0	35.1	61.1
1928	34.5	39.9	50.3	58.1	75.9	75.5	85.9	85.3	72.9	66.9	48.5	39.4	61.1
1929	27.4	29.7	55.8	62.7	69.4	79.5	85.1	82.1	75.9	63.1	43.6	35.1	59.1
1930	25.4	46.7	49.1	66.7	74.1	83.2	91.1	88.1	82.0	62.5	52.1	36.6	63.1
1931	40.5	44.6	43.9	63.4	68.5	86.5	90.7	85.4	83.9	68.5	58.9	44.8	65.0
1932	40.0	46.4	40.0	62.3	75.9	84.7	88.1	85.3	77.4	63.4	44.9	35.7	62.0
1933	46.5	36.9	47.8	60.6	71.9	92.0	90.7	84.3	85.1	62.7	49.1	40.4	64.0
1934	39.0	32.5	43.8	63.0	82.7	92.6	92.8	85.4	73.4	69.1	54.0	32.5	63.4
1935	34.2	37.7	53.6	57.4	64.4	76.9	89.9	85.3	77.3	65.6	45.7	30.1	59.8
1936	24.6	24.2	52.3	58.6	78.7	86.0	98.9	92.8	80.4	64.0	46.6	42.3	62.5
1937	32.3	36.5	44.5	58.6	73.4	81.0	87.1	89.3	78.5	61.8	45.9	32.2	60.1
1938	33.8	42.8	57.2	62.8	72.1	80.2	87.5	87.6	79.2	73.0	52.8	37.1	63.8
1939	39.6	36.7	50.9	57.8	77.7	82.7	86.5	84.8	85.3	70.1	50.6	42.7	63.8
1940	20.8	35.4	43.7	60.1	69.3	84.6	89.8	84.9	79.4	71.3	47.5	40.0	60.6
1941	33.9	33.5	44.2	66.0	78.1	84.1	88.6	87.2	81.1	67.2	51.5	42.8	63.2
1942	33.8	32.3	50.2	67.2	72.2	81.3	86.5	84.1	74.6	66.6	50.0	31.7	60.9
1943	31.8	40.3	45.7	60.3	67.6	81.9	87.4	85.8	72.8	64.5	45.1	34.6	59.8
1944	40.5	38.9	42.1	56.3	76.5	85.2	86.7	84.5	76.2	65.8	48.6	29.1	60.9
1945	26.7	36.3	60.0	61.0	65.1	75.1	83.6	85.3	74.5	62.9	48.5	28.7	59.0

M One to nine days missing

Trace Mounts, an amount too small to measure, were not reported

YEAR	TEMPERATURE												ANNUAL AVERAGE
	AVERAGE					MAXIMUM							
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PEORIA, IL	
1946	35.2	40.1	61.2	65.3	67.6	81.3	87.2	79.5	78.0	70.9	51.8	42.0	63.3
1947	36.8	29.7	40.8	59.6	66.9	76.9	83.7	93.5	79.1	74.1	42.2	39.1	60.2
1948	28.3	36.6	46.7	64.9	71.6	81.2	84.6	85.6	80.1	63.2	51.3	39.5	61.1
1949	34.2	36.0	48.6	62.1	76.4	85.1	85.3	85.5	72.0	67.7	52.1	42.0	62.5
1950	39.0	34.9	43.1	53.7	74.6	80.5	82.5	79.2	75.4	71.8	42.9	28.7	58.9
1951	32.5	35.9	43.3	57.2	75.2	77.3	83.4	81.5	72.6	65.2	42.2	35.9	58.5
1952	36.3	40.7	44.51M	63.8	71.6	87.6	87.3	83.0	78.7	62.0	52.5	38.7	62.2M
1953	35.2	42.3	48.5	56.5	72.0	86.9	87.4	86.5	80.1	70.9	52.7	39.6	63.2
1954	35.7	46.6	44.3	66.6	68.1	85.7	88.6	83.1	81.0	64.6	50.1	37.2	62.6
1955	32.3	36.2	47.9	69.4	75.5	78.2	91.1	89.0	78.9	64.8	44.9	34.3	61.9
1956	34.3	37.1	49.2	60.2	75.5	84.8	83.2	84.1	77.9	73.6	49.1	38.4	62.3
1957	26.8	41.2	47.3	59.8	70.7	80.8	87.6	86.0	75.7	61.9	47.3	42.7	60.7
1958	31.1	27.8	43.8	62.8	75.3	75.9	81.2	83.9	76.1	67.7	52.3	31.6	59.1
1959	27.4	35.1	48.9	61.8	76.5	84.6	85.3	87.5	78.5	59.8	41.7	40.7	60.7
1960	33.6	29.8	31.1	63.3	67.2	77.2	82.7	82.7	78.1	65.4	50.1M	32.5	57.8M
1961	29.9	40.6	49.2	54.3	68.0	81.5	83.4	82.5	76.7	63.7	47.9	32.0	59.1
1962	24.7	33.0	41.8	61.9	78.7	82.1	82.5	85.4	74.4	65.2	49.9	32.8	59.4
1963	20.8	28.7	51.5	64.9	70.9	85.9	85.7	80.9	76.8	77.1	52.7	23.4	59.9
1964	38.5	36.9	45.3	62.3	77.8	84.4	86.9	84.6	76.8	64.3	54.3	32.6	62.1
1965	33.5	36.6	35.7	61.0	78.0	82.1	84.0	81.1	73.6	63.5	50.2	43.4	60.2
1966	27.5	36.1	50.9	57.9	68.6	82.2	90.2	81.3	74.5	63.3	51.8	35.9	60.0
1967	36.5	30.9	48.9	62.3	66.8	82.5	82.5	78.2	74.0	62.3	44.4	36.6	58.8
1968	30.3	33.5	54.6	63.5	67.6	83.3	82.8	83.3	75.5	65.0	47.7	35.2	60.2
1969	27.7	37.1	43.6	63.7	72.8	76.9	84.5	83.5	74.9	62.0	46.8	32.1	58.8
1970	22.7	36.0	43.4	62.3	75.2	79.7	86.1	81.7	76.1	63.2	47.2	37.9	59.3
1971	28.0	35.5	45.0	64.9	69.3	89.7	82.4	83.0	79.8	70.7	49.6	40.9	61.6
1972	28.5	33.8	46.9	59.3	74.8	80.3	82.8	81.9	75.1	58.6	41.1	30.1	57.8
1973	35.2	36.6	54.6	60.4	68.1	82.6	84.7	84.4	76.2	67.9	51.6	32.1	61.2
1974	30.0	38.2	51.4	65.1	68.3	77.3	88.1	82.7	73.3	65.5	46.5	35.8	60.2
1975	35.3	32.0	42.3	57.3	76.1	82.5	85.1	83.6	71.3	67.6	53.6	36.6	60.3
1976	28.9	45.7	55.2	66.3	69.5	82.9	86.9	81.5	76.2	58.3	42.9	31.8	60.5
1977	17.4	36.4	54.1	69.1	80.9	82.1	90.2	80.6	76.1	61.2	47.6	30.3	60.5
1978	21.9	24.0	40.8	61.8	69.6	82.3	84.7	84.3	83.2	63.3	49.4	34.4	58.3
1979	18.0	23.1	46.1	56.8	72.7	82.9	83.7	83.1	79.2	64.0	47.2	40.5	58.1
1980	31.0	27.7	44.2	59.1	74.2	79.8	89.5	86.7	78.7	60.9	50.0	36.3	59.8
1981	32.6	37.5	52.0	65.9	68.9	83.1	83.7	81.8	76.7	63.8	54.1	35.1	61.3
1982	24.9	32.7	46.6	57.2	79.7	77.8	84.8	80.9	75.1	66.5	49.7	44.5	60.0
1983	34.3	41.6	48.0	55.5	68.6	83.3	91.7	92.1	80.0	64.6	52.9	21.8	61.2
1984	28.0	43.7	37.7	57.7	69.7	84.3	83.4	86.3	74.7	66.8	50.1	42.8	60.4
1985	25.8	31.2	53.5	67.9	76.3	78.7	84.2	79.7	76.6	65.0	46.3	28.0	59.4
1986	35.7	30.8	53.4	68.8	75.0	82.8	86.9	80.1	79.0	64.9	43.9	37.2	61.5
1987	32.1	45.5	54.4	66.6	81.1	85.2	89.8	83.8	77.3	60.1	53.2	38.2	63.9
1988	32.0	32.8	50.6	63.3	79.2	87.0	91.6	90.4	80.8	59.1	50.3	39.5	63.1
1989	42.3	26.5	48.9	61.8	70.5	81.0	85.6	82.8	72.4	66.4	50.0	25.3	59.5
1990	44.1	42.1	52.2	60.7	67.0	80.7	81.3	81.5	76.4	64.3	55.4	36.1	61.8

M One to nine days missing

** Data unavailable for this month

AVERAGE MINIMUM TEMPERATURE

PEORIA, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1901	**	13.0	31.9	40.5	51.2	63.7	69.8	63.7	54.8	44.0	29.0	**	
1902	31.3	11.9	**	39.7	56.7	61.3	67.5	63.5	54.0	46.9	40.9	22.0	
1903	20.9	19.9	38.8	45.1	56.8	59.2	66.3	62.7	54.4	46.4	**	16.9	
1904	14.9	15.9	32.5	38.5	53.9	60.8	62.9	59.3	57.1M	44.3	34.5	24.4	41.6H
1905	15.2	5.8	34.7	40.0	51.5	59.9	62.4	63.2	56.8	41.1	29.1	21.6	40.1
1906	21.7	18.2	22.9	43.2	51.6	58.3	60.3	63.8	57.6	42.4	31.8	23.6	41.3
1907	20.3	19.7	36.0	35.6	44.4	56.0	64.5	61.3	53.8	40.3	27.6	25.7	40.4
1908	17.9	20.0	32.5	40.0	52.9	59.2	63.0	60.7	55.0	41.7	31.5	20.9	41.3
1909	18.1	22.6	27.8	37.5	48.4	61.1	61.0	64.2	52.8	38.6	38.3	11.6	40.2
1910	17.1	14.6	36.6	40.3	46.0	57.1	63.6	60.0	54.0	44.2	25.8	17.1	39.7
1911	19.0	24.3	29.3	39.2	55.1	63.4	63.0	60.1	57.6	41.4	24.5	25.8	41.9
1912	3.6	13.5	19.5	40.7	52.6	56.2	63.8	62.2	56.2	42.7	32.2	23.8	38.9
1913	19.1	15.5	25.5	40.9	50.8	60.7	66.5	65.6	55.3	42.4	38.9	29.7	42.6
1914	25.4	10.5	28.5	41.1	52.9	62.7	66.2	63.0	55.1	47.0	32.5	13.0	41.5
1915	12.9	29.2	26.4	47.4	48.0	56.5	62.6	57.6	58.0	43.4	33.3	21.5	41.4
1916	18.1	16.5	28.2	40.3	51.4	56.1	68.1	64.2	51.8	42.7	32.6	16.1	40.5
1917	15.1	11.0	29.7	38.8	44.5	57.8	64.0	59.8	52.7	34.6	32.6	11.8	37.7
1918	1.5	17.4	32.3	37.1	55.5	60.5	61.9	66.8	47.1	45.7	33.7	28.9	40.7
1919	20.2	22.7	31.4	41.7	48.6	65.0	66.3	60.8	56.6	44.9	28.9	13.3	41.7
1920	10.8	20.2	31.2	35.6	50.0	60.5	61.5	60.4	56.7	49.0	30.9	23.2	40.8
1921	25.1	27.0	36.0	43.9	53.8	66.3	67.9	63.9	59.5	44.5	32.7	24.7	45.4
1922	14.0	20.6	35.2	42.5	55.5	61.6	63.8	62.5	57.0	45.6	36.0	19.6	42.8
1923	25.3	15.4	24.0	37.6	49.6	62.7	65.7	62.2	55.4	40.3	34.1	30.4	41.9
1924	10.0	20.8	28.5	42.3	44.4	59.7	60.1	62.5	50.1	46.1	31.9	13.4	39.2
1925	14.9	24.6	29.2	45.9	45.1	62.3	64.2	62.6	61.6	35.1	28.8	17.5	41.0
1926	19.0	27.0	23.7	33.9	51.3	55.8	65.1	65.2	57.5	43.7	28.9	19.8	40.9
1927	15.1	28.4	35.2	42.0	50.9	57.4	62.7	57.6	60.1	46.3	34.6	16.7	42.3
1928	18.5	24.7	30.4	37.2	51.3	56.5	65.2	64.2	49.6	47.2	34.9	24.7	42.0
1929	8.1	12.6	35.1	44.5	49.5	57.8	65.5	61.0	54.6	42.8	27.9	21.4	40.1
1930	8.3	30.1	28.4	43.4	52.5	59.9	65.3	64.1	57.5	43.4	32.6	23.1	42.4
1931	24.6	28.8	29.5	41.7	47.9	64.9	67.6	62.5	62.2	50.0	41.5	32.3	46.1
1932	26.5	27.2	23.6	40.4	51.5	62.2	65.3	63.1	52.2	42.2	27.0	20.0	41.8
1933	28.6	16.7	30.9	41.2	53.8	65.8	66.3	61.8	60.2	41.0	30.0	24.7	43.4
1934	24.4	15.0	24.4	40.2	54.7	65.8	69.1	63.5	54.1	45.7	37.9	19.5	42.9
1935	18.3	25.1	35.0	39.5	47.2	57.8	68.6	64.3	54.3	43.2	31.6	16.2	41.8
1936	9.8	5.5	31.5	37.8	55.4	57.9	69.7	67.8	60.6	44.3	29.0	25.4	41.2
1937	15.4	19.2	27.9	40.8	52.9	60.5	64.6	67.3	53.2	42.5	27.5	21.3	41.1
1938	18.5	29.6	37.7	43.8	52.3	59.6	65.6	66.9	57.0	47.6	33.3	22.8	44.6
1939	24.8	18.4	31.1	37.6	54.7	63.3	65.9	61.7	58.1	44.1	31.7	25.1	43.0
1940	5.8	23.5	28.1	39.4	48.5	62.5	65.1	64.6	53.7	46.8	28.9	28.0	41.2
1941	22.8	17.9	26.5	46.1	55.6	62.8	65.4	65.1	58.3	48.8	35.0	30.6	44.6
1942	17.3	21.2	33.3	45.0	52.1	62.5	66.1	62.5	55.2	43.8	32.8	17.5	42.4
1943	16.8	20.8	25.0	37.2	50.0	64.5	64.9	65.5	51.0	43.0	27.6	17.9	40.4
1944	21.4	20.0	26.6	38.5	56.2	63.3	62.8	63.2	56.2	42.9	37.5	15.3	42.0
1945	12.8	22.8	38.9	42.3	46.1	57.6	61.2	62.6	56.4	40.1	30.7	14.5	40.5

M One to nine days missing

** Data unavailable for this month

AVERAGE MINIMUM TEMPERATURE

PEORIA, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1946	19.1	21.6	39.0	43.0	48.7	59.6	65.0	60.3	53.7	47.0	33.9	24.0	42.9
1947	20.2	13.3	24.6	40.0	46.7	59.1	61.2	70.5	57.2	52.4	27.8	23.5	41.4
194*	12.1	18.6	28.3	45.1	47.6	59.9	65.0	63.0	58.0	41.2	34.4	23.3	41.4
1949	18.8	19.0	29.5	39.1	52.5	64.3	68.6	63.5	48.8	47.2	32.6	24.6	42.4
1950	19.3	18.8	26.1	34.8	52.6	59.3	62.3	58.8	56.1	48.3	25.0	12.8	39.5
1951	16.1	19.9	26.1	38.6	52.5	59.5	64.2	61.8	52.0	45.2	24.4	16.2	39.7
1952	18.1	25.3	27.3	41.0	50.2	65.8	66.6	62.2	52.7	34.7	32.4	25.9	41.9
1953	21.6	23.4	31.2	37.5	51.3	64.6	66.5	63.7	54.2	47.1	33.3	22.5	43.1
1954	19.0	28.2	26.5	44.5	46.8	65.3	67.0	64.5	57.1	46.1	33.4	24.9	43.6
1955	16.6	19.9	27.6	47.9	53.1	58.6	70.7	66.5	56.3	43.8	26.2	18.2	42.1
1956	17.4	22.5	28.6	37.4	53.0	63.4	64.2	64.0	53.0	49.5	30.6	25.1	42.4
1957	10.3	27.8	29.2	42.4	51.5	62.6	67.5	64.4	53.9	41.3	31.6	25.5	42.3
1958	18.8	11.1	29.7	41.6	50.1	56.9	64.3	63.9	55.4	45.3	33.8	14.4	40.4
1959	9.5	18.8	28.9	40.1	55.7	62.6	64.7	68.1	57.6	42.8	24.1	28.7	41.8
1960	20.2	18.1	14.0	42.7	48.4	59.0	61.3	64.0	58.5	42.5	30.9	14.7	39.5
1961	12.6	23.0	31.9	34.4	45.0	57.3	63.2	62.1	55.7	43.6	31.3	16.1	39.7
1962	8.2	18.8	25.6	38.4	57.7	59.8	61.5	61.7	50.7	44.5	31.6	14.4	39.4
1963	4.8	8.5	31.4	40.8	47.0	60.0	62.9	59.8	53.6	51.2	33.3	7.5	38.4
1964	18.9	19.2	26.7	42.1	54.7	60.9	65.5	60.2	54.0	37.2	32.6	18.8	40.9
1965	15.0	17.3	20.2	40.8	55.3	60.5	63.3	61.3	55.7	41.5	32.2	27.3	40.9
1966	11.4	19.4	30.4	38.2	45.6	58.5	66.5	59.2	53.1	39.3	33.4	22.5	39.8
1967	18.7	12.7	31.5	43.0	46.0	62.1	61.4	57.9	52.5	42.9	29.1	22.9	40.1
1968	13.9	13.9	31.4	41.2	47.8	61.4	63.5	64.2	53.1	42.7	33.0	20.0	40.5
1969	12.9	23.6	22.3	41.4	50.0	55.9	66.6	62.6	54.6	40.9	28.1	19.4	39.9
1970	7.4	15.8	27.1	42.1	53.2	59.8	63.7	62.9	55.4	44.0	30.9	21.8	40.3
1971	10.3	19.9	26.0	38.8	46.0	63.9	59.9	60.2	57.9	49.2	31.4	27.7	40.9
1972	10.8	15.2	26.9	38.5	51.6	55.6	63.6	62.8	57.3	41.3	31.3	17.4	39.4
1973	19.5	21.2	38.4	41.4	47.7	60.9	65.2	64.9	57.7	47.5	33.1	17.5	42.9
1974	16.2	20.6	30.7	42.0	50.2	56.0	65.6	61.6	48.9	41.6	32.6	23.9	40.8
1975	19.6	20.1	25.3	36.7	53.0	61.7	62.5	65.7	50.4	43.0	36.2	23.8	41.5
1976	10.1	24.0	32.5	41.8	46.8	58.1	63.6	59.0	50.3	36.2	21.1	10.1	37.8
1977	-0.3	17.5	35.1	45.0	56.2	58.3	66.2	62.1	56.7	41.3	32.9	15.3	40.5
1978	4.7	6.7	23.9	40.6	50.9	60.2	65.3	62.1	57.8	40.9	33.2	19.2	38.8
1979	0.8	6.3	29.7	38.6	48.2	59.5	62.3	61.9	51.9	41.2	28.7	23.0	37.7
1980	16.2	12.1	27.0	39.2	51.8	58.7	67.5	67.1	57.0	38.3	31.3	21.5	40.6
1981	14.7	18.1	29.3	44.8	48.4	63.2	67.0	63.8	55.0	42.9	35.9	19.4	41.9
1982	6.7	16.8	28.8	35.8	57.1	56.6	66.6	61.6	54.6	43.5	33.2	30.2	41.0
1983	22.1	25.3	32.5	38.1	48.6	61.8	68.6	69.4	55.8	45.9	36.8	8.5	42.8
1984	13.2	27.2	24.8	41.5	47.8	64.2	62.5	63.4	53.2	48.3	30.4	25.0	41.8
1985	7.8	15.2	34.1	46.0	52.2	58.6	63.2	60.6	56.5	46.0	31.6	9.1	40.1
1986	17.4	16.2	32.9	42.0	52.9	61.8	67.9	57.7	58.8	45.4	28.5	24.6	42.2
1987	18.2	25.9	33.8	41.6	55.7	62.8	68.1	63.5	54.0	35.9	35.9	26.6	43.5
1988	13.4	14.2	29.2	38.9	51.5	59.2	65.6	66.5	55.6	37.3	32.7	19.8	40.3
1989	25.4	10.9	29.5	39.5	47.6	58.6	65.0	61.9	52.0	43.4	29.6	7.1	39.2
1990	25.4	25.2	34.6	39.3	48.5	61.3	63.8	62.7	55.8	39.4	34.9	19.3	42.5

M One to nine days missing

** Data unavailable for this month

AVERAGE MEAN TEMPERATURE

PEORIA, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1901	29.3	20.8	38.7	51.6	62.8	75.6	82.3	75.0	66.5	56.2	38.2	26.5	52.0
1902	29.2	21.0	42.2	50.4	67.6	70.6	77.4	73.0	63.9	57.6	49.2	28.6	52.6
1903	27.8	27.1	46.7	54.3	66.8	69.0	77.6M	72.8	66.3M	55.6	**	24.2	M
1904	21.2	23.0	39.4	48.4	65.9	73.4	76.0	72.1	68.4M	54.8	44.3	31.0	51.5M
1905	21.8	15.1	43.9	50.5	61.5	71.1	72.0	74.4	67.6	52.3	40.0	29.8	50.0
1906	30.2	27.0	29.3	54.2	63.0	69.3	72.6	75.4	69.7	52.8	39.4	30.6	51.1
1907	27.9	28.3	45.6	43.4	55.1	66.9	74.2	71.9	64.4	51.3	38.3	32.6	50.0
1908	26.8	27.0	42.3	51.0	62.0	69.4	74.2	72.6	69.0	54.1	41.8	29.4	51.6
1909	26.3	31.8	36.8	48.4	59.2	71.2	71.4	77.0	64.0	49.8	48.0	19.2	50.3
1910	24.4	23.8	49.8	52.0	56.4	69.8	75.4	72.2	65.3	56.7	35.3	25.4	50.5
1911	27.3	32.4	40.2	48.2	68.2	75.5	75.0	72.1	67.8	51.4	33.3	32.9	52.0
1912	11.0	20.8	28.4	51.5	64.2	68.4	74.8	72.4	67.0	54.8	41.8	32.6	49.0
1913	27.8	24.4	35.4	51.7	62.4	73.2	78.5	77.8	66.8	52.0	47.2	35.7	52.7
1914	32.2	19.2	36.8	51.2	65.0	74.2	78.8	75.2	66.2	57.3	43.4	20.8	51.7
1915	21.0	35.4	34.1	58.8	58.6	67.8	71.9	67.2	67.8	55.6	43.8	27.8	50.8
1916	27.2	24.4	37.4	49.8	61.4	65.8	81.0	76.0	63.6	54.2	42.4	25.2	50.7
1917	24.4	20.8	40.0	47.4	55.6	67.7	75.0	70.8	63.7	44.2	41.8	19.8	47.6
1918	10.4	27.9	45.6	45.8	66.4	71.4	72.8	77.5	58.2	56.2	41.9	36.6	50.9
1919	29.2	30.8	40.8	51.4	58.3	74.8	78.4	71.9	68.2	55.8	37.9	20.6	51.5
1920	18.6	27.6	41.5	44.2	60.8	72.0	73.6	72.2	68.5	60.2	38.6	30.8	50.7
1921	32.2	34.4	47.3	54.3	65.1	76.8	79.8	73.8	69.9	55.6	39.9	32.2	55.1
1922	23.8	29.9	41.2	52.5	65.6	73.2	74.7	74.5	69.6	58.0	43.2	28.8	52.9
1923	31.8	23.2	34.2	49.4	61.0	73.0	77.6	73.4	65.4	50.4	42.2	38.0	51.6
1924	19.0	28.0	34.8	53.5	55.5	69.2	71.0	72.7	60.4	59.2	41.2	21.8	48.9
1925	23.5	33.1	41.1	57.8	57.8	73.4	75.0	73.9	71.6	43.4	37.6	24.8	51.1
1926	26.9	33.4	32.0	44.0	64.0	67.2	75.8	74.4	65.6	52.4	36.2	26.8	49.9
1927	23.4	36.2	43.2	50.8	60.0	67.2	73.7	68.5	70.0	58.0	43.3	25.9	51.7
1928	26.5	32.3	40.4	47.6	63.3	66.0	75.6	74.8	61.2	57.0	41.7	32.0	51.5
1929	17.8	21.2	45.4	53.6	59.4	68.6	75.3	71.6	65.2	53.0	35.8	28.2	49.6
1930	17.0	38.4	38.8	55.0	63.3	71.6	78.2	76.1	69.8	53.0	42.4	29.8	52.8
1931	32.6	36.7	36.7	52.6	58.2	75.7	79.2	74.0	73.0	59.2	50.2	38.6	55.6
1932	33.2	36.8	31.8	51.4	63.7	73.4	76.7	74.2	64.8	52.8	36.0	27.8	51.9
1933	37.6	26.8	39.4	50.9	62.8	78.9	78.5	73.0	72.6	51.8	39.6	32.6	53.7
1934	31.6	23.8	34.1	51.6	68.7	79.2	81.0	74.4	63.8	57.4	46.0	26.0	53.1
1935	26.2	31.4	44.3	48.4	55.8	67.4	79.2	74.8	65.8	54.4	38.6	23.2	50.8
1936	17.2	14.8	41.9	48.2	67.0	72.0	84.3	80.3	70.5	54.2	37.8	33.8	51.8
1937	23.8	27.8	36.2	49.7	63.2	70.8	75.8	78.3	65.8	52.2	36.7	26.7	50.6
1938	26.2	38.2	47.4	53.3	62.2	69.9	76.6	77.2	68.1	60.3	43.0	30.0	54.4
1939	32.2	27.6	41.0	47.7	66.2	73.0	76.2	73.2	71.7	57.1	41.2	33.9	53.4
1940	13.3	29.4	35.9	49.8	58.9	73.4	77.4	74.8	66.6	59.0	38.2	34.0	50.9
1941	28.4	25.7	35.4	56.0	66.8	73.4	77.0	76.2	69.7	58.1	43.2	36.7	53.9
1942	25.6	26.8	41.7	56.0	62.2	71.9	76.4	73.3	64.8	55.2	41.4	24.6	51.7
1943	24.3	30.6	35.4	48.8	58.8	73.2	76.2	75.6	61.9	53.8	36.4	26.2	50.1
1944	31.0	29.4	34.4	47.4	66.4	74.2	74.8	73.8	66.2	54.4	43.0	22.2	51.4
1945	19.8	29.6	49.4	51.6	55.6	66.4	72.4	74.0	65.4	51.5	39.6	21.6	49.7

M One to nine days missing

** Data unavailable for this month

AVERAGE MEAN TEMPERATURE

PEORIA, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1946	27.2	30.8	50.1	54.2	58.2	70.4	76.1	69.9	65.8	59.0	42.8	33.0	53.1
1947	28.5	21.5	32.7	49.8	56.8	68.0	72.4	82.0	68.2	63.2	35.0	31.3	50.8
1948	20.2	27.6	37.5	55.0	59.6	70.6	74.8	74.3	69.1	52.2	42.9	31.4	51.3
1949	26.5	27.5	39.1	50.6	64.5	74.7	78.5	74.5	60.4	57.5	42.4	33.3	52.5
1950	29.2	26.9	34.6	44.3	63.6	69.9	72.4	69.0	65.8	60.1	34.0	20.8	49.2
1951	24.3	27.9	34.7	47.9	63.9	68.4	73.8	71.7	62.3	55.2	33.3	26.1	49.1
1952	27.2	33.0	35.9M	52.4	60.9	76.7	77.0	72.6	65.7	48.4	42.5	32.3	52.1M
1953	28.4	32.9	39.9	47.0	61.7	75.8	77.0	75.1	67.2	59.0	43.0	31.1	53.2
1954	27.4	37.5	35.4	55.6	57.5	75.5	77.8	73.8	69.1	55.4	41.8	31.1	53.2
1955	24.5	28.1	37.8	58.7	64.3	68.4	80.9	77.8	67.6	54.3	35.6	26.3	52.0
1956	25.9	29.8	38.9	48.8	64.3	74.1	73.7	74.1	65.5	61.6	39.9	31.8	52.4
1957	18.6	34.5	38.3	51.1	61.1	71.7	77.6	75.2	64.8	51.6	39.5	34.1	51.5
1958	25.0	19.5	36.8	52.2	62.7	66.4	72.8	73.9	65.8	56.5	43.1	23.0	49.8
1959	18.5	27.0	38.9	51.0	66.1	73.6	75.0	77.8	68.1	51.3	32.9	34.7	51.2
1960	26.9	24.0	22.6	53.0	57.8	68.1	72.0	73.4	68.3	54.0	40.5M	23.6	48.7M
1961	21.3	31.8	40.6	44.4	56.5	69.4	73.3	72.3	66.2	53.7	39.6	24.1	49.4
1962	16.5	25.9	33.7	50.2	68.2	71.0	72.0	73.6	62.6	54.9	40.8	23.6	49.4
1963	12.8	18.6	41.5	52.9	59.0	73.0	74.3	70.4	65.2	64.2	43.0	15.5	49.2
1964	28.7	28.1	36.0	52.2	66.3	72.7	76.2	72.4	65.4	50.8	43.5	25.7	51.5
1965	24.3	27.0	28.0	50.9	66.7	71.3	73.7	71.2	64.7	52.5	41.2	35.4	50.6
1966	19.5	27.8	40.7	48.1	57.1	70.4	78.4	70.3	63.8	51.3	42.6	29.2	49.9
1967	27.6	21.8	40.2	52.7	56.4	72.3	72.0	68.1	63.3	52.6	36.8	29.8	49.5
1968	22.1	23.7	43.0	52.4	57.7	72.4	73.2	73.8	64.3	53.9	40.4	27.6	50.4
1969	20.3	30.4	33.0	52.6	61.4	66.4	75.6	73.1	64.8	51.5	37.5	25.8	49.4
1970	15.1	25.9	35.3	52.2	64.2	69.8	74.9	72.3	65.8	53.6	39.1	29.9	49.8
1971	19.2	27.7	35.5	51.9	57.7	76.8	71.2	71.6	68.9	60.0	40.5	34.3	51.3
1972	19.7	24.5	36.9	48.9	63.2	68.0	73.2	72.4	66.2	50.0	36.2	23.8	48.6
1973	27.4	28.9	46.5	50.9	57.9	71.8	75.0	74.7	67.0	57.7	42.4	24.8	52.1
1974	23.1	29.4	41.1	53.6	59.3	66.7	76.9	72.2	61.1	53.6	39.6	29.9	50.5
1975	27.5	26.1	33.8	47.0	64.6	72.1	73.8	74.7	60.9	55.3	44.9	30.2	50.9
1976	19.5	34.9	43.9	54.1	58.2	70.5	75.3	70.3	63.3	47.3	32.0	21.0	49.2
1977	8.6	27.0	44.6	57.1	68.6	70.2	78.2	71.4	66.4	51.3	40.3	22.8	50.5
1978	13.3	15.4	32.4	51.2	60.3	71.3	75.0	73.2	70.5	52.1	41.3	26.8	48.6
1979	9.4	14.7	37.9	47.7	60.5	71.2	73.0	72.5	65.6	52.6	38.0	31.8	47.9
1980	23.6	19.9	35.6	49.2	63.0	69.3	78.5	76.9	67.9	49.6	40.7	28.9	50.3
1981	23.7	27.8	40.7	55.4	58.7	73.2	75.4	72.8	65.9	53.4	45.0	27.3	51.6
1982	15.8	24.8	37.7	46.5	68.4	67.2	75.7	71.3	64.9	55.0	41.5	37.4	50.5
1983	28.2	33.5	40.3	46.8	58.6	72.6	80.2	80.8	67.9	55.3	44.9	15.2	52.0
1984	20.6	35.5	31.3	49.6	58.8	74.3	73.0	74.9	64.0	57.6	40.3	33.9	51.2
1985	16.8	23.2	43.8	57.0	64.3	68.7	73.7	70.2	66.6	55.5	39.0	18.6	49.8
1986	26.6	23.5	43.2	55.4	64.0	72.3	77.4	68.9	68.9	55.2	36.2	30.9	51.9
1987	25.2	35.7	44.1	54.1	68.4	74.0	79.0	73.7	65.7	48.0	44.6	32.4	53.7
1988	22.7	23.5	39.9	51.1	65.4	73.1	78.6	78.5	68.2	48.2	41.5	29.7	51.7
1989	33.9	18.7	39.2	50.7	59.1	69.8	75.3	72.4	62.2	54.9	39.8	16.2	49.4
1990	34.8	33.7	43.4	50.0	57.8	71.0	72.6	72.1	66.1	51.9	45.2	27.7	52.2

M One to nine days missing

** Data unavailable for this month

COOLING DEGREE DAYS

PEORIA, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1901	0	0	0	0	64	318	536	310	124	0	0	0	1,352#
1902	0	0	0	0	143	189	384	248	83	0	0	0	1,047#
1903	0	0	0	0	130	164	391M	242	121M	0	**	0	M#
1904	0	0	0	0	115	252	341	220	154M	0	0	0	1,082M#
1905	0	0	0	0	43	183	217	291	141	0	0	0	875#
1906	0	0	0	0	67	168	236	322	175	0	0	0	968#
1907	0	0	0	0	0	130	285	214	91	0	0	0	720#
1908	0	0	0	0	51	170	285	236	164	0	0	0	906#
1909	0	0	0	0	5	186	198	372	841	0	0	0	1,602#
1910	0	0	0	0	0	176	322	223	105	0	0	0	826#
1911	0	0	0	0	153	315	310	220	145	0	0	0	1,143#
1912	0	0	0	0	87	154	304	229	132	0	0	0	906#
1913	0	0	0	0	57	246	419	397	129	0	0	0	1,248#
1914	0	0	0	0	100	276	428	316	119	0	0	0	1,239#
1915	0	0	0	1	0	145	214	136	145	0	0	0	641#
1916	0	0	0	0	41	113	496	341	78	0	0	0	1,069#
1917	0	0	0	0	0	143	310	195	79	0	0	0	727#
1918	0	0	0	0	123	192	242	388	0	0	0	0	945#
1919	0	0	0	0	0	294	415	214	151	0	0	0	1,074#
1920	0	0	0	0	31	210	267	223	156	21	0	0	908#
1921	0	0	0	0	102	354	459	273	178	0	0	0	1,366#
1922	0	0	0	0	110	246	301	295	173	0	0	0	1,125#
1923	0	0	0	0	34	240	391	260	106	0	0	0	1,031#
1924	0	0	0	0	0	167	199	239	27	5	0	0	637#
1925	0	0	0	0	0	252	310	276	198	0	0	0	1,036#
1926	0	0	0	0	84	135	335	291	110	0	0	0	955#
1927	0	0	0	0	18	135	270	158	180	0	0	0	761#
1928	0	0	0	0	72	116	329	304	40	0	0	0	861#
1929	0	0	0	0	8	157	319	205	103	0	0	0	792#
1930	0	0	0	0	72	198	409	344	176	0	0	0	1,199#
1931	0	0	0	0	0	321	440	279	240	5	0	0	1,285#
1932	0	0	0	0	79	252	363	285	97	0	0	0	1,076#
1933	0	0	0	0	64	417	419	248	228	0	0	0	1,376#
1934	0	0	0	0	161	426	496	291	81	0	0	0	1,455#
1935	0	0	0	0	0	138	440	304	113	0	0	0	995#
1936	0	0	0	0	133	210	598	474	188	0	0	0	1,603#
1937	0	0	0	0	70	192	335	412	113	0	0	0	1,122#
1938	0	0	0	0	54	178	360	378	149	23	0	0	1,142#
1939	0	0	0	0	120	240	347	254	201	0	0	0	1,162#
1940	0	0	0	0	0	252	384	304	125	1	0	0	1,066#
1941	0	0	0	0	130	252	372	347	175	0	0	0	1,276#
1942	0	0	0	0	54	207	353	257	97	0	0	0	968#
1943	0	0	0	0	0	246	347	329	51	0	0	0	973#
1944	0	0	0	0	123	276	304	273	119	0	0	0	1,095#
1945	0	0	0	0	0	122	229	279	106	0	0	0	736#

Monthly values based on mean monthly temperature as opposed to daily accumulated values. Annual totals are calculated from these monthly values.

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

** Data unavailable for this month

M One to nine days missing

COOLING DEGREE DAYS PEORIA, IL													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AGG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1946	0	0	0	0	0	186	344	181	113	1	0	0	825f
1947	0	0	0	0	0	148	229	527	151	70	0	0	1,125f
1948	0f	0f	0f	0f	11f	186	312	300	167	1	0	0	977ff
1949	0	0	0	0	95	298	425	305	30	36	0	0	1,189
1950	0	0	0	0	61	189	240	150	94	44	0	0	778
1951	0	0	0	23	97	132	283	217	47	36	0	0	835
1952	0	0	0M	21	63	364	377	244	109	5	4	0	1,187M
1953	0	0	0	0	75	333	378	320	138	53	0	0	1,297
1954	0	0	0	27	22	352	405	281	167	53	0	0	1,307
1955	0	0	0	8	74	149	502	403	127	9	0	0	1,272
1956	0	0	0	12	107	306	276	295	95	31	0	0	1,122
1957	0	0	0	21	46	217	394	322	68	0	0	0	1,068
1958	0	0	0	6	49	84	250	295	102	16	0	0	802
1959	0	0	0	5	146	270	319	403	165	4	0	0	1,312
1960	0	0	0	23	17	118	225	266	160	5	0M	0	814M
1961	0	0	0	0	23	170	267	239	163	6	1	0	869
1962	0	0	0	17	170	201	230	273	70	34	0	0	995
1963	0	0	1	10	21	258	300	195	80	75	0	0	940
1964	0	0	0	8	112	256	356	245	128	0	0	0	1,105
1965	0	0	0	1	132	194	275	217	96	13	0	0	928
1966	0	0	0	0	22	189	423	179	77	1	0	0	891
1967	0	0	4	9	31	233	232	133	69	19	0	0	730
1968	0	0	0	1	10	241	263	285	54	37	0	0	891
1969	0	0	0	0	67	122	334	260	80	30	0	0	893
1970	0	0	0	24	99	178	317	239	109	6	0	0	972
1971	0	0	0	14	22	359	217	214	210	37	0	0	1,073
1972	0	0	0	0	103	140	273	253	130	3	0	0	902
1973	0	0	0	7	3	211	315	306	121	35	0	0	998
1974	0	0	0	12	43	99	377	233	47	6	0	0	817
1975	0	0	0	0	83	237	292	307	55	14	0	0	988
1976	0	0	0	28	14	176	326	180	62	14	0	0	800
1977	0	0	0	42	176	179	416	209	88	0	0	0	1,110
1978	0	0	0	0	81	208	316	267	221	0	0	0	1,093
1979	0	0	0	0	62	206	259	258	95	23	0	0	903
1980	0	0	0	6	70	160	425	378	156	1	0	0	1,196
1981	0	0	0	13	33	250	331	250	93	6	1	0	977
1982	0	0	0	0	141	101	338	215	96	26	0	0	917
1983	0	0	0	0	14	250	479	494	188	17	0	0	1,442
1984	0	0	0	12	24	285	256	315	129	22	0	0	1,043
1985	0	0	3	48	54	155	279	173	164	0	0	0	876
1986	0	0	15	30	68	234	392	157	161	6	0	0	1,063
1987	0	0	0	19	166	278	440	293	92	0	3	0	1,291
1988	0	0	0	2	84	266	431	428	140	5	0	0	1,356
1989	0	0	2	20	56	177	324	240	57	11	0	0	887
1990	0	0	9	34	8	204	251	230	138	9	0	0	883

Monthly values based on mean monthly temperature as opposed to daily accumulated values. Annual totals are calculated from these monthly values.

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

** Data unavailable for this month

M One to nine days missing

HEATING DEGREE DAYS

PEORIA, IL

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1900-1901							1,107#	1,238#	815#	402#	136#	0#	
01-02	0#	0#	76#	273#	804#	1,194#	1,110#	1,232#	707#	438#	57#	11#	5,902#
02-03	0#	0#	118#	229#	474#	1,128#	1,153#	1,061#	567#	321#	70#	36#	5,157#
03-04	0M#	0#	79M#	291#	**	1,265#	1,358#	1,218#	794#	498#	85#	0#	M#
04-05	0#	0#	46M#	316#	621#	1,054#	1,339#	1,397#	654#	435#	158#	3#	6,023M#
05-06	8	0	36	414	752	1,093	1,081	1,066	1,107	328	165	20	6,070
06-07	0	8	31	397	763	1,070	1,146	1,028	621	651	316	49	6,080
07-08	0	10	119	438	802	1,005	1,180	1,103	705	423	182	37	6,004
08-09	4	6	69	373	695	1,106	1,202	927	869	518	206	14	5,989
09-10	10	1	123	475	512	1,420	1,263	1,154	482	402	279	64	6,185
10-11	0	13	73	295	891	1,227	1,169	914	768	503	101	0	5,954
11-12	10	11	44	429	952	994	1,671	1,285	1,135	406	124	28	7,089
12-13	0	16	135	328	696	1,001	1,155	1,134	918	406	149	43	5,981
13-14	0	0	104	426	539	897	1,019	1,278	873	424	130	16	5,706
14-15	0	3	68	257	647	1,369	1,364	828	959	245	223	39	6,002
15-16	6	57	72	291	640	1,155	1,171	1,176	853	460	172	54	6,107
16-17	0	10	161	359	677	1,233	1,257	1,238	779	533	322	59	6,628
17-18	4	4	103	645	692	1,397	1,691	1,040	592	572	99	5	6,844
18-19	9	0	215	282	693	881	1,111	961	749	415	249	2	5,567
19-20	0	3	37	334	812	1,378	1,437	1,084	725	625	174	22	6,631
20-21	0	12	47	210	791	1,057	1,015	855	555	335	149	10	5,036
21-22	0	0	23	294	752	1,016	1,281	983	739	378	66	12	5,544
22-23	0	6	58	275	639	1,120	1,028	1,172	960	468	169	27	5,922
23-24	0	12	73	449	670	835	1,427	1,074	934	363	302	33	6,172
24-25	13	4	157	201	717	1,344	1,286	896	736	253	263	8	5,878
25-26	6	3	29	674	817	1,230	1,179	885	1,020	635	120	39	6,637
26-27	2	0	110	410	861	1,186	1,289	806	679	431	193	50	6,017
27-28	0	18	90	244	652	1,215	1,193	952	768	522	98	64	5,816
28-29	0	2	191	296	697	1,021	1,462	1,229	600	371	249	49	6,167
29-30	0	12	95	377	831	1,141	1,493	745	816	335	136	26	6,007
30-31	2	0	48	410	680	1,092	1,004	792	874	386	255	32	5,575
31-32	0	1	56	225	450	818	987	817	1,029	410	111	0	4,904
32-33	1	0	93	389	867	1,155	851	1,069	798	432	134	9	5,798
33-34	0	0	21	412	765	1,005	1,034	1,153	960	406	58	0	5,814
34-35	0	14	108	244	574	1,208	1,205	941	642	510	288	56	5,790
35-36	0	26	94	346	791	1,297	1,481	1,455	717	521	72	12	6,812
36-37	0	0	58	350	815	967	1,277	1,039	892	465	137	22	6,022
37-38	0	0	115	427	853	1,186	1,205	807	544	377	161	6	5,681
38-39	0	0	81	206	665	1,088	1,019	1,050	749	527	92	18	5,495
39-40	0	0	49	305	715	965	1,602	1,030	903	456	218	2	6,245
40-41	0	12	95	204	804	964	1,136	1,105	919	298	89	4	5,630
41-42	0	3	61	243	660	886	1,221	1,072	716	300	182	34	5,378
42-43	0	8	29	317	706	1,285	1,262	967	923	485	228	25	6,235
43-44	0	1	151	354	860	1,204	1,056	1,031	950	529	131	20	6,287
44-45	0	10	69	338	661	1,328	1,398	991	484	404	312	77	6,072

Heating degree days calculated from mean monthly temperature as opposed to daily accumulated values. Annual totals calculated from these monthly values.

** Data unavailable for this month

M One to nine days missing

HEATING DEGREE DATS

PEORIA, IL

YEAR	HEATING DEGREE DATS												SEASONAL
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
45-46	6	4	102	418	766	1,347	1,170	957	460	343	231	46	5,850
46-47	0	12	76	216	665	988	1,133	1,219	1,005	456	263	48	6,081
47-48	6	0	109	119	895	1,045	1,390	1,087	854	330	180	14	6,029
48-49	0	2	39	387	657	1,034	1,188	1,043	798	422	103	3	5,676
49-50	0	0	160	263	672	976	1,105	1,062	936	613	97	36	5,920
50-51	2	18	62	191	925	1,364	1,254	1,033	931	528	123	24	6,455
51-52	1	2	119	334	944	1,198	1,163	919	892M	390	184	4	6,150M
52-53	0	2	80	514	670	1,005	1,125	896	773	533	172	0	5,770
53-54	0	0	62	231	654	1,045	1,159	766	910	304	247	31	5,409
54-55	0	0	36	344	689	1,046	1,248	1,030	836	190	90	41	5,550
55-56	0	0	41	331	874	1,194	1,208	1,014	801	491	124	26	6,104
56-57	0	6	74	129	747	1,026	1,434	847	824	431	158	9	5,685
57-58	0	0	70	408	758	949	1,233	1,271	868	381	114	35	6,087
58-59	1	11	72	274	652	1,296	1,435	1,057	800	418	103	5	6,124
59-60	1	0	66	421	954	930	1,171	1,183	1,308	374	233	18	6,659
60-61	2	0	53	342	726H	1,278	1,351	922	750	612	277	29	6,342X
61-62	2	5	120	347	752	1,262	1,501	1,088	960	455	63	14	6,569
62-63	4	0	137	341	717	1,279	1,613	1,292	723	367	200	14	6,687
63-64	2	22	64	93	652	1,534	1,118	1,066	891	384	66	17	5,909
64-65	2	8	108	435	637	1,212	1,254	1,058	1,139	416	72	1	6,342
65-66	0	18	100	391	707	914	1,406	1,037	746	502	260	22	6,103
66-67	0	10	106	419	666	1,103	1,151	1,205	766	371	291	7	6,095
67-68	10	30	113	394	841	1,083	1,323	1,192	673	371	229	13	6,272
68-69	5	7	68	377	732	1,150	1,377	962	984	367	172	73	6,274
69-70	0	0	77	443	818	1,211	1,545	1,088	914	402	115	28	6,641
70-71	2	3	84	353	774	1,080	1,418	1,035	906	402	241	0	6,298
71-72	17	5	85	186	728	945	1,402	1,167	866	475	150	42	6,068
72-73	9	19	87	461	855	1,271	1,161	1,005	566	423	216	0	6,073
73-74	0	0	54	253	671	1,237	1,292	991	736	348	214	42	5,838
74-75	0	1	157	354	756	1,081	1,156	1,085	959	534	92	17	6,192
75-76	13	1	171	306	596	1,069	1,404	868	648	351	221	5	5,653
76-77	0	9	106	556	981	1,357	1,747	1,061	623	273	60	17	6,790
77-78	0	6	39	418	734	1,301	1,595	1,383	1,006	405	222	14	7,123
78-79	0	4	49	390	704	1,174	1,722	1,403	833	510	194	10	6,993
79-80	3	19	70	401	804	1,022	1,279	1,300	907	474	123	26	6,428
80-81	0	0	65	470	722	1,112	1,273	1,037	748	295	221	1	5,944
81-82	1	0	60	360	594	1,163	1,520	1,119	839	548	29	28	6,261
82-83	0	13	94	325	697	849	1,133	875	758	537	206	17	5,504
83-84	2	0	92	311	595	1,541	1,371	849	1,038	467	206	1	6,473
84-85	1	1	153	246	734	956	1,489	1,164	656	284	71	38	5,793
85-86	0	6	111	287	774	1,432	1,184	1,156	683	314	92	7	6,046
86-87	0	26	37	305	858	1,048	1,228	814	640	340	53	2	5,351
87-88	0	16	68	520	609	1,001	1,306	1,198	772	409	64	12	5,975
88-89	0	4	38	517	698	1,090	958	1,290	796	442	231	25	6,089
89-90	0	3	134	317	749	1,509	929	871	672	475	226	16	5,901
90-91	8	3	99	409	589	1,148							

Heating degree days calculated from mean monthly temperature as opposed to daily accumulated values. Annual totals calculated from these monthly values.

** Data unavailable for this month

M One to nine days missing

PRECIPITATION

PEORIA, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1901	1.98	1.24	4.31	.81	1.50	4.32	3.97	1.29	2.64	.90	.80	2.26	26.02
1902	.62	1.41	2.71	2.29	2.99	9.50	7.30	7.42	6.86	3.78	1.53	1.54	47.95
1903	.89	1.70	3.66	5.15	4.22	2.39	4.91	7.22	5.78	2.13	.85	.95	39.85
1904	1.87	1.29	4.42	3.48	4.06	2.44	5.58	4.13	6.67	.10	.12	1.33	35.49
1905	1.15	1.45	2.00	3.99	4.53	5.13	4.24	1.36	1.78	2.77	2.45	1.60	32.45
1906	1.70	1.85	2.55	2.77	2.88	3.24	2.48	1.59	4.92	1.00	2.42	1.65	29.05
1907	5.39	.14	2.34	2.82	2.08	3.99	4.89	6.60	2.94	.35	1.68	1.66	34.88
1908	.59	3.98	2.50	4.08	7.76	4.09	3.94	2.78	.82	.71	1.89	.82	33.96
1909	1.55	3.67	1.81	7.17	3.72	3.56	4.57	.79	3.68	3.59	5.53	2.50	42.14
1910	1.97	1.10	.52	3.56	4.49	.78	3.23	.68	3.12	1.69	.79	1.25	23.18
1911	2.37	2.39	2.64	2.69	1.03	6.64	2.58	1.73	12.30	2.65	3.01	2.13	42.16
1912	.35	1.21	2.03	6.88	4.39	1.86	5.04	1.67	3.54	4.03	1.56	1.13	33.69
1913	2.18	3.00	3.46	3.54	1.85	2.50	.46	2.87	2.58	3.11	2.77	.74	29.06
1914	1.93	1.36	1.60	2.10	2.28	2.45	.82	2.40	5.55	2.15	.20	1.81	24.65
1915	1.89	2.71	.67	1.60	11.49	2.08	6.91	4.78	4.88	.55	2.29	1.66	41.51
1916	5.95	.29	2.33	1.60	7.51	2.55	1.14	6.03	3.73	2.93	1.88	1.75	37.69
1917	1.86	.27	2.26	4.54	2.40	7.43	1.92	3.36	3.14	2.23	.07	.63	30.11
1918	1.58	1.64	.91	3.70	3.02	4.69	3.46	5.88	1.67	2.97	3.18	2.80	35.50
1919	.07	2.32	4.52	2.35	3.79	3.96	3.09	4.73	3.48	2.12	2.91	.30	33.64
1920	.93	.27	5.84	6.12	3.03	2.18	1.56	1.87	1.84	1.93	1.22	1.87	28.66
1921	1.39	.29	4.89	6.36	2.13	2.17	3.95	3.86	4.86	2.97	3.43	2.91	39.21
1922	1.69	1.98	5.09	3.62	4.60	.99	3.06	.72	2.71	2.02	3.67	1.38	31.53
1923	1.10	.83	4.08	1.95	5.15	2.09	1.35	2.84	5.28	3.85	1.37	2.21	32.10
1924	1.72	1.64	2.28	2.13	1.91	8.08	5.59	7.15	3.74	1.27	.52	2.40	38.43
1925	.48	1.99	1.58	1.68	1.53	3.15	3.93	4.27	4.99	2.49	2.70	1.12	29.91
1926	1.39	2.42	2.35	2.60	2.18	5.63	5.94	6.79	11.55	2.62	5.41	1.12	50.00
1927	1.76	2.85	4.55	4.87	9.22	5.71	4.94	1.45	5.82	4.20	3.38	2.91	51.66
1928	.36	1.73	.96	2.84	3.21	6.60	4.35	3.62	3.18	3.66	3.97	2.53	37.01
1929	3.98	.58	4.57	4.56	5.03	4.44	5.76	3.02	1.04	3.89	1.72	1.07	39.66
1930	2.81	2.10	1.55	3.58	1.07	2.53	1.02	1.56	1.31	3.14	3.07	.29	24.03
1931	.48	.83	2.50	2.23	5.14	2.29	5.91	2.49	4.92	3.15	5.55	2.26	37.75
1932	2.51	1.40	2.51	1.99	3.61	4.75	3.41	3.14	1.78	3.18	.94	4.46	33.68
1933	1.69	1.33	4.70	3.05	7.97	1.15	1.93	2.66	5.92	2.23	.26	1.18	34.07
1934	1.05	.77	1.76	1.13	.47	2.82	5.44	2.30	6.57	1.97	4.81	1.34	30.43
1935	1.93	2.83	3.32	2.91	8.58	6.62	2.64	.98	3.33	1.59	4.03	1.39	40.15
1936	1.79	1.63	1.80	1.64	1.72	.45	1.24	2.27	10.58	3.35	1.18	3.26	30.91
1937	2.86	2.46	1.02	4.42	3.22	4.87	2.32	1.55	1.14	2.69	1.28	2.06	29.89
1938	4.32	2.21	4.42	3.80	5.72	6.76	6.34	3.01	2.12	.84	1.65	1.43	42.62
1939	3.40	2.88	3.24	5.16	4.48	5.53	4.80	2.38	.85	3.80	1.14	.61	38.27
1940	.84	.86	2.10	3.85	3.55	3.30	.50	3.29	1.16	3.13	1.89	1.67	26.14
1941	3.56	1.01	1.86	4.40	5.64	3.16	1.89	2.07	4.87	10.53	2.02	1.38	42.39
1942	1.22	4.95	2.58	3.51	3.28	4.84	3.88	2.13	3.34	.96	4.72	2.45	37.86
1943	1.84	.99	2.28	5.38	7.35	3.49	2.56	4.63	.88	1.60	1.23	.58	32.81
1944	.57	1.74	5.92	8.32	4.12	2.72	1.73	2.86	4.49	1.23	1.33	.90	35.93
1945	.49	1.24	3.90	5.58	4.90	5.66	.57	1.11	7.36	.74	2.19	2.39	36.13

M One to nine days missing

Monthly amounts of a Trace, an amount too small to measure, were not reported

PRECIPITATION

PEORIA, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1946	2.63	.58	4.22	1.55	5.06	7.41	.79	3.40	2.32	3.88	5.29	1.76	38.89
1947	1.47	.33	2.25	8.66	4.63	7.13	1.64	1.33	2.49	3.57	2.54	3.13	39.17
1948	1.25	1.70	3.94	1.81	2.55	3.25	8.18	.81	1.72	1.18	1.13	2.61	30.13
1949	4.43	1.63	2.57	2.75	1.17	3.25	4.93	1.28	1.62	2.71	.65	6.34	33.33
1950	4.09	2.75	1.73	8.49	1.45	5.90	4.13	1.67	3.49	.61	2.04	.95	37.30
1951	1.58	3.44	3.35	4.09	2.22M	4.04	5.81	3.30	2.50	2.97	2.43	1.16	36.89M
1952	1.51	1.59	4.10	3.88	3.90	5.68	2.44	4.73	1.77	.85	3.09	1.89	35.43
1953	1.28	.77	4.80	2.79M	2.16	3.47	6.32	1.61	2.11	.74	.43	2.33	28.81M
1954	.89	2.68	3.41	5.47	2.59	6.35	3.82	8.56	.93	3.27	2.19	1.80	41.96
1955	2.56	2.44	1.76	3.69	3.54	3.20	.65	4.72	2.62	3.73	.72	.36	29.99
1956	.25	1.11	.54	3.12	5.20	.98	4.67	4.47	.41	.67	2.30	1.90	25.62
1957	1.70	.83	2.63	5.61	7.96	3.04	2.00	1.57	1.21	4.34	2.55	3.55	36.99
1958	1.30	.57	.39	2.65	3.32	4.86	8.42	3.35	3.15	.93	2.02	.49	31.45
1959	1.71	1.84	3.46	2.50	5.09	1.03	2.83	2.25	3.51	3.56	.96	1.89	30.63
1960	1.93	1.98	3.24	3.55	6.33	5.42	3.51	5.32	2.82	1.43	1.57	.53	37.63
1961	.32	1.07	3.26	2.38	2.19	3.39	5.56	1.94	13.09	1.77	2.79	1.69	39.45
1962	1.97	1.23	2.15	.89	5.67	2.11	2.77	1.80	1.29	3.56	1.05	.33	24.82
1963	.56	.48	5.32	4.08	1.24	1.53	3.56	2.99	1.76	1.42	1.94	.78	25.66
1964	1.02	.54	3.76	6.92	1.04	4.22	1.59	2.06	3.63	.03	3.01	1.12	28.94
1965	8.11	.93	3.40	5.58	3.85	1.04	3.31	8.61	8.17	.69	1.22	3.35	48.26
1966	1.49	2.60	1.78	3.98	4.50	2.29	3.66	2.56	3.06	1.80	2.42	3.00	33.14
1967	1.08	1.07	2.33	5.47	2.80	2.03	5.74	2.34	2.72	5.56	2.18	2.63	35.95
1968	1.12	1.55	.93	2.20	4.70	6.16	4.32	1.71	4.83	.58	2.99	2.80	33.89
1969	2.43	.56	1.20	2.94	2.37	4.93	5.55	2.82	3.31	5.67	.79	1.13	33.70
1970	.56	.64	1.60	7.18	3.89	3.92	5.46	3.21	11.49	4.36	1.11	1.30	44.72
1971	.59	1.64	1.09	.71	2.80	.98	5.21	2.19	3.07	1.71	1.43	4.96	26.38
1972	.81	.74	2.48	4.38	1.30	5.97	3.54	4.26	5.21	2.50	2.56	2.48	36.23
1973	1.76	.99	6.95	4.26	4.51	6.46	6.04	.90	7.58	5.18	1.48	4.11	50.22
1974	3.09	1.65	2.69	4.11	6.26	11.69	2.63	.81	1.45	2.07	4.13	1.93	42.51
1975	2.59	2.85	1.73	3.92	5.19	3.90	4.26	5.62	2.74	3.63	2.75	2.04	41.22
1976	.78	2.56	4.25	4.86	5.11	2.92	2.98	2.30	1.78	2.48	.83	.38	31.23
1977	1.22	.95	4.41	1.24	3.54	2.06	3.43	7.28	6.26	4.00	1.77	2.25	38.41
1978	.69	.59	1.56	4.69	7.72	1.96	3.47	1.28	2.32	1.73	2.54	3.54	32.09
1979	2.48	1.37	4.42	4.48	1.96	1.77	4.81	.87	.03	1.70	2.76	2.33	28.98
1980	.59	1.06	2.79	2.78	2.05	8.94	1.43	6.16	4.09	2.41	.67	2.25	35.22
1981	.48	2.41	.92	5.71	5.77	6.22	7.08	5.61	1.31	1.37	1.64	1.24	39.76
1982	2.88	1.13	4.80	5.40	3.15	3.15	7.53	3.97	1.24	1.47	4.95	5.45	45.12
1983	.53	1.01	2.84	7.06	6.66	4.48	1.99	1.09	5.08	3.01	5.58	2.65	41.98
1984	.59	2.28	3.95	5.18	4.84	2.90	5.02	.78	2.38	5.07	3.95	3.82	40.76
1985	.99	2.62	5.77	1.14	3.14	5.11	3.43	3.70	3.43	4.61	7.62	2.24	43.80
1986	.22	1.79	.87	1.39	2.95	6.53	7.00	1.74	6.39	4.64	1.32	2.60	37.44
1987	1.49	.84	1.98	1.84	1.69	3.27	2.90	4.02	1.62	.73	2.88	4.15	27.41
1988	1.99	.71	2.83	1.59	1.68	.60	.33	2.11	2.82	1.08	4.19	2.23	22.16
1989	1.00	1.17	1.14	4.39	2.23	1.28	2.22	2.86	2.87	1.57	.93	.87	22.53
1990	1.73	3.59	3.95	2.32	6.19	7.99	9.18	5.31	1.03	3.17	7.19	3.70	55.35

M One to nine days missing

Monthly amounts of a Trace, an amount too small to measure, were not reported

SNOWFALL

PEORIA, IL

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1900-1901							1.0	10.8	.0	.0	.0	.0	
01-02	.0	.0	.0	.0	.0	3.7	6.3	2.1	.2	.0	.0	.0	12.3
02-03	.0	.0	.0	.0	.0	.6	7.0	4.5	.0	.0	.0	.0	12.1
03-04	.0	.0	.0	.0	.0	4.0	9.9	10.0	5.3	.0	.0	.0	29.2
04-05	.0	.0	.0	.0	.0	.0	10.5	12.3	.3	.5	.0	.0	24.1
05-06	.0	.0	.0	.0	.0	1.5	3.1	.1	13.2	.0	.0	.0	17.9
06-07	.0	.0	.0	.0	.3	.6	8.5	1.4	7.9	.7	.0	.0	19.4
07-08	.0	.0	.0	.0	.0	2.5	3.4	12.3	.0	.0	.0	.0	18.2
08-09	.0	.0	.0	.0	.2	3.8	2.7	5.0	1.4	.0	.0	.0	13.1
09-10	.0	.0	.0	.0	.0	18.0	2.3	2.1	.0	1.7	.0	.0	24.1
10-11	.0	.0	.0	.0	.0	1.6	11.3	7.2	.1	4.0	.0	.0	24.2
11-12	.0	.0	.0	.0	2.7	6.3	2.1	8.5	10.5	4.5	.0	.0	34.6
12-13	.0	.0	.0	.0	.0	.0	7.3	9.5	5.3	.0	.0	.0	22.1
13-14	.0	.0	.0	.1	.0	3.0	8.6	12.2	1.1	.0	.0	.0	25.0
14-15	.0	.0	.0	.0	.0	14.4	8.4	.1	4.1	.0	.0	.0	27.0
15-16	.0	.0	.0	.0	.0	7.2	3.9	3.1	4.0	.0	.0	.0	18.2
16-17	.0	.0	.0	.3	.0	3.9	4.1	1.2	.0	.0	.0	.0	9.5
17-18	.0	.0	.0	.6	.0	7.4	16.9	.4	.2	.0	.0	.0	25.5
18-19	.0	.0	.0	.0	.0	7.0	.3	9.8	4.4	.0	.0	.0	21.5
19-20	.0	.0	.0	.0	.9	1.2	8.5	.2	.3	8.2	.0	.0	19.3
20-21	.0	.0	.0	.0	.5	4.6	3.2	.2	.0	.1	.0	.0	8.6
21-22	.0	.0	.0	.0	4.2	1.2	2.8	.6	1.3	.0	.0	.0	10.1
22-23	.0	.0	.0	.0	2.5	1.9	5.4	1.5	3.7	1.6	.1	.0	16.7
23-24	.0	.0	.0	.0	.0	.6	5.0	5.9	7.9	.4	.0	.0	19.8
24-25	.0	.0	.0	.0	.2	6.6	5.1	1.1	7.3	.0	.0	.0	20.3
25-26	.0	.0	.0	2.8	4.8	3.0	4.8	3.0	17.2	7.4	.0	.0	43.0
26-27	.0	.0	.0	.0	10.7	1.6	15.5	1.3	.3	.1	.0	.0	29.5
27-28	.0	.0	.0	.0	.0	6.5	1.0	1.1	2.5	.1	.0	.0	11.2
28-29	.0	.0	.0	.0	.0	1.3	10.1	4.1	.0	.0	.0	.0	15.5
29-30	.0	.0	.0	3.3	.2	9.5	14.1	.6	5.6	.0	.0	.0	33.3
30-31	.0	.0	.0	.0	3.8	1.2	1.2	.0	10.3	.0	.0	.0	16.5
31-32	.0	.0	.0	.0	.7	4.9	1.6	3.4	5.9	.0	.0	.0	16.5
32-33	.0	.0	.0	.0	5.6	5.9	.6	10.9	4.1	.0	.0	.0	27.1
33-34	.0	.0	.0	.0	.0	1.5	.8	10.8	14.7	.0	.0	.0	27.8
34-35	.0	.0	.0	.0	.0	8.2	.1	1.2	.1	3.0	.0	.0	12.6
35-36	.0	.0	.0	.0	.1	10.9	15.4	7.5	.9	3.0	.0	.0	37.8
36-37	.0	.0	.0	.0	.1	.6	4.7	2.0	1.2	.0	.0	.0	8.6
37-38	.0	.0	.0	.0	4.1	.8	6.3	7.0	.0	6.2	.0	.0	24.4
38-39	.0	.0	.0	.0	.6	.9	15.8	2.9	.0	.0	.0	.0	20.2
39-40	.0	.0	.0	.0	.0	8.0	4.3	8.2	2.3	.0	.0	.0	22.8
40-41	.0	.0	.0	.0	1.2	.3	9.1	3.2	5.1	.0	.0	.0	18.9
41-42	.0	.0	.0	.0	3.5	3.6	3.5	8.9	.7	.0	.0	.0	20.2
42-43	.0	.0	1.0	.0	3.2	9.4	14.3	6.5	7.7	.2	.0	.0	42.3
43-44	.0	.0	.0	.0	.4	3.0	.0	7.5	2.4	.0	.0	.0	13.3
44-45	.0	.0	.0	.0	.3	8.3	7.0	3.0	2.7	.0	.0	.0	21.3

M One to nine days missing

** Data unavailable for this month

SNOWFALL

PEORIA, IL

YEAR	SEASONAL												
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
45-46	.0	.0	.0	.0	.5	7.0	1.8	3.2	9.9	.0	.0	.0	22.4
46-47	.0	.0	.0	.0	.0	5.1	5.1	5.3	6.8	.0	.0	.0	22.3
47-48	.0	.0	.0	.0	3.6	1.8	4.3	4.0	2.9	.0	.0	.0	16.6
48-49	.0	.0	.0	.0	.0	2.0	3.0	3.8	.1	1.2	.0	.0	10.1
49-50	.0	.0	.0	.0	.3	3.6	2.1	10.7	2.0	.0	.0	.0	18.7
50-51	.0	.0	.0	.0	4.8	8.3	4.8	5.4	10.2	2.1	.0	.0	35.6
51-52	.0	.0	.0	.0	8.9	9.8	2.3	6.5	4.8	.0	.0	.0	32.3
52-53	.0	.0	.0	.0	.0	2.4	5.2	.4	3.2	2.6	.0	.0	13.8
53-54	.0	.0	.0	.0	1.8	4.3	.1	2.8	4.3	.0	.0	.0	13.3
54-55	.0	.0	.0	.0	4.0	8.2	12.0	3.1	5.6	.0	.0	.0	32.9
55-56	.0	.0	.0	.0	2.2	2.3	1.8	5.2	4.5	.0	.0	.0	16.0
56-57	.0	.0	.0	.0	2.8	9.1	10.0	.5	8.2	1.6	.0	.0	32.2
57-58	.0	.0	.0	.0	.4	5.4	11.0	1.5	.4	.0	.0	.0	18.7
58-59	.0	.0	.0	.0	1.0	5.0	11.6	2.6	4.2	.0	.0	.0	24.4
59-60	.0	.0	.0	.0	7.0	2.4	3.3	12.0	16.9	.0	.0	.0	41.6
60-61	.0	.0	.0	.0	.3	4.6	3.5	5.3	.7	1.2	.0	.0	15.6
61-62	.0	.0	.0	.0	.7	10.5	10.5	7.5	2.0	1.1	.0	.0	32.3
62-63	.0	.0	.0	.0	.0	2.1	7.0	6.2	.0	.0	.0	.0	15.3
63-64	.0	.0	.0	.0	.4	6.1	4.8	6.2	7.9	.0	.0	.0	25.4
64-65	.0	.0	.0	.0	1.0	7.2	5.5	5.8	13.5	.0	.0	.0	33.0
65-66	.0	.0	.0	.0	.1	4.2	.6	2.0	.8	.0	.1	.0	7.8
66-67	.0	.0	.0	.0	.0	3.8	10.0	3.6	2.7	1.4	.0	.0	21.5
67-68	.0	.0	.0	1.8	2.5	2.2	8.4	1.6	1.1	.0	.0	.0	17.6
68-69	.0	.0	.0	.0	1.5	4.6	4.6	2.2	4.1	.0	.0	.0	17.0
69-70	.0	.0	.0	.0	.6	11.0	7.3	5.9	8.3	4.6	.0	.0	37.7
70-71	.0	.0	.0	.0	.0	3.4	5.4	.6	5.8	.0	.0	.0	15.2
71-72	.0	.0	.0	.0	4.0	.0	10.2	6.2	8.0	.9	.0	.0	29.3
72-73	.0	.0	.0	.3	7.3	4.7	.8	2.7	1.2	.7	.0	.0	17.7
73-74	.0	.0	.0	.0	.1	18.9	6.7	1.9	.9	1.2	.0	.0	29.7
74-75	.0	.0	.0	.0	9.1	6.2	8.8	12.8	3.8	1.6	.0	.0	42.3
75-76	.0	.0	.0	.0	8.1	1.4	8.6	2.5	2.0	.0	.0	.0	22.6
76-77	.0	.0	.0	.0	.4	4.1	16.3	4.1	2.4	1.4	.0	.0	28.7
77-78	.0	.0	.0	.0	6.4	21.7	7.0	7.0	5.0	.0	.0	.0	47.1
78-79	.0	.0	.0	.0	2.6	14.2	24.7	3.6	6.5	.0	.0	.0	51.6
79-80	.0	.0	.0	.0	.8	.1	3.7	11.3	5.3	6.3	.0	.0	27.5
80-81	.0	.0	.0	.0	4.1	3.3	5.9	10.5	.0	.0	.0	.0	23.8
81-82	.0	.0	.0	.0	.1	9.8	11.0	6.1	6.5	13.4	.0	.0	46.9
82-83	.0	.0	.0	.0	.9	2.0	5.6	4.8	5.7	.1	.0	.0	19.1
83-84	.0	.0	.0	.0	3.3	15.9	6.9	4.1	6.0	.0	.0	.0	36.2
84-85	.0	.0	.0	.0	.0	.9	9.8	6.2	.0	.0	.0	.0	16.9
85-86	.0	.0	.0	.0	1.0	6.2	1.3	13.9	.4	.1	.0	.0	22.9
86-87	.0	.0	.0	.0	1.0	.0	18.0	.1	.0	.0	.0	.0	19.1
87-88	.0	.0	.0	.0	.3	9.8	1.9	9.7	1.9	.0	.0	.0	23.6
88-89	.0	.0	.0	.0	.7	4.7	.3	15.2	.0	.9	.0	.0	21.8
89-90	.0	.0	.0	.6	.0	10.5	4.8	6.2	.0	.0	.0	.0	22.1
90-91	.0	.0	.0	.0	.0	3.8							

M One to nine days missing

Trace amounts, an amount too small to measure, were not reported

PEORIA STATION HISTORY

Systematic daily weather observations began in Peoria in 1855, however as with much of the earliest data at other stations, some is no longer extant. Only that from 1901 is still available for Peoria.

The observing site was first under the auspices of the U.S. Army Signal Corps, followed by the U. S. Weather Bureau and finally, the National Weather Service (NWS). The Peoria observing site is one of five so-called First Order Stations of the National Weather Service in Illinois, including Chicago O'Hare, Rockford, Moline and Springfield, all located at a major airports and therefore in service 24 hrs a day. The parameters measured are more extensive than those from a NWS Coop station, including hourly (more often if warranted) cloud amount, height of cloud bases, visibility, obstructions to visibility (if any), pressure, temperature, humidity, wind and snow on the ground. Hourly and daily accumulations and types of precipitation are also measured.

The National Weather Service supports daily observations from some 200 Second Order Stations in Illinois, where daily maximum and minimum temperature, precipitation, snowfall and snow on the ground are recorded. Peoria data, as well as climatological data and information from other sites are available from either:

Illinois State Water Survey
ATTN: STATE CLIMATOLOGIST
2204 Griffith Dr.
Champaign IL 61820
217-333-2210

National Climatic Data Center
Federal Building
Asheville NC 28801
704-259-0682