

SWS
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STATE OF ILLINOIS
DEPARTMENT OF ENERGY AND NATURAL RESOURCES

Local Climatological Data Summary
Fairfield, Illinois
1901 - 1990

by Audrey A. Bryan and Wayne Armstrong



SWS

Illinois State Water Survey

1991

LOCAL CLIMATOLOGICAL DATA FOR
FAIRFIELD ILLINOIS 1901-1990

Climatological Summary:

Fairfield (Wayne 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 Fairfield area is dominated by Pacific Ocean air. Four to six 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 44.94 inches. The highest temperature on record is 113°F recorded on 22 July 1901, whereas the lowest is -23°F occurring on 17 January 1977.

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 often 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 somewhat earlier and end later in southern Illinois than in the north. Summer winds are usually out of the southwest.

The greatest precipitation amount ever recorded in Fairfield in 24 hours was 6.76 inches on 8 May 1961, although more than 6 inches was also reported on 25 March 1913 and 27 October 1919. The greatest monthly total ever was 16.00 inches in October 1919.

Winters in southern Illinois are more mild than those in the north. First, even Arctic air is some 10°F warmer by the time it reaches southern IL counties. Average January highs are in the high 30s with lows near 20. Ground frost is common from January until February, but is variable from year-to-year. Average annual snowfall is about 15 inches.

Although Fairfield has experienced heavy snowstorms, snowfalls of 6 inches or more are not expected more than about once every other year in that area of the state. The month with the greatest snowfall ever in Fairfield was January 1977 with 21.5 inches. It is unusual for snowcover to continue in southern Illinois for more than a week or two, however there were 39 consecutive days with 1 inch or more during the 1976-77 winter. Indeed, 61 days recorded at least 1 inch on the ground during the 1977-78 winter.

Although Fairfield has experienced heavy snowstorms, snowfalls of 6 inches or more are rare. There were only 3 such events since the turn of the century. The greatest one day snowfall was 12 inches on 26 February 1906.

Climatological Summary
Means and Extremes For Period 1901-1990

Latitude W38 23
Longitude W88 19

Fairfield, Illinois
Elevation 425

Mon	Temperature					Degree Days			Precipitation			Snow													
	Means		Extremes		Number of Days			Heat	Cool	Grow	Greatest	Greatest	Number Days With		Greatest	Greatest									
	Ave Max	Ave Min	Ave High	Ave Low	max	min	>=90	<=32	<=0	Base 65F	Base 65F	Base 50F	Mean	Monthly Amount	Year	Daily+ Amount	Date	>=0.1	>=0.5	>=1.0	Mean	Mon	Year	Depth	Date
Jan	38.0	20.3	29.4	77 24/43	-23 17/77	0	11	26	3	1,114	0	5	2.30	12.23	1949	3.35	5/17	5	2	1	5.4	21.5	1977	16	22/18/
Feb	42.9	24.1	33.7	78 13/62*	-22 5/51	0	6	22	1	896	0	10	2.73	6.83	1909	3.14	9/65	5	2	1	4.2	19.5	1910	13	1/77
Mar	55.0	34.6	45.0	91 24/29	-8 6/60*	0	1	14	0	635	3	72	4.78	12.79	1945	6.13	25/13	8	3	1	2.3	18.0	1960	15	9/60
Apr	66.7	44.1	55.7	91 24/25*	17 7/90	0	0	4	0	317	22	210	4.51	11.11	1972	4.11	24/75	8	3	1	0.3	5.0	1971	3	6/71
May	76.3	53.1	64.9	98 26/11*	29 1/03	1	0	0	0	105	88	449	4.92	12.58	1961	6.76	8/61	7	3	1					
Jun	85.0	61.6	73.5	105 24/14*	39 1/72	8	0	0	0	9	251	691	3.93	8.82	1977	3.78	27/77	6	3	1					
Jul	88.2	65.5	77.1	113 22/01	45 26/11	13	0	0	0	1	361	824	4.16	12.51	1969	5.55	24/69	6	3	1					
Aug	86.4	63.2	75.0	108 4/18	43 29/86*	9	0	0	0	3	298	759	3.25	8.48	1927	3.29	7/85	5	2	1					
Sep	80.5	56.6	68.8	105 15/39	29 28/42	4	0	0	0	56	154	549	3.12	10.32	1926	4.05	3/26	5	2	1					
Oct	68.9	45.0	57.2	96 8/39	19 21/52*	0	0	4	0	283	27	248	3.42	16.00	1919	6.48	27/19	5	2	1	0.0	3.5	1925	1	30/25
Nov	55.0	36.1	45.8	85 1/33	-3 30/29	0	0	12	0	593	2	67	4.07	10.64	1985	4.25	3/36	6	3	1	0.7	9.0	1958	9	28/58
Dec	42.3	25.6	34.2	74 7/16*	-18 22/89	0	6	23	1	971	0	12	3.75	9.81	1982	4.00	3/82	7	3	1	2.9	14.7	1918	9	27/90
Ann	65.4	44.2	55.0			35	24	105	5	4983	1206	3896	44.94					73	31	12	15.8				

Means based on 1961-1990 data

+ Calendar Day

Extremes based on 1901-1990 data

/ Records also occurred on the following dates:

* Records also occurred on the following dates:

Jan: 1/23/18 and 1/27-28/77

Feb: 2/29/72

Mar: 3/5/78

Apr: 4/11/30

May: 5/27-28/11 and 5/30-31/34

Jun: 6/26/14, 6/30/31, and 6/28/34

Aug: 8/30/86

Oct: 10/29/52 and 10/24/81

Dec: 12/2/82

Probabilities: Precipitation (in) Missing Data: 0.6%
Station: (112931) Fairfield Years: 1961 To 1990

	1%	5%	10%	25%	50%	75%	90%	95%	99%
Ja	0.19	0.44	0.64	1.14	1.95	3.08	4.41	5.36	7.45
Fe	0.38	0.73	0.99	1.56	2.43	3.58	4.87	5.78	7.73
Ma	1.04	1.69	2.14	3.07	4.41	6.08	7.91	9.15	11.79
Ap	0.96	1.58	2.00	2.89	4.15	5.75	7.48	8.66	11.18
Ma	1.01	1.67	2.14	3.11	4.52	6.29	8.23	9.56	12.39
Jn	0.82	1.36	1.73	2.50	3.61	5.01	6.54	7.58	9.80
Ju	0.77	1.32	1.72	2.56	3.79	5.36	7.10	8.29	10.85
Au	0.57	1.00	1.31	1.97	2.94	4.19	5.58	6.53	8.58
Se	0.43	0.83	1.12	1.78	2.77	4.09	5.58	6.61	8.86
Oc	0.53	0.97	1.29	2.00	3.06	4.45	6.01	7.08	9.41
No	0.76	1.30	1.69	2.51	3.70	5.23	6.92	8.07	10.55
De	0.53	1.00	1.36	2.16	3.37	4.97	6.78	8.04	10.77
An	27.21	32.51	35.67	39.85	44.87	50.29	55.52	58.82	65.35
Wi	2.86	4.06	4.84	6.36	8.39	10.82	13.37	15.07	18.60
Sp	7.09	8.76	9.76	11.60	13.90	16.48	19.07	20.73	24.10
Su	4.72	6.18	7.08	8.78	10.97	13.50	16.08	17.76	21.22
Fa	4.74	6.08	6.90	8.43	10.38	12.61	14.86	16.33	19.33

Growing Season Summary
Station: (112931) Fairfield
Years: 1961 To 1990 Missing Data: 0.6%

Base Temp	Date of Last Spring Occurrence					Date of First Fall Occurrence				
	Median	Early	10%	90%	Late	Median	Early	10%	90%	Late
32	4/15	3/22	4/02	5/03	5/09	10/12	9/23	10/02	11/04	11/19
28	4/05	3/07	3/21	4/12	4/20	10/27	10/12	10/14	11/15	11/20
24	3/26	2/28	3/11	4/10	4/20	11/11	10/13	10/25	11/29	12/04
20	3/16	2/09	2/27	3/29	4/07	11/26	10/22	11/05	12/06	12/17
16	2/27	1/27	2/07	3/21	3/31	12/09	11/12	11/22	12/21	12/24

Base Temp	Length of Season (Days)				
	Median	Shortest	10%	90%	Longest
32	181	145	157	207	224
28	210	191	193	229	235
24	231	206	211	250	261
20	255	219	232	274	286
16	283	236	260	307	312

AVERAGE MAXIMUM TEMPERATURE

FAIRFIELD, ILLINOIS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	45.6	36.7	53.3	61.7	72.9	89.0	100.0	91.8	85.5	75.5	55.2	39.5	67.2
02	41.9	35.1	57.2	65.7	83.8	84.4	92.1	88.2	80.7	73.8	66.9	48.9	67.5
03	40.6	44.1	60.7	69.0	79.9	80.3	90.3	87.7	84.7	72.3	53.4	39.1	66.9
04	37.7	48.7	56.1	61.9	73.9	82.6	87.0	87.5	83.0	72.7	59.2	44.1	65.7
05	35.2	34.6	61.3	68.3	79.7	89.2	86.1	89.9	84.0	71.2	58.6	43.4	66.8
06	48.6	42.8	43.3	71.6	82.4	86.7	90.4	92.4	87.2	71.6	55.4	45.9	68.1
07	47.8	46.2	66.0	58.8	73.4	83.3	91.8	88.4	83.2	70.0	56.1	46.4	67.7
08	41.6*	41.1*	60.0*	67.0	78.5	86.3	92.0	92.8	90.0	75.0	60.7	50.3	69.4**
09	43.2	52.8	55.3	67.1	71.5	83.5	87.4	93.7	82.8	69.1	66.5	35.3	67.4
10	40.6	42.3	70.9	70.3	73.8	84.8	88.5	88.0	83.0	72.7	52.0	38.6	67.1
11	48.8	49.6	38.9	65.7	84.0	90.6	91.9	90.3	86.1	68.5	50.5	46.8	69.3
12	30.9	36.6	46.9	70.0	78.4	82.0	89.0	87.1	83.0	73.3	56.6	47.0	65.2
13	46.3	42.3	53.2	67.6	80.3	91.7	95.8	95.9	82.7	68.0	60.9	46.8	69.5
14	46.5	38.5	52.8	67.7	82.4	94.9	98.1	92.0	81.3	69.8	59.3	37.5	68.5
15	38.8	49.5	48.3	75.9	76.8	83.0	87.8	80.3*	83.5	72.9*	61.9	42.7	66.7**
16	47.4	41.8	54.3	64.0	79.6	82.0	94.0	89.9	89.2	71.6	59.6	44.2	67.4
17	45.2	44.3	59.0	66.9	71.1	83.6	89.5	89.0	83.0	63.0	57.2	34.4	65.5
18	26.4	47.5	65.8	64.3	84.9	86.7	89.1	91.4	74.6	72.6	55.0	52.8	67.5
19	47.5	45.5	59.1	68.9	72.3	86.9	93.3	88.8	87.8	74.6	54.8	41.7	71.0
20	37.3	43.7	57.6	62.8	75.6	86.5	89.3	85.3	83.4	74.3	53.2	44.5	66.2
21	46.2	47.5	67.1	69.8	80.0	90.7	95.9	89.0	86.1	78.2	59.0	47.5	70.8
22	40.6	47.0	57.3	78.0	80.7	88.1	89.4	98.3	87.7	74.1	58.6	47.8	69.5
23	46.6	39.9	54.9	67.2	74.5	84.7	90.4	88.6	79.9	66.9	57.8	55.2	67.3
24	37.2	43.1	47.3	69.9	71.3	84.9	86.0	89.7	78.9	79.1	57.5	41.1	65.5
25	42.3	53.8	62.1	75.2	75.3	89.6	90.3	89.9#	88.6	59.8	54.1	45.2	68.9##
26	43.0	46.3	50.3#	62.5M#	81.1#	83.3	93.9	89.3	82.7	69.4	51.0	42.1	66.4M##
27	40.6	54.5	37.0	68.5	74.9	81.0	87.4	82.1	83.3	75.3	60.1	43.6	67.8
28	45.1	44.6	54.9	62.3	74.5	78.6	90.0	89.2	79.3	70.7	49.3	48.1	65.6
29	37.8	38.4	62.5	70.4	74.5	84.4	91.0	88.7	81.0	68.5	51.6	45.0	66.2
30	36.2	53.1	55.7	70.7	78.6	88.1	96.3	92.0	82.7	68.5	56.4	43.0	68.5
31	46.2	50.8	49.8	68.3	73.5	90.7	94.4	85.5	87.3	73.6	63.8	52.7	70.0
32	49.4	54.8	50.2	69.7	79.2	89.5	94.3	89.4	81.8	68.9	51.7	44.8	68.7
33	52.7	45.6	55.4	66.6	77.7	91.4	92.9	90.0	90.5	71.5	57.4	51.1	70.4
34	44.4	42.1	56.1	71.6	84.3	95.6	97.6	90.6	81.9	77.2	62.9	41.5	70.7
35	45.1	50.4	64.4	64.8	73.3	82.6	93.2	91.5	85.4	73.0	54.8	37.6	68.0
36	35.3	38.3	61.6	63.4	82.6	91.5	98.3	96.6	83.2	67.6	54.4	49.0	68.5
37	45.5	43.7	53.2	66.3	78.8	86.8	90.8	94.5	82.8	67.7	54.2	39.7	67.0
38	43.3	54.4	64.4	71.2	78.7	85.4	92.0	92.7	85.7	79.3	60.5	45.9	71.1
39	47.5	46.5	61.1	64.7	81.0	86.6	91.3	89.7	92.1	71.5	55.4	48.4	70.2
40	27.5	41.5	54.0	66.4	75.1	86.3	92.0	92.1	86.0	80.0	55.7	50.6	67.3
41	43.0	41.6	51.4	72.8	82.3	88.4	92.5	91.9	88.0	74.5	58.6	49.1	69.7
42	42.9	41.5	59.8	71.7	77.3	85.5	89.4	86.9	82.0	71.9	58.8	41.0	67.5
43	45.1	52.8	52.4	67.2	75.6	87.9	91.4	94.3	78.9	70.7	54.2	43.0	67.8
44	46.9	50.3	55.7	66.2	80.5	90.7	94.0	90.0	81.2	72.3	55.2	37.6	68.2
45	58.3	47.5	65.9	67.2	72.5	80.0	86.4	86.9	80.9	68.5	55.9	37.4	65.6
46	43.5	51.8	68.5	71.4	71.8	85.8	89.3	83.2	81.5	75.6	61.4	51.1	69.6
47	46.0	38.9	47.0	67.0	73.7	82.0	84.4	93.2	80.8	79.7	58.1	47.5	65.9
48	35.9	44.9	56.1	70.8	74.7	85.6	87.9	88.3	82.3	67.7	57.9	50.6	66.9
49	45.7	48.3	55.8	61.8	77.8	83.6	89.3	87.6	76.3	72.8	58.6	51.0	67.4
50	51.0	47.0	51.6	64.8	78.9	84.1	84.3	84.3	78.7	77.0	49.1#	39.8	66.0##
51	42.5#	44.9#	53.6	63.7	79.1	82.8	86.5	86.1	77.6	71.3	48.4	44.4	65.1##
52	47.1	50.3	54.2	66.6	76.0	92.3	91.8	88.5	83.3	68.1	57.3	44.8	68.4
53	44.5	51.4	57.5	62.9	78.0	91.6	90.9	91.0	86.5	73.9	58.7	46.9	69.5
54	44.1	55.4	55.6	75.3	72.8	91.3	94.9	88.9	85.4	68.4	56.4	43.4	69.3
55	42.4	45.8	57.3	72.8	77.4	79.8	91.8	89.7	85.7	68.9	54.1	42.8	67.4
56	39.8	46.9	56.9	65.5	78.3	86.8	87.8	88.3	81.8	76.8	56.4	50.4	68.0
57	36.6	49.1	53.8	68.3	76.1	84.9	87.6	87.1	79.3	65.9	53.8	51.0	66.1
58	39.6	35.7	46.7	67.7	78.2	83.2	85.3	86.3	79.9	70.9	60.8	39.2	64.3
59	39.6	46.5	57.7	68.6	79.4	85.9	89.0	88.1	82.6	70.4	50.6	47.5	67.2
60	42.4	39.5	39.0	72.2	72.7	84.3	86.0	88.5	86.9	71.5	56.9	39.1	64.9
61	40.2	49.0	56.6	61.6	72.7	83.8	88.6	83.5	85.1	72.8	54.5	42.1	66.0
62	37.8	48.2	50.0	65.0	64.7	84.9	87.3	87.5	77.7	72.4	54.4	41.3	65.9
63	35.3	40.2	59.8	71.1	75.1	88.1	85.9	85.8	83.3	81.4	59.1	33.0	66.3
64	45.0	43.7	55.8	69.0	79.7	86.7	88.9	88.4	82.1	69.3	60.2	42.4	67.4
65	43.9	45.0	45.7	70.9	82.0	84.8	87.1	87.8	79.4	67.9	60.0	50.7	67.1
66	34.6	41.3	57.1	62.4	74.1	85.2	92.4	84.0	75.2	64.4	57.0	43.4	64.3
67	46.0	43.3	59.6	70.5	73.0	84.1	84.5	81.5	77.0	67.6	50.9	45.0	65.3
68	37.5	39.6	58.2	61.7	73.5	86.8	88.7	88.2	80.7	70.8	53.5	41.8	65.6
69	38.9	43.4	50.0	68.5	77.3	83.7	87.9	85.4	79.8	68.9	52.8	39.9	64.7
70	34.5	42.8	50.5	69.7	80.5M	82.4	87.1	86.1	85.9	67.8	53.4	47.5	65.7M
71	36.4M	43.6	53.5	68.0	72.0	89.1	84.5	86.3	84.0	76.3	56.4	51.5	66.9M
72	41.9	45.2	57.9	68.5	79.3	86.0	87.3	83.9	82.4	64.8	47.7	40.5	65.6
73	41.2	44.4	61.7	62.8	72.2	86.1	88.9	87.8	81.3	73.5	57.6	40.2	66.5
74	41.8	48.0	57.9	66.8	75.1	79.0	89.6	84.7	72.9	67.0	54.1	41.5	64.9
75	43.1	40.9	47.6	63.2	79.4	86.4	87.5	87.1	74.9	71.6	58.2	43.3	65.3
76	37.7	54.8	64.4	69.6	72.6	82.3	88.7	84.3	79.8	62.2	47.5	40.7	65.4
77	25.1	43.2	61.3	72.5	83.1	83.5	90.1	84.8	82.1	66.1	53.9	40.5	65.3
78	27.9	30.0	47.0	66.0	74.4	86.4	90.0	88.4	84.0	67.9	58.6	43.7	63.9
79	27.0	32.6	54.5	63.3	73.1	85.6	85.5	84.5	80.6	71.2	54.1	46.4	63.4
80	38.4	34.9	49.0	64.4	77.5	86.9	93.5	93.5	86.0	68.7	54.1	44.5	66.0
81	38.5	49.3	55.7	74.4	71.7	86.4	88.0	85.0	79.3	68.2	58.1	40.1	66.2
82	33.9	38.2	56.6	60.7	80.0	78.7	84.8	83.1	76.6	68.5	53.8	48.2	63.8
83	37.7	45.6	52.2	57.7	71.3	83.9	91.6	92.7	82.2	67.8	55.4	29.0	64.0
84	33.5	46.9	44.7	61.6	72.1	87.8	86.7	88.0	77.8	70.4	52.6	49.4	64.3
85	30.2	36.8	52.9	69.2	76.5	80.4	87.5	82.5	79.6	70.2	55.8	35.5	63.5
86	43.1	42.7	58.0	69.4	75.9	85.9	92.7*	82.9	82.7	72.2M*	48.8	40.9	66.5M**
87	37.4	46.2	58.2	67.1	82.5	87.0	87.8	87.9	83.3	63.4	59.8	45.3	67.2
88	35.8	40.6	54.3	67.8	80.3	89.4	90.5	90.3	81.3	68.4	55.6	44.9	66.1
89	47.6	34.9	55.3	86.0	71.9	82.0	86.2	85.6	76.4	70.5	54.9	30.6	63.7
90	51.1	49.0	58.2	64.0	71.5	84.7	87.8	85.8	80.6	66.4	60.7	44.4	67.0

* Abion data used, Fairfield data missing.
 # Mt. Vernon data used, Abion and Fairfield data missing.
 ** Averages calculated from Abion data and Fairfield data.
 ## Averages calculated from Mt. Vernon data and Fairfield data.
 M One to nine days record missing.

AVERAGE MINIMUM TEMPERATURE

FAIRFIELD, ILLINOIS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	26.2	19.8	33.9	40.3	51.7	64.8	69.2	64.0	53.7	42.7	28.1	21.2	42.9
02	21.4	15.9	37.9	41.8	58.5	66.6	65.3	62.3	53.3	45.6	41.6	24.8	44.1
03	21.9	24.6	39.2	43.8	55.8	57.0	65.0	63.7	54.0	44.5	28.6	19.0	43.1
04	16.6	20.8	34.8	39.0	52.9	60.8	63.4	60.7	58.4	43.0	32.4	24.1	42.3
05	17.9	15.2	37.9#	42.7	55.2	62.8	64.8	64.7	59.1	44.9	34.6	26.8	43.9#
06	27.9	19.1	28.7	46.8	54.3	62.8	62.4	66.3	61.8	46.2	32.9	30.0	45.0
07	29.3	24.6	45.1	37.5	49.2	59.8	67.6	63.5	56.4	44.4	31.3	29.4	44.7
08	24.0*	25.2*	38.8*	45.5*	56.0*	62.2	64.3	63.7	55.6	40.7	34.5	27.8	44.9**
09	26.3	29.2	33.7	43.7	51.1	63.2	62.8	64.0	54.0	40.4	43.2	18.7	44.2
10	23.8	15.5	41.7	44.0	49.7	58.3	67.1	61.4	59.3	46.5	29.0	20.8	43.1
11	26.3	30.2	33.3	42.4	54.5	63.1	63.2	64.5	62.6	47.8	30.5	31.8	45.9
12	11.7	19.3	28.6	45.5	55.8	57.9	67.8	63.8	57.7	44.2	33.7	26.9	42.8
13	28.5	20.5	32.3	43.1	52.8	62.2	67.5	66.3	58.4	44.2	41.8	32.3	45.9
14	30.7	19.0	32.5	45.4	53.1	66.1	66.2	66.0	56.8	48.5	35.7	22.6	45.3
15	20.5	32.4	29.4	47.6	50.5	61.3	65.5	66.1*	59.6	48.4*	37.4	27.7	45.1**
16	25.4	24.0	31.2	43.4	55.2	59.4	68.8	68.2	55.3	42.4	35.2	22.7	44.3
17	24.1	20.3	34.4	43.4	46.5	59.8	65.4	60.3	54.2	37.7	34.5	15.3	41.4
18	8.1	24.7	38.5	41.6	58.4	61.9	61.3	69.6	49.7	50.0	34.9	34.0	44.3
19	25.9	28.3	35.9	45.6	53.5	64.1	67.0	62.3	58.8	52.4	34.1	20.0	45.9
20	19.6	25.1	34.6	41.0	53.7	60.0	64.8	62.1	59.2	45.0	34.6	28.0	44.0
21	39.6	31.4	42.7	46.9	55.7	67.0	69.6	64.6	63.0	44.3	37.9	30.4	48.7
22	21.7	28.4	37.3	46.0	57.1	64.4	64.3	63.5	58.3	46.5	37.1	26.8	46.0
23	31.1	21.7	30.4	40.8	52.4	63.5	63.0	64.8	57.3	41.3	34.8	34.8	44.9
24	16.7	25.1	30.1	43.8	47.0	61.5	61.2	63.9	51.9	46.0	35.0	20.5	41.9
25	22.4	30.6	35.3	46.2	47.6	65.4	70.4	62.40	66.4	43.2	33.5	23.7	45.600
26	26.0	29.8	29.50	38.30	54.20	60.6	47.7	68.6	63.4	48.7	32.3	25.4	45.400
27	24.4	33.8	38.6	49.0	53.2	60.3	64.7	59.6	62.0	47.0	39.9	24.1	41.9
28	26.4	29.4	32.6	41.6	52.6	59.2	69.0	67.1	52.7	50.2	36.0	28.3	45.5
29	17.9	19.6	29.6	47.3	51.5	68.4	67.7	62.0	58.3	46.5	32.6	27.3	44.4
30	17.5	34.6	32.7	47.5	54.6	61.4	69.3	65.3	60.7	45.5	37.4	28.1	46.3
31	28.6	31.6	32.1	44.5	50.4	65.6	68.6	65.4	63.1	50.5	45.3	17.0	48.6
32	33.0	34.5	29.5	45.8	53.7	64.8	68.3	65.0	57.0	45.7	31.6	26.0	46.3
33	32.7	23.3	34.4	44.3	58.0	65.5	68.0	63.5	63.8	44.6	33.4	30.2	47.0
34	26.3	21.3	31.4	44.2	55.5	68.0	71.2	67.6	58.1	48.7	41.1	27.1	46.9
35	26.9	30.6	43.4	44.1	52.4	60.7	69.2	66.5	55.4	47.6	37.0	22.0	46.4
36	18.5	18.0	38.7	40.3	56.6	61.5	72.4	72.0	64.3	48.0	32.1	30.1	46.0
37	27.0	26.8	30.8	43.1	53.5	63.0	63.5	66.9	54.5	44.0	31.2	25.3	44.1
38	24.5	35.4	41.5	46.3	53.9	61.2	66.2	67.5	58.4	45.0	34.1	28.8	46.7
39	29.6	24.9	35.4	41.9	54.2	64.0	63.9	62.4	59.8	45.7	32.3	27.2	45.3
40	7.6	27.4	33.5	42.9	50.6	63.9	64.4	65.4	53.9	49.2	34.0	31.7	43.6
41	27.8	23.8	29.5	48.2	56.0	63.9	67.4	66.1	60.5	52.5	35.5	31.7	46.9
42	21.0	25.5	36.3	46.2	54.2	63.8	67.2	63.8	55.5	45.9	37.8	23.9	45.1
43	23.9	25.3	28.1	42.0	53.2	66.4	67.3	66.5	53.2	43.4	32.1	24.5	44.0
44	26.5	29.4	32.1	44.4	59.1	67.7	64.5	65.6	58.1	43.7	38.7	21.5	45.9
45	21.4	26.2	43.1	46.1	50.8	61.3	63.0	63.1	60.6	43.5	37.1	20.1	44.7
46	24.8	29.4	45.1	47.4	52.7	63.1	65.9	61.5	55.9	46.9	39.2	30.7	46.9
47	29.4	19.4	28.0	45.3	51.6	63.2	62.1	71.0	58.3	52.6	33.7	27.9	45.2
48	16.0	26.8	36.2	48.2	52.1	62.6	68.7	63.9	59.4	43.4	39.4	33.5	46.0
49	29.3	28.5	34.4	41.5	55.3	65.1	71.3	65.6	52.1	51.5	36.1	30.3	46.8
50	29.9	28.4	27.8	40.0	56.7	63.5	65.1	61.7	57.8	53.2	29.10	18.4	44.3#
51	25.0M	25.6	33.6	42.1	52.4	62.8	66.7	64.0	54.0	46.6	29.2	27.0	44.1M
52	28.5	31.2	33.8	43.0	53.5	67.7	67.0	63.1	52.0	37.6	34.8	30.4	45.2
53	30.3	29.2	36.4	41.5	56.2	67.6	66.3	61.7	54.1	44.5	39.2	25.7	45.6
54	25.0	33.0	32.1	49.0	50.2	64.9	68.6	67.8	58.6	47.3	34.1	29.2	46.7
55	24.5	28.4	35.2	49.4	56.2	58.7	71.2	65.7	57.5	45.7	31.0	23.7	45.6
56	21.5	31.7	34.3	42.1	56.2	61.6	65.7	63.4	52.8	47.5	33.3	34.0	45.5
57	21.1	33.6	34.2	48.3	54.5	64.6	66.6	64.5	56.0	42.4	34.6	32.7	46.1
58	24.6	16.9	31.5	44.4	52.3M	58.9	66.3	64.3	57.6	44.4	37.4	20.0	43.2M
59	28.1	26.8	32.9	44.9	57.9	61.2	63.9	67.7	57.4	45.3	29.3	32.2	45.0
60	28.1	25.1	20.4	46.0	49.9	61.0	63.1	64.7	59.3	47.2	34.8	22.1	43.5
61	19.0	29.3	38.4	40.8	48.9	59.0	64.8	62.6	58.7	46.6	36.6	25.7	44.2
62	18.9	29.0	33.1	41.8	60.6	62.4	64.5M	61.9	54.9	49.9	35.8	21.0	44.5M
63	14.6	18.1	37.4	46.7	52.3	61.5	64.5	61.8	54.2	50.1	36.8	13.1	42.8
64	24.4	24.1	33.5	49.0	56.3	63.8	64.7	62.6	54.9	39.6	37.4	26.2	44.8
65	23.8	23.4	27.8	47.7	58.4	62.6	63.9	62.3	58.6	43.1	38.4	32.2	45.2
66	18.0	24.2	35.0	43.3	48.9	57.9	66.2	59.7	53.8	40.1	36.7	28.9	42.7
67	27.5	22.6	39.0	48.2	52.5	63.0	62.4	58.8	54.0	45.8	33.1	29.3	44.7
68	20.3	20.6	34.6	44.8	52.1	62.9	63.0	66.2	53.2	43.3	38.1	27.1	44.2
69	23.5	29.2	26.6M	44.7	54.1	61.2	68.5	61.2	55.4	44.6	32.8	24.3	43.8M
70	14.7	22.8	33.1	46.6	55.8M	62.2	63.8	63.9	61.8	47.2	35.6	30.2	44.8M
71	19.1	25.2	31.3	41.9	48.8	65.9	63.7	61.3	59.9	52.7	37.3	35.9	45.3
72	22.3	23.9	33.9	44.8	53.8	58.0	64.5	64.2	62.2	45.5	35.8	26.7	44.6
73	26.2	26.8	44.9	45.9	51.1	63.0	67.2M	64.9	61.2	51.1	41.7	26.3	47.5M
74	27.6	28.5	37.3	43.5	52.0	57.1	65.2	63.1	51.8	40.6	35.8	27.2	44.1
75	24.4	25.1	28.7	40.5	56.6	63.0	63.8	66.5	53.7	46.9	39.7	29.6	44.9
76	20.2	33.2	40.8	43.3	48.8	61.4	63.9	59.2	51.9	39.3	26.1	19.6	42.3
77	5.0	22.8	39.0	48.0	56.5	61.7	65.1	65.6	61.1	44.0	39.8	23.0	44.6
78	12.0	12.5	30.2	45.1	52.0	60.9	65.4	63.2	58.5	42.3	39.2	27.0	42.4
79	12.4	14.0	36.1	43.5	50.5	60.3	66.3	64.4	54.9	45.9	34.8	28.5	42.6
80	24.4	16.3	31.3	42.3	54.3	60.3	69.4	68.1	58.7	41.5	35.2	27.8	44.3
81	19.8	26.3	32.7	50.1	50.7	66.2	67.5	63.9	55.5	45.1	37.4	22.7	44.9
82	12.9	19.8	34.0	38.0	56.3	58.1	66.6	61.2	55.3	44.5	35.9	33.7	43.0
83	25.0	26.9	34.6	39.9	50.1	58.9	67.0	66.5	55.4	47.1	36.3	15.2	43.6
84	16.3	26.8	30.0	43.4	49.7	65.3	62.1	62.9	54.9	52.3	32.6	31.8	44.2
85	13.6	19.8	37.6M	47.7	54.4	61.2	65.5	63.5	55.6	48.4	38.7	15.8	43.5M
86	21.1M	28.1	35.8	45.2	56.3	64.3	70.7*	59.6	60.6	49.2*	33.9	26.6	46.0M**
87	23.0	24.6	35.7	41.1	58.4	63.7	67.4	64.8	56.0	37.6	38.6	30.0	45.4
88	19.5	20.3	32.7	40.3	50.6	58.2	65.2	66.7	56.0	38.4	34.7	25.6	42.2
89	29.5	22.2	34.5	43.5	50.0	61.5	66.5	64.7	56.6	45.2	33.2	10.0	43.1
90	30.2	31.2	35.0	48.9	52.6	62.2	63.9	60.0	56.5	39.9	26.1	24.9	44.7

* Albion data used, Fairfield data missing.
 ** Annual averages calculated from Albion data and Fairfield data
 # Mt. Vernon data used, Albion and Fairfield data missing
 # Annual averages calculated from Mt. Vernon data and Fairfield data
 M One to nine days record missing.

AVERAGE TEMPERATURE

FAIRFIELD, ILLINOIS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	35.9	28.3	43.6	51.0	62.3	76.9	84.6	77.9	69.6	59.1	41.7	30.4	55.1
02	31.7	25.5	47.6	53.8	71.2	72.5	78.7	75.3	67.0	59.7	54.3	32.9	55.9
03	31.3	34.4	50.0	56.4	67.9	68.6	77.7	75.7	69.4	58.4	41.0	29.1	55.0
04	27.2	30.8	45.5	50.5	64.4	71.7	75.2	74.1	70.7	57.9	45.8	34.1	54.0
05	26.6	24.9	52.9#	55.5	67.5	76.0	75.5	77.3	71.6	58.1	46.6	35.1	55.6#
06	38.3	31.0	36.0	59.2	68.4	74.8	76.4	79.4	74.5	58.9	44.2	38.0	56.6
07	38.6	35.4	54.6	48.2	61.3	71.6	79.7	76.0	69.8	57.2	43.7	37.9	56.2
08	32.8*	33.2*	49.4*	56.3*+	67.3*+	74.3	78.2	78.2	72.8	57.9	47.6	37.9	57.3**
09	34.8	41.0	44.5	55.4	61.3	73.4	75.1	78.9	68.4	54.8	54.9	27.0	55.8
10	32.1	28.9	56.3	57.2	61.7	71.6	77.8	74.7	71.2	59.6	40.5	29.7	55.2
11	37.6	39.9	46.1	54.1	69.3	76.9	77.6	77.4	74.4	58.2	40.5	39.3	57.6
12	23.3	28.0	37.8	57.8	67.7	70.0	78.4	75.5	74.3	58.8	45.2	37.0	54.0
13	37.4	31.4	43.8	55.4	66.7	77.0	81.7	81.1	70.4	56.1	51.4	39.6	57.7
14	38.6	28.8	42.7	56.6	67.9	80.5	82.2	79.0	69.1	59.2	43.5	30.1	56.9
15	29.7	41.0	38.9	61.8	63.7	72.2	76.7	70.7*	71.6	60.6*	49.7	35.0	56.0**
16	36.4	32.9	42.8	53.7	67.4	78.7	81.4	79.1	67.8	57.0	47.4	33.5	55.9
17	34.7	32.3	46.7	55.2	58.8	71.7	77.5	74.5	68.6	50.4	45.9	24.9	53.5
18	15.8	36.0	52.2	53.0	70.2	74.5	76.2	81.5	62.2	61.3	45.0	43.4	56.0
19	36.7	36.9	47.5	57.3	63.0	76.5	80.2	75.6	73.3	63.5	44.5	30.9	57.2
20	28.5	34.4	46.1	51.9	64.7	73.3	77.1	73.3	71.3	59.7	43.9	36.3	55.1
21	37.9	39.5	54.9	58.4	67.9	78.9	82.8	76.8	75.0	57.5	48.5	39.0	59.8
22	31.2	37.7	47.3	58.5	68.9	76.3	77.0	76.8	73.0	60.3	48.4	37.3	57.8
23	38.9	30.8	42.7	54.0	63.5	74.1	77.7	76.7	68.6	54.1	46.3	45.1	56.1
24	37.0	34.1	38.7	56.9	59.2	73.2	73.6	76.8	65.4	62.6	46.3	38.8	53.8
25	32.4	42.2	48.8	54.9	61.6	77.5	80.4	76.2#	77.5	51.5	43.8	34.5	57.3#
26	34.5	38.1	39.9#	50.4M#	67.6#	73.0	80.8	79.0	73.1	59.1	41.7	33.8	55.9M##
27	32.5	44.2	47.8	58.8	65.1	70.7	76.1	70.9	73.7	61.2	50.0	35.9	57.1
28	35.8	37.0	44.3	52.0	63.6	68.9	79.5	78.2	66.0	60.5	42.7	38.2	55.6
29	37.9	29.0	51.1	59.0	63.0	72.4	79.4	75.4	69.7	57.5	43.1	36.2	55.3
30	26.9	43.9	44.2	59.1	66.6	74.8	82.8	78.7	71.7	57.0	46.9	35.9	57.4
31	37.4	41.2	41.0	56.4	61.9	78.2	81.5	77.0	75.2	62.1	54.6	44.9	59.3
32	41.2	44.7	39.9	57.8	66.5	77.2	81.4	77.2	69.4	57.3	47.7	35.4	57.5
33	42.7	35.5	44.9	55.5	67.9	79.5	80.5	76.8	77.2	58.1	45.4	40.7	58.8
34	37.4	31.7	43.8	57.9	69.9	81.6	84.4	79.1	70.0	63.0	52.0	34.3	58.8
35	36.0	48.5	53.9	54.5	62.9	71.7	81.2	79.0	73.4	60.3	45.9	29.8	57.2
36	36.9	28.2	50.2	51.9	69.6	76.5	85.5	84.3	73.8	57.8	43.3	39.6	57.3
37	36.3	35.3	42.0	54.8	66.2	74.9	77.1	80.7	66.7	55.9	42.7	32.5	55.6
38	33.9	44.9	53.0	58.8	64.3	75.3	79.1	80.1	72.1	62.2	47.3	33.0	58.9
39	58.6	35.7	46.5	55.3	67.6	75.3	76.6	76.1	76.0	61.6	43.9	37.8	57.7
40	17.6	34.5	44.2	54.7	62.9	74.6	78.2	78.8	70.0	64.6	44.9	41.2	55.5
41	35.4	32.7	40.5	60.5	69.2	76.2	80.0	80.0	74.3	63.5	47.1	40.4	58.3
42	32.0	33.5	46.1	59.0	65.8	74.7	78.3	75.3	68.8	59.4	48.3	32.5	56.3
43	34.5	39.1	40.3	54.6	65.5	77.2	79.4	80.4	66.1	57.1	43.2	33.8	55.9
44	36.7	39.9	42.9	55.3	69.8	79.2	79.3	77.8	69.7	58.0	47.0	28.6	57.1
45	29.9	36.9	54.5	56.7	61.7	70.7	74.7	75.0	70.8	56.0	46.5	28.8	55.2
46	34.2	40.6	56.8	59.4	62.3	74.5	77.6	72.4	68.7	61.3	50.3	40.9	58.3
47	37.8	29.2	37.5	56.2	62.7	72.6	73.3	82.1	69.6	66.2	41.9	37.7	55.6
48	26.4	35.9	46.2	59.5	63.4	74.1	77.3	76.1	71.0	55.6	48.7	42.1	56.4
49	37.5	38.4	45.1	51.7	66.6	74.4	80.3	76.6	64.2	62.2	47.4	40.7	57.1
50	40.5	37.7	39.7	52.4	67.8	73.8	74.7	73.0	68.3	65.5	39.1#	29.1	55.1#
51	33.8#+	33.8#+	43.6	52.9	65.8	72.8	76.6	75.1	65.8	59.0	38.8	35.7	54.5#
52	37.8	40.8	44.0	54.8	64.8	80.0	79.4	75.6	67.7	52.9	46.1	37.6	56.8
53	37.4	40.5	47.0	52.2	67.1	79.6	78.6	76.4	70.3	59.2	46.0	36.3	57.5
54	34.6	44.2	43.9	62.2	61.5	78.1	81.8	78.4	72.0	57.9	45.3	36.3	58.0
55	33.5	37.1	46.3	61.1	66.8	69.3	81.5	77.7	71.6	57.3	42.6	33.3	56.3
56	30.7	39.3	45.6	53.8	67.3	74.2	76.8	76.9	67.3	62.2	44.9	42.2	56.8
57	28.9	41.4	44.0	58.3	65.3	74.8	77.1	75.8	67.7	54.2	44.2	41.9	56.1
58	32.1	26.3	39.1	56.1	65.3M	71.1	75.8	75.4	68.8	57.7	49.1	29.6	53.9M
59	29.9	36.7	43.3	56.8	68.7	73.6	76.5	77.9	70.0	58.0	40.0	39.9	56.1
60	35.3	32.3	39.7	59.1	61.5	72.7	74.6	76.6	73.1	59.4	45.9	30.6	54.2
61	29.6	39.2	47.5	51.2	60.8	71.4	76.7	74.0	71.9	59.7	45.6	33.9	55.1
62	28.4	38.6	41.6	53.4	72.7	73.7	75.9M	74.7	66.3	61.2	45.1	31.2	53.2M
63	25.0	29.2	48.6	58.9	63.7	74.8	79.2	73.8	68.8	65.8	48.0	24.1	54.7
64	35.2	33.9	44.7	59.0	68.0	75.3	76.8	75.5	68.5	54.5	48.8	34.3	56.2
65	33.9	34.2	36.8	59.3	70.2	73.7	75.5	75.1	69.0	55.5	49.2	41.5	56.2
66	36.3	32.8	46.1	52.9	61.5	71.6	79.3	71.9	64.5	52.3	46.9	36.2	53.5
67	36.8	33.0	49.3	59.4	62.8	73.6	73.5	70.2	65.5	56.7	42.0	37.2	55.0
68	28.9	30.1	46.4	56.3	62.8	74.9	76.9	77.2	68.0	57.1	45.8	34.5	54.9
69	31.2	36.3	38.3M	56.6	65.7	72.5	78.2	73.3	67.6	56.8	42.8	32.1	54.3M
70	24.6	32.8	41.8	58.2	68.2M	72.3	75.3	75.0	73.9	57.5	44.5	38.9	55.3M
71	27.8M	34.4	42.4	55.4	60.8	77.5	74.1	73.8	72.0	64.5	46.9	43.7	56.1M
72	32.1	34.6	45.9	56.7	66.6	72.0	76.0	75.1	72.3	55.2	41.8	33.6	55.2
73	33.7	35.6	53.3	54.4	61.7	74.6	78.1M	76.4	71.3	62.3	49.7	33.3	57.0M
74	34.7	38.3	47.6	55.2	63.6	68.1	77.4	73.9	62.4	53.8	45.0	34.4	54.5
75	33.8	33.0	38.2	51.9	68.0	74.7	75.7	76.8	64.3	59.3	49.0	36.5	55.1
76	29.0	44.0	52.6	56.5	60.7	71.9	76.3	71.8	65.9	50.8	36.8	50.2	53.9
77	14.1	33.0	50.2	60.3	69.8	73.6	79.1	75.2	71.6	55.1	46.9	31.8	55.1
78	20.0	21.3	38.6	56.6	63.1	73.7	77.7	75.8	71.5	55.1	48.9	35.4	53.1
79	19.7	23.5	45.3	53.4	62.8	73.0	73.9	74.5	67.8	58.6	44.5	37.5	53.0
80	31.4	26.6	40.2	53.4	65.9	75.6	81.5	80.8	72.4	55.1	44.7	36.2	55.2
81	29.2	37.8	44.2	62.3	61.2	76.3	77.8	74.5	67.4	56.7	47.8	31.9	55.6
82	23.4	29.0	45.3	49.4	68.2	68.4	76.7	72.2	66.0	54.5	44.9	41.0	53.4
83	31.4	36.3	43.4	48.8	60.7	71.4	79.3	80.1	68.8	57.5	45.9	22.1	53.8
84	25.9	36.9	37.4	52.5	60.9	76.6	74.4	75.5	66.4	61.4	42.6	40.6	54.3
85	21.9	28.3	47.8	58.5	65.5	70.8	76.5	73.0	67.6	59.3	47.3	25.7	53.5
86	32.1	35.4	46.9	57.3	66.1	75.1	81.7*	71.3	71.7	60.8M	41.4	33.8	55.7M**
87	38.2	37.4	47.0	54.1	70.5	75.4	77.6	76.4	69.7	50.5	49.2	37.7	56.3
88	27.7	30.5	43.5	54.1	65.5	73.8	77.9	78.6	68.7	50.4	45.2	34.3	54.2
89	38.6	29.6	44.9	54.8	61.0	71.8	76.4	75.2	65.5	57.9	44.1	20.3	53.4
90	40.7	40.1	48.1	52.5	62.1	73.5	75.9	72.9	68.6	53.2	48.4	34.7	55.9

* Alton data used, Fairfield data missing
 # Mt. Vernon data used, Fairfield and Alton data missing
 *+ Mean temperature calculated from Fairfield average monthly maximum and Alton monthly minimum temperatures.
 #+ Mean temperature calculated from Mt. Vernon average monthly maximum and Fairfield average monthly minimum temperatures.
 ** Annual averages calculated from Fairfield data and Alton data.
 ## Annual averages calculated from Fairfield data and Mt. Vernon data.
 M One to nine days record missing.

COOLING DEGREE DAYS¹

FAIRFIELD, ILLINOIS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	SEASONAL TOTAL
1901	0	0	0	0	56	337	608	400	174	2	0	0	1597
02	0	0	0	0	202	223	423	319	132	12	0	0	1315
03	0	0	0	0	148	161	394	332	171	0	0	0	1206
04	0	0	0	0	90	207	316	282	192	0	0	0	1087
05	0	0	0 ⁰	0	141	330	326	381	305	0	0	0	1383 ⁰⁰
06	0	0	0	9	153	294	353	446	285	0	0	0	1542
07	0	0	0	0	39	205	456	341	177	0	0	0	1218
08	0 ⁰	0 ⁰	0 ⁰	0 ⁰	138 ⁰⁺	279	409	409	234	0	0	0	1469 ⁰⁺
09	0	0	0	0	35	225	313	431	161	0	0	0	1196
10	0	0	0	0	45	205	397	501	199	11	0	0	1158
11	0	0	0	0	171	337	391	384	282	0	0	0	1585
12	0	0	0	0	144	180	415	326	187	0	0	0	1252
13	0	0	0	0	127	360	518	499	187	0	0	0	1691
14	0	0	0	0	148	463	333	434	166	4	0	0	1750
15	0	0	0	0	78	216	363	194 ⁰	205	28 ⁰	0	0	1084 ⁰⁺
16	0	0	0	0	139	192	508	437	145	0	0	0	1421
17	0	0	0	0	0	207	387	282	158	0	0	0	1040
18	0	0	0	0	0	183	279	347	312	56	39	0	1418
19	0	0	0	0	67	345	471	529	249	75	0	0	1536
20	0	0	0	0	95	249	375	270	200	12	0	0	1201
21	0	0	0	0	148	417	552	366	308	0	0	0	1783
22	0	0	0	0	164	339	372	366	240	23	0	0	1504
23	0	0	0	0	75	273	394	363	158	0	0	0	1263
24	0	0	0	0	4	246	267	366	107	61	0	0	1051
25	0	0	0	0	32	44	375	477	375	0	0	0	1650 ⁰⁰
26	0	0	0 ⁰	0 ⁰	143 ⁰	240	490	434	243	2	0	0	1572 ⁰⁰⁰
27	0	0	0	0	101	192	344	197	261	37	0	0	1132
28	0	0	0	0	77	163	450	409	115	26	0	0	1240
29	0	0	0	0	5	67	222	446	322	176	0	0	1238
30	0	0	0	0	7	126	294	552	425	207	0	0	1611
31	0	0	0	0	49	396	512	372	306	32	0	0	1487
32	0	0	0	0	124	366	508	378	171	0	0	0	1547
33	0	0	0	0	148	433	481	366	366	0	0	0	1796
34	0	0	0	0	181	504	601	437	180	67	0	0	1970
35	0	0	0	0	66	207	302	434	187	23	0	0	1419
36	0	0	0	0	176	345	636	598	264	0	0	0	2019
37	0	0	0	0	119	297	375	487	180	0	0	0	1438
38	0	0	0	0	121	249	437	468	213	54	0	0	1342
39	0	0	0	0	143	309	422	344	330	44	0	0	1592
40	0	0	0	0	66	288	409	428	180	94	0	0	1463
41	0	0	0	29	169	336	463	465	279	75	0	0	1818
42	0	0	0	5	113	291	412	319	161	7	0	0	1308
43	0	0	0	0	108	366	446	477	117	0	0	0	1514
44	0	0	0	0	179	426	443	397	176	0	0	0	1621
45	0	0	0	0	45	192	301	310	193	0	0	0	1041
46	0	0	0	12	56	285	391	229	160	39	0	0	1172
47	0	0	0	0	62	228	257	530	174	119	0	0	1370
48	0	0	0	14	73	273	381	144	195	0	0	0	1280
49	0	0	0	0	126	282	474	360	88	54	0	0	1384
50	0	0	0	0	146	264	301	248	153	108	0 ⁰	0	1220 ⁰⁰
51	0 ⁰⁺	0 ⁰⁺	0	0	113	234	360	313	113	1	0	0	952 ⁰⁰
52	0	0	0	0	97	430	446	335	143	0	0	0	1471
53	0	0	0	0	135	438	422	353	184	5	0	0	1537
54	0	0	0	55	43	392	321	415	210	0	0	0	1637
55	0	0	0	38	139	168	512	394	196	0	0	0	1440
56	0	0	0	0	138	276	366	369	137	54	0	0	1540
57	0	0	0	0	105	294	375	335	143	0	0	0	1282
58	0	0	0	0	105 ^M	183	335	322	160	4	0	0	1105 ^M
59	0	0	0	0	161	258	337	400	180	0	0	0	1356
60	0	0	0	6	39	231	298	360	243	8	0	0	1179
61	0	0	0	0	31	192	363	279	207	13	0	0	1085
62	0	0	0	0	239	261	336 ^M	301	121	38	0	0	1298 ^M
63	0	0	0	3	79	294	316	273	160	113	0	0	1238
64	0	0	0	5	149	309	366	326	156	0	0	0	1311
65	0	0	0	9	185	261	326	313	164	0	0	0	1258
66	0	0	0	0	43	198	443	214	93	0	0	0	991
67	0	0	0	11	64	258	264	185	108	0	0	0	890
68	0	0	0	0	64	297	369	378	148	0	0	0	1256
69	0	0	0	0	112	225	409	257	141	0	0	0	1144
70	0	0	0	0	153 ^M	219	326	310	267	0	0	0	1273 ^M
71	0	0	0	0	31	375	282	273	210	92	0	0	1263
72	0	0	0	0	126	210	341	313	219	0	0	0	1209
73	0	0	0	0	46	288	406 ^M	353	189	56	0	0	1338 ^M
74	0	0	0	0	77	150	384	276	59	0	0	0	946
75	0	0	0	0	149	291	332	366	89	6	0	0	1233
76	0	0	0	0	29	210	350	232	115	0	0	0	916
77	0	0	0	23	179	258	437	316	205	0	0	0	1420
78	0	0	0	0	70	261	394	335	200	0	0	0	1260
79	0	0	0	0	64	240	338	295	145	0	0	0	1082
80	0	0	0	0	115	258	312	490	222	0	0	0	1597
81	0	0	0	37	37	330	397	295	139	9	0	0	1264
82	0	0	0	0	152	155	363	223	115	0	0	0	1008
83	0	0	0	0	29	202	443	468	162	0	0	0	1300
84	0	0	0	0	33	348	291	326	122	40	0	0	1160
85	0	0	0	0	108	193	357	248	142	6	0	0	1054
86 [#]	0	0	0	0	117	303	318 [*]	204	207	313 ^M	0	0	1380 ^{M**}
87	0	0	0	0	190	312	391	353	176	0	0	0	1422
88	0	0	0	0	108	264	400	422	160	0	0	0	1354
89	0	0	0	0	34	204	353	316	124	0	0	0	1031
90	0	0	0	0	52	255	338	245	157	0	0	0	1047

¹Cooling degree days based on mean monthly temperatures as opposed to accumulated daily values.

⁰ Albion data used, Fairfield data missing.

⁰⁰ Mt. Vernon data used, Albion and Fairfield data missing.

⁰⁺ Mean temperature for computing degree days was calculated from Fairfield average monthly maximum and Albion average monthly minimum temperatures.

[#] Mean temperature for computing degree days was calculated from Mt. Vernon average monthly maximum and Fairfield average monthly minimum temperatures.

^{**} Totals calculated from Albion and Fairfield data

^M Totals calculated from Mt. Vernon and Fairfield data

^M One in nine days record missing

HEATING DEGREE DAYS¹

FAIRFIELD, ILLINOIS

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1900-1901							902	1028	663	420	344	0	
01-02	0	0	26	198	699	1073	1032	1106	539	336	0	0	5009
02-03	0	0	68	188	321	995	1045	857	465	258	52	39	4288
03-04	0	0	29	211	720	1113	1172	992	605	435	110	0	5387
04-05	0	0	8	220	576	958	1190	1123	496#	285	59	0	4915##
05-06	0	0	0	216	352	927	828	952	899	192	44	0	4610
06-07	0	0	0	202	624	837	818	829	322	504	160	0	4296
07-08	0	0	23	242	639	840	998*	922*	484*	261**	62**	0	4471**
08-09	0	0	0	220	522	803	936	672	636	268	161	0	4238
09-10	0	0	45	316	303	1178	1017	1011	270	234	154	0	4528
10-11	0	0	1	189	735	1094	849	703	586	327	29	0	4513
11-12	0	0	0	214	735	797	1353	1073	843	218	56	20	5309
12-13	0	0	13	204	594	868	856	941	657	288	72	0	4499
13-14	0	0	13	276	408	787	818	1014	691	252	52	0	4311
14-15	0	0	34	196	525	1082	1094	672	809	151	121	0	4684
15-16	0	6*	0	172*	459	930	887	931	688	339	61	0	4482**
16-17	0	0	55	248	528	976	939	916	567	294	201	0	4724
17-18	0	0	42	453	573	1243	1323	812	397	360	14	0	5419
18-19	0	0	144	161	600	870	877	789	543	231	133	0	4328
19-20	0	0	0	125	615	1057	1131	887	586	393	105	0	4899
20-21	0	0	0	188	633	890	840	714	313	205	52	0	3835
21-22	0	0	0	239	495	806	1048	764	549	203	36	0	4140
22-23	0	0	0	177	498	859	809	957	691	330	125	0	4446
23-24	0	0	42	388	561	617	1178	896	815	243	195	0	4085
24-25	0	0	93	139	561	1060	1011	638	502	168	156	0	4328
25-26	0	0#	0	418	636	945	945	753	778#	438M#	57#	0	4970M##
26-27	0	0	0	198	699	967	1007	582	533	199	98	0	4292
27-28	0	3	0	163	450	964	905	812	642	390	123	38	4490
28-29	0	0	84	174	669	831	1150	1008	431	195	133	0	4675
29-30	0	0	24	232	687	893	1181	591	645	194	74	0	4521
30-31	0	0	0	248	543	911	856	666	744	258	151	0	4377
31-32	0	0	0	148	312	623	738	589	778	216	75	0	3479
32-33	0	0	29	239	699	918	691	826	623	285	52	0	4362
33-34	0	0	0	216	588	753	856	932	657	213	20	0	4235
34-35	0	0	20	133	390	952	899	686	344	315	134	0	3873
35-36	0	0	13	177	573	1091	1181	1067	459	399	24	0	4978
36-37	0	0	0	223	651	787	890	832	713	306	80	0	4482
37-38	0	0	41	282	669	1008	964	563	372	199	99	0	4177
38-39	0	0	0	146	531	902	818	820	518	551	57	0	4143
39-40	0	0	0	156	633	843	1469	865	645	309	135	0	3075
40-41	0	0	21	107	603	738	918	904	760	172	31	0	4254
41-42	0	0	0	125	537	763	1023	882	524	195	87	0	4156
42-43	0	0	40	192	501	1008	946	725	766	312	92	0	4582
43-44	0	0	83	243	645	967	877	728	685	291	21	0	4551
44-45	0	0	25	215	540	1097	1088	787	326	249	154	9	4490
45-46	0	0	8	279	555	1122	955	683	254	189	144	0	4489
46-47	0	0	41	161	441	747	843	1002	853	264	138	0	4490
47-48	0	0	27	80	693	846	1197	844	583	188	126	0	4584
48-49	0	0	5	291	489	710	853	745	617	399	74	0	4183
49-50	0	0	113	146	528	753	790	764	784	378	54	0	4280
50-51	0	0	48	92	777#	1113	967#+	874#+	663	363	87	0	4984##
51-52	0	0	87	199	786	908	843	702	651	306	103	0	4585
52-53	0	0	57	375	567	849	896	692	558	384	66	0	4404
53-54	0	0	16	195	370	890	942	582	645	145	138	0	4152
54-55	0	0	0	220	589	890	977	781	580	162	70	32	4301
55-56	0	0	0	239	672	983	1063	745	691	326	62	0	4701
56-57	0	0	63	146	603	707	1119	661	651	207	95	0	4252
57-58	0	0	57	335	624	716	1020	1084	803	267	95M	3	5004M
58-59	0	0	40	226	477	1097	1088	792	611	246	39	0	4616
59-60	0	0	21	215	750	778	921	948	1094	194	161	0	5082
60-61	0	0	0	191	573	1086	1097	722	543	414	169	0	4776
61-62	0	0	0	187	582	964	1133	739	725	548	0	0	4680
62-63	0	0	79	362	597	1048	1240	1002	508	197	121	0	4954
63-64	0	0	40	87	510	1268	924	902	629	195	51	0	4606
64-65	0	0	44	323	486	952	964	862	874	191	15	0	4711
65-66	0	0	36	295	474	729	1200	902	586	363	158	0	4743
66-67	0	0	108	394	543	893	874	896	487	189	136	0	4520
67-68	0	15	92	257	690	862	1119	1012	577	261	136	0	5021
68-69	0	0	52	245	576	946	1048	804	828M	252	89	0	4840M
69-70	0	0	59	254	666	1020	1252	902	719	208	47M	0	5127M
70-71	0	0	0	233	615	809	1153M	837	701	288	168	0	4825
71-72	0	0	0	108	543	660	1020	882	592	249	74	0	4128
72-73	0	0	0	304	696	923	970	823	363	318	154	0	4601
73-74	0	0	0	144	459	983	939	748	539	294	123	51	4280
74-75	0	0	141	347	600	949	967	896	831	393	51	0	5125
75-76	0	0	111	194	480	884	1116	609	384	225	171	0	4204
76-77	0	0	87	440	846	1079	1578	896	459	175	21	0	5581
77-78	0	0	0	307	543	1029	1395	1224	818	252	130	0	5698
78-79	0	0	0	307	483	918	1404	1168	611	348	136	0	5375
79-80	0	0	56	205	615	853	1042	1114	769	348	85	0	5087
80-81	0	0	0	307	609	893	1110	762	645	143	162	0	4631
81-82	0	0	62	257	516	1026	1290	1008	611	468	47	46	5331
82-83	0	0	84	264	603	744	1042	804	670	686	171	0	4866
83-84	0	0	40	233	573	1330	1212	815	856	375	167	0	5401
84-85	0	0	78	159	672	756	1336	1028	523	203	92	8	4865
85-86	0	0	59	194	531	1218	1020	829	561	231	82	0	4725
86-87	0	0	0	223M*	708	967	1079	773	358	327	30	0	4645M**
87-88	0	0	25	450	474	846	1156	1001	667	327	92	0	5038
88-89	0	0	41	453	594	952	818	991	623	306	166	0	4944
89-90	0	0	76	220	627	1386	753	697	524	375	148	0	4806
90-91	0	0	43	336	498	939							

* Albion data used, Fairfield data missing

Mt. Vernon data used, Albion and Fairfield data missing

*+ Mean temperature for computing degree days was calculated from Fairfield average monthly maximum and Albion average monthly minimum temperatures

Mean temperature for computing degree days was calculated from Mt. Vernon average monthly maximum and Fairfield average monthly minimum temperatures.

** Totals calculated from Albion and Fairfield data

Totals calculated from Mt. Vernon and Fairfield data

M One to nine days record missing

¹Heating degree days based on mean monthly temperatures as opposed to accumulated daily values.

TOTAL PRECIPITATION
FAIRFIELD, ILLINOIS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	1.03	1.91	3.64	2.83	1.82	1.81	1.58	2.61	1.84	3.09	1.31	4.84	28.31
02	4.48	1.00	3.65	1.78	2.97	4.55	1.83	3.29	1.55	.76	3.18	4.11	30.15
03	1.68	3.19	3.34	3.54	3.37	2.07	4.41	7.12	1.40	2.14	.81	2.67	35.74
04	3.04	2.13	9.72	2.86	3.90	2.78	4.90	6.83	6.04	.34	.70	2.63	45.89
05	1.99	1.27	2.73	3.98	2.87	3.89	3.06	3.99	2.31	6.93	1.84	3.40	40.28
06	3.99	1.90	3.39	2.28	.70	3.45	2.45	3.68	5.43	2.95	4.50	4.14	38.86
07	7.39	.30	3.34	3.33	5.40	5.74	4.76	5.58	1.03	2.32	2.61	2.96	45.76
08	2.56*	6.53*	4.99*	5.30	8.20	1.21	2.59	2.61	.35	.00	.21	1.02	38.41**
09	3.02	6.83	3.91	6.18	3.17	3.95	5.35	1.05	4.10	1.86	3.60	2.34	43.36
10	2.40	3.87	.08	3.20	3.77	1.14	5.20	1.54	6.33	7.45	.96	1.91	37.87
11	1.40	2.19	2.00	6.21	1.20	3.89	.84	2.53	6.80	2.01	2.64	2.91	34.62
12	1.85	3.09	4.45	5.42	3.20	8.06	7.41	4.87	3.53	.54	2.87	1.58	46.86
13	10.18	1.05	12.43	3.90	2.30	1.48	1.41	3.46	4.65	4.08	4.40	1.84	50.98
14	2.30	3.82	3.36	3.36	.12	1.14	1.46	7.13	3.58	3.86	.89	3.27	34.31
15	4.04	2.34	1.00	T	6.95	5.59	3.47	7.57*	2.16	1.09*	2.61	4.71	41.73**
16	8.76	1.30	1.79	1.16	3.60	5.24	1.85	5.94	3.90	2.66	1.63	2.92	40.75
17	5.94	.56	2.67	7.40	3.03	4.94	3.26	2.58	.35	4.17	1.67	1.60	38.17
18	3.61	1.16	.95	6.44	4.22	7.46	1.06	4.70	3.52	2.78	2.35	7.17	45.42
19	.75	1.75	4.76	3.55	8.33	6.27	1.03	3.57	.75	16.00	4.40	1.77	52.99
20	2.81	1.42	4.72	2.35	8.27	2.09	3.47	5.33	4.04	2.35	1.62	3.52	41.99
21	2.12	1.10	5.47	3.22	1.00	4.74	1.81	5.26	5.25	1.44	5.45	4.03	40.89
22	1.13	1.80	9.08	4.94	2.76	3.95	1.66	1.25	.46	3.07	2.02	5.71	37.86
23	2.58	2.17	4.28	3.40	4.69	3.70	2.96	4.82	4.48	3.29	1.79	6.39	44.46
24	2.75	2.27	2.99	2.48	4.38	6.50	2.78	.94	1.63	.46	1.70	2.43	31.43
25	.79	2.19	1.15	2.19	2.37	5.11	1.07	.95	6.20	4.59	4.43	1.55	32.59
26	2.35	2.87	3.16#	3.02#	1.31#	1.50	3.61	2.61	10.32	4.18	3.05	1.80	39.78#
27	3.63	1.02	3.39	8.04	12.05	4.49	7.00	8.46	3.75	1.59	4.33	4.84	63.81
28	1.31	4.09	1.06	2.89	1.77	9.02	1.43	3.62	1.26	4.31	3.23	2.64	36.63
29	3.75	2.37	2.74	4.00	9.31	5.64	3.77	2.54	2.49	3.24	2.03	3.71	45.39
30	7.44	3.50	1.76	1.33	1.90	1.64	.21	2.03	3.29	2.56	1.76	1.37	30.18
31	.57	1.06	2.36	3.47	1.62	1.16	2.20	6.61	7.23	2.63	5.16	4.53	40.60
32	5.70	1.02	1.11	2.67	1.43	1.76	1.80	5.77	6.08	1.72	1.97	5.66	41.89
33	2.75	1.62	5.51	3.70	9.06	.48	2.53	5.20	6.47	2.31	.92	3.07	38.72
34	1.34	1.29	3.32	2.06	2.16	1.10	3.15	3.06	6.18	.83	6.30	2.14	35.13
35	4.81	.64	6.63	3.84	9.46	3.50	2.76	2.69	3.33	2.27	3.64	1.40	48.19
36	1.30	2.01	2.68	3.18	.78	1.56	1.70	.76	4.28	3.72	4.44	3.56	29.87
37	10.96	1.62	1.46	6.28	3.27	5.11	2.37	1.92	4.81	4.89	2.31	2.91	47.71
38	1.86	2.81	5.61	1.65	3.95	1.36	4.64	3.06	2.90	.70	3.21	1.76	36.71
39	4.88	3.33	3.70	6.90	2.39	4.59	2.74	4.07	.81	1.48	1.62	1.84	38.35
40	1.75	3.53	1.79	6.59	3.94	2.82	.92	2.45	.66	.88	3.30	3.07	31.70
41	1.68	1.38	1.12	2.69	2.31	4.23	3.08	1.59	2.31	9.39	3.06	2.53	35.37
42	1.95	3.17	3.89	2.05	3.97	8.74	1.44	1.68	1.43	2.10	5.20	1.63	29.36
43	.79	1.28	2.45	4.40	10.18	5.11	1.92	.18	4.15	2.89	2.52	2.14	38.01
44	.66	3.29	3.84	6.55	2.74	.60	1.10	5.13	1.76	1.69	1.67	1.76	30.79
45	1.36	4.99	12.79	5.91	5.30	6.91	1.62	6.78	4.91	2.67	4.56	1.69	59.57
46	2.13	4.25	1.62	2.20	12.16	3.26	1.94	6.38	2.77	2.04	6.31	2.79	47.85
47	2.96	T	2.19	8.10	4.13	5.55	3.02	6.78	4.22	3.50	2.75	2.00	45.00
48	3.71	2.43	3.47	2.66	4.63	4.44	9.13	.38	3.39	2.07	6.28	1.27	44.02
49	12.23	2.99	5.51	1.19	2.89	8.30	1.66	4.70	5.53	7.38	1.03	3.62	56.78
50	11.39	5.82	3.49	7.25	3.76	2.16	2.20	4.71	3.14	.47	7.32*	1.13	52.84**
51	2.75M	4.72M	1.47	2.82	1.87	4.81	4.66	1.84	4.23	4.44	6.09	4.59	46.09M
52	2.14	2.77	6.76	3.26	2.47	2.94	4.66	1.26	2.10	1.38	3.94	2.68	36.38
53	3.37	1.80	4.42	4.05	4.34	4.51	1.50	.56	.51	2.17	.81	1.07	20.54
54	2.63	2.09	1.31	4.18	3.08	1.61	3.48	5.26	3.02	3.01	.96	3.70	36.33
55	1.50	4.80	3.98	4.58	5.19	4.76	3.67	2.96	2.11	4.02	4.24	.38	43.47
56	1.31	3.54	3.54	4.05	3.23	2.95	3.48	3.37	2.05	1.38	2.84	2.65	35.39
57	2.59	3.51	3.42	7.27	8.77	4.94	8.37	3.16	3.04	3.52	5.90	6.60	61.09
58	2.96	.67	3.89	3.10	3.09	4.75	9.19	3.42	2.27	.93	6.05	1.14	41.46
59	3.36	3.20	2.56	2.19	7.79	.70	3.54	6.90	3.74	4.47	1.97	4.79	47.23
60	2.13	2.15	3.06	2.13	5.21	5.44	3.05	2.68	.37	2.95	4.59	2.58	35.71
61	.85	2.18	5.85	4.50	12.58	5.89	5.64	2.22	1.17	2.98	4.67	4.68	54.21
62	4.92	4.76	1.90	1.49	3.90	4.90	4.52	3.02	4.50	2.75	1.64	2.74	43.04
63	.73	.36	7.57	1.84	1.60	1.60	7.21	1.53	.12	1.42	3.12	1.62	30.22
64	2.01	1.88	8.26	5.56	4.10	2.23	2.13	1.75	1.90	.09	2.23	2.92	33.14
65	2.62	4.80	2.01	3.33	2.33	5.62	2.39	3.08	6.33	1.03	.72	2.76	39.02
66	1.71	2.97	1.26	6.90	5.18	2.11	1.55	3.25	4.65	1.00	4.01	5.69	40.25
67	1.20	1.71	4.09	4.02	5.16	4.05	4.08	4.65	3.26	5.06	2.62	4.81	44.71
68	2.71	.89	4.36	5.01	6.24	1.98	3.60	2.48	3.61	.89	6.70	5.73	44.30
69	6.73	1.53	2.16	6.51	4.59	5.37	12.51	1.84	4.46	6.33	2.52	2.83	37.47
70	1.05	1.78	3.48	5.69	3.14	8.06	2.78	2.33	2.12	4.11	1.94	1.92	38.42
71	2.43	4.35	1.76	1.35	6.05	5.97	4.65	1.52	2.21	2.32	1.32	4.38	36.31
72	1.16	2.43	3.76	11.11	.87	1.86	6.08	4.84	1.33	2.50	3.91	4.61	46.46
73	3.08	1.00	7.02	5.99	4.82	6.90	4.84	3.44	3.65	3.26	7.08	4.45	34.95
74	3.33	2.54	4.56	4.31	6.75	5.15	1.17	4.94	6.83	1.92	4.36	2.51	48.57
75	3.79	3.85	3.76	6.32	4.95	2.17	4.20	4.06	2.57	2.41	5.23	4.38	49.71
76	1.34	2.01	3.87	2.56	6.11	4.25	2.91	1.36	4.24	1.90	.96	.56	33.77
77	1.23	2.44	6.27	2.92	1.96	6.62	1.84	7.17	3.22	5.80	2.32	4.56	54.56
78	1.44	.55	5.98	4.32	4.85	2.58	3.10	5.05	2.59	1.60	5.14	7.74	45.17
79	2.21	3.52	3.94	7.82	3.74	4.03	6.36	6.29	2.19	3.33	6.83	2.43	54.49
80	1.50	1.43	4.19	3.11	3.13	3.90	2.40	2.26	4.08	3.67	2.77	.79	35.33
81	.46	3.01	1.94	3.29	9.86	2.39	4.48	3.43	1.33	1.71	3.25	3.07	40.22
82	6.00	1.74	3.33	2.42	5.10	3.75	3.45	3.16	5.03	1.50	3.51	9.81	48.63
83	1.44	.98	4.20	9.21	8.10	5.37	2.25	2.63	2.31	10.79	5.60	4.50	57.30
84	.70	4.09	1.83	6.44	2.75	2.09	2.18	1.53	4.41	6.33	5.42	5.75	49.43
85	.98	3.94	6.86	3.78	4.56	5.56	1.12	7.01	1.01	5.13	10.64	1.83	51.47
86	.30	5.18	3.35	3.65	5.40	1.76	5.71	2.39	2.68	3.56	2.15	2.04	38.17
87	1.04	1.25	2.52	1.83	3.51	4.12	6.60	1.08	2.64	1.85	2.79	4.89	35.91
88	3.80	3.33	5.31	2.11	1.32	.86	4.59	1.33	1.98	3.57	6.09	2.42	26.71
89	4.19	4.71	9.88	3.26	4.77	3.27	4.78	4.35	2.81	2.21	1.28	1.29	47.80
90	3.77	5.12	1.40	4.89	8.19	3.65	1.80	.71	4.37	3.98	4.70	6.72	50.36

* Albion data used, Fairfield data missing.
 # Mt Vernon data used, Albion and Fairfield data missing.
 ** Annual totals calculated from Albion and Fairfield data.
 ## Annual totals calculated from Mt. Vernon and Fairfield data.
 T Trace, an amount too small to measure.
 M One to nine days missing.

TOTAL SNOWFALL

FAIRFIELD, ILLINOIS

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1900-1901							T	6.0	T	.0	.0	.0	9.0
01-02	.0	.0	.0	.0	.0	6.5	1.0	1.5	T	.0	.0	.0	6.5
02-03	.0	.0	.0	.0	2.0	2.0	1.5	1.0	T	.0	.0	.0	16.0
03-04	.0	.0	.0	.0	1.0	3	11.5	T	.0	3.0	.0	.0	19.5
04-05	.0	.0	.0	.0	.0	4.5	5.0	7.5	.0	5	.0	.0	19.1
05-06	.0	.0	.0	.0	.0	.9	T	16.0	2.2	.0	.0	.0	8.0
06-07	.0	.0	.0	.0	2.0	2.0	T	4.0	T	.0	.0	.0	10.2**
07-08	.0	.0	.0	.0	.0	.0	2.0*	5.2*	3.0*	.0	.0	.0	9.0
08-09	.0	.0	.0	.0	.0	.0	6.0	1.0	.0	.0	.0	.0	32.5
09-10	.0	.0	.0	.0	.0	.0	4.5	19.5	.0	4.0	.0	.0	1.5
10-11	.0	.0	.0	T	.0	.0	T	1.5	.0	.0	.0	.0	39.3
11-12	.0	.0	.0	.0	.0	.0	12.2	14.4	12.5	.0	.0	.0	11.8
12-13	.0	.0	.0	.0	T	1.0	3.0	4.7	3.1	.0	.0	.0	20.6
13-14	.0	.0	.0	T	T	1.4	4.5	13.2	1.5	.0	.0	.0	16.1
14-15	.0	.0	.0	.0	.0	.0	7.0	8.1	.0	.0	.0	.0	14.0**
15-16	.0	.0	.0	.0*	T	5.5	2.5	3.0	3.0	.0	.0	.0	15.8
16-17	.0	.0	.0	T	1.0	7.5	2.0	4.3	1.0	T	.0	.0	34.3
17-18	.0	.0	.0	.0	T	14.7	19.6	.0	.0	.0	.0	.0	1.5
18-19	.0	.0	.0	.0	.0	.5	.5	.5	.0	.0	.0	.0	8.6
19-20	.0	.0	.0	.0	.0	T	6.5	2.0	.1	T	.0	.0	7.5
20-21	.0	.0	.0	T	T	3.0	1.3	3.2	T	T	.0	.0	6.8
21-22	.0	.0	.0	.0	.0	3.0	1.8	.0	2.0	.0	.0	.0	2.0
22-23	.0	.0	.0	.0	T	.5	.4	1.5	T	.0	.0	.0	14.2
23-24	.0	.0	.0	.0	.0	T	2.3	4.2	7.7	.0	.0	.0	7.2
24-25	.0	.0	.0	.0	.8	.0	3.9	2.5	T	.0	.0	.0	11.5##
25-26	.0	.0	.0	3.5	.0	1.0	5.0	T#	2.0#	.0	.0	.0	14.0
26-27	.0	.0	.0	.0	4.0	4.0	T	4.0	2.0	.0	.0	.0	9.6
27-28	.0	.0	.0	.0	T	.0	1.6	7.0	1.0	.0	.0	.0	9.4
28-29	.0	.0	.0	.0	.0	T	2.6	6.8	.0	.0	.0	.0	26.8
29-30	.0	.0	.0	T	1.6	12.8	10.4	1.0	.0	.0	.0	.0	2.6
30-31	.0	.0	.0	.1	T	1.5	T	T	1.2	.0	.0	.0	.9
31-32	.0	.0	.0	.0	T	.0	T	.0	.9	.0	.0	.0	9.9
32-33	.0	.0	.0	.0	2.9	5.0	T	2.0	T	.0	.0	.0	15.4
33-34	.0	.0	.0	.0	T	3.1	T	7.6	4.7	.0	.0	.0	.7
34-35	.0	.0	.0	.0	.0	.2	.5	T	.0	.0	.0	.0	15.8
35-36	.0	.0	.0	.0	.0	4.5	5.5	5.8	T	T	.0	.0	11.0
36-37	.0	.0	.0	.0	.1	1.7	7.5	1.7	.0	.0	.0	.0	6.7
37-38	.0	.0	.0	.0	1.0	.4	2.8	.5	.0	2.0	.0	.0	13.1
38-39	.0	.0	.0	.0	2.2	T	4.0	6.9	.0	.0	.0	.0	20.4
39-40	.0	.0	.0	.0	.0	8.0	7.7	4.7	T	T	.0	.0	7.2
40-41	.0	.0	.0	.0	.0	.0	T	7.2	T	.0	.0	.0	14.2
41-42	.0	.0	.0	.0	.5	2.0	1.2	7.9	2.6	.0	.0	.0	13.4
42-43	.0	.0	.0	T	T	8.9	.5	1.0	3.0	T	.0	.0	5.2
43-44	.0	.0	.0	.0	.0	1.2	T	3.5	.5	.0	.0	.0	13.5
44-45	.0	.0	.0	.0	T	1.4	5.9	6.8	.0	.0	.0	.0	11.0
45-46	.0	.0	.0	.0	T	8.5	2.5	.0	.0	.0	.0	.0	9.5
46-47	.0	.0	.0	.0	.0	T	.0	T	9.5	.0	.0	.0	25.9
47-48	.0	.0	.0	.0	T	2.0	3.7	16.2	4.0	.0	.0	.0	6.9
48-49	.0	.0	.0	.0	.0	.0	2.0	.0	4.9	.0	.0	.0	2
49-50	.0	.0	.0	.0	T	.1	.0	T	T	T	.0	.0	16.794**
50-51	.0	.0	.0	.0	1.5*	7.5	0M	5.6	3.5	.0	.0	.0	8.0
51-52	.0	.0	.0	T	5.0	3.0	T	T	2.0	.0	T	.0	9.0
52-53	.0	.0	.0	.0	1.5	4.0	2.0	T	1.5	T	.0	.0	1.5
53-54	.0	.0	.0	.0	T	T	1.5	.0	T	T	.0	.0	6.3
54-55	.0	.0	.0	T	.0	.5	3.0	.2	2.6	T	.0	.0	9.4
55-56	.0	.0	.0	.0	T	T	7.4	1.0	1.0	.0	.0	.0	3.8
56-57	.0	.0	.0	.0	1.0	.0	2.8	.0	.0	T	.0	.0	5.5
57-58	.0	.0	.0	.0	.0	.5	.8	2.6	1.6	.0	.0	.0	17.1
58-59	.0	.0	.0	.0	9.0	3.0	4.3	.0	.8	.0	.0	.0	28.8
59-60	.0	.0	.0	.0	.5	T	T	10.3	18.0	.0	.0	.0	21.0
60-61	.0	.0	.0	.0	.5	2.5	6.0	10.0	T	2.0	.0	.0	22.1
61-62	.0	.0	.0	.0	T	6.0	7.0	5.8	1.3	T	.0	.0	10.5
62-63	.0	.0	.0	T	T	1.0	3.0	1.5	5.0	.0	.0	.0	17.3
63-64	.0	.0	.0	.0	T	4.8	10.5	1.5	.5	T	.0	.0	19.5
64-65	.0	.0	.0	.0	1.0	T	4.0	8.0	6.5	.0	.0	.0	12.0
65-66	.0	.0	.0	.0	.0	.0	.5	10.5	1.0	T	.0	.0	5.0
66-67	.0	.0	.0	.0	T	T	T	1.5	5.5	.0	.0	.0	18.5
67-68	.0	.0	.0	.0	T	2.0	13.0	.5	3.0	.0	.0	.0	8.5
68-69	.0	.0	.0	.0	T	T	3.0	5.5	T	.0	.0	.0	20.0
69-70	.0	.0	.0	.0	2.0	8.5	3.5	5.0	11.0	.0	.0	.0	13.0
70-71	.0	.0	.0	.0	.0	T	2.5	5.5	T	5.0	.0	.0	10.8
71-72	.0	.0	.0	.0	4.0	.0	3.0	1.8	.0	T	.0	.0	3.0
72-73	.0	.0	.0	.0	T	.5	1.0	1.0	.0	.5	.0	.0	19.3
73-74	.0	.0	.0	.0	.0	11.8	.5	3.8	4.0	.0	.0	.0	15.5
74-75	.0	.0	.0	.0	T	3.0	1.0	.5	11.0	T	.0	.0	11.5
75-76	.0	.0	.0	.0	4.0	4.0	2.0	1.5	.0	.0	.0	.0	28.5
76-77	.0	.0	.0	.0	T	3.5	21.5	T	.5	T	.0	.0	32.1
77-78	.0	.0	.0	.0	3.0	2.5	19.6	3.0	4.8	.0	.0	.0	24.0
78-79	.0	.0	.0	.0	.0	T	12.0	12.0	.0	.0	.0	.0	15.0
79-80	.0	.0	.0	.0	.0	.0	4.0	5.5	5.5	T	.0	.0	8.1
80-81	.0	.0	.0	.0	5.5	T	1.1	1.5	.0	.0	.0	.0	19.0
81-82	.0	.0	.0	.0	T	T	3.0	13.0	T	3.0	.0	.0	1.8
82-83	.0	.0	.0	.0	.0	.0	.0	.0	1.8	T	.0	.0	21.4
83-84	.0	.0	.0	.0	.0	3.5	.7	13.0	4.2	.0	.0	.0	21.5
84-85	.0	.0	.0	.0	.0	2.5	12.0	7.0	.0	.0	.0	.0	18.0
85-86	.0	.0	.0	.0	.0	3.0	2.0	5.0	T	T	.0	.0	13.0
86-87	.0	.0	.0	.0	T	T	10.0	3.0	T	.0	.0	.0	4.5
87-88	.0	.0	.0	.0	.0	T	3.5	1.0	T	.0	.0	.0	7.5
88-89	.0	.0	.0	.0	.0	7.0	.0	.0	.5	.0	.0	.0	19.0
89-90	.0	.0	.0	.0	.0	11.5	4.0	.0	3.5	.0	.0	.0	
90-91	.0	.0	.0	.0	.0	9.5							

* Albion data used, Fairfield data missing.

Mt. Vernon data used, Fairfield and Albion data missing.

** Seasonal totals calculated from Albion data and Fairfield data.

Seasonal totals calculated from Mt. Vernon data and Fairfield data.

M One to nine days missing.

T Trace, an amount too small to measure

FAIRFIELD STATION HISTORY

Systematic daily weather observations have been taken in Fairfield since 1887, first under the auspices of the Signal Corps, followed by the U. S. Weather Bureau and the National Weather Service. Fairfield 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 Fairfield Cooperative weather station is one of about 200 such observing sites in Illinois under the direction of the National Weather Service. Fairfield 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

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