

SWS Miscellaneous Publication 98-2

STATE OF ILLINOIS

DEPARTMENT OF ENERGY AND NATURAL RESOURCES

Local Climatological (Data Summary)
Anna, Illinois
1901 -1989

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LOCAL CLIMATOLOGICAL DATA FOR

ANNA ILLINOIS 1884-1989

Climatological summary:

Anna (Union 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 60% during the day and 85% at night. During these months, there are occasional, brief interruptions of drier, cooler air from the Pacific Ocean, but typically only last for a few days. From November through March, the Anna area is dominated by Pacific Ocean air. Three or four times each winter, cold, dry air from the Canadian Arctic breaks south, bringing temperatures into the teens and even units. Average annual precipitation is about 45 inches, the highest for the state.

Summer day temperatures in southern Illinois are usually in the 80s or 90s, with nighttime lows about 18°F lower. Humidities are relatively high, and comfort is impaired. Each summer month generally supports some 4 inches of rainfall, mostly in showers and thunderstorms, occasionally accompanied by hail or a tornado. Summers begin several weeks earlier and end later in southern Illinois than in the north. Summer winds are usually out of the southwest.

Winters in southern Illinois are substantially more mild than those in the north. First, even Arctic air is some 10°F warmer by the time it reaches the southern counties. Average January highs are near 40°F with lows in the low 20s. Ground frost is an on-again, off-again phenomenon in the southern half of the state, whereas in northern counties it forms in November or December and continues until March or April. Average annual snowfall is about 15 inches. Although Anna has experienced heavy snowstorms, snowfalls of 6 inches or more are not expected more than about once every third year. The greatest snowfall event in Anna was the 20 inches received on 24-25 February 1979. It is unusual for snowcover to continue in southern Illinois for more than a week or so, however, there have been 5 times from December 1969 to 1985 when at least 1 inch persisted on the ground for at least 30 continuous days. The longest duration of continuous 1 inch snow on the ground at Anna is 60 days in early 1978!

LATITUDE N37 28
 LONGITUDE W89 14

CLIMATOLOGICAL SUMMARY
 MEANS AND EXTREMES FOR PERIOD 1901-1988

ANNA, ILLINOIS
 ELEVATION 640

MONTH	TEMPERATURE (°F)														DEGREE DAYS					PRECIPITATION (inches)											
	Means				Extremes				Mean Number of Days						Heating Req 65	Cooling Req 65	Growing Req 50	Liquid					Snow								
	Daily Max	Daily Min	Monthly	Record High	Year	Day	Record Low	Year	Day	>=80	<=32	<=32	<=60	Mean Monthly				Greatest Monthly	Year	Day	Greatest Daily	Year	Day	Mean	Greatest Monthly	Year	Day	Greatest Depth	Year	Day	
JAN	41.3	23.4	32.4	76	1909 ¹	23	-20	1915	12	0	8	24	2	1101	0	11	3.05	13.27	1982	4.22	1950	4	5.0	22.1	1976	18.0	1918 ⁷	14	6	2	1
FEB	46.3	26.9	36.6	78	1917 ²	26	-13	1905	13	0	4	19	0	795	0	16	3.22	7.20	1956	4.04	1945	26	4.0	23.6	1979	20.0	1979	25	5	2	1
MAR	55.9	35.4	45.7	91	1910	23	0	1949 ³	9	0	1	3	0	607	9	76	5.06	11.20	1964	5.40	1964	9	3.2	16.7	1960	14.0	1960	11	7	3	1
APR	68.5	46.8	57.6	92	1915	2	22	1936	3	0	0	2	0	239	17	268	4.49	12.01	1983	3.63	1948	12	0.2	2.0	1971	2.0	1904	20	7	3	1
MAY	77.5	55.2	66.4	98	1911	26	31	1905 ⁶	1	1	0	0	0	78	121	515	4.82	13.80	1957	4.75	1973	27	.0	.0	.0	.0	.0	.0	.0	.0	
JUN	86.0	63.3	74.7	105	1936 ³	20	42	1903	13	10	0	0	0	5	296	748	3.97	8.87	1963	4.86	1963	28	.0	.0	.0	.0	.0	.0	.0	.0	
JUL	89.2	67.2	78.2	112	1901	22	46	1947	23	16	0	0	0	0	409	682	4.11	13.57	1956	6.15	1909	27	.0	.0	.0	.0	.0	.0	.0	.0	
AUG	87.9	65.4	76.7	110	1930	9	45	1915 ⁷	31	13	0	0	0	0	361	834	3.67	12.77	1985	4.45	1959	17	.0	.0	.0	.0	.0	.0	.0	.0	
SEP	81.7	56.7	70.2	107	1925	6	33	1942	28	5	0	0	0	26	182	613	3.25	11.65	1965	4.04	1965	11	.0	.0	.0	.0	.0	.0	.0	.0	
OCT	71.1	46.9	59.0	95	1910	1	20	1981	24	0	0	2	0	219	33	303	2.37	8.43	1974	5.10	1910	4	.0	.0	.0	.0	.0	.0	.0	.0	
NOV	56.5	36.6	46.6	83	1902 ⁴	10	-5	1950	25	0	0	11	0	552	0	83	3.84	8.82	1957	5.05	1934	21	1.1	7.0	1958	7.0	1956	28	6	2	1
DEC	45.3	28.2	36.8	76	1963	2	-10	1901 ⁸	20	0	3	21	0	874	0	16	3.77	13.01	1962	5.15	1918	13	2.2	9.9	1973	12.0	1917 ¹⁰	8	6	3	1
YEAR	67.3	46.2				56.8				43	16	93	2	4406	1430	4365	45.64						15.7								

- 1 Also 1/24/83
- 2 Also 2/28/18 2/10/32
- 3 Also 6/30/52
- 4 Also 11/4/87
- 5 Also 3/5/60
- 6 Also 5/4/54
- 7 Also 8/30/46
- 8 Also 12/9/17 and 12/25/83
- 9 Also 1/15/18
- 10 Also 12/9/17 and 12/11/17

*Calendar Day
 Means based on 1951-1980 data
 Extremes based on 1901-1988 data

FREEZE DATA

PROBABILITY OF LATER DATE IN SPRING (THRU JULY 31) THAN INDICATED!*)

TEMP (F)	90	80	70	60	50	40	30	20	10
		4/04	4/10	4/14	4/17	4/21	4/24	4/27	5/02

PROBABILITY OF EARLIER DATE IN FALL (BEGINNING AUG 11) THAN INDICATED!*)

TEMP (F)	10	20	30	40	50	60	70	80	90
		10/03	10/08	10/11	10/14	10/17	10/18	10/22	10/26

PROBABILITY OF LONGER THAN INDICATED FREEZE FREEZE PERIODS (DAYS)*)

TEMP (F)	10	20	30	40	50	60	70	80	90
		202	194	188	183	178	174	169	163

(*)PROBABILITY OF OBSERVING A TEMPERATURE AS COLO. OR COLDER, LATER IN THE SPRING OR EARLIER IN THE FALL THAN THE INDICATED DATE. 0/00 INDICATES THAT THE PROBABILITY OF OCCURRENCE OF THRESHOLD TEMPERATURE IS LESS THAN INDICATED PROBABILITY.

PROBABILITY THAT THE MONTHLY PRECIPITATION WILL BE EQUAL TO OR LESS THAN THE INDICATED PRECIPITATION AMOUNT

PROBABILITY LEVELS	MONTHLY PRECIPITATION (INCHES)											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
.05	.94	.90	1.44	1.65	1.57	1.37	.76	.82	.58	.31	.96	.91
.10	1.23	1.21	1.93	2.07	2.03	1.75	1.12	1.16	.87	.50	1.32	1.27
.20	1.67	1.67	2.65	2.68	2.70	2.29	1.73	1.70	1.35	.83	1.88	1.82
.30	2.04	2.07	3.29	3.19	3.28	2.75	2.28	2.18	1.79	1.16	2.37	2.31
.40	2.40	2.47	3.91	3.67	3.83	3.20	2.85	2.67	2.25	1.51	2.86	2.79
.50	2.77	2.88	4.55	4.16	4.40	3.65	3.46	3.18	2.74	1.90	3.38	3.31
.60	3.18	3.33	5.27	4.70	5.02	4.15	4.16	3.76	3.29	2.35	3.96	3.89
.70	3.66	3.87	6.11	5.32	5.76	4.72	5.00	4.46	3.97	2.90	4.64	4.57
.80	4.28	4.57	7.20	6.11	6.70	5.46	6.12	5.37	4.87	3.65	5.54	5.47
.90	5.25	5.66	8.92	7.33	8.16	6.61	7.93	6.83	6.32	4.87	6.96	6.89
.95	6.14	6.68	10.51	8.45	9.51	7.66	9.64	8.20	7.70	6.06	8.29	8.22

THESE VALUES WERE DETERMINED FROM THE INCOMPLETE GAMMA DISTRIBUTION.

AVERAGE MAXIMUM TEMPERATURE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	48.3	43.3	57.5	64.3	78.2	92.2	100.0	90.9	86.2	77.0	58.6	39.6	69.8
1902	43.2	35.3	58.4	68.9	84.3	87.4	93.4	89.7	78.9	75.3	62.2	44.7	68.7
1903	43.3	45.9	60.0	68.7	78.4	80.5	91.5	89.3	86.7	71.5	54.4	42.6	67.9
1904	41.7	43.7	58.3	63.5	76.1	83.6	87.4	86.8	83.9	72.5	59.2	46.5	67.0
1905	34.9	36.2	64.0	69.6	79.8	88.3	86.1	88.8	82.7	69.8	61.1	44.4	67.3
1906	48.7	45.6	44.3	72.8	79.4	84.9	87.1	88.3	84.0	69.4	56.5	46.2	67.4
1907	49.5	47.0	67.1	61.1	72.3	83.8	91.9	87.8	83.4	71.5	57.0	46.6	68.4
1908	45.6	46.3	64.1	86.9	79.5	86.2	90.3	89.9	89.4	75.4	66.5	53.2	71.5
1909	45.8	54.6	59.5	71.5	77.3	88.7	90.2	93.8	83.3	73.6	69.4	39.0	70.6
1910	45.3	45.8	73.7	69.5	75.2	84.5	89.2	89.1	86.8	76.4	58.9	44.0	70.0
1911	51.4	53.0	64.3	67.4	84.0	91.1	92.1	87.7	87.4	71.4	54.5	49.0	71.3
1912	34.2	40.8	49.5	70.1	79.3	79.2*	88.7	88.6	86.0	75.4	59.4	48.7	66.7**
1913	49.9	45.6	57.5	68.1	80.6	92.4	94.2	95.8	83.6	70.6	66.0	51.0	71.4
1914	50.5	42.9	52.2*	66.9	80.9	92.6	95.5	88.8	81.3	71.1	62.1	38.5	68.6**
1915	40.3	48.1	48.3	72.0	76.7*	83.5	87.7	80.3	83.2	73.5	63.1	46.3	66.9**
1916	47.8	45.6	57.2	66.3	80.7	81.8	93.9	89.7	81.2	73.5	61.1	46.5	68.7
1917	48.0	47.6	59.7	68.8	72.7	83.4	87.9	86.4	83.1	65.7	59.3	37.9	66.8
1918	29.3	51.5	68.4	64.6	80.5	90.0	90.6	93.7	74.9	73.2	55.3	53.0*	68.8**
1919	48.5	49.0	60.3	70.0	72.9	87.5	93.5	89.1	85.4	73.2	56.6	43.6	69.2
1920	41.6	46.6	56.3	65.2	75.6	85.2	89.4	85.9	84.2	76.8	55.6	47.6	67.6
1921	49.4	50.9	67.9	69.1	79.2	89.4	94.8	86.6	85.7	71.5	61.0	50.3	71.4
1922	41.5	49.4	57.3	71.4	79.1	89.3	88.3	89.4	85.6	75.0	60.4	49.6	69.8
1923	50.7	43.4	56.6	68.4	74.0	84.9	92.1	88.4	80.1	68.5	59.3	56.8	68.7
1924	38.8	45.6	50.1	71.5	71.6	84.6	86.3	89.5	77.6	81.0	59.9	44.5	66.8
1925	45.2	54.1	64.2	76.6	75.4*	89.2*	89.0*	93.5	88.8	63.4	55.9	43.6*	69.9**
1926	42.9	51.8	52.2	62.0	79.2	86.0	92.8	87.0	82.4	68.8	52.0	44.2	67.0
1927	41.6	54.7	56.0	67.6	74.0	80.4	87.0	82.1	84.2	72.7	60.4*	44.4	67.1**
1928	42.7	46.1	57.6	63.4	76.0	78.3	89.2	87.0	78.3	72.3	55.5	48.0	66.3
1929	41.4	38.3	61.5	70.5	73.5	83.2	88.7	85.3	79.4	68.1	51.9	46.3	65.8
1930	36.0	55.1	54.0	70.4	76.2	86.0*	94.8	89.8*	83.0	67.2	55.1	42.5	67.5**
1931	44.4	49.1	48.5	67.5	72.4	88.7	92.4	86.3	88.2	75.0	64.0	53.4	69.2
1932	50.3	56.2	51.0	69.0	77.1	87.7	90.6*	88.7	79.4	68.7	50.0	43.4	67.7**
1933	53.0	45.8	55.1	66.2	77.5	90.9	89.5	88.1	88.7	70.1	57.9	53.0	69.8
1934	46.5	43.4	56.0	69.6	81.9	91.7	96.2	88.8	77.7	74.5	62.4	43.1	69.5
1935	45.3	50.5	64.4	63.9	73.3	80.5	90.5	88.5	82.5	72.6	54.5	38.7	67.2
1936	37.0	38.4	64.4	64.5	82.0	92.1	96.2	97.6	84.8	68.6	53.8	48.6	69.1
1937	45.2	45.1	53.6	66.7	78.3	86.3	88.3	92.3	81.0	66.9	53.0	40.8	66.6
1938	43.3	54.4	64.5	70.0	77.0	82.6	89.5	90.5	83.7	77.9	60.1	47.6	70.2
1939	50.9	48.6	63.3	66.0	79.6	86.6	90.2	86.6	88.1	72.5	54.8	50.2	69.9
1940	29.5	43.3	55.8	66.3	74.6	83.4	85.9	85.4	81.0	75.1	54.4	50.7	65.5
1941	44.3	42.6	53.0	71.6	80.2	86.4	90.4	88.9	82.4	72.3	55.4	48.6	68.1
1942	42.4	42.1	60.9	69.9	74.8	82.5	86.8	82.3	76.7	68.4	58.8	41.5	65.7
1943	47.5	53.6	52.6	68.1	75.2	86.0	89.4	88.8	75.5	68.2	56.5	43.5	67.1
1944	47.1	52.5	56.4	66.9	79.3	87.8	89.8	86.5	79.2	71.5	56.3	39.1	67.7
1945	39.9	47.5	65.8	68.3	71.2	79.4	86.4	85.6	80.1	67.6	57.4	38.6	65.8
1946	44.7	52.9	66.9	71.9	71.9	85.6	88.3	81.7	80.6	74.2	60.5	52.0	69.3
1947	46.0	40.4	48.9	67.3	74.8	82.8	85.0	94.5	82.9	77.5	50.9	48.5	66.8
1948	35.7	45.7	57.1	72.1	75.4	85.9	88.3	89.3	81.4	69.1	58.6	48.3	67.3
1949	46.1	50.9	55.6	65.8	79.2	85.0	88.5	87.9	76.9	71.8	60.0	51.1	68.4
1950	50.8	48.3	54.2	64.1	77.5	84.4	85.4	81.8	76.3	76.4	51.6	41.3	66.0
1951	44.0	46.9	54.3M	62.7M	79.7M	83.0M	87.5	89.5	78.6M	72.1	49.0	46.7	66.2M
1952	48.8	52.2	55.6	66.6M	77.8	94.1	92.6	89.0	82.7	69.0M	57.7	46.1	69.4M
1953	46.2	52.6	61.0M	64.1	77.5	92.2	91.8	91.4	88.7	77.0	59.8	47.2	70.8M
1954	45.0	58.7M	56.5	74.4	72.9M	88.0	92.7M	90.7M	87.5	89.8	58.8M	45.8	70.1M
1955	45.4	48.5	58.8	73.7	78.7	81.2	91.1M	90.7	88.3	70.5M	55.9	44.3	68.9M
1956	41.8	49.1	58.5M	67.4	78.5	86.0M	88.6M	89.8M	82.8	76.7M	57.2	50.9M	68.9M
1957	38.2	50.2M	54.4	69.9M	76.8M	84.8	88.4	87.6M	80.5M	68.2M	55.1	52.2	67.2M
1958	41.1	38.4	47.2	68.0	78.5M	83.1	85.7M	87.0	80.2M	71.7M	62.3	42.5	65.5M
1959	42.2	47.8	59.3	69.7	81.3	85.7	89.2	89.0	83.0	70.9M	52.2	49.1M	68.3M
1960	44.1	42.4	41.5	72.6	75.6M	85.8M	87.8	89.2M	87.3M	71.6	57.7	40.1	66.3M
1961	41.8	52.1M	58.6	62.4	73.5	83.9	87.3M	86.2	84.7	73.4	55.9	43.5	66.9M
1962	40.3	50.9M	51.9	65.1	86.1	85.6	90.4	90.1	77.1	72.2	55.6M	43.3	67.4M
1963	37.7	43.0	63.1	71.1	77.5M	88.2	88.1	87.4	83.9	82.2	60.0	35.5	68.1M
1964	46.4M	45.8	57.5	71.1	80.7M	88.4	90.0M	89.1	81.5	70.7	61.3	44.2	68.9M
1965	45.5	47.7	47.1	71.8	82.2	85.5M	88.4	87.9	79.7	70.4M	62.4	52.5	68.4M
1966	37.0	42.9	58.9	63.3M	76.3	86.5	92.5	85.3	78.3	67.9M	58.5	44.8	66.0M
1967	47.5	44.9	62.6	72.0M	75.0	85.7M	85.3	83.9M	78.3	70.8	52.6	46.5	67.1M
1968	39.7	41.0	58.4M	70.7M	74.1	88.0	89.3	88.5	80.7	69.5	53.8	43.5	66.4M
1969	41.3	44.0	50.6M	68.2M	79.0	86.5	90.7	88.2	81.0M	69.5M	53.8	40.3	66.1M
1970	37.0	44.5	50.0M	69.6	80.6	83.1M	88.2	87.6	84.2	68.5	54.8	48.7	66.4M
1971	39.4M	45.4	53.6	70.0M	74.8	89.3M	85.9	85.5	82.2	76.1	58.0	52.7	67.7M
1972	44.2	47.6	57.5	67.3	78.0	86.6	85.9	85.4M	79.9M	65.8	48.7M	41.0	65.7M
1973	42.2	45.5	62.3	62.8	72.3M	85.9	89.3	86.4	80.2	73.0M	60.0	42.5	66.9M
1974	42.9	49.9	61.3	68.3	76.3	80.0	91.4	85.3M	72.2	70.5M	56.3	44.6	66.6M
1975	46.4	44.9	50.9	66.1	78.4	85.3	87.3M	85.0	75.1M	72.8	59.7	44.8	66.4M
1976	40.9	56.5	63.5	70.0	73.4M	81.7	87.5	85.1	81.0	64.0M	50.6	44.5	66.6M
1977	28.6	47.3	63.3	73.5	81.9	86.4	89.8M	86.2	81.0M	67.0M	55.3	43.0	66.9M
1978	32.3	32.2M	50.0	69.0	75.6	85.9	90.0	89.0	83.2	69.6	59.2	44.8	65.1M
1979	30.3	36.6	56.0	65.2M	74.5M	85.4M	86.5M	85.8M	80.4	71.2	55.6	47.5	64.6M
1980	41.7	39.8M	51.5	67.2M	78.6M	87.8	95.3	95.4	86.6	68.9	55.8	46.7	67.9M
1981	42.0	51.1	58.6	74.6	71.4M	85.7	88.9	86.1	79.2	67.9	60.2	43.1	67.4M
1982	37.0	44.6	61.6	63.8	82.4	82.9	88.9	86.9	78.6	71.0	56.6	51.8	67.2
1983	41.2	49.5	56.0	60.6	75.4	85.5	92.7	96.0	84.7	71.7	58.9	32.6	67.1
1984	37.0	52.0	51.2	65.9	74.8	88.9	88.5	88.3	78.8	71.3	56.2	53.1	67.2
1985	32.4	41.4	60.9	71.2	79.3	83.6	90.0	84.9	79.7	71.5	61.3M	40.0	66.4M
1986	46.8	48.0M	62.3	72.2	79.3	87.8	92.1	85.4	83.1	69.4	51.8	44.2	68.5M
1987	41.6	50.0	62.0	71.1	83.8	87.9	89.6	91.5	84.6	66.1	60.9	47.7	69.7
1988	39.4	45.2	57.8	71.3	81.1	90.1	89.5	90.9	80.4	65.0	58.1	48.3	68.1
1989	50.7	40.0	57.4	69.6	75.8	82.7							

* Cairo data used, Anna data missing. **Annual average calculated from Anna data and Cairo data.
M One or more days of record missing; if average value is entered, less than 10 days record is missing.

AVERAGE MINIMUM TEMPERATURE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	28.8	21.8	35.7	41.4	51.4	64.8	70.5	65.0	57.3	46.5	33.1	22.7	45.0
1902	24.5	18.0	39.0	43.4	60.6	64.0	67.4	65.0	55.3	49.4	44.6	28.0	46.8
1903	26.3	26.5	41.0	44.9	57.3	57.1	67.9	66.2	55.9	47.4	32.6	23.3	45.7
1904	20.3	24.8	37.3	40.8	54.5	62.3	64.6	63.4	60.0	44.8	35.9	28.1	44.8
1905	18.8	17.8	41.3	46.5	58.8	66.3	65.6	67.1	61.7	46.5	36.5	28.6	46.4
1906	29.7	24.0	30.6	48.9	54.7	63.5	65.3	66.6	64.4	46.2	34.0	30.8	46.6
1907	30.2	26.2	45.1	38.1	49.5	60.3	67.7	67.2	57.7	45.0	34.2	30.5	46.1
1908	25.7	27.6	41.5	46.3	57.1	64.3	65.4	65.4	59.2	42.8	40.3	29.9	47.1
1909	25.9	32.2	35.6	45.0	53.3	65.7	67.6	67.9	57.2	44.3	45.9	21.5	46.9
1910	26.0	21.7	44.8	45.5	52.0	60.2	68.6	64.3	61.7	49.0	31.8	24.0	46.0
1911	30.2	32.4	36.1	46.9	58.8	65.9	65.5	65.6	64.9	49.7	31.5	32.7	48.5
1912	14.6	21.4	30.2	48.4	56.3	63.8*	68.1	64.2	59.9	48.3	35.8M	27.4	44.9M**
1913	27.9	24.3	34.2	45.5	55.2	63.4	68.0	68.6	59.5	45.7	43.8	33.1	47.5
1914	32.0	23.4	37.0*	47.0	56.9	69.3	70.8	68.8	61.3	50.7	39.9	25.5	48.6**
1915	24.8	33.9	31.0	51.9	59.2*	62.8	67.0	62.9	62.8	51.3	42.0	29.5	48.3**
1916	28.2	26.9	35.3	45.7	59.0	62.4	71.2	69.4	59.6	49.5	39.9	26.3	47.9
1917	28.3	23.3	37.7	46.4	50.2	62.2	66.6	64.9	59.3	40.5	38.6	18.7	44.8
1918	10.8	28.0	41.3	44.0	60.3	66.7	66.3	71.7	54.1	53.2	38.9	38.5*	47.8**
1919	29.8	29.6	38.3	48.7	54.9	67.1	71.3	66.0	62.6	54.6	37.0	24.0	48.8
1920	23.7	28.5	36.3	43.1	57.0	63.4	66.6	64.8	62.1	52.4	35.8	31.8	47.2
1921	32.4	33.1	45.3	47.6	57.8	68.6	71.2	66.9	66.1	47.1	39.9	32.3	50.8
1922	24.6	31.0	39.8	49.6	59.6	67.0	69.2	66.6	62.1	51.9	40.1	30.7	49.4
1923	33.3	25.2	33.5	45.7	54.7	65.6	69.2	68.4	61.5	45.5	39.3	38.6	48.5
1924	20.3	28.2	33.8	48.0	50.3	65.2	64.4	67.3	56.3	53.7	39.4	25.1	46.1
1925	27.7	34.6	39.2	52.6	54.1*	71.1*	71.1*	64.7M	69.1*	46.6*	35.0M	28.1*	49.5M**
1926	27.0	33.0	32.4	39.9	55.3	60.2	68.6	67.9	62.6	48.7	32.6	29.3	46.6
1927	24.5	34.8	38.0	49.2	56.2	60.9	63.5	59.9	62.0	48.4	43.4*	23.5	47.0**
1928	24.3	28.5	34.9	42.0	55.0	60.5	68.7	67.7	54.6	52.1	38.6	30.2	46.5
1929	21.5	20.5	42.5	50.1	53.4	62.2	68.1	63.0	58.0	48.0	34.6	30.2	46.1
1930	18.7	37.5	34.6	50.9	56.5	66.2*	71.7	69.0*	62.7	47.4	39.0	28.7	48.6**
1931	29.5	34.4	33.9	46.9	52.4	66.8	69.5	66.3	65.8	52.6	47.0	39.6	50.5
1932	33.8	37.3	31.7	48.3	56.3	66.5	72.4*	67.8	60.6	47.1	32.8	27.4	48.5**
1933	34.9	26.7	36.8	46.5	59.7	68.4	69.0	65.5	67.3	47.1	36.5	33.0	49.4
1934	28.9	22.8	31.9	47.5	58.6	67.5	71.9	68.0	57.5	51.4	40.7	27.6	48.0
1935	28.1	31.6	44.1	45.2	53.7	61.0	68.8	68.0	58.3	49.7	37.2	22.7	47.5
1936	19.6	19.4	40.6	40.9	57.6	64.4	71.5	72.7	65.0	48.8	32.6	32.0	47.2
1937	28.0	27.6	32.7	45.3	55.8	65.5	66.3	70.0	58.0	45.7	34.9	26.7	46.5
1938	26.3	36.5	43.6	48.4	56.3	62.0	68.1	69.1	60.1	50.6	36.3	28.1	48.8
1939	31.9	26.2	38.1	44.1	56.1	65.1	68.0	65.0	63.5	49.3	34.6	29.2	47.7
1940	10.3	27.4	35.2	45.1	50.8	63.1	66.0	66.4	57.7	50.6	35.5	32.9	45.1
1941	28.7	25.2	31.0	50.3	58.3	65.2	68.7	67.9	61.7	54.7	36.9	33.1	48.6
1942	22.7	26.7	37.0	47.5	54.5	64.6	67.9	65.1	57.9	48.6	41.4	28.2	47.0
1943	27.5	30.0	32.0	45.9	57.5	68.0	69.6	68.8	56.6	47.5	34.8	27.0	47.2
1944	29.6	32.5	34.5	46.0	60.2	67.5	65.7	67.1	60.3	48.4	39.8	23.7	48.0
1945	23.8	29.2	45.6	48.8	52.2	62.2	65.8	64.7	61.1	46.3	38.7	22.0	46.8
1946	26.9	31.2	46.0	48.8	52.6	63.5	65.6	61.6	56.4	47.5	40.1	32.2	47.8
1947	29.8	20.1	28.5	45.9	51.4	63.6	62.2	70.5	57.9	53.5	34.3	29.2	45.7
1948	17.4	27.3	36.9	49.3	52.9	62.3	66.3	62.6	58.3	43.0	38.6	32.0	45.6
1949	29.7	29.3	34.3	44.8	55.4	65.2	69.6	64.0	51.8	50.5	35.9	31.3	47.0
1950	32.3	30.5	32.6	42.2	57.1	62.8	63.2	61.6	58.0	52.0	29.5	22.1	45.2
1951	26.6	28.7M	34.5M	42.2M	53.2M	62.4M	66.8	65.1	55.7M	48.3	30.5	29.6	45.3M
1952	31.3	33.0	34.9	44.5M	55.4M	68.4	67.6	65.0M	54.9	39.6	37.4	31.3	46.9M
1953	31.4	31.0	38.3M	43.7	57.0M	68.7	67.4	64.0	56.9	48.1	35.0	26.6M	47.3M
1954	26.1	34.5M	33.8	51.5M	50.4	65.0	69.0M	68.4M	59.8	48.7	36.0M	29.6	47.7M
1955	26.6	28.4	37.0	51.2	57.1	58.3	70.2M	66.1	59.9	45.9M	32.9	25.1	46.6M
1956	22.4	31.8	35.6M	43.6	57.3	62.9M	66.6M	66.1M	56.3	51.8M	35.7	35.8M	47.2M
1957	22.9	34.4M	36.4	49.5	56.3M	65.0	66.1	65.1M	58.8M	45.5	37.0	33.8M	47.7M
1958	25.6	19.3	33.0	47.2	56.6M	61.7	68.4M	66.6M	59.8M	47.4M	38.0M	23.8	45.6M
1959	22.2	28.4	35.8	47.0	60.1	63.9	66.4	68.6	59.5	47.9M	31.6	33.5M	47.1M
1960	29.9M	26.7	24.1	47.9M	52.0M	62.7M	65.6	66.9M	61.5M	49.3	36.5M	23.5	45.6M
1961	21.5M	31.9M	39.9	41.8	50.9	60.7	65.6M	64.6	60.7	47.5	36.9	27.8M	45.8M
1962	20.6	30.5M	33.1M	43.7	62.5	64.0M	67.4	65.2	58.0	52.3	37.4M	24.7	46.6M
1963	16.4	20.5	40.5	49.5	54.1M	63.5	65.5	64.0	56.3	51.8	37.7	15.5	44.6M
1964	24.7M	25.6	34.7	50.7	56.8M	65.3	66.4M	64.4	57.5	43.0	39.4	27.4	46.3M
1965	26.1	24.9	28.4	48.9	58.9	63.1M	65.6	63.9	59.9	45.4	40.2	34.3	46.6M
1966	20.4M	26.6	37.3	45.7M	52.4	61.4	69.4	62.9	55.6	42.6M	38.0	28.0	45.0M
1967	27.5	22.5	40.3	49.9M	53.3	62.9M	63.5	59.4M	54.4	45.8	33.9	29.4	45.2M
1968	22.0	22.0	34.5M	46.2	52.6	64.1	66.1	66.9	56.4	45.8	39.0	26.5	45.2M
1969	23.8	29.6	28.3M	46.6M	54.5	63.8	70.3	64.1	57.8	46.4M	33.1	26.7	45.4M
1970	16.9	25.0	33.2M	48.6	57.6	62.6M	65.5	67.4	63.5	48.5M	35.6	30.8	46.3M
1971	21.7M	26.1	31.9	43.9M	51.6	67.0M	65.4	64.0	61.8	53.7	37.4	36.0	46.7M
1972	23.4	26.2	36.3	46.4	55.5	60.3	64.7	65.2M	62.4M	46.5	35.5M	26.3	45.7M
1973	25.6	26.1	43.0	46.2	50.9M	64.5	68.2	65.1	62.8	51.8M	41.7	27.5	47.8M
1974	28.9M	29.6	39.9	48.0	57.6	58.4	68.0	65.0M	54.4	44.8M	39.4	29.8	47.0M
1975	29.0	27.6	32.6	45.6M	57.7	64.1	66.2M	67.2	55.9M	48.5	40.0	30.6	47.1M
1976	22.7	34.6	42.2	46.8	51.0M	61.6	66.4	62.4	55.5	40.6M	29.3	22.8	44.7M
1977	10.1	26.1	40.6	50.0	58.2	64.2	69.5M	67.8	63.0M	44.7M	40.7M	25.2	46.7M
1978	15.0	17.0M	32.8	47.5	55.5	63.9	67.7	66.1	62.0M	43.6	40.4	27.1	44.9M
1979	14.2	17.0	36.7	45.0M	53.0M	62.8M	68.4M	65.3M	57.1	47.0	35.5	29.7	44.3M
1980	26.7	22.0	32.4	44.1M	55.7M	62.7	70.2	69.3	61.4	43.0	36.4	28.3	46.0M
1981	22.3	28.0	35.5	52.6	51.2M	66.1	68.1	65.3	56.0	45.5	40.6	27.0	46.5M
1982	17.1	23.1	38.8	41.2	58.2	60.4	68.1	63.6	56.8	46.7	37.4	35.7	45.6
1983	27.2	30.0	37.4	41.7	54.0	61.1	68.7	69.5	57.9	49.5	39.3	17.4	46.1
1984	20.0	30.2	32.3	44.6	51.5	65.9	64.7	65.6	56.3	53.5	35.7	34.3	46.2
1985	15.6	23.0	39.3	48.9	55.9	62.2	66.9	65.4	57.7	51.6	40.9M	21.1	45.7M
1986	23.7	31.4	36.1	48.5	57.5	66.0	69.7	62.7	62.6	48.7	37.4	28.8	47.8
1987	25.1	31.4	38.2	44.5	59.9	65.5	67.3	67.2	58.3	41.5M	40.7	31.9	47.6M
1988	22.6	23.4M	35.9	45.5	53.5	62.4	68.5	68.6	58.8	41.9	36.9	27.9	45.5M
1989	31.1	22.8	35.5	45.9	53.0	63.0							

* Cairo data used, Ann data missing. **Annual average made from Anna data and Cairo data.

M One or more days of record missing; if average value is entered, less than 10 days record is missing.

AVERAGE TEMPERATURE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	38.6	32.6	46.6	52.9	64.8	78.5	85.3	78.0	71.8	61.8	45.9	31.2	57.3
1902	33.9	26.7	48.7	56.2	72.5	75.7	80.4	77.4	67.1	62.4	53.4	36.4	57.6
1903	34.9	36.2	50.5	58.6	67.9	68.8	79.7	77.8	71.3	59.5	43.5	33.0	56.8
1904	31.0	34.3	47.8	52.2	65.3	73.0	76.0	75.1	72.0	58.7	47.6	37.3	55.9
1905	26.9	27.0	52.7	58.1	69.3	77.3	75.9	78.0	72.2	58.2	48.8	36.5	56.7
1906	39.2	34.8	37.5	60.9	67.1	74.2	76.2	77.5	74.2	57.8	45.3	38.5	56.9
1907	39.9	36.6	56.1	49.6	60.9	72.1	79.8	77.5	70.6	58.3	45.6	38.6	57.1
1908	35.7	37.0	52.8	57.6	68.3	75.3	77.9	77.7	74.3	59.1	53.4	41.6	59.2
1909	35.9	43.4	47.6	58.3	65.3	77.2	78.9	80.9	70.3	59.0	57.7	30.3	58.7
1910	35.7	33.8	59.3	57.3	63.6	72.4	78.9	76.7	74.3	62.7	45.4	34.0	57.8
1911	40.8	42.7	50.2	57.2	71.4	78.5	78.8	76.7	76.2	60.6	43.0	40.9	59.8
1912	24.4	31.1	39.9	59.3	67.8	71.5*	78.4	76.4	73.0	61.9	47.6	38.1	55.8**
1913	39.8	35.0	45.9	56.8	67.9	77.9	81.1	82.2	71.6	58.2	54.9	42.1	59.4
1914	41.2	32.6	44.6*	57.0	68.9	81.0	83.2	78.8	71.3	60.9	51.0	32.0	58.6**
1915	32.6	41.0	39.6	62.0	68.0*	73.2	77.4	71.6	73.0	62.4	52.6	37.9	57.6**
1916	37.9	36.2	46.2	56.0	69.8	72.1	82.6	79.6	70.4	61.4	50.5	36.4	58.3
1917	38.2	35.4	48.7	57.6	61.4	72.8	77.1	75.6	71.2	53.2	49.0	28.3	55.7
1918	20.0	39.8	54.8	54.3	70.4	77.8	78.4	82.7	64.5	63.2	47.1	45.8*	58.3**
1919	39.2	39.3	49.3	59.4	63.9	77.3	82.4	77.6	74.0	63.9	46.8	33.8	58.9
1920	32.6	37.6	46.3	54.2	66.3	74.3	78.0	75.4	73.2	64.6	45.7	39.7	57.3
1921	40.9	42.0	56.6	58.4	68.5	79.0	83.0	76.8	75.9	59.3	50.6	41.3	61.0
1922	33.0	40.2	48.6	60.5	69.4	78.2	78.8	78.0	73.8	63.4	50.2	40.2	59.5
1923	42.0	34.3	45.0	57.0	64.4	75.2	80.6	78.4	70.8	57.0	49.3	47.7	58.5
1924	29.6	36.9	42.0	59.8	61.0	74.9	75.4	78.4	67.0	67.4	49.6	34.8	56.4
1925	36.4	44.4	51.7	64.6	64.8*	80.2*	80.1*	79.1*	79.0*	55.0*	45.4	32.6	59.7M**
1926	35.0	42.4	42.3	51.0	67.2	73.1	80.7	77.4	72.5	58.8	42.2	36.7	56.6
1927	33.0	44.8	47.0	58.4	65.1	70.6	75.2	71.0	73.1	60.6	51.9*	34.0	57.1**
1928	33.5	37.3	46.2	52.7	65.5	69.4	79.0	77.4	66.4	62.2	47.0	39.1	56.3
1929	31.4	29.4	52.0	60.3	63.4	72.6	78.4	74.2	68.7	58.0	43.2	38.2	55.8
1930	27.4	46.3	44.3	60.6	66.4	76.1*	83.2	79.4*	72.8	57.4	47.0	35.6	58.1**
1931	36.9	41.8	41.2	57.2	62.4	77.8	81.0	76.3	77.0	63.8	55.5	46.5	59.8
1932	42.0	46.8	41.4	58.6	66.7	77.1	81.5*	78.2	69.7	57.9	41.4	35.4	58.1**
1933	44.0	36.2	46.0	56.4	68.6	79.6	79.2	76.8	78.0	58.6	47.2	40.2	59.5
1934	37.7	33.1	44.0	58.6	70.2	79.6	84.0	78.4	67.6	63.0	51.6	35.4	58.6
1935	36.7	41.0	54.2	54.6	63.5	70.8	79.5	78.2	70.4	61.2	45.8	30.7	57.2
1936	28.3	28.9	52.5	52.7	69.8	78.2	83.8	85.2	74.9	58.7	43.0	40.3	58.0
1937	36.6	36.2	43.2	56.0	67.0	75.9	77.3	81.2	69.5	56.4	44.0	33.8	56.4
1938	34.8	45.4	54.0	59.2	66.6	72.3	78.8	79.8	71.9	64.2	48.2	37.8	59.4
1939	41.4	37.4	50.7	55.0	67.8	75.8	79.1	75.8	75.8	60.9	44.7	39.7	58.7
1940	19.9	35.4	45.5	55.7	62.7	73.2	76.0	75.9	69.4	62.8	45.0	41.8	55.3
1941	36.5	33.9	42.0	61.0	69.2	75.8	79.6	78.4	72.0	63.4	46.2	40.8	58.2
1942	32.6	34.4	49.0	58.7	64.6	73.6	77.4	73.7	67.3	58.5	50.1	34.8	56.2
1943	37.5	41.8	42.3	57.0	66.4	77.0	79.5	78.8	66.0	57.8	45.6	35.2	57.1
1944	38.4	42.5	45.4	56.4	69.8	77.6	77.8	76.8	69.8	60.0	48.1	31.4	57.8
1945	31.8	38.4	55.7	58.6	61.7	70.8	76.1	75.2	70.6	57.0	48.0	30.3	56.2
1946	35.8	42.0	56.4	60.4	62.2	74.6	77.0	71.6	68.5	60.8	50.3	42.1	58.5
1947	37.8	30.2	38.7	56.6	63.1	73.2	73.6	82.5	70.4	65.5	42.6	38.8	56.1
1948	26.6	36.5	47.2	60.7	64.1	74.1	77.1	75.9	69.8	56.0	48.6	40.1	56.3
1949	37.9	40.1	45.6	55.3	67.3	75.1	79.1	76.0	64.4	61.2	48.0	41.2	57.6
1950	41.6	39.4	43.4	51.1	67.3	73.6	74.3	71.7	67.2	64.2	40.6	31.7	55.5
1951	35.3	37.8M	44.4M	52.5M	66.5M	72.7M	77.2	77.3	67.2M	60.2	39.8	38.2	55.8M
1952	40.1	42.6	45.3	55.6M	66.6M	81.3	80.1	77.0M	68.8	54.3M	47.6	38.7	58.2M
1953	38.8	41.8	49.7M	53.9	67.3M	80.5	79.6	77.7	72.8	62.6	47.4	36.9M	59.1M
1954	35.6	46.6M	45.2	63.0M	61.7M	76.5	80.9M	79.6M	73.7	59.3	47.4M	37.7	58.9M
1955	36.0	38.5	47.9	62.5	67.9	69.8	80.7M	78.4	74.1	58.2M	44.4	34.7	57.8M
1956	32.1	40.5	47.1M	55.5	67.9	74.5M	77.6M	78.0M	69.6	64.3M	46.5	43.4M	58.1M
1957	30.6	42.3M	45.4	59.7M	66.6M	74.9	78.3	76.4M	69.7M	56.9M	46.1	43.0M	57.5M
1958	33.4	28.9	40.1	57.6	67.6M	72.4	77.1M	76.8M	70.0M	59.6M	50.2M	33.2	55.6M
1959	32.2	38.1	47.6	58.4	70.7	74.8	77.8	78.8	71.3	59.4M	41.9	41.3M	57.7M
1960	37.0M	34.6	32.8	60.3M	63.8M	74.3M	76.7	78.1M	74.4M	60.5	47.1M	31.8	56.0M
1961	31.7M	42.0M	49.3	52.1	62.2	72.3	76.5M	75.4	72.7	60.5	46.4	35.7M	56.4M
1962	30.5	40.7M	42.5M	54.4	74.3	74.8M	78.9	77.7	67.6	62.3	46.5M	34.0	57.0M
1963	27.1	31.8	51.8	60.3	65.8M	75.9	76.8	75.7	70.1	67.0	48.9	25.5	56.4M
1964	35.6M	35.7	46.1	60.9	68.8M	76.9	78.2M	76.8	69.5	56.9	50.4	35.8	57.6M
1965	35.8	36.3	37.8	60.4	70.6	74.3M	77.0	75.9	69.8	57.9M	51.3	43.4	57.5M
1966	28.7M	34.8	48.1	54.5M	64.4	74.0	81.0	74.1	67.0	55.3M	48.3	36.4	55.6M
1967	37.5	33.7	51.5	61.0M	64.2	74.3M	74.4	71.7M	66.4	58.3	43.3	38.0	56.2M
1968	30.9	31.5	46.5M	58.5M	63.4	76.1	77.7	77.7	68.6	57.7	46.4	35.0	55.8M
1969	32.6	36.8	39.5M	57.4M	66.8	75.2	80.5	76.2	69.4M	58.0M	43.5	33.5	55.8M
1970	27.0	34.8	41.6M	59.1	69.1	72.9M	76.9	77.5	73.9	58.5M	45.2	39.8	56.4M
1971	30.6M	35.8	42.8	57.0M	63.2	78.2M	75.7	74.8	72.0	64.9	47.7	44.4	57.3M
1972	33.8	36.9	46.9	56.9	66.8	73.5	75.3	75.3M	71.2M	56.2	42.1M	33.7	55.7M
1973	33.9	35.8	52.7	54.5	61.6M	75.2	78.8	75.8	71.5	62.4M	50.9	35.0	57.3M
1974	35.9M	39.8	50.6	58.2	67.0	69.2	79.7	75.2M	63.3	57.7M	47.9	37.2	56.8M
1975	37.7	34.3	41.8	55.9M	68.1	74.7	76.8M	76.1	65.5M	60.7	49.9	37.7	56.6M
1976	31.8	45.6	52.9	58.4	62.2M	71.7	77.0	73.8	68.3	52.3M	40.0	33.7	55.6M
1977	19.4	36.7	52.0	61.8	70.1	75.3	79.7M	77.0	72.0M	55.9M	48.0	34.1	56.8M
1978	23.7	24.6M	41.4	58.3	65.6	74.9	78.9	77.6	72.6M	56.6	49.8	36.0	55.0M
1979	22.3	26.8	46.4	55.1M	63.8M	74.1M	77.5M	75.6M	68.8	59.1	45.6	38.6	54.5M
1980	34.2	30.9M	42.0	55.7M	67.2M	75.3	82.8	82.4	74.0	56.0	46.1	37.5	57.0M
1981	32.2	39.6	47.1	63.6	61.3M	75.9	78.5	75.7	67.6	56.7	50.4	35.1	57.0M
1982	27.1	33.9	50.2	52.5	70.3	71.7	78.5	75.3	67.7	58.9	47.0	43.8	56.4
1983	34.2	39.8	46.7	51.2	64.7	73.3	80.7	82.8	71.3	60.6	49.1	25.0	56.6
1984	28.5	41.1	41.8	55.3	63.2	77.4	76.6	77.0	67.6	62.4	46.0	43.7	56.7
1985	24.0	32.2	50.1	60.1	67.6	72.9	78.5	75.2	68.7	61.6	51.1M	30.6	56.1M
1986	35.3	39.7M	49.2	60.4	68.4	76.9	80.9	74.1	72.9	59.1	44.6	36.5	58.2M
1987	33.4	40.7	50.1	57.8	71.9	76.7	78.5	79.4	71.5	53.8M	50.8	39.8	58.7M
1988	31.0	34.3M	46.9	58.4	67.3	76.3	79.0	79.8	69.6	53.5	47.5	38.1	56.8M
1989	40.9	31.4	46.5	57.8	64.4	72.9							

* Cairo data used, Anna data missing. **Annual average calculated from Anna data and Cairo data.
M One or more days of record missing; if average value is entered, less than 10 days record is missing.

ANNA, ILLINOIS

COOLING DEGREE DAYS¹

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN-DEC TOTAL
1901	0	0	0	0	97	405	629	403	208	47	0	0	1789
1902	0	0	0	0	233	321	477	384	134	57	0	0	1606
1903	0	0	0	0	148	161	456	397	200	9	0	0	1371
1904	0	0	0	0	105	240	341	313	210	0	0	0	1209
1905	0	0	0	0	171	369	338	403	216	0	0	0	1497
1906	0	0	0	35	134	276	347	388	276	0	0	0	1456
1907	0	0	0	0	33	213	459	388	190	0	0	0	1283
1908	0	0	0	0	154	309	400	394	279	2	0	0	1538
1909	0	0	0	0	105	366	431	493	185	1	0	0	1581
1910	0	0	6	0	77	222	431	363	279	62	0	0	1440
1911	0	0	0	0	205	405	428	363	336	28	0	0	1765
1912	0	0	0	9	146	203*	415	353	240	49	0	0	1415**
1913	0	0	0	0	148	387	499	533	205	0	0	0	1772
1914	0	0	0*	0	164	480	564	428	200	33	0	0	1869**
1915	0	0	0	52	149*	246	384	209	240	57	0	0	1337**
1916	0	0	0	0	179	213	546	453	187	40	0	0	1618
1917	0	0	0	0	40	234	375	329	199	0	0	0	1177
1918	0	0	0	0	188	384	415	549	92	70	0	0*	1698**
1919	0	0	0	12	82	369	539	391	270	82	0	0	1745
1920	0	0	0	0	121	279	403	322	246	94	0	0	1465
1921	0	0	0	0	157	420	558	366	327	6	0	0	1834
1922	0	0	0	28	172	396	428	403	264	73	0	0	1764
1923	0	0	0	0	90	306	484	415	193	0	0	0	1488
1924	0	0	0	18	34	297	322	415	132	139	0	0	1357
1925	0	0	0	94	97*	456*	468*	437*	420*	0*	0	0	1972**
1926	0	0	0	0	136	243	487	384	225	0	0	0	1475
1927	0	0	0	0	101	190	316	199	243	28	0*	0	1077**
1928	0	0	0	0	108	171	434	384	122	54	0	0	1273
1929	0	0	0	25	73	228	415	285	160	0	0	0	1186
1930	0	0	0	30	122	333*	564	446*	234	0	0	0	1729
1931	0	0	0	0	57	384	496	350	360	80	0	0	1727
1932	0	0	0	0	127	363	512*	409	176	0	0	0	1587**
1933	0	0	0	0	159	438	440	366	390	0	0	0	1793
1934	0	0	0	0	185	438	589	415	142	67	0	0	1836
1935	0	0	0	0	75	193	450	409	187	37	0	0	1351
1936	0	0	0	0	179	396	583	626	297	0	0	0	2081
1937	0	0	0	0	133	327	381	502	172	0	0	0	1515
1938	0	0	0	9	126	219	428	459	210	87	0	0	1538
1939	0	0	0	0	146	324	437	335	324	33	0	0	1599
1940	0	0	0	0	62	246	341	338	171	64	0	0	1222
1941	0	0	0	36	169	324	453	415	210	73	0	0	1680
1942	0	0	0	0	94	258	384	270	137	0	0	0	1143
1943	0	0	0	0	122	360	450	428	115	0	0	0	1475
1944	0	0	0	0	179	378	397	366	177	18	0	0	1515
1945	0	0	0	0	45	193	344	316	190	0	0	0	1088
1946	0	0	0	27	54	288	372	209	156	31	0	0	1137
1947	0	0	0	0	68	246	267	543	187	108	0	0	1419
1948	0	0	0	32	85	273	375	338	177	0	0	0	1280
1949	0	0	0	0	138	303	437	341	91	37	0	0	1347
1950	0	0	0	0	138	258	288	210	136	87	0	0	1117
1951	0	OM	OM	OM	124M	231M	378	381	136M	21	0	0	1271M
1952	0	0	0	OM	126M	489	468	372M	161	OM	0	0	1616M
1953	0	0	OM	0	138M	465	453	394	234	61	0	OM	1745M
1954	0	OM	0	68M	45M	345	493M	453M	261	6	OM	0	1671M
1955	0	0	0	60	148	177	487M	415	273	OM	0	0	1560M
1956	0	0	OM	0	148	285M	391M	403M	174	89M	0	M	1490M
1957	0	OM	0	17M	126M	297	412	353M	176M	OM	0	M	1381M
1958	0	0	0	0	143M	222	375M	366M	180M	11M	OM	0	1297M
1959	0	0	0	0	193	294	397	428	200	7M	0	OM	1519M
1960	OM	0	0	25M	80M	279M	363	406M	282M	26	OM	0	1461M
1961	OM	OM	0	0	54	219	357M	322	231	26	0	OM	1209M
1962	0	OM	OM	0	288	294M	431	394	142	56	OM	0	1605M
1963	0	0	0	25	113M	327	366	332	182	133	0	0	1478M
1964	OM	0	0	35	162M	357	409M	366	172	0	0	0	1501M
1965	0	0	0	27	192	279M	372	338	177	OM	0	0	1385M
1966	OM	0	0	OM	90	270	496	282	132	OM	0	0	1270M
1967	0	0	0	36M	87	279M	291	210M	132	0	0	0	1035M
1968	0	0	OM	OM	73	333	394	394	158	0	0	0	1352M
1969	0	0	OM	OM	129	306	481	347	171M	OM	0	0	1434M
1970	0	0	OM	7	167	337M	369	388	267	OM	0	0	1535M
1971	OM	0	0	OM	70	396M	332	304	210	99	0	0	1411M
1972	0	0	0	0	129	255	319	319M	199M	0	OM	0	1221M
1973	0	0	0	0	44M	306	428	335	203	57M	0	0	1373M
1974	OM	0	0	0	133	168	456	316M	73	OM	0	0	1146M
1975	0	0	0	OM	150	291	366M	344	108M	29	0	0	1288M
1976	0	0	0	0	54M	207	372	273	153	OM	0	0	1059M
1977	0	0	0	49	183	309	456M	372	210M	OM	0	0	1579M
1978	0	OM	0	0	110	297	431	391	228M	0	0	0	1457M
1979	0	0	0	OM	80M	273M	388M	329M	161	2	0	0	1233M
1980	0	OM	0	OM	136M	309	552	539	270	0	0	0	1806M
1981	0	0	0	78	39M	327	419	332	142	0	0	0	1337M
1982	0	0	0	0	187	207	419	319	144	0	0	0	1276
1983	0	0	0	0	95	249	487	552	200	28	0	0	1611
1984	0	0	0	0	70	372	360	372	142	57	0	0	1373
1985	0	0	0	22	143	237	419	316	160	44	OM	0	1341M
1986	0	OM	0	27	155	357	493	282	237	2	0	0	1553
1987	0	0	0	0	200	351	419	446	204	0	0	0	1620
1988	0	0	0	0	138	339	434	459	174	0	0	0	1544
1989	0	0	2	65	102	248							

Cooling degree days based on mean monthly temperature as opposed to accumulated daily values.
 * Cairo data used, Anna data missing. **Seasonal total calculated from Anna data and Cairo data.
 M One or more days of record missing; if average values is entered, less than 10 days record is missing.

YEAR	HEATING DEGREE DAYS ¹												JUL-JUN TOTAL.
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1900-01							818	907	570	363	103	0	
1901-02	0	0	0	153	573	1048	964	1072	505	264	0	0	5345
1902-03	0	0	66	143	348	887	933	806	449	192	52	39	3915
1903-04	0	0	0	191	645	992	1054	887	533	384	95	0	4781
1904-05	0	0	0	195	522	859	1181	1064	381	207	29	0	4438
1905-06	0	0	0	211	486	883	800	846	852	165	66	0	4309
1906-07	0	0	0	223	591	821	781	795	276	462	167	0	4116
1907-08	0	0	10	208	582	818	908	812	378	222	46	0	3984
1908-09	0	0	0	198	348	725	902	605	539	201	95	0	3613
1909-10	0	0	15	199	219	1076	908	874	194	231	123	0	3839
1910-11	0	0	0	138	588	961	750	624	459	234	0	0	3754
1911-12	0	0	0	172	660	747	1259	983	778	190	54	0*	4843**
1912-13	0	0	0	151	522	834	781	840	592	246	52	0	4018
1913-14	0	0	0	211	303	710	738	907	632*	240	36	0	3777**
1914-15	0	0	0	167	420	1023	1004	672	787	148	51*	0	4272**
1915-16	0	0	0	143	372	840	840	835	583	270	21	0	3904
1916-17	0	0	13	160	435	887	831	829	505	222	160	0	4042
1917-18	0	0	1	366	480	1138	1395	706	316	321	12	0	4735
1918-19	0	0	106	130	537	595*	800	720	487	188	118	0	3681**
1919-20	0	0	0	118	546	967	1004	795	580	324	79	0	4413
1920-21	0	0	0	106	579	784	747	644	260	198	43	0	3361
1921-22	0	0	0	194	432	735	992	694	508	171	28	0	3754
1922-23	0	0	0	127	444	769	713	860	620	240	110	0	3883
1923-24	0	0	7	248	471	536	1097	815	713	182	166	0	4235
1924-25	0	0	68	61	462	936	887	577	412	105	103*	0*	3611**
1925-26	0*	0*	0*	310*	588	1004	930	633	704	420	64	0	4653**
1926-27	0	0	0	192	684	877	992	566	558	198	99	10	4176
1927-28	0	1	0	172	393*	961	914	803	583	369	92	29	4317**
1928-29	0	0	77	146	540	803	1042	997	403	175	127	0	4310
1929-30	0	0	40	217	654	831	1166	524	642	170	78	0	4322
1930-31	0	0*	0	236	540	911	871	650	738	234	143	0	4323**
1931-32	0	0	0	120	285	573	713	528	732	192	73	0	3216
1932-33	0*	0	24	220	708	918	651	806	589	258	41	0	4215
1933-34	0	0	0	198	534	682	846	893	651	192	15	0	4011
1934-35	0	0	58	133	402	918	877	672	335	312	125	7	3839
1935-36	0	0	13	163	576	1063	1138	1047	387	369	21	0	4777
1936-37	0	0	0	206	660	766	880	806	676	270	67	0	4331
1937-38	0	0	27	267	630	967	936	539	341	191	74	0	3982
1938-39	0	0	0	113	504	834	732	773	443	300	54	0	3762
1939-40	0	0	0	280	609	784	1398	858	604	279	128	0	4950
1940-41	0	0	29	136	600	719	883	871	713	164	31	0	4146
1941-42	0	0	0	127	564	750	1004	857	496	189	106	0	4093
1943-44	0	0	84	223	582	924	825	653	608	258	21	0	4178
1944-45	0	0	23	182	507	1042	1029	745	288	192	155	7	4170
1945-46	0	0	10	248	510	1076	905	644	267	173	146	0	3979
1946-47	0	0	43	157	441	710	843	974	815	252	132	0	4367
1947-48	0	0	13	92	672	812	1190	827	552	168	115	0	4441
1948-49	0	0	23	279	492	772	840	697	601	291	62	0	4057
1949-50	0	0	108	163	510	738	725	717	670	417	62	0	4110
1950-51	0	0	64	113	732	1032	921	762M	639M	375M	76M	0M	4714M
1951-52	0	0	64M	179	756	831	772	650	611	282M	74M	0	4219M
1952-53	0	0M	39	332M	522	815	812	650	474M	333	62M	0	4039M
1953-54	0	0	0	139	528	871M	911	515M	614	132M	155M	0	3865M
1954-55	0M	0M	0	194	528M	846	899	742	530	139	52	23	3953M
1955-56	0M	0	0	211M	618	939	1020	711	555M	285	52	0M	4391M
1956-57	0M	0M	26	111M	555	670M	1066	636	608	183	74M	0	3929M
1957-58	0	0M	24M	251M	567	682M	980	1011	772	222	57M	0	4566M
1958-59	0M	0M	20M	189M	444M	986	1017	753	539	198	7	0	4153M
1959-60	0	0	0	193M	693	735M	868M	882	998	175M	120	0M	4664M
1960-61	0	0M	0M	174	537	1029	1032M	667M	487	387	146	0	4459M
1961-62	0M	0	0	174	558	908m	1069	680M	697M	318	0	0M	4404M
1962-63	0	0	58	144	555M	961	1175	930	409	175	87M	0	4494M
1963-64	0	0	18	67	483	1224	911	850	586	165	38M	0	4342M
1964-65	0M	0	27	251	438	905	905	804	843	173	8	0	4354M
1965-66	0	0	23	220M	411	670	1125M	846	524	315M	110	0	4244M
1966-67	0	0	68	301M	501	887	852	876	418	164M	113	0M	4180M
1967-68	0	0M	77	208	651	837	1057	972	573M	195M	127	0	4697M
1968-69	0	0	42	226	558	930	1004	790	790M	228M	71	0	4639M
1969-70	0	0	29M	217M	645	976	1178	846	725M	193	33	0	4842M
1970-71	0	0	0	201M	594	781	1066M	818	688	240M	130	0	4518M
1971-72	0	0	0	101	519	639	967	815	561	243	71	0	3916
1972-73	0	0M	1	273	687M	970	964	818	381	315	156M	0	4565M
1973-74	0	0	0	143M	423	930	902M	706	446	204	67	32	3853M
1974-75	0	0M	127	226M	513	862	846	860	719	273	50	0	4476M
1975-76	0M	0	91M	171	453	846	1029	563	375	198	146M	0	3872M
1976-77	0	0	47	394M	750	970	1414	792	403	151	17	0	4938M
1977-78	0M	0	0M	282M	510	958	1280	1131M	732	201	90	0	5184M
1978-79	0	0	0M	260	456	899	1324	1070	577	297	120M	0M	5003M
1979-80	0M	0M	39	198	582	818	955	989M	713	279	64M	0	4637M
1980-81	0	0	0	279	567	852	1017	711	555	122	161M	0	4264M
1981-82	0	0	58	257	438	927	1175	871	459	375	13	0	4573
1982-83	0	0	56	189	540	657	955	706	567	414	105	0	4189
1983-84	0	0	0	172	477	1240	1131	693	719	291	130	0	4853
1984-85	0	0	58	143	570	660	1271	918	462	178	57	0	4317
1985-86	0	0	40	156	417	1066	921	708M	490	173	45	0	4016M
1986-87	0	0	0	198	612	883	980	680	462	216	0	0	4031
1987-88	0	0	0	347M	437	781	1020	890M	561	109	46	0	4280M
1988-89	0	0	26	345	525	807	747	940	570	272	112	3	4347

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

* Cairo data used, Anna data missing. **Seasonal total calculated from Anna data and Cairo data.
M One or more days of record missing; if average value is entered, less than 10 days record is missing.

TOTAL PRECIPITATION

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	1.34	2.45	5.73	3.74	1.69	2.57	1.20	5.96	0.77	1.97	1.28	5.68	34.38
1902	1.52	2.53	4.22	3.04	3.13	2.78	0.82	4.45	3.42	0.84	4.92	6.36	38.03
1903	2.26	4.76	5.87	3.54	3.16	2.19	3.22	1.85	1.31	3.59	2.22	2.82	36.79
1904	4.05	2.90	6.75	4.28	2.54	5.84	2.83	4.73	9.11	0.90	0.32	2.55	46.80
1905	3.45	2.10	3.03	4.83	4.34	2.10	9.55	2.85	2.94	6.46	2.24	3.50	47.39
1906	6.45	2.36	6.70	1.17	0.67	4.77	3.80	5.07	8.72	1.67	7.75	5.50	54.63
1907	5.82	1.56	2.95	3.11	5.44	2.77	4.18	5.41	0.79	4.22	5.17	3.10	44.52
1908	3.86	8.06	4.60	8.10	5.16	1.70	3.37	3.75	1.92	0.00	4.90	1.07	46.49
1909	2.25	8.26	5.39	9.08	4.33	1.75	10.93	1.39	9.17	0.86	4.31	3.14	60.86
1910	2.43	3.53	0.10	6.19	3.66	4.29	10.82	1.89	2.10	11.43	0.26	2.60	49.30
1911	0.65	3.27	2.22	12.07	1.31	3.59	1.60	6.52	6.13	2.11	4.34	2.96	46.77
1912	2.90	1.43	3.37	6.85	3.64	6.19	3.71	3.18	4.83	2.12	2.65	0.79	41.66
1913	8.13	0.85	7.94	3.19	1.91	0.90	3.77	1.45	4.81	6.97	3.47	1.47	44.86
1914	2.43	4.68	3.31*	3.47	1.21	2.05	0.54	4.06	3.16	3.61	1.01	3.67	33.20**
1915	4.46	2.49	0.87	0.73	5.07	3.58	3.80	8.81	3.33	0.65	2.52	7.67	43.98
1916	9.54	1.78	1.06	2.62	4.29	7.80	0.69	3.65	3.09	2.13	2.49	4.22	43.29
1917	4.54	1.67	3.68	7.67	3.78	2.89	3.27	6.26	0.70	2.14	2.65	1.59	40.84
1918	4.32	0.44	0.75	6.06	9.42	3.10	0.40	2.05	5.32	3.11	2.88	8.51	46.36
1919	0.94	1.69	4.97	2.82	3.84	2.73	0.85	4.62	3.07	10.50	5.65	1.47	43.15
1920	4.08	1.29	7.16	2.98	9.65	2.63	2.51	3.68	0.77	3.09	1.00	4.53	43.37
1921	2.95	2.92	6.16	5.69	2.61	5.46	1.54	7.38	5.62	1.04	7.27	2.95	51.59
1922	1.53	1.78	10.32	4.71	3.05	1.84	7.47	2.92	2.83	3.23	2.70	3.27	45.65
1923	5.80	4.17	4.42	4.51	5.84	2.31	1.33	8.63	4.26	3.62	2.97	6.81	54.67
1924	2.44	1.74	2.10	2.67	6.87	4.57	6.74	2.34	3.62	T	2.16	3.79	39.04
1925	1.52	2.61	2.95	3.27	0.30	6.16	1.05	0.60*	9.36	6.13	5.68	0.57*	40.20**
1926	3.83	1.97	2.93	2.37	1.39	1.08	0.93	4.50	3.05	3.62	5.07	4.15*	34.89**
1927	6.70	0.76	6.87	9.52	8.43	5.72	5.65	1.36	4.95	2.71	5.64	6.62	64.93
1928	1.73	3.57	1.85	6.10	2.63	18.21	0.52	4.64	T	8.19	6.00	3.32	56.76
1929	6.95	2.83	3.53	4.95	6.94	5.92	3.39	4.47	4.76	1.84	3.25	4.22	53.05
1930	8.57	2.74	2.36	1.13	1.87	2.05	0.77	0.57	6.75	1.87	2.58	1.49	32.75
1931	1.10	2.81	4.57	4.59	7.29	1.71	0.42	5.57	2.44	2.32	7.96	3.59	44.37
1932	5.48	2.79	3.72	3.91	1.96	2.40	4.05	8.46	6.26	6.05	2.11	7.89	55.08
1933	2.73	3.27	6.77	4.89	12.09	0.25	4.81	2.60	3.80	3.11	1.32	2.46	48.10
1934	0.97	1.62	2.90	3.21	1.74	2.81	1.90	4.45	9.36	3.54	9.28	3.11	44.89
1935	4.20	1.62	10.94	2.61	7.22	11.11	3.77	1.83	2.71	4.37	3.69	1.70	55.77
1936	0.92	2.63	3.50	3.84	1.10	1.82	2.07	0.34	5.83	3.69	3.23	3.58	32.55
1937	12.71	3.09	1.17	6.62	5.13	6.23	3.55	0.88	4.86	6.11	1.79	2.49	54.63
1938	3.72	2.90	5.00	2.99	3.94	6.58	3.50	4.03	1.39	1.21	2.66	1.88	39.80
1939	5.54	7.35	5.67	7.58	4.14	4.70	2.91	2.38	1.07	3.68	1.71	1.57	48.30
1940	1.84	5.44	3.67	7.81	2.71	3.37	3.68	2.35	2.52	0.46	5.09	4.36	43.30
1941	3.87	1.07	1.66	3.03	2.93	0.58	3.26	8.87	2.71	8.71	2.84	4.77	44.30
1942	4.08	4.98	4.08	4.41	4.98	8.88	2.69	8.06	1.43	3.38	8.42	3.60	58.99
1943	0.35	1.49	6.60	3.32	10.24	4.95	2.28	3.56	5.55	1.95	2.35	2.92	45.56
1944	1.35	4.45	4.85	6.54	6.75	1.92	2.31	4.04	3.07	0.12	2.22	4.03	41.65
1945	2.72	8.47	13.69	10.16	4.87	9.38	1.28	3.81	8.45	3.03	3.81	1.61	71.73
1946	3.68	4.42	2.18	4.17	7.78	1.30	4.19	7.72	2.62	2.01	4.64	3.03	47.74
1947	2.96	0.28	3.36	6.31	5.77	4.59	1.48	2.91	3.70	5.13	3.11	4.84	44.44
1948	3.32	3.94	5.32	5.26	5.85	5.30	2.48	1.84	4.36	2.55	8.26	4.81	53.29
1949	10.98	3.87	8.03	1.46	5.06	4.71	4.06	2.85	2.64	9.99	0.40	6.12	60.17
1950	16.55	6.20	4.77	8.96	4.57	3.10	2.89	11.28	4.51	1.84	4.99	1.80	71.46
1951	5.20	5.18	2.56	2.80	2.60	7.86	2.61	4.07	6.13	4.28	7.42	4.34	55.05
1952	3.35	3.89	8.13	3.76	3.28	3.89	2.08	2.67	3.55	0.80	4.44	2.72	42.56
1953	3.09	1.37	5.78	4.94	4.03	2.57	3.27	0.72	0.52	1.62	1.12	1.85	30.88
1954	4.47	2.55	1.69	3.46	4.06	7.03	2.57	4.17	5.52	3.17	1.37	6.54	46.60
1955	0.77	2.92	4.92	3.88	6.97	2.98	5.63	1.24	1.78	3.29	2.58	0.63	37.59
1956	1.81	7.20	2.74	3.75	3.46	3.69	4.09	1.54	4.18	2.08	3.77	3.10	41.41
1957	4.42	4.20	2.90	9.80	13.80	4.14	1.36	2.71	1.85	3.07	8.82	6.79	63.86
1958	3.12	1.41	5.94	4.15	4.94	7.71	13.57	4.87	3.78	0.72	4.39	0.73	55.33
1959	4.45	2.84	4.14	1.69	2.76	2.08	0.88	8.01	3.22	2.84	2.01	4.68	39.60
1960	3.11	2.13	2.37	3.24	3.87	3.46	2.82	4.63	0.71	2.88	3.43	4.52	37.17
1961	1.37D	4.66D	5.94	4.46	9.34	3.25	5.16	4.09	1.21	0.66	6.51	4.54	51.19D
1962	4.99	5.39	4.83	3.17	4.43	2.96	1.90	3.13	4.29	1.72	0.98	3.03	40.82
1963	0.95	0.66	8.50	2.54	3.18	1.89	6.37	1.88	0.74	0.19	2.97	1.45	31.32
1964	1.76	2.56	11.20	3.59	2.31	1.70	1.88	4.36	4.62	0.14	3.16	3.04	40.32
1965	3.21	4.31	3.24	2.94	3.39	8.12	7.52	3.30	11.65	0.87	0.97	1.75	51.27
1966	3.66	4.37	1.00	8.14	5.59	1.87	4.21	4.03	2.87	1.11	3.68	5.75	46.28
1967	1.29	2.63	3.24	2.03	5.84	2.90	5.04	3.10	3.22	5.18	3.22	6.10	43.79
1968	2.30	1.25	4.43	5.55	6.94	3.40	2.85	3.78	3.69	1.75	5.67	5.14	46.75
1969	8.68	1.66	2.54	6.05	4.44	7.37	5.36	2.13	2.21	5.74	2.64	4.27	53.09
1970	1.28	3.08	6.21	7.53	6.25	7.57	1.21	2.71	3.39	4.66	2.47	2.31	48.67
1971	3.94	5.39	1.36	1.29	3.65	2.49	4.73	4.81	2.39	0.41	1.78	4.34	36.58
1972	1.92	3.95	3.55	7.20	1.58	2.33	6.06	4.45	3.88	3.87	6.71	5.70	51.20
1973	2.96	1.76	8.27	6.83	9.75E	3.33	5.15	3.64	1.84	4.91	8.00	4.47	60.91E
1974	3.94	1.88	4.98	4.52	6.55	3.78	0.18	6.98	4.72	1.56	5.05	3.02	47.16
1975	4.15	3.95	7.98	5.98	6.76	3.27	4.65	5.69	4.37	1.37	3.30	4.59	56.06
1976	2.15	3.58	4.03	2.58	3.93	5.27	7.62	0.36	1.41	3.34	1.06	0.91	36.24
1977	2.07	1.77	11.15	4.22	2.32	4.72	3.57	4.53	4.89	2.31	3.28	5.07	49.90
1978	2.21	1.13	6.27	3.75	2.15	1.47	2.09	8.50	0.32	1.42	5.64	7.01	41.96
1979	3.16	7.19	7.12	7.67	4.39	3.18	5.55	3.56	2.07	1.42	6.11	4.08	55.50
1980	1.86	1.64	5.32	3.18	2.06	2.85	3.20	0.52	2.61	3.77	2.65	0.76	30.42
1981	0.91	3.44	1.68	2.49	9.95	7.80	7.74	3.02	0.41	2.77	3.28	2.05	45.54
1982	13.27	1.42	4.71	3.03	5.73	2.30	2.88	7.83	4.34	3.11	4.90	13.01	66.53
1983	1.08	1.20	4.06	12.01	10.72	8.87	0.48	0.35	1.00	8.17	8.65	3.56	60.15
1984	1.33	3.83	6.57	4.73	4.31	1.15	3.68	1.90	6.82	8.43	6.93	7.17	56.85
1985	2.28	4.78	6.53	5.11	5.28	4.75	1.28	12.77	1.76	5.09	6.31	1.75	57.69
1986	0.62	3.54	2.44	3.50	10.16	1.53	4.65	5.31	5.81	4.83	2.23	2.70	47.32
1987	1.22	3.71	3.63	2.83	2.83	3.00	2.56	0.65	1.64	1.60	5.39	8.75	37.81
1988	2.49	2.19	4.91	1.97	2.57	0.60	3.66	4.57	5.96	4.78	6.51	3.26	43.47
1989	4.63	8.59	6.05	3.26	1.94	6.64							

* Cairo data used, Anna data missing. **Annual total calculated from Anna data and Cairo data.
D Water equivalent of snowfall wholly or partly estimate.
E Amount is wholly or partly estimated.
T Trace, an amount too small to measure

SEASON	TOTAL SNOWFALL												JUL-CUN TOTAL.
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1900-1901							.0	3.0	T	T	.0	.0	
1901-1902	.0	.0	.0	.0	.0	6.0	T	4.0	T	T	.0	.0	10.0
1902-1903	.0	.0	.0	.0	T	T	T	0.3	T	.0	.0	.0	0.3
1903-1904	.0	.0	.0	.0	1.0	T	4.2	1.5	T	2.0	.0	.0	7.7
1904-1905	.0	.0	.0	.0	.0	3.0	4.5	5.5	.0	T	.0	.0	13.0
1905-1906	.0	.0	.0	.0	.0	T	2.0	3.0	3.0	.0	.0	.0	8.0
1906-1907	.0	.0	.0	.0	3.0	1.0	0.5	4.0	.0	.0	.0	.0	8.5
1907-1908	.0	.0	.0	.0	T	.0	.0	2.8	T	.0	.0	.0	2.8
1908-1909	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1909-1910	.0	.0	.0	.0	.0	.0	5.0	11.0	.0	1.0	.0	.0	17.0
1910-1911	.0	.0	.0	.0	T	10.0	.0	.0	4.5	.0	.0	.0	14.5
1911-1912	.0	.0	.0	.0	T	.0	21.0	6.5	10.7	.0	.0	.0	38.2
1912-1913	.0	.0	.0	.0	.0	1.0	0.5	1.5	2.0	.0	.0	.0	5.0
1913-1914	.0	.0	.0	.0	.0	2.0	5.0	.0	3.5*	T	.0	.0	10.5**
1914-1915	.0	.0	.0	.0	T	5.0	2.0	T	T	.0	.0	.0	7.0
1915-1916	.0	.0	.0	.0	T	5.0	0.2	1.5	0.2	T	.0	.0	6.9
1916-1917	.0	.0	.0	.0	T	8.2	5.8	10.5	1.5	T	.0	.0	26.0
1917-1918	.0	.0	.0	.0	T	16.7	22.0	.0	.0	.0	.0	.0	38.7
1918-1919	.0	.0	.0	.0	T	T	0.7	0.8	.0	.0	.0	.0	1.5
1919-1920	.0	.0	.0	.0	.0	T	T	1.0	0.4	0.7	.0	.0	2.1
1920-1921	.0	.0	.0	.0	T	0.5	2.8	8.5	.0	T	.0	.0	11.8
1921-1922	.0	.0	.0	.0	.0	T	2.8	.0	2.0	.0	.0	.0	4.8
1922-1923	.0	.0	.0	.0	T	T	.0	0.2	T	.0	T	.0	0.2
1923-1924	.0	.0	.0	.0	.0	0.1	3.2	2.9	7.0	T	.0	.0	13.2
1924-1925	.0	.0	.0	.0	.0	T	3.0	0.1	0.5	.0	.0	.0	3.6
1925-1926	.0	.0	.0	2.0*	.0	1.1*	13.9	1.9	T	.0	.0	.0	18.9**
1926-1927	.0	.0	.0	.0	2.0	3.5	T	1.5	4.0	T	.0	.0	11.0
1927-1928	.0	.0	.0	.0	T	T	T	3.5	4.0	.0	.0	.0	7.5
1928-1929	.0	.0	.0	.0	.0	0	T	11.5*	.0	0	.T	.0*	11.5**
1929-1930	.0	.0	.0	.0	2.0	6.5	6.5	0.5	0.5	.0	.0	.0	16.0
1930-1931	.0	.0	.0	T	T	0.5	5.0	.0	0.5	.0	.0	.0	6.0
1931-1932	.0	.0	.0	.0	.0	.0	T	.0	1.0	.0	.0	.0	1.0
1932-1933	.0	.0	.0	.0	4.0	2.5	.0	2.0	T	.0	.0	.0	8.5
1933-1934	.0	.0	.0	.0	.0	0.5	0.5	7.0	0.8	.0	.0	.0	8.8
1934-1935	.0	.0	.0	.0	.0	9.0	1.0	T	.0	.0	.0	.0	10.0
1935-1936	.0	.0	.0	.0	.0	7.0	2.0	9.0	1.5	T	.0	.0	19.5
1936-1937	.0	.0	.0	.0	2.0	0.5	4.5	3.5	.0	.0	.0	.0	10.5
1937-1938	.0	.0	.0	.0	1.0	T	0.5	T	.0	0.5	.0	.0	2.0
1938-1939	.0	.0	.0	.0	T	.0	5.5	12.5	.0	.0	.0	.0	18.0
1939-1940	.0	.0	.0	.0	.0	5.7	7.2	9.7	4.0	T	.0	.0	26.6
1940-1941	.0	.0	.0	.0	.0	.0	T	3.2	T	.0	.0	.0	3.2
1941-1942	.0	.0	.0	.0	T	1.0	4.5	5.5	T	.0	.0	.0	11.0
1942-1943	.0	.0	.0	.0	.0	11.0	T	2.6	7.4	T	.0	.0	21.0
1943-1944	.0	.0	.0	.0	T	1.1	4.0	6.6	T	.0	.0	.0	11.7
1944-1945	.0	.0	.0	.0	.0	4.0	8.9	T	.0	.0	.0	.0	12.9
1945-1946	.0	.0	.0	.0	.0	5.2	1.5	T	.0	.0	.0	.0	6.7
1946-1947	.0	.0	.0	.0	.0	0.2	0.5	3.0	9.5	.0	.0	.0	13.2
1947-1948	.0	.0	.0	.0	T	2.8	5.1	8.0	1.6	.0	.0	.0	17.5
1948-1949	.0	.0	.0	.0	0.3	.0	1.0	.0	5.2	T	.0	.0	6.5
1949-1950	.0	.0	.0	.0	T	T	3.8	T	T	T	.0	.0	3.8
1950-1951	.0	T	.0	.0	3.9	2.7	8.3	2.1	3.0	T	.0	.0	20.0
1951-1952	.0	.0	.0	.0	4.5	3.4	.2	2.3	.3	.0	.0	.0	10.7
1952-1953	.0	.0	.0	.0	1.0	1.5	.2	.0	.1	.5	.0	.0	3.3
1953-1954	.0	.0	.0	.0	T	T	6.5	T	T	.0	.0	.0	6.5
1954-1955	.0	.0	.0	T	.3	1.4	6.0	.2	1.1	.0	.0	.0	9.0
1955-1956	.0	.0	.0	.0	.0	2.4	9.2	4.5	1.0	T	.0	.0	17.1
1956-1957	.0	.0	.0	.0	1.0	T	2.9	T	T	.1	.0	.0	4.0
1957-1958	.0	.0	.0	.0	.0	.4	1.0	2.5	9.9	.0	.0	.0	13.8
1958-1959	.0	.0	.0	.0	7.0	2.8	1.2	T	T	.0	.0	.0	11.0
1959-1960	.0	.0	.0	.0	.5	T	1.6	10.6	18.7	.0	.0	.0	31.4
1960-1961	.0	.0	.0	.0	T	2.9	5.0	4.4	T	1.6	.0	.0	13.9
1961-1962	.0	.0	.0	.0	T	3.0	3.4	.8	T	T	.0	.0	7.2
1962-1963	.0	.0	.0	.0	T	1.9	1.8	2.6	.8	.0	.0	.0	7.1
1963-1964	.0	.0	.0	.0	T	4.7	8.0	3.8	1.0	.0	.0	.0	17.5
1964-1965	.0	.0	.0	.0	.7	T	6.1	6.5	8.6	.0	.0	.0	21.9
1965-1966	.0	.0	.0	.0	.0	.0	2.2	10.4	T	.0	.0	.0	12.6
1966-1967	.0	.0	.0	.0	T	4.7	.8	6.9	6.8	.0	.0	.0	19.2
1967-1968	.0	.0	.0	.0	T	4.8	6.9	1.7	.6	.0	.0	.0	14.0
1968-1969	.0	.0	.0	.0	T	.3	6.2	6.7	T	.0	.0	.0	13.2
1969-1970	.0	.0	.0	.0	2.0	6.9	5.7	4.9	14.8	.0	.0	.0	34.3
1970-1971	.0	.0	.0	.0	T	1.0	.8	6.0	1.9	2.0	.0	.0	11.7
1971-1972	.0	.0	.0	.0	1.7	T	2.7	.7	T	.0	.0	.0	5.1
1972-1973	.0	.0	.0	.0	.5	2.5	.5	1.4	T	T	.0	.0	4.9
1973-1974	.0	.0	.0	.0	.0	9.9	1.0	0.6	2.9	.0	.0	.0	14.4
1974-1975	.0	.0	.0	.0	T	3.0	T	1.5	9.8	.0	.0	.0	14.3
1975-1976	.0	.0	.0	.0	4.0	7.2	2.6	4.5	1.1	.0	.0	.0	19.4
1976-1977	.0	.0	.0	.0	T	T	17.5	T	.0	.0	.0	.0	17.5
1977-1978	.0	.0	.0	.0	.0	1.0	22.1	5.9	6.7	.0	.0	.0	35.7
1978-1979	.0	.0	.0	.0	.0	1.3	16.4	23.9	4.0	.0	.0	.0	45.3
1979-1980	.0	.0	.0	.0	T	.0	3.3	5.7	2.1	0.5	.0	.0	11.6
1980-1981	.0	.0	.0	.0	6.1	T	6.3	.0	.0	.0	.0	.0	12.4
1981-1982	.0	.0	.0	.0	.0	.0	6.5	10.0	1.0	T	.0	.0	17.5
1982-1983	.0	.0	.0	.0	.0	.0	2.4	1.0	1.0	1.3	.0	.0	5.7
1983-1984	.0	.0	.0	.0	.0	3.8	4.0	14.0	2.6	.0	.0	.0	24.4
1984-1985	.0	.0	.0	.0	.0	5.5	18.0	4.7	.0	.0	.0	.0	28.2
1985-1986	.0	.0	.0	.0	.0	1.7	0.7	5.3	.0	.0	.0	.0	7.7
1986-1987	.0	.0	.0	.0	.0	T	8.3	3.3	0.9	.0	.0	.0	12.5
1987-1988	.0	.0	.0	.0	.0	3.3	2.3	0.5	2.3	.0	.0	.0	8.4
1988-1989	.0	.0	.0	.0	.0	4.1	.0	6.0	.0M	.0	.0	.0	10.1M

* Cairo data used, Anna data missing.

** Seasonal total calculated from Anna data and Cairo data.

T Trace, an amount too small to measure.

M One or more days of record missing; if average value is entered, less than 10 days record is missing.

ANNA STATION HISTORY

Systematic daily weather observations have been taken in Anna since January 1884, first under the auspices of the Signal Corps, followed by the U. S. Weather Bureau and the National Weather Service. Anna has one of the earliest weather records in the state, consisting of daily high and low temperature, precipitation, snowfall and snow on the ground.

The Anna Cooperative weather station is one of about 170 such observing sites in Illinois under the direction of the National Weather Service. The Anna data as well as other climatological data and information 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 Bldg.
Asheville NC 28801
704-259-0682