SWS Miscellaneous Publication 98-3
STATE OF ILLINOIS
DEPARTMENT OF ENERGY AND NATURAL RESOURCES

Local Climatological (Data Summary
(Decatur, Illinois
1901 ~ 1990

by Audrey A. Bryan and Wayne Armstrong

Illinois State Water Survey

1991

LOCAL CLIMATOLOGICAL DATA FOR DECATUR ILLINOIS 1901-1990

Climatological Summary:

Decatur (Macon County) has a temperate continental climate, dominated by maritime tropical air from the Gulf of Mexico from about late April through mid-October. Gulf air generally supports relative humidities of about 50% 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. During the remainder of the year, the Decatur 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 units or values even less than zero.

Summer day temperatures in Decatur are usually in the 80s or 90s, with nighttime lows about 20°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, less frequently, a tornado. Summer winds are usually out of the south-west.

Winter highs are generally in the 30s, again with lows about 20°F lower, and winter monthly precipitation is generally 2 to 2.5 inches. The highest temperature on record is 113°F recorded on 14 July 1954, whereas the lowest is -25°F occurring on 13 February 1905.

Average annual precipitation is 40.23 inches, although there is great variability, from 0.02 inch in September 1979 to 11.37 inches in July 1973. Average annual snowfall is about 24 inches. In March 1906, 30.5 inches were recorded. Ground frost is common from early January through March or early April.

The greatest precipitation amount ever recorded in Decatur in 24 hours was 4.76 inches on 2 June 1965, although more than 4 inches was also reported on 19 May 1974, 2 August 1978, 18 September 1904 and 22 October 1983. The greatest monthly total ever was 16.56 inches in September 1926.

Although Decatur has experienced heavy snowstorms, snowfalls of 6 inches or more are not expected more than about once every other year. The month with the greatest snowfall ever in Decatur was March 1906 with 30.5 inches. It is unusual for snowcover to continue in central Illinois for more than a week or two.

Clinatological Summary
Means and Extemes For Period 1901-1990

Latitude N39 51
Longitude W88 58

Decatur, Illinois
Elevation 670

	Temperature							Number of Days				Degree Days			Precipitation								Snow				
	Means			Extremes				max	min			Heat	Cool	Grov	Greatest		Greatest		Number Days With			Greatest		Greatest		
	Ave	Ave	Ave	High		Low						Base	Base	Base	Monthly		Daily+					Mon		Snow		
Mon	Max	Min	Mean	Temp	Date	Temp	Date	>=90	<=32	<=32	<=0	65F	65F	50F	Mean	Amount	Year	Amount	Date	>=0.1	>=0.5	>=1.0	Mean	Amount	Year	Depth	Date
Jan	34.0	16.0	25.2	73	24/09	-23	17/77	0	14	28	5	1,248	0	1	2.04	7.47	1907	2.25	3/50	5	1	0	7.4	25.0	1979	19	28/79
Feb	39.4	20.5	30.2	76	29/72	-25	13/05	0	8	24	3	994	0	4	1.99	5.59	1939	2.42	10/39	5	1	0	6.3	18.0	1914	20	9/79/
Mar	51.7	31.3	41.7	89	24/29	-10	5/78	0	2	18	0	738	2	45	3.59	9.82	1922	3.35	13/17/	8	2	1	3.0	30.5	1906	20	19/06/
Apr	65.2	42.0	53.9	93	11/30*	15	5/20*	0	0	6	0	366	17	175	3.85	9.71	1957	3.58	12/79	7	3	1	0.3	11.0	1920	6	5/20
May	76.0	51.4	63.9	101	31/34	26	1/03	2	0	1	0	131	83	421	4.32	12.57	1943	4.22	19/74	7	3	1	0.0	4.0	1929	1	3/29
Jun	84.7	60.2	72.7	105	30/31*	38	12/03*	8	0	0	0	14	229	665	3.90	10.21	1974	4.76	2/65	6	3	1					
Jul	87.9	64.3	76.3	113	14/54	45	2/04*	12	0	0	0	2	337	800	4.19	11.37	1973	3.85	10/71	6	3	1					
Aug	85.7	62.1	74.2	106	9/34*	35	29/86	8	0	0	0	6	274	733	4.07	10.97	1981	4.71	2/78	6	3	1					
Sep	80.1	55.1	67.8	104	5/54	27	26/28	4	0	0	0	68	138	521	3.40	16.56	1926	4.66	18/04	5	2	1					
Oct	67.8	43.6	56.0	96	2/53	12	30/25	0	0	5	0	318	24	220	2.79	10.64	1941	4.09	22/83	5	2	1	0.0	4.0	1929	4	23/29
Nov	52.7	33.6	43.4	83	1/33	-3	30/29	0	1	15	0	662	1	50	2.87	5.90	1988	3.70	2/36	6	2	1	1.2	13.5	1951	11	6/51
Dec	39.1	22.3	30.9	72	1/70*	-22	24/83	0	8	25	2	1,072	0	6	3.22	8.15	1967	2.72	13/01	6	2	1	5.7	30.5	1973	22	20/73*
Ann	63.7	41.9	53.0					34	33	122	10	5619	1105	3641	40.23					72	27	10	23.9				

Means based on 1961-1990 data
Extremes based on 1901-1990 data
' Records also occurred on the following dates:
Apr: High temp 4/29/87
Low temp 4/7/82
Jun: High temp 6/27-28/34, 6/20/53, and 6/26/54
Low temp 6/16/17
Jul: Low temp 7/15/30
Aug: High temp 8/20/33
Dec: High temp 12/3/70

+ Calendar Day
/ Records also occurred on the following dates:
Feb: 2/10-11/79
Mar: Grt. Daily Anount 3/14/22
Snow Depth 3/26/30 and 3/20/60
Dec: 12/21/73

Probabilities: Precipitation (in) Missing Data: 3.2%
Station: (112193) Decatur Years: 1961 To 1990

	1%	5%	10%	25%	50%	75%	90%	95%	99%
Ja	0.14	0.34	0.52	0.96	1.70	2.76	4.01	4.91	6.90
Fe	0.24	0.49	0.67	1.09	1.75	2.63	3.63	4.33	5.86
Ma	0.90	1.40	1.73	2.41	3.35	4.51	5.76	6.61	8.39
Ap	0.71	1.22	1.58	2.36	3.50	4.95	6.56	7.66	10.03
Ma	0.45	0.95	1.35	2.28	3.74	5.74	8.05	9.67	13.23
Jn	0.50	0.98	1.34	2.17	3.44	5.13	7.06	8.40	11.33
Ju	0.42	0.90	1.28	2.18	3.61	5.58	7.86	9.47	13.00
Au	0.48	0.96	1.34	2.21	3.56	5.39	7.47	8.93	12.13
Se	0.14	0.39	0.65	1.36	2.67	4.66	7.12	8.91	12.98
Oc	0.34	0.68	0.94	1.53	2.45	3.68	5.09	6.07	8.22
No	0.49	0.87	1.14	1.73	2.59	3.72	4.96	5.82	7.68
De	0.29	0.64	0.93	1.62	2.74	4.30	6.11	7.40	10.23
An	24.78	28.81	31.14	35.30	40.35	45.86	51.23	54.63	61.39
Wi	2.08	3.09	3.75	5.06	6.85	9.03	11.33	12.88	16.13
Sp	5.14	6.62	7.52	9.21	11.36	13.83	16.33	17.96	21.29
Su	3.78	5.46	6.55	8.69	11.59	15.08	18.75	21.20	26.32
Fa	3.65	4.85	5.59	6.99	8.82	10.95	13.12	14.55	17.48

Growing Season Summary
Station: (112193) Decatur
Years: 1961 To 1990 Missing Data: 3.4%

Base	Date of Last Spring Occurrence					Date of First Fall Occurrence				
Temp	Median	Early	10%	90%	Late	Median	Early	10%	90%	Late
32	4/26	4/03	4/08	5/10	5/26	10/11	9/22	10/02	10/29	11/04
28	4/10	3/20	3/29	4/22	5/10	10/24	10/03	10/07	11/14	11/15
24	4/02	3/13	3/22	4/11	4/19	11/04	10/08	10/14	11/19	11/28
20	3/24	2/22	3/09	4/06	4/09	11/14	10/12	10/23	12/02	12/05
16	3/14	2/08	2/22	3/31	4/07	11/27	11/07	11/10	12/10	12/22

Base	Length of Season (Days)				
Temp	Median	Shortest	10%	90%	Longest
32	171	136	146	193	209
28	196	168	174	223	232
24	219	187	194	237	247
20	235	191	219	261	274
16	261	222	229	283	299

AVERAGE MAXIMUM TEMPERATURE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	40.3	33.0	49.8	62.2	74.1	86.3	96.2	90.6	81.3	70.0	49.6	33.5	64.1
02	35.9	29.9	52.5	62.7	80.2	80.9	87.5	82.0	74.8	68.9	58.0	35.5	62.6
03	34.6	36.5	36.3	66.0	77.6	77.6	89.5	86.5	81.3	69.5	48.4	34.7	63.4
04	30.0	32.8	49.7	58.7	75.2	81.9	85.9	84.2	80.3	69.2	56.5	39.4	62.1
O5	31.3	28.9	57.3	64.6	75.5	87.4	85.9	88.9	81.6	67.6	53.4	39.0	63.6
06	41.7	38.9	37.3	68.1	76.6	81.7	88.9	88.9	85.1	65.8	49.3	39.2	63.5
07	38.5	37.9	58.5	53.3	68.7	79.3	87.9	84.0	78.6	65.6	51.9	39.9	62.2
08	37.6	35.3	54.7	63.4	73.6	82.6	85.8	88.3	85.5	69.5	54.0	42.6	64.5
09	36.0	41.6	49.3	61.4	70.7	83.2	83.7	90.7	76.2	62.7	61.5	28.8	62.2
10	34.2	35.1	64.3	65.1	68.	82.9	87.8	85.5	79.1	71.0	50.0	34.3	63.3
11	37.4	44.2	51.9	59.2	81.1	89.6	89.9	86.2	79.7	64.2	45.5	41.8	64.3
12	24.5	31.8	41.1	65.1	76.2	80.8	88.3	84.4	82.4	71.3	53.1	44.5	62.0
13	40.5	36.1	48.6	63.8	76.9	89.0	91.9	92.9	80.0	65.2	58.1	45.0	65.9
14	41.9	30.6	46.8	63.7	78.0	90.5	93.9	88.5	79.3	70.0	58.7	32.0	64.7
15	34.0	45.3	44.8	71.1	70.6	80.3	83.9	79.5M	80.7	70.9	58.0	38.5	62.8M
16	40.5	37.5	50.7	61.5	74.9	77.9	96.2	90.5	79.9	68.4	56.0	38.5	64.5
17	39.1	36.6	52.1	61.8	68.4	78.9	87.5	84.8	79.1	58.2	54.5	32.2	61.2
18	22.5	42.8	62.9	58.2	78.2	86.1	86.0	91.1	72.4	69.8	52.5	47.7	64.3
19	43.3	42.5	54.8	66.0	71.4	85.1	92.1	86.4	84.4	70.3	49.5	33.0	65.0
20	30.7	38.6	53.1	57.3	74.6	86.5	89.0	86.1	83.3	73.6	49.2	40.5	63.6
21	41.7	45.4	63.5	67.5	79.6	90.1	95.5	85.8	83.7	69.6	52.4	42.8	68.3
22	36.3	43.0	53.1	66.3	79.1	88.9	88.1	89.9	86.3	73.0	54.0	42.1	66.8
23	40.9	35.2	49.9	65.0	74.8	86.4	90.7	87.3	77.8	63.7	53.8	49.4	64.8
24	31.9	39.7	44.7	68.7	69.3	81.6	85.7	87.6	75.4	76.2	54.1	35.0	62.5
25	37.3	47.0	56.8	73.5	75.9	89.2	89.8	88.7	86.3	55.8	49.8	36.8	65.6
26	38.1	42.6	45.2	57.6	80.2	82.0	91.4	88.1	77.6	66.1	46.6	37.9	62.9
27	34.8	47.9	54.0	63.2	72.1	79.4	86.6	81.0	83.7	73.9	56.3	38.7	64.4
28	38.1	42.3	52.3	60.1	77.5	77.2	88.4	88.3	77.4	70.0	51.5	43.9	64.0
29	33.1	34.2	59.1	66.4	71.4	81.4	88.0	85.3	78.7	65.7	47.1	38.7	62.7
30	30.2	50.3	51.1	69.3	76.5	85.4	93.5	90.5	82.5	66.0	54.8	39.5	65.8
31	43.3	47.8	45.5	66.5	72.6	89.0	93.8	88.9	87.5	71.5	61.3	48.3	68.1
32	44.5	49.4	44.3	67.0	77.2	86.8	90.0	87.0	79.8	67.1	47.5	40.2	65.1
33	48.9	41.1	51.4	63.6	75.1	93.9	94.2	88.4	87.6	66.0	53.1	45.0	67.5
34	42.7	36.4	48.0	66.0	83.9	94.7	95.2	88.1	76.3	72.5	57.1	36.9	66.7
35	40.2	41.6	59.0	60.0	68.3	80.4	91.9	88.6	80.4	68.1	49.1	33.1	63.6
36	29.7	30.7	52.8	61.6	80.6	89.4	98.9	93.2	82.8	67.1	50.1	44.5	65.2
37	37.8	38.6	49.3	63.1	76.7	82.7	87.9	90.3	79.8	62.9	50.0	35.6	63.0
38	37.3	47.1	60.8	66.0	74.9	82.8	90.6	89.3	82.7	75.5	57.5	40.5	67.2
39	43.4	41.6	55.3	60.8	79.6	83.6	87.5	85.2	87.2	71.5	52.6	45.5	66.3
40	23.1	37.7	47.4	63.1	71.3	85.0	89.8	86.1	80.5	74.1	50.8	45.0	62.9
41	38.4	37.1	47.6	68.8	79.6	85.3	88.3	88.2	81.7	68.6	54.7	45.5	65.5
42	39.1	36.3	54.7	69.1	73.4	81.4	86.1	83.5	76.3	67.3	54.8	35.2	63.2
43	37.3	46.7	48.9	63.1	71.6	84.2	89.2	88.5	76.8	67.8	49.6	37.5	63.5
44	42.7	43.4	47.0	60.8	78.6	87.5	88.3	86.5	78.9	69.7	51.4	32.7	64.0
45	31.5	41.7	63.8	63.2	68.2	77.2	85.2	85.3	77.1	67.1	52.1	32.0	62.1
46	39.4	44.5	65.2	68.1	68.2	83.3	87.5	80.3	80.1	74.1	55.2	45.8	66.1
47	41.0	31.5	43.2	62.8	71.1	78.5	84.8	94.6	80.9	76.0	45.3	41.2	62.9
48	32.7	39.8	50.0	68.6	73.9	84.8	87.4	88.1	82.1	64.5	53.1	41.2	63.9
49	38.7	42.3	52.5	64.6	80.1	86.5	90.3	86.4	74.4	69.7	54.8	46.0	65.6
50	44.1	39.6	47.7	57.0	77.7	82.1	84.2	81.3	76.5	73.6	44.9	30.4	61.7
51	37.0	40.3	46.4	60.0	77.7	79.8	86.5	86.1	75.6	69.5	43.8M	38.6	61.8M
52	40.2	44.7	48.0	6 5 *	73.8	90.9	91.6	86.1	82.9	65.1	53.6	40.9	65.3
53	38.5	45.9	52.5	60.1	77.3	91.5	90.6	89.6	85.3	74.7	55.2	42.8	67.0
54	38.2	50.0	47.6	71.5	71.7	89.8	94.9	87.0	86.9	68.6	53.8	41.8	66.9
55	37.2	41.5	53.0	72.6	77.2	79.7	91.5	90.6	84.3	68.4	50.2	39.7	65.5
56	37.4	40.9	54.0	63.5	77.6	85.6	84.7	85.9	82.3	78.4	53.9	43.8	65.7
57	32.2	45.3	51.8	63.0	74.2	83.6	88.0	86.8	78.2	65.7	51.3	46.6	63.9
58	37.2	35.5	44.7	65.5	77.0	79.2	83.3	86.8	80.2	71.5	57.1	36.0	62.8
59	32.5	41.6	53.7	65.2	78.3	87.8	88.8	89.2	81.4	66.1	45.4	44.4	64.6
60	37.8	34.8	36.9	68.1	70.9	81.9	86.3	87.1	85.1	69.5	54.7	35.6	62.4
61	35.9	45.6	53.9	58.8	71.3	83.8	87.3	85.6	83.3	68.5	51.7	36.8	63.5
62	29.9	40.2	46.0	64.2	82.9	85.8	85.7	87.1	77.8	70.8	53.2	37.7	63.4
63	26.9	34.5	56.6	70.2	74.6	87.2	86.8	83.2	81.9	80.3	56.8	29.5	64.0
64	42.4	40.0	50.1	65.5	80.0	85.8	87.4	86.6	80.7	68.5	58.0	37.7	63.2
65	38.1	41.4	41.8	67.0	81.6	83.4	85.7	84.3	78.9	66.9	56.3	47.4	64.4
66	32.4	40.3	54.8	60.7	71.2	85.5	92.5	84.3	76.0	65.6	54.6	40.2	63.2
67	41.5	37.5	54.5	67.6	71.0	85.0	85.5	82.2	78.2	65.8	47.6	39.5	63.0
68	34.1	37.7	56.4	65.0	70.8	85.9	86.4	86.8	79.5	67.7	49.9	38.7	63.2
69	32.3	40.4	46.2	66.9	76.8	82.0	88.3	87.0	78.6	65.9M	50.1	36.3	62.6M
70	28.8	39.9	47.5	66.3	78.4	81.4	87.2	85.3	82.4	66.5	49.2	43.0	63.0
71	33.3	39.7	49.2	67.1	72.3	88.9	82.7M	84.3	80.8	73.9	53.5	45.4	64.3M
72	35.7	39.4	51.3	63.2	78.5	82.3	85.1	84.7	79.0	61.9	44.4	35.3	61.7
73	39.5	41.8	57.9	61.7	71.0	84.1	87.4	85.9	79.0	72.0	54.7	36.5	64.3
74	36.4	42.1	56.5	66.6	71.5	78.0	88.9	82.5	72.7	67.2	50.8	40.2	62.8
75	39.4	36.7	46.9	61.0	79.4	85.7	86.5	87.1	76.1	72.0M	57.4	41.1	64.2M
76	33.6	50.0	38.8	69.4	73.7	85.9	89.9	84.6	80.9	62.1	47.1	36.4	64.4
77	20.5	40.3	57.3	71.9	84.5	83.1	91.2	84.3	81.0	64.6	50.9	36.4	63.8
78	25.7	29.2	43.8	65.4	73.5	86.1	87.4	85.1	85.5	66.7	55.0	40.7	62.0
79	23.4	28.6	51.6	61.4M	77.5	88.2	87.1	85.1	83.1	68.5	52.0	46.0	62.7M
80	35.6	32.1	46.0	64.2	78.8	85.2	94.4	90.8	82.7	65.5	51.7	41.0	64.1
81	35.3	43.7M	54.2	70.5	70.6	84.8	86.0	83.2	77.9	66.9	54.9	36.4	63.7M
82	28.2	34.3	50.2	60.9	81.4	78.8	87.2	83.4	78.8	69.1	53.0	46.5	62.7
83	36.1	45.3	51.0	58.5	71.5	86.1	92.8	95.2	85.1	69.1	54.8	25.0	64.2
84	31.7	45.9	41.1	60.6	72.4	88.0	86.8	89.3	77.3	70.3	51.8	47.0	63.5
85	29.2	35.0	56.4	70.4	79.8	81.3	86.7	81.3	78.2*	67.5*	50.8*	30.9*	62.3**
86	39.0*	34.4*	55.8	69.8*	76.9*	85.1*	88.1*	83.3	82.1	67.2	45.9	39.2	63.9**
87	34.0	47.1	57.0M	69.0	85.6	88.6	89.2	86.4	82.9	63.8	55.9	41.5	66.8M
S8	34.5	34.4	53.3	68.3	81.8	89.1	92.9	92.5	84.2	62.4	53.8	42.1	65.8
89	45.2	29.9	50.1*	64.0	71.8	84.5	87.9	85.5	76.4	70.0	53.5	29.1	62.3**
90	47.4	45.0	56.5	63.0	70.6	83.1	85.0	83.9	80.2	66.8	59.5	40.1	65.1

* Springfield data used, Decatur data missing
** Average calculated from Decatur and Springfield data
M One to nine days missing.

AVERAGE MINIMUM TEMPERATURE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	20.8	14.9	30.7	37.8	48.8	62.3	67.2	61.0	53.8	42.9	27.0	18.7	40.6
02	17.7	8.1	34.3	37.9	55.7	58.3	64.0	60.2	51.9	45.5	40.4	21.7	41.5
03	17.6	19.0	35.5	40.9	53.7	53.9	63.0	60.0	52.7	43.4	29.2	14.9	40.5
04	11.3	14.7	31.3	36.1	51.3	58.2	61.5	58.7	55.8	42.8	30.6	20.8	39.5
05	12.8	9.7	35.9	39.4	51.2	60.7	62.6	63.4	56.0	40.1	28.9	23.0	40.5
06	24.9	19.3	23.3	43.2	51.7	59.3	60.8	64.8	57.3	42.5	30.1	24.0	41.9
07	22.0	19.7	36.1	32.7	44.3	56.2	65.5	61.8	55.1	40.6	28.6	27.8	41.0
08	21.0	21.3	33.9	41.4	53.9	59.2	64.0	61.6	56.5	42.7	33.4	24.4	42.8
09	19.6	25.0	30.9	39.3	50.0	62.0	62.1	64.5	53.3	38.5	40.8	14.0	41.8
10	20.9	13.1	36.8	40.2	46.5	57.4	64.9	60.6	55.4	44.5	25.1	16.7	40.4
11	18.2	24.9	29.9	39.8	56.5	63.4	63.6	61.3	59.1	44.1	27.6	28.4	43.2
12	7.0	16.4	24.0	42.7	54.1	57.1	65.2	61.8	56.6	43.9	33.2	25.2	40.7
13	23.6	17.5	27.0	40.3	52.1	61.3	66.8	66.1	55.0	42.9	37.1	30.8	43.6
14	26.3	10.8	26.4	42.0	54.2	64.9	66.9	65.0	55.0	47.4	34.4	17.2	42.8
15	16.4	30.9	27.7	46.0	49.2	58.8	63.4	58.9	58.3	43.9	34.6	23.4	42.7
16	20.7	18.4	28.5	39.9	52.3	55.1M	67.8	64.8	52.5	41.0	32.9	17.1	40.8M
17	16.9	13.3	29.7	40.0	45.8	58.2	63.3	60.5	52.2	36.3	33.4	13.4	38.8
18	4.3	21.2	34.9	37.2	55.0	59.9	61.2	67.7	48.3	48.2	34.5	31.1	42.1
19	22.5	24.3	33.1	42.7	49.8	64.6	65.7	61.0	56.9	47.9	32.1	17.4	43.3
20	15.4	23.0	32.6	37.9	51.8	60.6	63.1	61.5	58.3	49.0	32.9	23.8	42.7
21	27.3	29.9	39.3	44.3	52.8	65.6	67.4	63.3	60.8	43.2	34.0	26.7	46.3
22	15.3	23.7	34.2	43.6	55.6	60.9	62.9	61.7	56.2	45.3	35.7	22.9	43.3
23	27.3	17.8	27.0	38.9	50.3	62.3	64.8	62.7	56.3	40.6	35.4	32.5	43.1
24	11.5	22.4	29.2	42.9	44.7	59.7	59.8	62.5	50.8	45.7	32.9	16.3	39.9
25	17.1	27.0	30.8	46.5	45.1	63.1	64.3	61.2	62.3	37.2	29.4	19.7	42.0
26	20.7	26.5	24.7	34.9	52.0	55.3	64.0	64.6	58.4	44.0	29.0	21.5	41.4
27	17.7	29.9	35.6	43.2	50.9	57.5	62.6	56.6	59.7	46.0	35.5	19.3	42.9
28	19.8	24.8	31.0	36.9	50.5	56.2	64.8	64.0	48.9	47.0	35.3	25.7	42.2
29	11.9	14.6	37.2	44.8	48.8	57.8	64.3	59.7	54.0	43.5	28.8	21.7	40.7
30	11.8	31.0	28.7	43.7	52.7	59.5	64.7	62.9	57.5	42.6	38.1M	25.5	43.5M
31	26.1	30.3	29.4	43.2	48.8	64.2	67.3	63.9	62.1	50.3	43.6	34.0	46.9
32	29.5	29.9	25.1	42.2	52.5	62.5	65.5	63.1	53.9	44.1	27.9	22.2	43.2
33	30.0	20.7	32.6	42.3	55.2	64.7	66.9	61.4	60.8	42.3	31.4	27.8	44.8
34	26.2	17.3	27.3	41.3	54.1	66.7	69.1	64.7	55.0	45.9	38.2	22.3	44.2
35	22.0	26.6	38.0	40.4	48.2	58.0	67.6	65.0	53.9	44.7	33.1	18.3	43.1
36	13.0	9.7	33.6	37.4	53.5	58.9	69.3	67.4	68.5	44.7	29.3	26.8	42.3
37	20.1	20.7	28.5	41.2	52.6	61.0	63.6	66.1	53.3	42.4	27.8	22.5	41.8
38	20.7	31.5	38.4	43.6	51.8	59.5	65.5	66.9	58.2	48.4	34.9	25.1	45.5
39	27.2	21.8	33.3	39.2	54.8	64.3	66.1	61.8	58.9	45.8	32.4	26.9	44.5
40	7.6	25.4	29.8	40.4	48.9	63.1	64.7	64.7	53.0	48.0	30.8	29.9	42.2
41	24.6	20.2	27.6	47.1	55.9	63.6	65.6	65.0	59.1	50.1	35.7	31.5	45.7
42	19.8	22.5	35.0	45.6	53.1	63.2	66.9	63.5	56.2	45.3	36.5	20.0	44.1
43	20.9	24.5	27.1	39.9	52.2	63.8	66.3	66.5	52.3	43.9	29.9	21.1	42.5
44	26.1	25.6	29.4	40.8	58.2	65.4	63.3	64.6	56.8	43.7	38.6	17.7	44.2
45	16.8	25.6	41.3	43.6	47.6	59.1	61.8	63.2	58.7	42.5	33.8	17.1	42.7
46	21.9	25.1	43.3	44.5	50.6	61.4	65.2	60.2	54.3	48.0	36.5	27.5	45.0
47	24.1	16.9	26.3	42.3	49.6	60.2	61.0	70.6	57.5	52.6	30.0	26.5	43.3
48	14.8	21.4	31.9	46.3	49.5	60.9	65.4	63.2	58.0	42.5	36.4	26.9	43.1
49	23.5	24.6	31.6	40.1	53.6	64.6	69.4	63.6	49.3	49.2	34.5	27.5	44.4
50	25.3	23.6	28.7	37.0	54.0	61.2	62.0	59.6	56.4	48.5	27.4	15.4	41.7
51	21.3	23.4	29.2	39.7	53.1	59.9	65.0	62.6	53.5	47.2	27.1M	21.8	42.0M
52	23.0	28.3	29.6	41.1	51.9	67.0	67.5	62.8	54.1	37.5	34.7	28.1	43.8
53	25.8	27.0	33.5	38.9	52.9M	66.2	66.6	62.9	54.2	46.2	34.6	24.3	44.4M
54	21.4	30.1	28.3	45.1	48.2	66.2	68.9M	63.7	57.9M	46.8	33.7	27.4	45.0M
55	20.9	23.3	30.1	48.3	53.3	57.5	70.0	65.9	57.2	44.7	27.4	20.3	43.3
56	18.6	25.0	30.7	38.4	54.5	61.6	63.8	64.0	52.7	48.4	31.2	28.9	43.2
57	14.3	29.3	31.4	44.5	53.0	62.6	67.7	64.4	54.1	41.6	32.8	28.4	43.7
58	22.0	14.5	29.5	41.7	50.6	57.0	65.3	64.9	56.6	44.5	35.9	17.1	41.6
59	14.1	22.5	31.4	42.0	57.6	63.0	64.4	69.2M	58.4	45.0	26.5	30.5	43.7M
60	23.3	21.0	17.8	43.9M	49.9	59.9	61.7	62.5	60.8	44.0	33.6	18.5	41.4M
61	16.3	25.5	34.5	37.4	46.3	58.0	63.9	61.5	57.4	45.0	33.8	21.2	41.7
62	12.6	23.6	28.9	40.7	60.1	62.1	63.5	62.6	53.9	47.5	33.6	17.2	42.2
63	9.5	12.3	34.5	45.3	50.3	61.4	64.5	61.0	55.1	52.7	35.9	10.9	41.1
64	22.2	22.1	30.2	44.8	56.5	62.9	66.4	62.7	56.4	40.0	36.5	22.7	43.6
65	19.2	20.5	23.7	44.2	57.3	61.3	63.5	62.0	58.5	45.0	36.3	31.0	43.5
66	14.7	21.2	33.1	48.3	47.5	60.3	68.5	60.8	54.6	41.3	35.6	24.6	41.9
67	22.2	16.9	34.5	45.3	47.6	62.4	61.9	58.4	52.3	44.6	30.9	25.5	41.9
68	19.1	18.2	32.6	42.5	50.5	62.8	64.7	65.2	55.9	44.3	34.8	22.7	42.8
69	16.1	25.4	24.5	44.4	52.8	58.8	67.6	62.9	55.8	42.9M	30.0	21.4	41.9M
70	11.0	19.2	28.7	44.0	55.2	60.1	63.9	63.6	58.5	45.7	31.4	25.3	42.2
71	13.6	21.6	27.5	40.0	47.5	64.8	61.7M	60.3	58.8	50.5	33.3	29.6	42.4M
72	14.8	18.6	28.9	40.5	54.2M	57.9	64.9	64.4	59.4	43.5	33.1	21.5	41.8M
73	22.1	23.8	40.3	43.0	49.5	62.2	66.1	65.3	60.6	50.4	36.8	22.1	45.1
74	20.2	24.9	35.3	45.3	53.4	58.3	66.8	64.0	52.1	44.4	35.1	27.1	43.9
75	24.3	23.8	28.8	39.9	55.3	63.2	63.3	66.4	52.2	45.2M	37.9	26.0	43.9M
76	15.0	30.0	35.0	42.9	47.7	59.3	63.4	58.0	51.6	36.4	31.7	12.8	39.5
77	1.5	19.1	35.1	45.6	56.2	59.0	65.6	61.2	56.6	41.9	35.1	18.9	41.3
78	7.4	7.4	25.2	41.8	50.3	59.7	63.5	60.5	55.7	40.7	36.0	23.0	39.3
79	5.6	8.8	32.5	40.5M	48.6	58.8M	61.6	62.1	50.8	41.8	31.2	26.2	39.0M
80	19.2	14.1M	28.0	38.8	50.8	57.2	66.7	65.5	55.8	38.8	32.7	24.2	41.0
81	15.2	21.1M	29.8	47.3	46.8	62.7	64.6	61.6	53.2	42.6	34.7	18.8	41.5
82	6.7	16.8	30.8	36.0	55.2	54.9	65.1	60.2	54.3	43.4	34.2	32.2	40.8
83	22.9	26.3	32.8	38.9	49.0	58.5	65.6	66.0	54.0	45.7	36.4	10.3	42.2
84	14.4	26.7	25.6	41.1	47.6	62.7	60.1	62.0	53.3	49.3	31.1	27.6	41.8
85	10.1	16.7	35.2	46.4	51.7	57.2	61.6	60.3	57.5*	48.7*	34.8*	12.1*	41.0**
86	19.1*	19.4*	33.3	44.9*	54.8*	64.2*	69.4*	55.2	56.8	44.9	30.5	25.5	43.2**
87	17.4	27.1	34.6M	40.3	54.3	60.8	64.4	63.3	52.0	35.6	36.6	27.5	42.8M
88	15.1	16.8*	29.6	39.0	48.6	56.3	62.6	64.0	52.8	34.1	32.1	19.8	39.2**
89	26.7	13.7	31.1*	41.2	48.4	59.1	63.8	60.8	50.6	44.4	31.2	8.8	40.0**
90	28.0	27.5	35.2	41.4	50.4	62.3	64.3	61.9	57.8	42.1	37.6	22.6	44.3

* Springfield data used. Decatur data missing
** Average calculated from Decatur and Springfield data
M One to nine days missing.

AVERAGE MEAN TEMPERATURE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	30.6	24.0	40.3	50.0	61.5	74.3	81.7	75.8	67.2	56.5	38.3	26.1	52.2
02	26.8	19.0	43.4	50.3	68.0	69.6	75.8	71.1	63.4	57.2	49.2	28.6	51.9
03	26.1	27.8	45.9	53.5	65.7	65.8	76.3	73.3	67.0	56.5	38.8	24.8	51.8
04	20.7	23.8	40.5	47.4	63.3	70.1	73.7	71.5	68.1	56.0	43.6	30.1	50.7
05	22.1	19.3	46.6	52.0	63.4	74.1	74.3	76.2	68.8	53.9	41.2	31.0	51.9
06	33.3	29.1	30.3	55.7	64.2	70.5	74.4	76.9	71.2	54.2	39.7	31.6	52.6
07	30.3	28.8	47.3	43.0	56.5	67.8	76.7	72.9	66.9	53.1	40.3	33.9	51.5
08	29.3	28.3	44.3	52.4	63.8	70.9	74.9	75.0	71.0	56.1	43.7	33.5	53.6
09	27.8	33.3	40.1	50.4	60.4	72.6	72.9	77.6	64.8	50.6	51.2	21.4	51.9
10	27.6	24.1	50.6	52.7	57.7	70.2	76.4	73.1	67.3	57.8	37.6	25.5	51.7
11	27.8	34.6	40.9	49.5	68.8	76.5	76.8	73.8	69.4	54.2	36.6	35.1	53.7
12	15.8	24.1	32.6	53.9	65.2	69.0	76.8	73.1	69.5	57.6	43.2	34.9	51.3
13	32.1	26.8	37.8	52.1	64.5	75.2	79.4	79.5	67.5	54.1	47.6	37.9	54.5
14	34.1	20.7	36.6	52.9	66.1	77.7	80.4	76.8	67.2	58.7	46.6	24.6	53.5
15	25.2	38.1	36.3	58.6	59.9	69.6	73.7	69.2M	69.5	57.4	46.3	34.0	52.9M
16	30.6	28.0	39.6	50.7	63.6	66.5M	82.0	77.7	66.2	54.7	44.5	27.8	52.7M
17	28.0	25.0	40.9	50.9	57.1	68.6	75.4	72.7	65.7	47.3	44.0	22.8	49.9
18	13.4	22.0	42.9	47.7	66.6	73.0	73.6	79.4	60.5	59.0	43.5	39.4	53.1
19	32.9	33.4	44.0	54.4	60.6	74.9	78.9	73.7	70.7	59.1	40.8	25.2	54.1
20	23.1	30.8	42.9	47.6	63.2	73.6	76.1	73.8	70.8	61.3	48.1	33.2	53.1
21	34.7	37.7	51.4	55.9	66.2	77.9	81.5	74.6	72.3	56.4	43.2	34.8	57.2
22	25.9	33.4	43.7	55.0	67.4	74.9	75.5	75.8	71.3	59.2	44.9	32.5	55.0
23	34.1	26.5	38.5	52.0	62.6	74.4	77.8	75.0	67.1	52.2	44.6	41.0	53.8
24	21.7	31.1	37.0	55.8	57.0	70.7	72.8	75.1	63.1	61.0	43.5	25.7	51.2
25	27.2	37.0	43.8	60.0	60.5	76.2	77.0	75.0	74.3	46.5	39.6	28.3	53.8
26	29.4	34.6	35.0	46.3	66.1	68.7	77.7	76.4	68.0	55.1	37.8	29.7	52.1
27	26.3	38.9	44.8	53.2	61.5	68.5	74.6	68.8	71.7	60.0	45.9	29.0	53.6
28	29.0	33.6	41.7	48.5	64.0	66.7	76.6	76.2	63.2	58.5	43.4	34.8	53.0
29	22.5	24.4	48.2	55.6	60.1	70.1	76.2	72.5	66.4	54.6	38.0	30.2	51.6
30	21.0	40.7	39.9	56.5	64.6	72.5	79.1	76.7	70.0	54.3	46.5M	32.5	54.5M
31	34.7	39.1	37.5	54.9	60.7	76.6	80.6	76.0	74.8	60.9	52.5	41.2	57.5
32	37.0	39.7	34.7	54.6	64.9	74.7	77.8	75.1	66.9	55.6	37.7	31.2	54.2
33	39.5	30.9	42.0	53.0	65.2	79.3	80.6	74.9	74.2	54.2	42.3	36.4	56.0
34	34.5	26.9	37.7	53.7	69.0	80.7	82.3	76.4	65.7	59.2	47.7	29.6	55.3
35	31.1	34.6	48.5	50.2	58.3	69.2	79.8	76.8	67.2	56.4	41.1	25.7	53.2
36	21.4	20.2	43.2	49.5	68.1	74.2	84.1	80.3	71.7	55.9	39.7	35.7	53.7
37	29.0	29.7	38.9	52.2	64.7	71.9	75.8	78.2	66.6	52.7	38.9	29.1	52.3
38	29.0	39.3	49.6	54.8	63.4	71.2	78.1	78.1	70.5	62.0	46.2	32.8	56.4
39	35.3	31.7	44.3	50.0	67.2	74.0	76.8	73.5	73.1	58.7	42.5	36.2	55.4
40	15.4	31.6	38.6	51.8	60.1	74.1	77.3	75.4	66.8	61.1	40.8	37.5	52.6
41	31.5	28.7	37.6	58.0	67.8	74.5	77.0	76.6	70.4	59.4	45.2	38.5	55.6
42	29.5	29.4	44.9	57.4	63.3	72.3	76.5	73.5	66.3	56.3	45.7	27.6	53.7
43	29.1	40.6	38.0	51.5	61.9	74.0	77.8	77.5	64.6	55.9	39.8	29.3	53.0
44	34.4	34.5	38.2	50.8	68.4	76.5	75.8	75.6	67.9	56.7	45.0	25.2	54.1
45	24.2	33.7	52.6	53.4	57.9	68.2	73.5	74.3	67.9	54.8	43.0	24.6	52.4
46	30.7	34.8	54.3	56.3	59.4	72.4	76.4	70.3	67.2	61.1	45.9	36.7	55.6
47	32.6	24.7	34.8	52.6	60.4	69.4	72.9	82.6	69.2	64.3	37.7	33.9	53.1
48	23.8	30.6	41.0	57.5	61.7	72.9	76.4	75.7	70.1	53.5	44.8	34.1	53.5
49	31.1	33.5	42.1	52.4	66.9	75.6	79.9	75.0	61.9	59.5	44.7	36.8	55.0
50	34.7	31.6	38.2	47.0	65.9	71.7	73.1	70.5	66.5	61.1	36.2	22.9	51.7
51	29.3	31.9	37.8	49.9	65.4	69.9	75.8	74.4	64.6	58.4	35.5M	30.2	51.9M
52	31.6	36.5	38.8	53.5	62.9	79.0	79.6	74.5	68.5	51.3	44.2	34.5	54.6
53	32.2	36.5	43.0	49.5	65.1M	78.9	78.6	76.3	69.8	60.5	44.9	33.6	53.7M
54	29.8	40.1	38.0	58.3	60.5	78.0	81.9M	76.4	72.4M	57.7	43.8	34.6	56.0M
55	29.1	32.4	41.6	60.5	65.4	68.6	80.8	78.3	70.8	56.6	38.8	30.0	54.4
56	28.0	33.0	42.4	51.0	66.1	73.6	74.3	75.0	67.5	63.4	42.6	36.4	54.4
57	23.3	37.4	41.6	53.8	63.6	73.1	77.9	75.6	66.2	53.7	42.1	37.5	53.8
58	29.6	25.0	37.1	53.6	63.8	68.1	74.3	75.9	68.4	58.0	46.5	26.6	52.2
59	23.3	32.1	42.6	53.6	68.0	75.4	76.6	79.2M	70.4	55.6	36.0	37.5	54.2M
60	30.6	27.9	27.4	56.0M	60.4	70.9	74.0	74.8	73.0	54.8	44.2	27.1	51.9M
61	26.1	35.6	44.2	48.1	58.8	70.9	75.6	73.6	70.4	56.8	42.8	29.0	52.7
62	21.3	31.9	37.5	52.5	71.3	74.0	74.6	74.9	65.9	59.2	43.4	27.5	52.9
63	18.2	23.4	45.6	57.8	62.5	74.3	75.7	72.1	68.5	66.5	46.4	20.2	52.6
64	32.3	31.1	40.2	55.2	68.3	74.4	76.9	74.7	68.6	54.3	47.3	30.2	54.5
65	28.7	31.0	32.8	55.6	69.5	72.4	74.6	73.2	68.7	56.0	46.3	39.2	54.0
66	23.6	30.8	44.0	50.5	59.4	72.9	80.5	72.6	65.3	53.5	45.1	32.4	52.6
67	31.9	27.2	44.5	56.5	59.3	73.7	73.7	70.3	65.3	55.2	39.3	32.5	52.5
68	26.6	28.0	44.5	53.8	60.7	74.4	75.6	76.0	67.7	56.0	42.4	30.7	53.0
69	24.2	32.9	35.4	55.7	64.8	70.4	78.0	75.0	67.2	54.4M	40.1	28.9	52.3M
70	19.9	29.6	38.1	55.2	66.8	70.8	75.6	74.5	70.5	56.1	40.3	34.2	52.6
71	25.5	30.7	38.4	53.6	59.9	76.9	72.2M	72.3	69.8	62.2	43.4	37.5	53.4M
72	23.3	29.0	40.1	51.9	66.4M	70.1	75.0	74.6	69.2	52.7	38.8	28.4	51.8M
73	30.8	32.8	49.1	52.4	60.3	73.2	76.8	75.6	69.8	61.2	45.8	28.8	54.7
74	28.3	33.5	45.9	56.0	62.5	68.2	77.9	73.3	62.4	55.8	43.0	33.7	53.4
75	31.9	30.3	37.9	51.0	67.4	74.5	74.9	76.8	64.2	58.6M	47.7	33.6	54.1M
76	24.3	40.0	46.9	56.2	60.7	72.6	76.7	71.3	66.3	49.3	34.4	24.6	51.9
77	11.0	29.7	46.2	58.8	70.4	71.1	78.4	72.8	68.8	53.3	43.0	27.7	52.6
78	16.6	18.3	34.5	53.6	61.9	72.9	75.5	72.8	70.6	53.7	45.5	31.9	50.7
79	14.5	18.7	42.1	51.0M	63.1	73.5M	74.4	73.6	67.0	55.2	41.6	36.1	50.9M
80	27.4	23.1M	37.0	51.5	64.8	71.2	80.6	78.2	69.3	52.2	42.7	32.6	52.6M
81	25.3	32.4M	42.0	58.9	58.7	73.8	75.3	72.4	65.6	54.8	44.8	27.6	52.6M
82	17.5	25.6	40.5	48.5	68.3	66.9	76.2	71.8	66.6	56.3	43.6	39.4	51.8
83	29.3	35.8	41.9	48.7	60.3	72.4	79.2	80.6	69.6	57.4	45.6	17.7	53.2
84	23.1	36.3	33.4	50.9	60.0	75.4	73.5	75.7	65.3	59.8	41.5	37.3	52.7
85	19.7	25.9	45.8	58.4	65.8	69.3	74.2	70.8	67.9*	58.1*	42.8*	21.5*	51.7**
86	29.1*	26.9*	44.6	57.4*	65.9*	74.7*	78.8*	69.3	69.5	56.1	38.2	32.4	53.6**
87	25.7	37.1	45.8M	54.7	70.0	74.7	76.8	74.9	67.5	49.7	46.3	34.5	54.8M
88	24.8	25.6*	41.5	53.7	65.2	72.7	77.8	78.3	68.5	48.3	43.0	31.0	52.5**
89	36.0	21.8	40.6*	52.6	60.1	71.8	75.9	73.2	69.5	57.2	42.4	19.0	51.2**
90	37.7	36.3	45.9	52.2	60.5	72.7	74.7	72.9	69.0	54.5	45.6	31.5	54.7

* Springfield data used, Decatur data missing

** Average calculated from Decatur and Springfield data

M One to nine days missing.

DECATUR COOLING DECREE DAYS[1]

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1901	0	0	0	0	43	279	518	335	135	0	0	0	1310
02	0	0	0	0	149	173	335	189	75	0	0	0	921
03	0	0	0	0	112	113	350	257	132	0	0	0	964
04	0	0	0	0	72	181	270	202	149	0	0	0	874
05	0	0	0	0	74	273	288	347	160	0	0	0	1142
06	0	0	0	0	87	188	291	369	186	0	0	0	1121
07	0	0	0	0	0	145	363	245	130	0	0	0	883
08	0	0	0	0	80	194	307	310	195	0	0	0	1086
09	0	0	0	0	24	228	245	391	97	0	0	0	985
10	0	0	0	0	0	183	353	251	137	0	0	0	924
11	0	0	0	0	162	345	366	273	170	0	0	0	1316
12	0	0	0	0	103	164	366	251	172	0	0	0	1056
13	0	0	0	0	92	306	446	450	140	0	0	0	1434
14	0	0	0	0	118	381	477	366	135	0	0	0	1477
15	0	0	0	0	16	173	270	169M	172	0	0	0	800M
16	0	0	0	0	77	124M	527	394	119	0	0	0	1241M
17	0	0	0	0	0	157	322	259	111	0	0	0	829
18	0	0	0	0	126	240	267	446	29	1	0	0	1109
19	0	0	0	0	28	297	431	270	191	3	0	0	1220
20	0	0	0	0	70	258	344	273	192	39	0	0	1176
21	0	0	0	0	120	387	512	298	219	0	0	0	1536
22	0	0	0	0	139	297	326	335	189	5	0	0	1291
23	0	0	0	0	61	282	397	310	133	0	0	0	1183
24	0	0	0	0	0	191	242	313	70	34	0	0	850
25	0	0	0	21	26	336	372	310	279	0	0	0	1344
26	0	0	0	0	118	159	394	353	148	0	0	0	1172
27	0	0	0	0	43	356	298	162	201	18	0	0	878
28	0	0	0	0	84	127	360	347	71	0	0	0	989
29	0	0	0	0	20	181	347	233	122	0	0	0	903
30	0	0	0	0	93	225	437	363	180	0	0	0	1298
31	0	0	0	0	29	348	486	341	294	33	0	0	1529
32	0	0	0	0	98	291	397	313	130	0	0	0	1229
33	0	0	0	0	103	429	484	307	276	0	0	0	1599
34	0	0	0	0	166	471	536	353	111	5	0	0	1642
35	0	0	0	0	0	167	459	366	135	0	0	0	1127
36	0	0	0	0	151	276	592	474	201	0	0	0	1694
37	0	0	0	0	95	207	335	409	125	0	0	0	1171
38	0	0	0	0	74	186	406	406	188	51	0	0	1311
39	0	0	0	0	136	270	366	264	243	0	0	0	1279
40	0	0	0	0	20	273	381	322	129	36	0	0	1161
41	0	0	0	0	146	283	372	360	186	8	0	0	1357
42	0	0	0	0	72	219	357	264	121	0	0	0	1033
43	0	0	0	0	49	270	397	388	94	0	0	0	1198
44	0	0	0	0	156	343	335	329	146	0	0	0	1311
45	0	0	0	0	0	151	264	288	146	0	0	0	849
46	0	0	0	0	8	222	353	187	135	36	0	0	941
47	0	0	0	0	24	170	245	546	167	89	0	0	1241
48	0	0	0	0	46	237	353	332	181	0	0	0	1149
49	0	0	0	0	131	318	462	310	51	10	0	0	1282
50	0	0	0	0	115	201	251	190	124	36	0	0	917
51	0	0	0	0	107	178	335	291	94	0	0	0	1005
52	0	0	0	0	66	420	453	295	156	0	0	0	1390
53	0	0	0	0	102M	417	422	350	178	26	0	0	1493M
54	0	0	0	0	26	390	524M	353	222M	0	0	0	1515M
55	0	0	0	29	107	157	490	412	192	0	0	0	1387
56	0	0	0	0	118	258	288	310	140	74	0	0	1188
57	0	0	0	0	77	243	400	329	119	0	0	0	1168
58	0	0	0	0	80	149	288	338	154	0	0	0	1009
59	0	0	0	0	149	312	360	440M	186	0	0	0	1447M
60	0	0	0	0M	24	194	279	304	240	0	0	0	1041M
61	0	0	0	0	0	194	329	267	186	0	0	0	976
62	0	0	0	0	202	270	298	307	114	5	0	0	1196
63	0	0	0	0	59	279	332	220	156	0	0	0	1046
64	0	0	0	0	154	282	369	301	157	0	0	0	1263
65	0	0	0	0	174	222	298	254	159	0	0	0	1107
66	0	0	0	0	6	237	481	236	105	0	0	0	1067
67	0	0	0	0	6	261	270	187	105	0	0	0	829
68	0	0	0	0	29	282	329	341	143	0	0	0	1124
69	0	0	0	0	97	186	403	330	135	0M	0	0	1131M
70	0	0	0	0	130	192	329	295	188	0	0	0	1134
71	0	0	0	0	16	357	223M	226	176	54	0	0	1052
72	0	0	0	0	121M	181	310	298	167	0	0	0	1079M
73	0	0	0	0	23	246	366	329	176	38	0	0	1178
74	0	0	0	0	59	151	400	257	59	0	0	0	926
75	0	0	0	0	139	285	307	366	87	0M	0	0	1184M
76	0	0	0	0	29	228	363	195	121	0	0	0	936
77	0	0	0	1	189	183	415	242	160	0	0	0	1190
78	0	0	0	0	49	237	326	242	189	0	0	0	1043
79	0	0	0	0M	69	255M	291	267	132	0	0	0	1014M
80	0	0	0	0	97	186	484	409	168	0	0	0	1344
81	0	0	0	3	0	264	319	229	180	0	0	0	925
82	0	0	0	0	154	130	347	211	125	0	0	0	967
83	0	0	0	0	23	222	440	484	173	0	0	0	1342
84	0	0	0	0	18	312	264	332	105	15	0	0	1046
85	0	0	0	0	113	168	285	195	146*	0*	0*	0*	907**
86	0*	0*	0	0*	115*	291*	428*	171	172	0	0	0	1177**
87	0	0	0M	0	182	291	366	307	140	0	0	0	1286M
88	0	0*	0	0	103	231	397	432	156	0	0	0	1259**
89	0	0	0*	0	20	204	338	254	76	0	0	0	892**
90	0	0	0	0	26	231	301	245	164	0	0	0	967

[1]Cooling degree days based on mean monthly temperatures as opposed to accumulated daily values
* Springfield data used, Decatur data missing
** Total calculated from Springfield and Decatur data
M One to nine days missing.

HEATING DEGREE DAYS[1]

DECATUR, ILLINOIS

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTALS
1900-01							1066	1148	766	450	158	0	
01-02	0	0	65	264	801	1206	1184	1288	670	441	51	27	5997
02-03	0	0	125	242	474	1128	1206	1042	592	345	89	87	5330
03-04	0	0	68	264	786	1246	1373	1195	760	528	128	19	6367
04-05	0	0	51	279	642	1082	1330	1280	570	390	126	0	5750
05-06	0	0	40	344	714	1054	983	1005	1076	279	113	13	5621
06-07	0	0	1	335	759	1035	1076	1014	549	660	264	56	5749
07-08	0	0	70	369	741	964	1207	1064	642	378	120	6	5461
08-09	0	0	5	276	639	977	1153	888	772	438	176	0	5324
09-10	0	0	103	446	434	1352	1159	1145	446	369	226	17	5677
10-11	0	0	63	223	822	1225	1153	851	747	465	38	0	5587
11-12	0	0	30	335	852	927	1525	1186	1004	333	97	36	6325
12-13	0	0	29	229	654	953	1020	1070	843	587	108	0	5273
13-14	0	0	60	338	522	840	958	1240	880	363	82	0	5283
14-15	0	0	65	204	552	1252	1234	753	890	202	384	27	5363
15-16	0	31M	29	236	561	1054	1066	1073	787	429	123	76M	5465M
16-17	0	0	81	319	615	1153	1147	1120	747	423	245	43	5893
17-18	0	0	89	549	630	1308	1600	924	499	519	74	0	6192
18-19	0	0	172	199	645	794	995	885	651	318	172	0	4831
19-20	0	0	9	197	726	1234	1299	992	685	522	130	0	5794
20-21	0	0	8	161	717	986	939	764	422	273	80	0	4350
21-22	0	0	0	267	654	936	1212	885	660	300	61	0	4975
22-23	0	0	0	195	603	1008	958	1078	822	390	139	0	5193
23-24	0	0	67	397	612	744	1342	983	868	276	268	9	5546
24-25	0	0	130	166	645	1218	1172	784	657	180	174	0	5126
25-26	0	0	0	574	762	1138	1104	851	930	561	82	41	6043
26-27	0	0	52	307	816	1094	1200	731	626	354	158	44	5382
27-28	0	38	0	182	573	1116	1116	911	722	495	116	73	5342
28-29	0	0	129	207	648	936	1318	1137	521	282	181	19	5378
29-30	0	0	78	322	810	1079	1364	680	778	255	107	0	5473
30-31	0	0	21	332	555M	1008	939	725	853	303	171	0	4907M
31-32	0	0	0	167	375	738	868	734	939	312	102	0	4235
32-33	0	0	70	291	819	1048	791	954	713	360	97	0	5143
33-34	0	0	0	335	681	887	946	1067	846	339	34	0	5135
34-35	0	0	89	195	519	1097	1051	851	512	444	210	33	5001
35-36	0	0	65	267	717	1218	1352	1299	676	465	49	0	6108
36-37	0	0	0	282	759	908	1116	988	809	384	105	0	5351
37-38	0	0	75	381	783	1113	1116	720	477	306	126	1	5098
38-39	0	0	13	149	564	998	921	932	642	450	64	0	4733
39-40	0	0	0	204	675	893	1538	969	818	396	181	0	5674
40-41	0	0	71	164	726	853	1039	1016	849	211	54	0	4983
41-42	0	0	14	192	594	822	1101	997	623	228	128	0	4699
42-43	0	0	79	270	579	1159	1313	683	837	405	151	0	5276
43-44	0	0	106	282	756	1107	949	885	631	426	44	0	5386
44-45	0	0	54	257	600	1234	1265	876	384	348	220	49	5287
45-46	0	0	54	316	660	1252	1063	846	332	261	192	0	4976
46-47	0	13	65	164	573	877	1004	1128	936	372	176	30	5338
47-48	0	0	33	112	819	964	1277	998	744	225	154	0	5326
48-49	0	0	19	357	606	958	1051	882	710	378	69	0	5030
49-50	0	0	149	190	609	874	939	935	631	540	85	0	5152
50-51	0	10	76	164	864	1305	1107	927	843	453	93	22	5864
51-52	0	0	106	208	885M	1079	1035	827	812	345	135	0	5432M
52-53	0	0	44	425	624	946	1017	798	682	465	98M	0	5099M
53-54	0	0	24	174	600	973	1091	697	837	207	174	0	4780
54-55	0M	0	0M	226	636	942	1113	912	725	172	93	43	4862M
55-56	0	0	8	260	786	1085	1147	928	701	420	82	0	5417
56-57	0	0	60	126	672	887	1293	773	725	336	123	0	4995
57-58	0	0	81	350	687	853	1097	1120	865	342	119	51	5565
58-59	0	0	46	215	555	1190	1293	921	694	342	51	0	5307
59-60	0	0M	14	291	870	853	1066	1076	1166	270M	176	6	5788M
60-61	0	0	0	254	624	1175	1206	823	645	507	202	6	5442
61-62	0	0	14	254	666	1116	1355	927	853	375	0	0	5560
62-63	0	0	86	195	648	1163	1451	1165	601	216	141	0	5666
63-64	0	0	44	75	558	1389	1914	983	769	294	46	0	5172
64-65	0	0	45	332	531	1079	1125	952	998	282	26	0	5368
65-66	0	0	41	279	561	800	1283	958	651	435	192	0	5200
66-67	0	0	95	357	597	1011	1026	1058	636	255	194	0	5229
67-68	0	13	95	304	771	1008	1190	1073	636	336	171	0	5397
68-69	0	0	57	279	678	1063	1265	899	918	279	103	14	5555
69-70	0	0	63	329M	747	1119	1398	991	834	294	70	8	5853M
70-71	0	0	33	276	741	955	1287	960	825	342	184	0	5583
71-72	0M	0	24	146	648	853	1231	1044	772	393	77M	19	5207M
72-73	0	0	33	381	786	1135	1050	902	493	378	177	0	5345
73-74	0	0	24	162	576	1122	1138	882	592	270	141	49	4956
74-75	0	0	141	285	660	970	1026	972	840	420	61	0	5375
75-76	0	0	113	205M	519	973	1262	725	561	264	171	0	4793M
76-77	0	0	79	487	918	1252	1674	988	583	199	11	3	6194
77-78	0	0	40	363	660	1156	1500	1308	946	342	151	0	6466
78-79	0	0	11	350	585	1026	1566	1296	710	420M	131	0M	6095M
79-80	0	0	68	304	702	896	1186	1215M	868	405	103	1	5728M
80-81	0	0	32	397	669	1004	1231	913M	713	197	204	0	5360M
81-82	0	0	91	316	606	1159	1473	1103	760	495	46	70	6119
82-83	0	0	75	270	642	794	1101	818	716	489	177	0	5082
83-84	0	0	27	236	582	1466	1299	832	980	423	182	0	6027
84-85	0	0	95	185	705	859	1404	1095	595	205	87	32	5262
85-86	0	5	54*	213*	666*	1349*	1113*	1067*	632	228*	83*	0*	5412**
86-87	0*	29	29	276	804	1011	1218	781	595M	309	18	0	5070**
87-88	0	0	60	474	561	946	1246	1143*	729	339	97	0	5595**
88-89	0	0	44	518	660	1054	899	1210	756*	372	181	0	5694**
89-90	0	0	124	242	678	1426	846	804	592	384	174	0	5270
90-91	0	0	36	326	492	1039							

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

* Springfield data used, Decatur data missing

** Total calculated from Decatur and Springfield data

M One to nine days missing.

TOTAL MONTHLY PRECIPITATION

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1901	1.78	1.17	3.23	1.98	2.00	5.33	.49	.86	1.27	3.18	1.54	4.43	27.26
02	1.06	1.42	3.93	2.26	2.80	9.03	2.43	7.01	4.98	2.08	2.45	3.83	43.28
03	1.60	4.13	2.48	4.84	3.66	2.61	4.57	5.16	2.67	4.07	1.74	2.16	39.69
04	2.73	1.33	7.29	3.39	2.67	2.18	4.44	5.55	9.48	.38	.07	1.84	41.15
05	2.02	1.72	1.56	3.11	4.54	1.69	3.82	1.44	3.05	4.76	1.70	1.90	31.31
06	3.04	1.90	4.93	3.02	6.73	1.78	3.45	5.35	3.47	2.46	4.63	3.51	44.27
07	7.47	.30	4.75	2.94	2.89	4.29	7.03	7.36	2.08	1.01	2.07	2.89	43.08
08	1.64	4.29	3.87	4.54	10.23	3.81	2.25	1.25	1.27	.71	2.09	1.67	37.62
09	2.43	4.31	1.27	5.58	5.30	3.14	6.18	2.20	2.79	3.59	3.13	2.40	42.32
10	1.95	1.72	.58	3.00	7.16	3.27	3.23	3.81	3.94	2.20	2.84	1.98	35.68
11	2.67	1.50	1.83	5.11	3.60	2.44	1.45	4.08	12.00	2.59	3.31	1.41	41.99
12	1.34	1.64	4.60	6.80	3.25	3.41	2.67	4.12	1.50	3.22	2.09	.97	35.61
13	5.19	1.28	6.87	3.55	1.12	2.90	1.40	2.18	2.74	3.65	3.68	1.62	37.18
14	2.69	3.03	1.00	3.85	.53	.61	2.50	2.86	3.26	1.74	.64	2.39	25.10
15	1.91	2.34	1.34	2.77	6.80	3.08	8.30	5.27	2.48	.72	1.18	3.25	40.44
16	6.17	1.16	1.59	1.53	5.28	2.72	.11	2.72	2.89	2.25	2.08	1.53	30.03
17	1.19	.50	4.74	4.08	4.66	6.77	1.04	2.59	1.18	2.09	.23	.87	29.94
18	2.16	2.04	.88	5.39	3.21	4.66	3.89	3.97	4.26	2.45	1.74	3.01	37.66
19	.31	1.43	2.43	1.30	4.04	7.46	1.31	2.23	2.15	6.97	3.00	.25	32.88
20	1.03	.62	5.21	5.16	6.01	1.21	1.79	2.22	3.07	1.65	.65	3.64	32.26
21	1.58	.91	7.71	4.33	1.06	2.85	2.75	5.66	5.62	2.02	4.69	2.48	41.66
22	1.33	.72	9.82	7.40	2.42	1.25	3.53	1.78	1.04	2.47	3.21	2.87	37.84
23	1.33	1.38	5.45	2.51	3.28	3.16	4.64	3.51	5.00	5.72	1.79	5.15	42.92
24	2.05	1.43	3.41	2.63	3.49	5.81	1.35	5.75	2.04	2.32	1.39	5.85	35.52
25	.56	1.79	3.65	1.98	.63	2.87	2.54	4.62	5.40	3.11	2.36	1.25	30.76
26	1.88	3.12	2.67	5.16	3.98	4.98	2.23	7.47	16.56	6.18	3.09	1.36	58.68
27	2.18	1.11	4.34	7.74	7.86	5.25	6.14	5.70	6.83	3.14	5.37	2.92	60.58
28	1.65	2.60	1.74	3.87	2.92	4.88	3.95	2.01	3.55	3.86	2.41	2.96	36.40
29	3.46	.61	3.40	7.63	7.64	3.50	6.77	1.88	1.91	4.82	1.21	2.60	45.43
30	4.40	1.88	1.70	3.03	2.41	2.89	1.54	4.00	4.05	1.22	2.01	.21	29.34
31	.20	1.30	2.70	3.04	3.55	2.25	2.41	1.98	3.42	2.27	3.32	2.22	28.66
32	2.54	1.07	1.89	2.52	1.61	5.95	3.27	3.94	3.40	3.06	1.27	3.19	33.71
33	2.57	1.54	3.21	3.50	9.97	.53	.28	1.95	4.88	4.12	.71	.95	34.21
34	1.34	.86	3.32	.94	.30	1.90	4.34	4.07	7.85	1.70	4.06	2.09	32.77
35	1.88	1.51	2.08	2.58	7.53	4.29	4.15	2.04	3.55	2.10	4.74	1.25	37.70
36	1.64	2.69	2.06	2.62	2.11	.93	2.15	2.78	5.70	3.75	3.70	2.95	33.08
37	5.97	1.63	.72	4.55	3.31	7.80	4.03	3.55	2.83	3.25	2.21	2.19	42.04
38	1.27	3.39	5.66	3.66	4.64	3.30	5.32	1.55	2.51	3.99	1.09	1.87	38.25
39	3.58	5.59	4.13	4.48	1.52	4.26	2.12	5.10	.66	2.85	1.15	1.37	36.81
40	1.31	.77	1.77	4.71	4.07	2.52	2.45	5.82	.17	2.13	2.88	1.92	30.52
41	2.21	.53	1.03	4.25	3.96	2.80	2.76	5.00	4.04	10.64	3.52	1.30	42.04
42	1.35	3.45	2.85	2.80	3.69	6.46	5.34	.99	4.36	2.57	5.25	2.17	41.28
43	.61	.74	3.64	2.76	12.57	4.53	2.27	.22	2.90	2.51	2.28	1.64	36.67
44	.33	3.40	3.92	8.29	3.62	2.41	1.52	3.45	5.61	.99	1.97	1.49	37.00
45	.87	1.56	6.69	4.43	4.45	5.84	1.29	2.65	6.54	2.48	2.67	2.40	41.87
46	1.34	2.03	2.83	3.07	7.59	5.27	2.62	4.57	1.82	3.23	4.85	1.68	40.90
47	2.10	.14	1.94	7.19	4.32	9.47	.56	1.00	4.32	4.88	1.59	2.02	39.73
48	1.09	2.30	5.69	3.16	5.10	5.33	3.76	2.25	1.86	2.16	3.16	2.45	38.31
49	6.05	3.44	1.42	2.38	2.70	2.96	1.65	4.98	2.27	5.88	.51	5.68	39.92
50	7.31	5.11	2.13	3.51	1.77	5.74	5.08	2.12	3.29	2.37	2.85	1.53	40.81
51	1.90	5.07	3.31	5.00	4.22	9.81	1.45	2.64	3.21	2.90	2.96	1.91	44.38
52	2.39	2.38	3.83	4.95	5.28	6.20	1.88	1.76	1.01	1.71	2.88	1.88	36.15
53	1.63	2.41	6.16	2.04	1.86	4.79	4.22	.77	1.23	1.75	.88	1.18	28.92
54	1.69	1.14	2.49	3.85	2.24	3.44	2.30	5.51	.84	3.70	.57	1.45	29.22
55	2.80	2.79	2.50	3.72	5.23	4.13	4.18	1.13	5.52	7.49	1.86	.23	41.60
56	.71	2.39	.97	3.75	3.92	2.56	4.23	5.85	.14	.59	2.62	2.72	30.45
57	1.78	2.12	1.73	9.71	5.60	8.40	4.10	2.07	.72	3.21	3.71	4.78	47.93
58	1.51	.68	1.37	2.79	4.26	9.92	7.73	1.88	2.55	.52	4.93	.43	38.57
59	2.35	2.91	3.26	3.35	4.07	.82	2.50	2.92	5.36	4.91	2.49	2.00	36.94
60	1.74	2.18	1.81	4.64	3.84	6.34	2.12	2.52	1.90	1.55	2.98	1.82	33.44
61	.48	2.26	4.91	4.86	4.61	2.85	4.70	2.63	4.91	4.63	3.42	2.90	43.16
62	3.66	1.91	3.59	1.17	4.66	1.65	4.19	4.74	2.02	2.63	2.08	.70	33.00
63	.83	.77	7.10	2.09	1.97	3.71	4.42	4.50	.37	1.80	2.32	1.07	30.95
64	1.37	1.74	3.91	6.98	.84	4.10	2.26	2.11	2.95	.22	5.13	1.35	32.96
65	4.37	1.94	2.49	5.18	1.80	7.10	2.48	8.60	6.89	1.19	.67	3.26	45.97
66	.32	2.82	2.19	5.87	3.93	.69	.94	1.88	6.49	1.80	4.28	4.15	35.36
67	2.95	1.49	3.25	3.00	5.38	3.22	3.21	3.51	2.60	5.16	1.91	8.15	43.83
68	3.05	2.15	1.82	3.59	9.50	7.31	4.91	1.73	2.49	1.24	4.81	2.64	45.24
69	3.24	1.65	2.09	4.40	1.45	1.78	5.86	2.61	7.05	5.13	1.94	1.94	39.14
70	.86	.94	2.28	6.90	5.15	5.73	2.06	2.42	4.48	2.56	1.41	1.15	35.94
71	1.30	3.45	1.58	1.20	4.30	3.22	10.29	.35	6.32	2.44	1.76	7.39	43.60
72	1.37	.98	3.72	5.30	1.67	3.02	2.27	5.96	7.63	2.09	3.87	5.70	43.58
73	1.20	.53	9.11	5.17	3.10	7.99	11.37	1.92	3.79	2.50	2.83	5.26	54.77
74	3.67	3.07	3.61	4.47	12.12	10.21	1.02	5.57	1.64	1.86	4.06	2.40	53.70
75	4.50	2.92	2.64	3.10	5.29	3.67	8.17	5.26	3.53	1.71	2.37	2.94	46.20
76	1.48	3.06	4.63	.94	1.91	2.29	3.82	3.70	1.80	3.59	.64	.38	28.24
77	2.13	1.51	5.45	2.68	5.74	4.11	4.46	10.29	2.32	3.99	1.48	3.65	49.81
78	.90	.91	3.62	3.00	5.90	2.20	6.26	6.06	1.50	1.53	2.39	2.19	36.46
79	4.01	.84	5.43	7.78	1.12	.89	7.14	4.54	.02	1.22	2.40	1.40	36.79
80	.67	1.96	3.66	2.34	1.77	2.38	.46	5.20	5.02	1.16	1.15	1.41	27.18
81	.24	2.88	1.67	5.25	7.38	5.61	6.37	10.97	1.97	1.86	1.38	2.82	48.40
82	5.45	1.22	4.12	2.18	6.07	4.09	3.30	5.44	2.60	2.37	4.30	5.21	46.35
83	.58	.89	3.03	5.35	6.71	4.00	1.19	1.73	.57	6.84	5.31	4.35	40.55
84	.69	2.75	3.85	3.49	5.32	.83	2.83	1.29	3.85	2.87	1.34	3.37	32.48
85	1.91	3.71	4.78	3.29	1.37	4.46	4.74	6.24	.64*	3.08*	5.01*	2.43*	41.66**
86	.04*	1.80*	1.02	1.57*	2.56*	6.23*	5.39*	2.05	7.76	4.08	2.67	1.51	36.68**
87	2.72	.18	1.28	2.64	1.46	4.52	5.52	2.07	.97	1.67	4.53	4.34	31.90
88	1.43	.73*	2.87	1.00	2.34	1.56	2.03	2.32	3.07	2.05	5.90	3.38*	28.68**
89	1.51	1.53	2.69*	5.86	2.83	2.68	1.53	3.22	5.18	1.77	1.04	.67	31.53**
90	2.30	5.71	1.85	2.44	8.52	7.18	3.80	3.29	1.29	6.93	3.31	7.56	54.18

* Springfield data used, Decatur data missing

** Total calculated from Decatur data and Springfield data

TOTAL SNOWFALL

SEASON	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASON
1900-1901							3.9	6.4	.5	.0	.0	.0	
01-02	.0	.0	.0	.0	T	6.4	12.5	2.5	.3	.0	.0	.0	21.7
02-03	.0	.0	.0	.0	T	3.9	10.4	14.4	1.0	2.0	.0	.0	31.7
03-04	.0	.0	.0	.0	1.5	3.5	15.4	4.5	2.2	T	.0	.0	27.1
04-05	.0	.0	.0	.0	.0	7.3	5.3	13.6	T	T	.0	.0	26.2
05-06	.0	.0	.0	.0	T	2.5	1.5	2.5	30.5	.0	.0	.0	37.0
06-07	.0	.0	.0	.0	T	.5	2.0	3.0	9.0	T	.0	.0	14.5
07-08	.0	.0	.0	.0	T	10.3	5.0	15.9	.0	.0	.0	.0	31.2
08-09	.0	.0	.0	.0	T	5.0	11.2	5.2	.5	T	T	.0	21.9
09-10	.0	.0	.0	T	.0	10.5	2.0	9.5	.0	2.5	.0	.0	24.5
10-11	.0	.0	.0	T	.0	1.0	5.0	4.0	T	T	.0	.0	10.0
11-12	.0	.0	.0	.0	2.5	2.0	6.7	9.5	7.8	T	.0	.0	28.5
12-13	.0	.0	.0	.0	T	T	2.2	7.9	9.5	T	.0	.0	19.6
13-14	.0	.0	.0	1.0	T	3.5	9.7	18.0	4.8	T	.0	.0	37.0
14-15	.0	.0	.0	.0	.0	7.6	11.0	T	2.3	.0	.0	.0	20.9
15-16	.0	.0	.0	.0	2.5	14.0	3.0	7.2	6.4	.0	.0	.0	31.1
16-17	.0	.0	.0	1.5	T	6.2	2.5	1.0	T	.0	.0	.0	11.2
17-18	.0	.0	.0	T	T	11.9	20.5	.5	.0	T	.0	.0	32.9
18-19	.0	.0	.0	T	.0	.9	1.0	4.5	4.0	T	.0	.0	10.4
19-20	.0	.0	.0	.0	T	.5	9.0	.1	4.5	11.0	.0	.0	25.1
20-21	.0	.0	.0	.0	.1	5.0	3.5	1.2	T	2.0	.0	.0	11.8
21-22	.0	.0	.0	.0	T	2.9	6.2	1.0	4.0	.0	.0	.0	14.1
22-23	.0	.0	.0	.0	4.0	2.0	3.3	3.2	1.0	1.0	T	.0	14.5
23-24	.0	.0	.0	.0	.0	T	9.2	5.5	13.2	.5	.0	.0	28.4
24-25	.0	.0	.0	.0	T	3.0	4.5	4.0	2.0	.0	.0	.0	13.5
25-26	.0	.0	.0	1.5	1.3	3.4	2.8	3.5	6.9	.5	.0	.0	19.9
26-27	.0	.0	.0	.0	3.5	8.7	12.4	.4	T	T	.0	.0	18.0
27-28	.0	.0	.0	.0	3.0	3.0	1.5	3.2	.5	T	.0	.0	11.2
28-29	.0	.0	.0	.0	T	1.5	4.5	3.5	T	.0	4.0	.0	13.5
29-30	.0	.0	.0	4.0	T	11.0	5.4	8.0	8.6	.0	.0	.0	30.0
30-31	.0	.0	.0	T	.7	.3	1.0	T	12.5	.0	.0	.0	14.5
31-32	.0	.0	.0	.0	4.0	T	T	4.0	3.9	.0	.0	.0	11.3
32-33	.0	.0	.0	.0	7.1	5.0	T	1.7	4.2	T	.0	.0	18.0
33-34	.0	.0	.0	.0	T	.9	2.6	8.9	13.0	T	.0	.0	25.4
34-35	.0	.0	.0	.0	.0	6.7	T	T	1.2	T	.0	.0	7.9
35-36	.0	.0	.0	.0	T	4.6	11.6	3.0	2.0	.4	.0	.0	21.6
36-37	.0	.0	.0	.0	T	3.4	5.1	4.1	2.4	.0	.0	.0	15.0
37-38	.0	.0	.0	T	6.2	.1	3.0	3.3	.0	T	.0	.0	13.1
38-39	.0	.0	.0	.0	2.0	.1	13.1	3.1	T	T	.0	.0	18.3
39-40	.0	.0	.0	.0	T	7.5	7.4	2.6	1.7	1.5	T	.0	20.7
40-41	.0	.0	.0	.0	T	T	4.0	2.5	2.0	.0	.0	.0	8.5
41-42	.0	.0	.0	.0	3.7	2.0	2.2	6.3	1.4	.0	.0	.0	15.6
42-43	.0	.0	T	T	3.3	8.3	3.5	.6	2.3	T	.0	.0	18.2
43-44	.0	.0	.0	T	.1	11.3	T	10.5	2.8	.0	.0	.0	24.7
44-45	.0	.0	.0	.0	.5	13.9	8.2	5.2	T	T	.0	.0	27.8
45-46	.0	.0	.0	.0	.3	9.1	3.5	1.2	.0	T	.0	.0	14.1
46-47	.0	.0	.0	.0	.0	.4	.9	1.2	6.4	.0	.0	.0	8.9
47-48	.0	.0	.0	.0	.4	.8	.3	6.5	5.0	.0	.0	.0	13.0
48-49	.0	.0	.0	.0	T	1.5	.6	2.3	1.5	T	.0	.0	6.1
49-50	.0	.0	.0	.0	T	T	1.5	6.6	8.9	T	.0	.0	17.0
50-51	.0	.0	.0	.0	3.9	13.8	3.2	5.3	7.9	1.0	.0	.0	35.1
51-52	.0	.0	.0	T	13.5	8.2	3.0	3.0	2.0	T	.0	.0	29.7
52-53	.0	.0	.0	T	1.0	5.8	2.6	T	6.0	T	.0	.0	15.4
53-54	.0	.0	.0	.0	.4	2.5	.6	.7	3.5	.1	T	.0	7.8
54-55	.0	.0	.0	T	1.0	3.7	4.4	2.5	3.5	.0	.0	.0	15.1
55-56	.0	.0	.0	T	1.1	3.0	8.7	9.6	5.2	T	.0	.0	27.6
56-57	.0	.0	.0	.0	1.0	1.5	3.9	T	3.0	T	.0	.0	9.4
57-58	.0	.0	.0	T	T	4.5	1.5	1.5	2.0	.0	.0	.0	9.5
58-59	.0	.0	.0	.0	3.5	.8	7.5	3.0	6.1	.0	.0	.0	20.9
59-60	.0	.0	.0	.0	1.0	.7	3.0	13.0	16.5	.0	.0	.0	34.2
60-61	.0	.0	.0	.0	.5	10.0	2.8	7.0	1.0	.8	.0	.0	22.1
61-62	.0	.0	.0	.0	2.3	7.7	9.5	9.5	.3	T	.0	.0	29.3
62-63	.0	.0	.0	.0	.0	3.5	7.4	6.0	.0	.0	.0	.0	16.9
63-64	.0	.0	.0	.0	T	7.4	8.0	12.1	4.0	.0	.0	.0	31.5
64-65	.0	.0	.0	.0	3.0	4.8	10.5	10.0	7.0	.0	.0	.0	35.3
65-66	.0	.0	.0	.0	.0	.0	.5	8.0	1.8	.0	.0	.0	10.3
66-67	.0	.0	.0	.0	.0	3.6	8.6	4.5	2.8	1.1	.0	.0	20.6
67-68	.0	.0	.0	.0	3.5	8.3	18.5	1.3	4.0	.0	.0	.0	35.6
68-69	.0	.0	.0	.0	.9	2.5	4.0	3.0	7.0	.0	.0	.0	17.4
69-70	.0	.0	.0	.0	2.0	9.0	8.2	3.0	1.9	2.6	.0	.0	26.7
70-71	.0	.0	.0	.0	T	.5	4.3	1.5	T	1.5	.0	.0	8.0
71-72	.0	.0	.0	.0	.5	.0	9.5	4.4	6.0	3.0	.0	.0	23.4
72-73	.0	.0	.0	.0	6.0	4.5	2.0	1.7	T	T	.0	.0	14.2
73-74	.0	.0	.0	.0	.0	38.5	8.3	6.0	3.0	.0	.0	.0	47.8
74-75	.0	.0	.0	.0	2.0	2.5*	6.0	7.5	4.5*	.0	.0	.0	22.5**
75-76	.0	.0	.0	.0	8.5*	2.5	6.5	2.1*	.0	.0	.0	.0	19.6**
76-77	.0	.0	.0	.0	.0	2.0	21.1	7.0	.5	.0	.0	.0	30.6
77-78	.0	.0	.0	.0	3.3	10.1	7.4	7.8	14.0	T	.0	.0	42.6
78-79	.0	.0	.0	.0	T	.3	25.0	7.8	4.5	.0	.0	.0	37.6
79-80	.0	.0	.0	.0	T	T	3.0	9.3	5.0	2.5	.0	.0	19.8
80-81	.0	.0	.0	T	9.0	1.5	3.8	9.0	.0	.0	.0	.0	23.3
81-82	.0	.0	.0	.0	T	22.3	11.5	15.0	T	.0	.0	.0	48.8
82-83	.0	.0	.0	.0	T	T	2.3	2.0	6.0	.9	.0	.0	10.3
83-84	.0	.0	.0	.0	.0	13.5	2.3	10.0	4.8	.0	.0	.0	30.6
84-85	.0	.0	.0	.0	1.5	1.0	5.6	.5	T	.0	.0	.0	8.6
85-86	.0	.0	.0*	.0*	T*	4.3*	.2*	15.1*	0.1*	.0*	.0*	.0*	19.7**
86-87	.0*	.0	.0	.0*	.5*	.0	17.5	.0	.0	.0	.0	.0	18.0**
87-88	.0	.0	.0	.0	.0	6.5	.5	13.7*	10.5	.0	.0	.0	31.2**
88-89	.0	.0	.0	.0	.0	4.5	.8	9.7	6.0	.7	.0	.0	21.7
89-90	.0	.0	.0	.0	.0	9.5	.0	.5	1.5	.0	.0	.0	11.5
90-91	.0	.0	.0	.0	.0	14.5							

* Springfield data used, Decatur data missing
** Seasonal total calculated from Decatur and Springfield data
T Trace, an amount too small to measure

DECATUR STATION HISTORY

Systematic daily weather observations have been taken in Decatur since 1891, first under the auspices of the Signal Corps, followed by the U. S. Weather Bureau and the National Weather Service. Decatur 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 Decatur Cooperative weather station is one of about 200 such observing sites in Illinois under the direction of the National Weather Service. Decatur 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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