

SWS Miscellaneous Publication 98-22  
STATE OF ILLINOIS  
DEPARTMENT OF NATURAL RESOURCES

*Local Climatological Data Summary*  
*Hillsboro, Illinois*  
*1895 - 1993*

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## **LOCAL CLIMATOLOGICAL DATA FOR HILLSBORO ILLINOIS 1895-1993**

### **Climatological Summary:**

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

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

Summer daytime temperatures in Hillsboro are usually in the 80s or low 90s, with nighttime lows some 20° F lower. Humidities are relatively high, with comfort often impaired. Average annual precipitation is 40.72 inches. Each summer month generally supports some four inches of rainfall, mostly in showers and thunderstorms, occasionally accompanied by hail or even a tornado. Summer winds are usually out of the southwest.

On average, the 32° F growing season continues from 13 April until 15 October, i.e., 183 days, although the it has varied from 156 to 215 days during the last 30 years. Mean annual heating degree days total (base: 65° F) 5,121; cooling degree days 1,234; and growing degree days (base: 50° F) 3,905.

Winters in Hillsboro are markedly more severe than those in southern Illinois. Average January highs are near 37 with lows in the upper-teens. Ground frost of 10-20 inches depth is common from January through March, occasionally with breaks in the temporal continuity.

Average annual snowfall is about 18 inches. Snowfalls of 6 inches or more at Hillsboro are expected about once or twice each year on average. The month with the greatest snowfall ever in Hillsboro was December 1973 with 25.5 inches. Snowcover in Hillsboro generally continues for several weeks at a time. As with frost, however, there are often breaks in snowcover during any given winter.

The highest temperature on record at Hillsboro is 114° F recorded on 14 July 1954, whereas the lowest is -22° F occurring on 14 February 1905. The greatest precipitation amount ever recorded in Hillsboro within 24 hours was 6.53 inches on 18 October 1905. Such an amount has a return frequency in excess of 100 yrs. The greatest monthly total was 13.42 inches in May 1990.

Latitude H9 09  
Longitude W89 29

Clinatological Suesary  
Keans: 1961-1990 ; Extrems: 1895-1994

Hillsboro, IL  
Elevation 630

Hn	Beans			Extremes		Number of Days			Degree Days			Precipitation		Snow												
	Ave Hx	Ave Fin	Ave Hean	High Teop	Low Date	Hx >=90	Fin <=32	Hean <=0	Beat	Cool	Grow	Hean	Year	Amount	Date	>=0.1	>=0.5	>=1.0	Mean	Year	Depth	Date				
Jan	36.7	18.0	27.4	75	23/1909	-21	12/1918*	0	9	26	2	1,144	0	3	1.93	8.74	1950	2.47	3/1950	5	4.8	24.3	1987	15	22/1918/	
Feb	42.0	22.2	32.1	79	24/1930*	-22	14/1905	0	6	22	1	920	0	7	2.01	6.31	1951	2.28	10/1959	5	4.4	22.0	1910	10	2/1936/	
Mar	54.4	32.8	43.6	90	24/1929	-10	6/1960	0	1	16	0	663	3	62	3.64	9.26	1938	3.19	14/1922	7	3.2	22.7	1906	6	3/1916/	
Apr	67.1	43.5	55.3	92	26/1989	18	5/1920	0	0	5	0	314	24	215	3.89	10.95	1994	3.94	12/1979	8	0.6	7.0	1971	7	6/1971	
May	76.6	52.8	64.7	99	31/1895	28	25/1925*	1	0	0	0	104	96	458	4.63	13.42	1990	4.02	25/1990	8	0.0	5.0	1929			
Jun	85.2	61.6	73.4	106	30/1931	37	16/1917	9	0	0	0	9	259	700	3.92	12.09	1957	4.08	28/1951	7						
Jul	88.8	65.3	77.1	114	14/1954	45	15/1930	15	0	0	0	2	376	840	3.90	10.98	1958	4.07	15/1955	6						
Aug	86.6	62.5	74.6	112	4/1918	39	29/1986	12	0	0	0	3	299	761	3.49	13.12	1915	5.49	21/1915	5						
Sep	80.4	55.5	68.0	106	23/1956	26	30/1899	5	0	0	0	59	150	541	3.53	9.07	1926	4.97	17/1969	6						
Oct	69.1	44.4	56.8	95	3/1922	17	29/1925*	0	0	4	0	281	25	245	2.88	9.72	1905	6.53	18/1905	5	0.0	1.8	1929			
Nov	54.7	34.7	44.7	83	8/1931*	-5	25/1950	0	1	14	0	607	2	65	3.45	9.56	1985	2.82	1/1946	6	1.0	10.9	1951	10	6/1951/	
Dec	41.1	23.4	32.3	74	3/1970	-20	22/1989	0	6	24	1	1,015	0	8	3.45	8.71	1971	3.72	8/1966	5	4.3	25.5	1973	15	27/1915	
Tot/Ave	65.2	43.1	54.2					42	23	111	4	5,121	1,234	3,905	40.72					73	27	10	18.3			

Heans based on 1961-1990 data.

Heans are based on 1961-1990 data.

EitreBes based on period of record.

Extremes based on period of record

\*\* Temperature records begin 1896.

++ Snow depth data based on peroid of 1901-1994

\* Records also occurred On the following dates:

+Calendar Day

- Jan Low Temp 1/1/1985
- Feb: High Temp 2/25/1903, and 2/10/1932
- May Low Temp 5/10/1966
- Oct: Low Temp 10/31/1925
- Nov High Temp 11/1/1950

/ Records also occurred on the following dates:

- Jan: Snowdepth 1/23/18
- Feb: Snowdepth 2/25/93
- Mar: Snowdepth 3/13/37, 3/2/47, 3/1/69
- Nov: Snowdepth 11/7/51

Probabilities:                      Precipitation (in)                      Missing Data:                      1 0%

Station: (114108) HILLSBORO\_ 2\_SSW                      Years:                      1961 To 1990

	1%	5%	10%	25%	50%	75%	90%	95%	99%
Ja	0.04	0.14	0.27	0.65	1.43	2.69	4.32	5.57	8.82
Fe	0.31	0.57	0.77	1.18	1.81	2.62	3.54	4.17	5.53
Ma	0.71	1.20	1.54	2.26	3.30	4.62	6.07	7.06	9.19
Ap	0.42	0.88	1.24	2.08	3.41	5.21	7.30	8.76	11.97
Ma	0.69	1.29	1.72	2.69	4.14	6.04	8.17	9.65	12.86
Jun	0.50	0.99	1.36	2.18	3.46	5.16	7.09	8.44	11.38
Ju	0.48	0.95	1.32	2.16	3.47	5.22	7.22	8.62	11.68
Au	0.77	1.25	1.57	2.25	3.22	4.43	5.75	6.64	8.55
Se	0.14	0.39	0.66	1.40	2.76	4.84	7.41	9.29	13.57
Oc	0.32	0.67	0.93	1.55	2.51	3.81	5.30	6.35	8.65
No	0.35	0.76	1.08	1.83	3.04	4.69	6.60	7.94	10.90
De	0.27	0.64	0.95	1.68	2.91	4.63	6.65	8.08	11.26
An	23.52	27.73	30.18	34.59	39.98	45.91	51.72	55.41	62.79
Wi	1.44	2.44	3.14	4.61	6.75	9.48	12.47	14.52	18.90
Sp	4.31	5.93	6.95	8.92	11.51	14.57	17.75	19.84	24.18
Su	4.08	5.59	6.55	8.38	10.81	13.66	16.62	18.57	22.61
Fa	4.56	5.74	6.45	7.77	9.43	11.32	13.22	14.45	16.96

Growing Season Summary  
Station: (114108) HILLSBORO2SSW  
Years: 1961 To 1990                      Missing Data:                      1.1%

Base Temp	Date of Last Spring Occurrence						Date of First Fall Occurrence					
	Median	Early	90%	10%	Late	#yrs	Median	Early	10%	90%	Late	#yrs
32	4/13	3/31	4/04	5/04	5/10	30	10/15	9/22	10/02	11/01	11/10	30
30	4/10	3/20	3/27	4/29	5/10	30	10/20	9/22	10/03	11/08	11/13	30
28	4/07	3/18	3/22	4/21	5/10	30	10/27	10/02	10/09	11/13	11/25	30
24	3/26	3/02	3/17	4/10	4/16	30	11/08	10/11	10/22	11/30	12/04	30
20	3/18	2/19	2/28	4/03	4/06	30	11/21	10/24	11/02	12/03	12/05	30
16	3/07	1/28	2/08	3/23	3/31	30	12/04	11/06	11/13	12/17	12/22	30

  

Base Temp	Length of Season (Days)				
	Median	Shortest	10%	90%	Longest
32	183	156	162	201	215
30	192	156	172	214	224
28	206	168	180	226	252
24	228	191	194	252	268
20	247	206	221	271	278
16	275	228	250	300	323

AVERAGE MAXIMUM TEMPERATURE

HILLSBORO, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1896							86.5	87.4	78.5	64.2	52.4	44.6	
1897	34.1	41.4	52.6	63.1	73.4	84.2	88.2	85.5	91.6	79.0	52.7	36.1	65.2
1898	40.3	43.3	55.7	62.7	74.6	85.6	86.5	85.9	83.4	62.7	49.6	37.1	64.0
1899		29.8	46.5	66.7	75.8	85.2	88.0	88.7	78.8	73.2	56.6	38.1	
1900	41.5	36.1	47.6	65.8	75.9	80.5	86.4	94.5	83.2	74.6	52.3	40.5	64.9
1901	40.6	34.0	49.0	61.9	73.6	88.5	97.6	90.0	81.8	71.1	50.1	33.6	64.3
1902	34.8	30.3	53.5	62.3	79.7	81.7	88.7	84.2	75.0	70.4	58.1	36.8	63.0
1903	36.5	39.4H	57.5	67.2	77.6	76.5	89.5	85.4	80.1	68.6	50.7H	36.2	63.8M
1904	32.8	35.8	52.4	58.2	74.9	81.3	86.4	85.9	82.3	70.2	58.1	43.2	63.5
1905	32.3*	31.8	61.4	65.9	77.4	88.5	86.8	89.5	81.5	68.4	57.4	42.2	65.3**
1906	45.6	43.0	40.5	69.1	79.6	81.5	89.6	91.6	87.1	69.2	52.7	43.5	66.1
1907	45.2	42.6	62.4	54.9	69.5M	80.9	89.4	85.9	79.0	67.4	53.5	43.8	64.5M
1908	42.8	40.1	60.4	65.1	75.4	82.9	88.1	90.3	87.8	71.9	57.9	47.3	67.5
1909	40.6	47.6	54.0	64.1	72.5	85.8	86.5	93.2	79.9	67.0	64.3*	31.4	65.6**
1910	37.9	40.0	69.0	64.1	69.4	81.7	87.4	85.7	79.9	73.5	51.6	38.9	64.9
1911	43.0	46.8	57.7	61.2	81.8	92.1	91.5	87.0	83.1	66.9	44.7	44.8*	66.7**
1912	27.8	35.1	43.3	66.3	78.0	82.1	90.1	87.2	83.1	73.8	55.8	47.3	64.2
1913	43.4	39.6	51.8	64.0	78.8	90.9	93.8	96.1	83.3	66.8*	59.5*	44.9	67.7**
1914	44.8	34.5	51.1	64.0	78.0	91.5	94.3	87.9	78.1	68.6	58.6	33.1	65.4
1915	34.9	46.8	45.6	70.6	70.9	79.1	82.6	77.1	80.0	70.4	60.0	39.3	63.1
1916	42.3	39.0	52.6	60.3	75.7	77.7	94.0	88.0	77.4	69.8	57.5	41.2	64.6
1917	42.4	39.5	56.4	62.5	68.4	80.0	88.4	84.9	78.9	59.6	55.4	32.0	62.4
1918	23.6	44.1	64.3	58.1	77.7	85.7	88.9	94.1	73.8	70.4	52.3	49.3	65.2
1919	44.1	44.1	56.1	67.9	72.4	87.5	93.3	88.8	85.9	70.1	52.0	35.9	66.5
1920	32.8	41.1	54.9	60.0	73.7	85.4	90.4	85.4	81.6	74.4	51.0	43.0	64.5
1921	44.7	47.9	65.2	68.2	77.8	89.3	94.9	87.6	84.2	65.8	55.1	44.6	68.8
1922	37.9	43.9	55.0	68.1	79.0	89.4	90.0	90.9	87.7	74.2	56.6	45.0	68.1
1923	44.5	37.6	53.5	66.6	75.6	85.5	90.6	88.5	79.4	65.3	55.9	52.4	66.3
1924	34.6	42.7	46.9	70.7	71.4	84.1	86.1	90.2	78.1	77.9	57.0	36.8	64.7
1925	37.6	48.3	59.0	74.5	76.8	89.5	89.4	90.4	89.4	59.0	53.1	42.2	67.4
1926	41.5	46.0	48.7	60.3	80.8	82.9	93.9	91.9	81.4	68.9	48.2	39.3	65.3
1927	37.6	53.1	56.0	66.1	74.6	80.8	88.0	82.4	85.9	75.2	59.0	41.4	66.7
1928	41.4	45.0	55.4H	62.9	79.3	78.1	89.6	89.5	79.9	71.3	54.7	45.9	66.1M
1929	36.9	35.6	62.6	69.3	73.4	83.4	89.8	87.6	80.8	67.2	48.9	41.9	64.8
1930	34.1	54.0M	54.6H	72.0	78.9	86.9	96.5	94.3	84.0	65.3	55.5	41.5	68.1M
1931	44.4	49.2	47.7	67.7	72.9	90.2	95.1	88.9	87.6	71.4	61.8	49.8	68.9
1932	45.9	52.1	47.8	68.8	79.2	87.4	92.6	88.0	81.2	69.1	48.9	41.8	66.9
1933	50.1	43.0	53.8	65.6	76.0	94.0	94.3	90.3	88.5	68.2	54.9	46.5	68.8
1934	44.1	38.3	50.8	67.3	82.5	92.9	96.6	87.9	75.7	72.9	57.9	37.3	67.0
1935	41.6	45.4	60.4	60.7	68.9	79.2	90.8	87.4	80.8	68.5	50.1	34.5	64.0
1936	31.6	33.2	58.2	63.2	80.5	87.3	97.8	97.0	84.4	68.3	52.5	45.3	66.6
1937	38.6	40.6	51.3	66.2	75.7	83.1	86.8	90.6	80.9	65.7	50.6	35.4	63.8
1938	38.4	49.5	62.6	67.0	73.5	80.3	89.3	90.1	83.4	76.7	57.3	42.7	67.6
1939	45.6	43.6	58.4	61.5	77.3	81.7	86.7	83.6	86.2	72.6	52.7	45.7	66.3
1940	24.9	38.4	51.0	63.1	71.8	83.1	87.6	85.9	82.4	74.9	51.3	46.1	63.4
1941	40.4	39.0	49.4	68.7	79.5	85.6	89.4	91.5	82.8	70.0	54.7	46.6	66.5
1942	40.5	39.0	57.6	70.4	74.0	81.6	86.5	84.2	79.0	69.7	57.1	38.1	64.8
1943	39.7	50.4	50.7	66.3	72.7	84.2	89.0	89.9	76.8	69.0	52.5	38.5	65.0
1944	43.9	47.5	50.6	63.1	78.4	88.3	89.6	88.1	79.6	70.9	53.3	34.8	65.7
1945	34.4	45.4	65.1	65.6	69.5	77.6	85.4	86.4	79.0	67.3	53.7	34.3	63.6

\* Hillsboro data missing, Carlinville data substituted.

\*\* Annual average calculated from Hillsboro and Carlinville data.

† Hillsboro and Carlinville data missing, Pana data substituted.

†† Annual average calculated from Hillsboro and Pana data.

H Monthly- fewer than 4 days missing. Annually- one or more months incomplete.

YEAR	AVERAGE					MAXIMUM		TEMPERATURE				HILLSBORO, IL		ANNUAL AVERAGE
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1946	41.5	49.4	66.8	70.2	70.7	84.7	88.3	80.4	80.1	74.1	56.3	47.9	67.5	
1947	43.7	37.0	44.8	65.0	73.2	80.4	84.5	94.3	82.0	75.7	46.8	44.8	64.4	
1948	35.0	41.6	53.6	70.6	73.7	84.7	86.0	85.8	80.8	66.3	55.6	45.7	65.0	
1949	40.1	44.5	53.2	64.4	78.4	85.1	88.4	85.5	74.7	68.9	56.8	48.4	65.7	
1950	47.3	43.0	50.8	60.8	76.6	81.5	83.7	80.9	76.4	74.6	47.5	34.8	63.2	
1951	40.6	43.4	49.1	62.1	78.6	80.7	86.5	85.9	76.7	70.4	45.9H	40.8	63.4H	
1952	44.3	48.7	51.9	66.5	75.1	91.9	91.2	86.4	82.9	68.1M	55.8	43.2	67.2M	
1953	42.4	50.2	56.6	63.6	77.6	90.9	90.3	89.0	86.1	75.3	57.5	46.8	68.9	
1954	42.1	54.1	52.5	74.9	73.1*	91.1	97.5	89.9	88.6	69.3	55.7	42.6*	69.3**	
1955	40.1M	44.1	55.1	72.8	79.3	82.8	93.6	92.2	87.0	70.2M*	53.4	44.2M	67.9M**	
1956	38.2	43.0*	57.8M	66.2	79.1	87.6	87.6	89.5	85.8*	78.8M	55.5M	46.7	68.0M**	
1957	34.5M	47.2	53.7	64.7	74.5	84.4	88.9	88.5	79.0	62.9†	51.7	48.8	64.9M††	
1958	38.6	35.2	44.4	65.2	76.3	81.6	84.1	86.5	78.6	70.5	60.2M	37.9	63.3M	
1959	35.1M	44.4	55.6	66.6	78.1	86.1	88.0	89.0	81.4	67.7	47.0	46.1M	65.4M	
1960	39.6	37.5	38.3	69.0	70.8	82.5	85.6	88.2	84.7	69.7	55.2	37.8	63.2	
1961	38.1	46.4	55.7	60.9	70.9	84.0	87.7	85.1	82.8	69.6	52.7	38.9	64.4	
1962	33.1	45.5	48.8	64.9M	83.6	85.0	86.4	87.2	77.4	70.7	53.3	40.2	64.7M	
1963	30.3	37.9	59.9	70.9	74.5	87.7	86.8	84.5	81.4	81.0	57.4	30.8	65.3	
1964	43.5	41.6	53.1	67.7	79.6	85.4	89.3	89.5	81.1	68.5	59.0M	39.9	66.4M	
1965	40.4	43.6	44.8M	69.5	81.2	84.0	86.5	85.6	78.6	67.7	59.3	49.2	65.9M	
1966	33.3	41.3	57.4M	61.4	72.2	85.5	92.7	84.0	74.9	65.6	56.2	42.5	63.9M	
1967	43.5	41.2	57.6	69.8	71.0	83.4	83.4	80.6	75.3	66.5	50.0	41.9	63.7	
1968	35.9	38.6	56.7	65.9	71.9M	85.7	87.0	85.4	78.7	68.2	51.9	40.5	63.9M	
1969	35.1	40.6	47.1M	67.6	76.2	82.7	88.2	86.2	78.4	66.0	51.2*	37.9	63.1M**	
1970	31.5	42.2	49.4	68.0	79.6	81.1	87.6	84.9	83.5	66.5	52.6	45.9	64.4	
1971	36.3	42.9	52.7	68.6	72.7	88.3	83.2	85.5	82.6	74.9	54.7	46.3	65.7	
1972	39.3	43.3	54.8	66.5	78.3	84.1	85.5	85.6	80.5	64.1	45.8	36.3	63.7	
1973	40.6	42.6	59.6	62.5	71.5	83.5	86.8	85.0	78.1	72.9	56.1	38.3	64.8	
1974	38.5	45.8	58.6	68.6	73.4	78.3	89.4	83.2	72.5	68.9	51.9	41.3	64.2	
1975	40.5	38.2	47.9	64.3	76.8	83.1	85.6	85.7	74.9	72.2	58.4	42.5	64.2	
1976	35.9	53.3	59.9	69.1	72.6	83.0	89.9	83.7	79.3	62.2	48.6	38.7	64.7	
1977	22.9	42.2	59.5	72.3	81.9	82.3	89.5	83.8	80.4	65.8	52.4	39.3	64.4	
1978	27.3	28.8	45.4	66.9*	73.0	84.0	87.4	86.0	86.8	68.5	57.8	42.1	62.8**	
1979	23.9*	31.4	54.8	65.1	78.1	89.5	89.4	88.2	81.7*	70.3	52.9	46.9	64.4**	
1980	36.3*	33.7*	48.2	65.5	78.2	86.7	94.1	92.6	83.3	68.4	54.8	43.8	65.5**	
1981	39.5	49.6M	56.3	74.3	71.8	86.8	88.9	86.0	79.5	67.7	57.7	38.6	66.4M	
1982	30.5	38.5	53.7	62.0	82.5	79.8	88.9	84.7	78.9	68.8	55.0	49.5	64.4	
1983	37.8	46.9	53.0	59.3	74.1	86.1	94.0	95.1	84.3	69.7	56.6	27.7	65.4	
1984	35.5	50.2	44.9	62.8	74.8	88.9	89.4	89.8	79.4	71.5	54.3	50.7	66.0	
1985	31.6	37.4	57.6	71.6	80.2	82.5	85.7*	83.8	81.9	71.1	54.9	35.4	64.5	
1986	44.3	42.2	60.0	72.8	80.2	89.4	92.4	86.3	85.3	69.1	48.5	42.2	67.7	
1987	37.2	49.1	60.2	71.2	86.8	90.8	92.0	89.9	83.8	66.3	58.6	43.5	69.1	
1988	37.5	40.6	56.2	72.3	83.3	91.9	93.4	94.2	84.4	65.8	55.5	45.9	68.4	
1989	48.1	34.7	56.3	67.5	74.5	85.7	90.1	88.5	79.1	72.5	57.7	32.3	65.6	
1990	51.2	49.0	59.6	65.1	73.4	86.8	90.1	87.6	84.1	70.7	62.7	42.9	68.6	
1991	33.9	49.7	59.2	72.0	83.5	90.6	90.9	91.9	83.9	72.3	50.6	46.0	68.7	
1992	42.1	51.8	58.0	67.3	78.6	86.0	89.4	85.6	81.5	72.5	49.5	42.5	67.1	
1993	38.5	39.8	50.0	65.9	79.3	88.0	92.6	90.2	76.5	67.8	52.2	41.4	65.2	
1994	32.9	42.2	58.3	70.2	75.7	91.3	89.6	89.1	80.5	69.7	59.3	45.7	67.0	

\* Hillsboro data missing, Carlinville data substituted.

\*\* Annual average calculated from Hillsboro and Carlinville data.

† Hillsboro and Carlinville data missing, Pana data substituted.

†† Annual average calculated from Hillsboro and Pana data.

H Monthly- fewer than 4 days missing. Annually- one or more months incomplete.

AVERAGE MINIMUM TEMPERATURE

HILLSBORO, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1896							66.4	65.8	56.0	43.2	35.2	29.4	
1897	19.9	26.6	33.0	43.4	48.2	63.1	67.7	61.3	58.6	49.2	33.5	23.6	44.0
1898	27.0	26.2	36.2	40.8	53.9	64.6	65.8	65.2	60.8	45.6	30.6	20.7	44.8
1899		11.1	27.6	44.4	55.3	64.7	64.4	66.3	55.4	49.7	39.8	21.8	
1900	24.9	17.2	28.2	44.0	54.3	62.1	66.1	70.6	60.9	51.8	34.3	26.2	45.1
1901	23.8	18.8	33.0	40.1	51.5	65.2	70.6	64.7	54.9	46.0	30.0	19.9	43.2
1902	19.9	11.8	35.6	41.0	58.9	60.6	66.5	63.0	53.5	47.8	42.4	23.9	43.7
1903	20.6	21.6M	37.2	43.5	55.7	57.0	66.4	64.4	55.9	46.1	28.9	15.8	42.8M
1904	13.2	17.4	32.2	35.7	51.3	59.5	62.4	59.6	56.1	45.2	32.4	23.5	40.7
1905	13.1*	12.0	37.6	41.4	53.1	61.9	64.1	64.3	57.6	43.5	33.2	25.2	42.3**
1906	25.9	19.5	25.1	44.8	53.0	60.1	61.0	64.5	59.0	45.1	32.5	27.9	43.2
1907	27.5	23.4	37.9M	33.8M	44.7M	57.8	65.6	62.4	54.6	43.5	31.0	29.4	42.6M
1908	23.8	24.1	37.5	41.9	54.0	59.8	64.1	61.8	55.8	43.2	36.0	26.9	44.1
1909	23.7	27.6	31.5	39.7	49.3	62.3	62.3	64.5	52.8	41.4	41.9*	15.6	42.7**
1910	23.5	18.7	41.4	40.9	47.5	57.7	64.8	60.6	56.3	47.1	28.7	20.8	42.3
1911	24.9	28.4	32.1	40.1	55.3	63.4	62.7	61.6	60.6	46.2	29.5	26.9*	44.3**
1912	9.8	17.9	24.8	43.1	54.8	57.1	65.7	63.1	56.5	45.1	34.4	27.2	41.6
1913	25.2	19.4	30.3	41.6	52.3	62.4	67.3	66.0	56.2	44.2*	40.8*	32.0	44.8**
1914	28.7	15.3	30.5	44.3	53.7	65.4	65.8	65.0	55.4	48.0	35.7	20.1	44.0
1915	17.7	32.1	28.2	47.3	51.2	59.8	64.8	59.4	58.3	44.5	36.5	24.5	43.7
1916	22.4	20.2	29.9	41.1	53.9	57.1	67.4	65.2	53.3	43.6	35.1	22.2	42.6
1917	22.2	17.9	33.8	42.0M	46.1	58.6	63.5	60.1	51.6	36.2	35.4	13.8	40.1M
1918	5.2	22.9	35.1	38.4	56.4	60.3	61.0	68.8	48.3	49.4	35.0	32.3	42.8
1919	23.6	25.5	34.5	43.6	50.4	65.0	64.8	61.7	57.3	48.6	33.0	17.9	43.8
1920	16.8	24.2	34.1	38.7	51.7	60.1	62.8	59.9	57.6	48.6	31.3	26.4	42.7
1921	28.5	30.7	40.8	45.5	53.6	65.6	67.4	64.0	62.5	42.1	34.4	27.9	46.9
1922	16.5	25.4	35.5	44.7	55.5	61.8	63.8	62.4	56.3	45.6	36.7	23.8	44.0
1923	29.0	19.2	28.5	40.5	50.4	62.6	64.5	62.8	56.1	40.0	35.3	32.8	43.5
1924	12.6	23.3	29.4	43.6	45.5	60.5	60.0	62.6	50.5	45.2	33.9	18.9M	40.5M
1925	19.1	29.0	33.2	47.5	46.4	64.5	65.4	61.0	63.6	39.7	30.9	21.6	43.5
1926	23.0	28.4	27.5	36.9	53.5	57.3	64.7	65.6	60.2	46.0	29.0	22.7	42.9
1927	20.1	31.3	36.7	46.1	52.7	58.8	63.1	57.2	60.0	46.8	37.6	20.9	44.3
1928	21.6	26.3	32.5	38.8	51.5	57.4	65.7	64.7	49.5	48.7	36.4	26.8	43.3
1929	15.1	15.4	38.2	45.9	50.4	58.7	65.9	60.3	54.1	44.4	30.1	23.7	41.9
1930	13.4	32.6	30.7	45.5	54.1	59.3	65.6	62.7	58.4	43.6	34.9	25.5	43.9
1931	25.5	28.8	29.4	42.7	48.5	63.7	66.5	62.3	62.2	49.8	43.2	33.4	46.3
1932	29.5	30.8	26.5	43.1	52.2	61.8	65.0	63.5	53.4	43.5	26.4	22.3	43.2
1933	30.5	21.2	32.9	42.8	56.2	63.5	66.3	61.5	62.2	42.9	32.0	28.4	45.0
1934	26.2	17.6	28.8	42.8	54.3	66.2	69.5	64.7	55.4	46.4	38.3	23.5	44.5
1935	23.5	27.4	39.2	41.4	50.2	58.8	68.2	65.6	54.4	46.1	34.0	20.8	44.1
1936	15.3	13.3	35.5	38.4	55.9	59.6	70.5	69.4	62.0	46.6	30.5	27.5	43.7
1937	21.3	23.8	29.6	43.0	53.7	62.3	64.5	66.5	54.9	44.0	29.5	24.6	43.1
1938	22.5	33.5	40.3	45.3	53.7	61.5	66.5	67.6	58.7	47.4	34.7	26.1	46.5
1939	28.8	23.4	34.9	41.5	55.0	64.5	66.8	62.9	59.7	45.6	32.3	27.5	45.2
1940	8.5	26.6	32.3	41.5	50.0	63.1	64.6	65.2	53.2	47.9	32.1	30.5	43.0
1941	26.3	21.8	28.5	47.3	56.0	63.6	66.3	66.4	59.2	52.2	35.9	32.2	46.3
1942	21.2	24.3	35.6	46.2	53.5	63.8	67.6	64.0	55.9	46.6	37.9	22.5	44.9
1943	22.4	25.8	28.1	41.7	53.8	66.4	66.7	66.8	53.1	44.3	30.2	22.2	43.5
1944	25.6	27.0	31.1	41.5	58.3	65.7	64.0	64.5	58.1	44.4	39.2	20.1	45.0
1945	19.9	26.1	42.5	46.0	49.7	60.3	62.9	63.5	59.4	43.8	35.7	19.3	44.1

\* Hillsboro data missing, Carlinville data substituted.  
 \*\* Annual average calculated from Hillsboro and Carlinville data.  
 † Hillsboro and Carlinville data missing, Pana data substituted  
 †† Annual average calculated from Hillsboro and Pana data.  
 N Monthly- fewer than 4 days missing. Annually- one or more months incomplete.

AVERAGE MONTHLY TEMPERATURE

HILLSBORO, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1946	23.5	27.5	44.6	46.1	51.2	62.9	65.1	61.0	55.0	47.6	37.5	29.7	46.0
1947	26.2	18.8	27.4	43.5	50.4	61.5	62.1	70.5	57.4	52.3	32.3	28.1	44.2
1948	16.3	22.4	33.7	47.5	51.0	61.4	66.4	63.2	58.2	42.0	37.4	27.5	43.9
1949	25.1	26.2	32.3	41.9	54.9	64.1	69.8	63.4	49.5	47.9	34.5	27.3	44.7
1950	27.3	26.2	30.4	38.9	54.8	61.6	61.4	59.5	55.3	47.8	26.7	16.3	42.2
1951	21.7	23.9	29.2	38.6	51.2	59.3	65.8	62.5	53.3	46.2	27.3M	22.8	41.8M
1952	25.5	27.8	30.1	41.0	51.9	66.9	66.1	62.8	53.2	37.7	34.8	28.7	43.9
1953	28.2	28.3	35.0	40.6	54.4	66.6	65.7	61.4	53.5	44.9	33.5	24.7	44.7
1954	21.8	30.9	29.2	47.3	47.4*	64.6	66.9	65.1	57.9	45.9	33.6	27.4*	44.8**
1955	23.5	25.4	32.1	49.1	54.7	58.2	70.7	65.0	56.5M	45.8M*	32.3	21.1M	44.5M**
1956	17.2	25.6*	32.0M	39.1	54.5M	62.5M	65.7M	64.1M	52.2*	46.8	33.0M	30.1	43.6M**
1957	17.2M	29.8	32.7	46.4	53.3	63.5	67.9	64.9	54.0	41.8+	33.3	30.0	44.6M++
1958	23.3	15.5	31.0	43.0	51.0	58.6	65.4	65.2	56.1	44.5	37.0	19.6	42.5
1959	17.5M	25.2	32.0	42.9M	57.7	61.3	62.8	67.0	56.6	44.6M	26.9	30.3M	43.7M
1960	25.1	22.3	18.8	43.6	49.5	59.5	62.1	64.7	59.2M	45.9	33.4	20.4	42.0M
1961	17.7	26.4	36.1	39.7	47.1	58.7	64.5	62.0	56.8	45.5	33.1	20.8	42.4
1962	12.0	24.0	28.5	39.1	59.1	61.5M	63.3	60.0	52.2	47.1	33.5	19.7	41.7M
1963	12.3	15.4	35.8	44.5	51.8	62.0	64.4	61.8	54.3	51.2	36.2	12.1	41.8
1964	23.4	23.5	30.9	46.5	56.2	63.1	66.0	61.9	55.8	38.9	36.2	23.8	43.9
1965	21.3	22.2	25.4	44.2	58.2	61.3	63.4	62.0	58.0	43.6	36.8	31.6	44.0
1966	16.2	23.0	34.1	41.3	48.5	58.8	67.9	60.5	53.9	40.4	35.5	25.0M	42.1M
1967	23.1	19.9	36.0	46.6	49.4	62.7	61.9	58.5	52.6	45.2	32.0	26.9	42.9
1968	18.0	19.0	32.5	42.3	49.5	62.5	64.3	65.1	54.5	43.7	35.3	24.2	42.6
1969	18.7	26.1	25.0M	43.9	52.2	59.0	68.1	61.9	55.7	44.0	29.3*	22.5	42.2M**
1970	12.5	20.8	29.6	44.3	56.2	61.2	64.5	64.6	60.3	46.4	33.1	27.4	43.4
1971	16.6	23.2	28.7	41.1	47.7	65.0	63.2	62.1	60.7	52.6	35.1	31.2	43.9
1972	18.3	22.5	32.6	43.2	54.7	58.5	64.8	63.8	60.0	44.1	32.4	21.6	43.0
1973	22.2	23.3	40.7	44.0	50.1	62.4	65.8	64.4	59.7	48.8M	35.0	19.7	44.7M
1974	18.2	23.4	33.9	46.3	54.7	58.1	66.1	61.6	49.6	42.3	32.9	24.9	42.7
1975	21.8	23.2	26.9	39.5	53.8	60.1	61.1	62.2	49.7	43.7	39.3	28.1	42.5
1976	18.0	32.0	36.7	44.4	48.5	61.8	65.1	60.4	53.2	40.0	26.5	17.5	42.0
1977	4.9	22.8	38.4	48.8	58.5	61.2	66.7	62.0	56.9	42.1	36.8	21.9	43.4
1978	9.9	12.4	27.5	43.8*	52.2	61.5	64.4	60.6	60.1	43.6	37.6	25.2	41.6**
1979	7.4*	11.5	34.2	41.5	50.1	59.5	60.9	59.2	53.1*	42.2	31.2	29.3M	40.0M**
1980	21.4*	16.6*	29.4M	42.2	54.4	63.4M	70.2	67.6	56.8	40.4	32.8	25.0	43.4M**
1981	18.8	24.3M	32.6	48.9	47.9	63.5	65.2	60.3	53.3	44.4	37.1M	22.1	43.2M
1982	11.5	18.2	34.3	39.7	59.2	58.9	67.8	62.6	55.4	46.4	37.4	34.5	43.8
1983	24.8	29.0	34.9	40.8	51.1	62.1	68.1	66.6	53.4	45.2	38.6	11.9	43.9
1984	18.0	28.5	29.2	44.6	50.9	65.7	62.5	64.0	54.0	50.4	33.4	29.8	44.3
1985	13.9	18.7	37.5	47.4	54.2	60.6	65.5*	61.1	54.8	46.9	34.3	12.2	42.3**
1986	20.1	22.6	35.0	44.8	54.7	62.7	68.9	59.0	56.7	46.1	33.5	26.1	44.4
1987	21.0	29.2	36.5	43.6	60.0	65.8	67.5	65.5	55.9	39.4	40.0	30.6	46.3
1988	19.4	19.5	34.0	43.1	54.0	63.0	66.6	68.5	56.6	39.5	34.3	23.9	43.5
1989	28.6	17.2	31.7	42.7	49.4	60.6	66.6	63.2	53.0	46.1	33.0	10.1	41.9
1990	29.9	29.4	35.0	40.6	50.7	62.4	65.8	62.3	57.5	41.9	37.8	22.3	44.6
1991	18.3	26.6	34.9	46.7	58.9	64.5	65.0	62.3	55.0	45.6	30.9	28.2	44.7
1992	26.7	30.0	35.0	44.6	54.4	61.4	68.5	61.1	56.5	46.4	38.1	27.4	45.8
1993	21.3M	21.5	31.9	44.9	55.6	64.8	72.3	68.7	55.6	43.5	34.7	29.2	45.3M
1994	17.7	24.0	36.4	46.0	51.1	66.6	66.4	63.5	54.8	46.4	39.9	29.4	45.2

\* Hillsboro data missing, Carlinville data substituted.

\*\* Annual average calculated from Hillsboro and Carlinville data.

+ Hillsboro and Carlinville data missing, Pana data substituted

++ Annual average calculated from Hillsboro and Pana data.

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

AVERAGE TEMPERATURE

HILLSBORO, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1896							76.4	76.6	65.5	53.7	43.8	37.0	
1897	27.0	33.8	42.8	53.2	60.8	73.6	78.0	73.4	75.1	64.2	43.1	29.8	54.6
1898	33.6	34.8	46.0	51.8	64.2	75.1	76.2	75.6	72.1	54.2	40.1	28.9	54.4
1899		20.8	37.0	55.6	65.6	75.0	76.2	77.5	67.1	61.4	48.2	30.0	
1900	33.2	26.6	37.9	54.9	65.1	71.3	76.2	85.6	72.0	63.2	43.3	31.4	55.1
1901	32.2	26.4	41.0	51.0	62.6	76.9	84.1	77.4	68.4	58.6	40.1	26.8	53.8
1902	27.4	21.1	44.6	51.7	69.3	71.2	77.6	73.6	64.3	59.1	50.3	30.4	53.4
1903	28.6	30.5M	47.4	55.4	66.7	66.8	78.0	74.9	68.0	57.4	39.8M	26.0	53.3M
1904	23.0	26.6	42.3	47.0	63.1	70.4	74.4	72.8	69.2	57.7	45.3	33.4	52.1
1905	22.7*	21.9	49.5	53.6	65.3	75.2	75.5	76.9	69.6	56.0	45.3	33.7	53.8**
1906	35.8	31.3	32.8	57.0	66.3	70.8	75.3	78.1	73.1	57.2	42.6	35.7	54.7
1907	36.4	33.0	50.2M	44.4M	57.1M	69.4	77.5	74.2	66.8	55.5	42.3	36.6	53.6M
1908	33.3	32.1	49.0	53.5	64.7	71.4	76.1	76.1	71.8	57.6	47.0	37.1	55.8
1909	32.2	37.6	42.8	51.9	60.9	74.1	74.4	78.9	66.4	54.2	53.1*	23.5	54.2**
1910	30.7	29.4	55.2	52.5	58.5	69.7	76.1	73.2	68.1	60.3	40.2	29.9	53.7
1911	34.0	37.6	44.9	50.7	68.6	77.8	77.1	74.3	71.9	56.6	37.1	35.8*	55.5**
1912	18.8	26.5	34.1	54.7	66.4	69.6	77.9	75.2	69.8	59.5	45.1	37.3	52.9
1913	34.3	29.5	41.1	52.8	65.6	76.7	80.6	81.1	69.8	55.5*	50.2*	38.5	56.3**
1914	36.8	24.9	40.8	54.2	65.9	78.5	80.1	76.5	66.8	58.3	47.2	26.6	54.7
1915	26.3	39.5	36.9	59.0	61.1	69.5	73.7	68.3	69.2	57.5	48.3	31.9	53.4
1916	32.4	29.6	41.3	50.7	64.8	67.4	80.7	76.6	65.4	56.7	46.3	31.7	53.6
1917	32.3	28.7	45.1	52.3M	57.3	69.3	76.0	72.5	65.3	47.9	45.4	22.9	51.3M
1918	14.4	33.5	49.7	48.3	67.1	73.0	75.0	81.5	61.0	59.9	43.7	40.8	54.0
1919	33.8	34.8	45.3	55.8	61.4	76.3	79.1	75.3	71.6	59.4	42.5	26.9	55.2
1920	24.8	32.7	44.5	49.4	62.7	72.8	76.6	72.7	69.6	61.5	41.2	34.7	53.6
1921	36.6	39.3	53.0	56.9	65.7	77.5	81.2	75.8	73.4	54.0	44.8	36.3	57.9
1922	27.2	34.7	45.3	56.4	67.3	75.6	76.9	76.7	72.0	59.9	46.7	34.4	56.1
1923	36.8	28.4	41.0	53.6	63.0	74.1	77.6	75.7	67.8	52.7	45.6	42.6	54.9
1924	23.6	33.0	38.2	57.2	58.5	72.3	73.1	76.4	64.3	61.2	45.5	27.9M	52.6M
1925	28.4	38.7	46.1	61.0	61.6	77.0	77.4	75.7	76.5	49.4	42.0	31.9	55.5
1926	32.3	37.2	38.1	48.6	67.2	70.1	79.3	78.8	70.8	57.5	38.6	31.0	54.1
1927	28.9	42.2	46.4	56.1	63.7	69.8	75.6	69.8	73.0	61.0	48.3	31.2	55.5
1928	31.5	35.7	44.0M	50.9	65.4	67.8	77.7	77.1	64.7	60.0	45.6	36.4	54.7M
1929	26.0	25.5	50.4	57.6	61.9	71.1	77.9	74.0	67.5	55.8	39.5	32.8	53.3
1930	22.4	43.3M	42.7M	58.8	66.5	73.1	81.1	78.5	71.2	54.5	45.2	33.5	55.9M
1931	35.0	39.0	38.6	55.2	60.7	77.0	80.8	75.6	74.9	60.6	52.5	41.6	57.6
1932	37.7	41.5	37.2	56.0	65.7	74.6	78.8	75.8	67.3	56.3	37.7	32.1	55.1
1933	40.3	32.2	43.4	54.2	66.1	78.8	80.3	75.9	75.4	55.6	43.5	37.5	56.9
1934	35.2	28.0	39.8	55.1	68.4	79.6	83.1	76.3	65.6	59.7	48.1	30.4	55.8
1935	32.6	36.4	49.8	51.1	59.6	69.0	79.5	76.5	67.6	57.3	42.1	27.7	54.1
1936	23.5	23.3	46.9	50.8	68.2	73.5	84.2	83.2	73.2	57.5	41.5	36.4	55.2
1937	30.0	32.2	40.5	54.6	64.7	72.7	75.7	78.6	67.9	54.9	40.1	30.0	53.5
1938	30.5	41.5	51.5	56.2	63.6	70.9	77.9	78.9	71.1	62.1	46.0	34.4	57.1
1939	37.2	33.5	46.7	51.5	66.2	73.1	76.8	73.3	73.0	59.1	42.5	36.6	55.8
1940	16.7	32.5	41.7	52.3	60.9	73.1	76.1	75.6	67.8	61.4	41.7	38.3	53.2
1941	33.4	30.4	39.0	58.0	67.8	74.6	77.9	79.0	71.0	61.1	45.3	39.4	56.4
1942	30.9	31.6	46.6	58.3	63.8	72.7	77.1	74.1	67.5	58.2	47.5	30.3	54.9
1943	31.1	38.1	39.4	54.0	63.3	75.3	77.9	78.4	65.0	56.7	41.4	30.4	54.3
1944	34.8	37.3	40.9	52.3	68.4	77.0	76.8	76.3	68.9	57.7	46.3	27.5	55.4
1945	27.2	35.8	53.8	55.8	59.6	69.0	74.2	75.0	69.2	55.6	44.7	26.8	53.9

\* Hillsboro data missing, Carlinville data substituted.

\*\* Annual average calculated from Hillsboro and Carlinville data.

+ Hillsboro and Carlinville data missing, Pana data substituted

++ Annual average calculated from Hillsboro and Pana data.

H Monthly- fever than 4 days missing. Annually- one or more months incomplete.



YEAR	AVERAGE					TEMPERATURE					HILLSBORO,		IL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1946	32.5	38.5	55.7	58.2	61.0	73.8	76.7	70.7	67.6	60.9	46.9	38.8	56.8
1947	35.0	27.9	36.1	54.3	61.8	71.0	73.3	82.4	69.7	64.0	39.6	36.5	54.3
1948	25.7	32.0	43.7	59.1	62.4	73.1	76.2	74.5	69.5	54.2	46.5	36.6	54.5
1949	32.6	35.4	42.8	53.2	66.7	74.6	79.1	74.5	62.1	58.4	45.7	37.9	55.3
1950	37.3	34.6	40.6	49.9	65.7	71.6	72.6	70.2	65.9	61.2	37.1	25.6	52.7
1951	31.2	33.7	39.2	50.4	64.9	70.0	76.2	74.2	65.0	58.3	36.6M	31.8	52.6M
1952	34.9	38.3	41.0	53.8	63.5	79.4	78.7	74.6	68.1	52.9M	45.3	36.0	55.5M
1953	35.3	39.3	45.8	52.1	66.0	78.8	78.0	75.2	69.8	60.1	45.5	35.8	56.8
1954	32.0	42.5	40.9	61.1	60.3*	77.9	82.2	77.5	73.3	57.6	44.7	35.0*	57.1**
1955	31.8M	34.8	43.6	61.0	67.0	70.5	82.2	78.5	71.8M	58.0M*	42.9	32.7M	56.2M**
1956	27.7	34.3*	44.9M	52.7	66.8M	75.1M	76.7M	76.8M	69.0*	62.8M	44.3M	38.4	55.8M**
1957	25.9M	38.6	43.2	55.6	63.9	74.0	78.4	76.7	66.5	52.4†	42.5	39.4	54.8M††
1958	31.0	25.4	37.7	54.1	63.7	70.1	74.8	75.9	67.4	57.5	48.7M	28.8	52.9M
1959	26.3M	34.8	43.8	54.8M	67.9	73.7	75.4	78.0	69.0	56.2M	37.0	38.2M	54.6M
1960	32.4	29.9	28.6	56.3	60.2	71.0	73.9	76.5	72.0M	57.8	44.3	29.1	52.7M
1961	27.9	36.4	45.9	50.3	59.0	71.4	76.1	73.6	69.8	57.6	42.9	29.9	53.4
1962	22.6	34.8	38.7	52.0M	71.4	73.3M	74.9	73.6	64.8	58.9	43.4	30.0	53.2M
1963	21.3	26.7	47.9	57.7	63.2	74.9	75.6	73.2	67.9	66.1	46.8	21.5	53.6
1964	33.5	32.6	42.0	57.1	67.9	74.3	77.7	75.2	68.5	53.7	47.6M	31.9	55.2M
1965	30.9	32.9	35.1M	56.9	69.7	72.7	75.0	73.8	68.3	55.7	48.1	40.4	55.0M
1966	24.8	32.2	45.8M	51.4	60.4	72.2	80.3	72.3	64.4	53.0	45.9	33.8M	53.0M
1967	33.3	30.6	46.8	58.2	60.2	73.1	72.7	69.6	64.0	55.9	41.0	34.4	53.3
1968	27.0	28.8	44.6	54.1	60.7M	74.1	75.7	75.3	66.6	56.0	43.6	32.4	53.2M
1969	26.9	33.4	36.1M	55.8	64.2	70.9	78.2	74.1	67.1	55.0	40.3*	30.2	52.7M**
1970	22.0	31.5	39.5	56.2	67.9	71.2	76.1	74.8	71.9	56.5	42.9	36.7	53.9
1971	26.5	33.1	40.7	54.9	60.2	76.7	73.2	73.8	71.7	63.8	44.9	38.8	54.9
1972	28.8	32.9	43.7	54.9	66.5	71.3	75.2	74.7	70.3	54.1	39.1	29.0	53.4
1973	31.4	33.0	50.2	53.3	60.8	73.0	76.3	74.7	68.9	60.9M	45.6	29.0	54.8M
1974	28.4	34.6	46.3	57.5	64.1	68.2	77.8	72.4	61.1	55.6	42.4	33.1	53.5
1975	31.2	30.7	37.4	51.9	65.3	71.6	73.4	74.0	62.3	58.0	48.9	35.3	53.3
1976	27.0	42.7	48.3	56.8	60.6	72.4	77.5	72.1	66.3	51.1	37.6	28.1	53.4
1977	13.9	32.5	49.0	60.6	70.2	71.8	78.1	72.9	68.7	54.0	44.6	30.6	53.9
1978	18.6	20.6	36.5	55.4*	62.6	72.8	75.9	73.3	73.5	56.1	47.7	33.7	52.2**
1979	15.7*	21.5	44.5	53.3	64.1	74.5	75.2	73.7	67.4*	56.3	42.1	38.1M	52.2M**
1980	28.9*	25.2*	38.8M	53.9	66.3	75.1M	82.2	80.1	70.1	54.4	43.8	34.4	54.4M**
1981	29.2	37.0M	44.5	61.6	59.9	75.2	77.1	73.2	66.4	56.1	47.4M	30.4	54.8M
1982	21.0	28.4	44.0	50.9	70.9	69.4	78.4	73.7	67.2	57.6	46.2	42.0	54.1
1983	31.3	38.0	44.0	50.1	62.6	74.1	81.1	80.9	68.9	57.5	47.6	19.8	54.7
1984	26.8	39.4	37.1	53.7	62.9	77.3	76.0	76.9	66.7	61.0	43.9	40.3	55.2
1985	22.8	28.1	47.6	59.5	67.2	71.6	75.6*	72.5	68.4	59.0	44.6	23.8	53.4**
1986	32.2	32.4	47.5	58.8	67.5	76.1	80.7	72.7	72.0	57.6	41.0	34.2	56.1
1987	29.1	39.2	48.4	57.4	73.4	78.3	79.8	77.7	69.9	52.9	49.3	37.1	57.7
1988	28.5	30.1	45.1	57.7	68.7	77.5	80.0	81.4	70.5	52.7	44.9	34.9	56.0
1989	38.4	26.0	44.0	55.1	62.0	73.2	78.4	75.9	66.1	59.3	45.4	21.2	53.8
1990	40.6	39.2	47.3	52.9	62.1	74.6	78.0	75.0	70.8	56.3	50.3	32.6	56.6
1991	26.1	38.2	47.1	59.4	71.2	77.6	78.0	77.1	69.5	59.0	40.8	37.1	56.8
1992	34.4	40.9	46.5	56.0	66.5	73.7	79.0	73.4	69.0	59.5	43.8	35.0	56.5
1993	29.9M	30.7	41.0	55.4	67.5	76.4	82.5	79.5	66.1	55.7	43.5	35.3	55.3M
1994	25.3	33.1	47.4	58.1	63.4	79.0	78.0	76.3	67.7	58.1	49.6	37.6	56.1

\* Billsboro data missing, Carlinville data substituted.

\*\* Annual average calculated from Billsboro and Carlinville data.

† Billsboro and Carlinville data missing, Pana data substituted

†† Annual average calculated from Billsboro and Pana data.

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

COOLING DEGREE DAYS

HILLSBORO, IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1896							353†	360†	108†	0†	0†	0†	
1897	0†	0†	0†	0†	31†	258†	403†	260†	303†	87†	0†	0†	1,342†
1898	0†	0†	0†	0†	87†	303†	347†	329†	213†	0†	0†	0†	1,279†
1899	0†	0†	0†	0†	110†	300†	347†	388†	133†	41†	0†	0†	1,319†
1900	0†	0†	0†	0†	102†	189†	347†	639†	210†	70†	0†	0†	1,557†
1901	0	0	0	15	78	378	600	384‡	168	23	0	0	1,646‡‡
1902	0	0	0	16	177	210	398	279	69	13	6	0	1,168
1903	0	0†	10	21	148	95	410	314	158	46	0†	0	1,202‡‡
1904	0	0†	1	4	42	171	300	251	168	35	0	0	972‡‡
1905	0*	0	5	0†	76	312	334	375	167	28	0	0	1,297‡*
1906	0	0	0	28	153	194	326	415	256	23	0	0†	1,395‡‡
1907	0	0	0†	0†	0†	177	395	293	134	12	0	0	1,011‡‡†
1908	0	0	5	11	148	221	351	349	260	43	0	0	1,388
1909	1	0	0	0†	44	281	302	437	127	19	4*	0	1,215‡*
1910	0	0	39	9	23	206	351	266	140	65	0	0	1,099
1911	0	2	0	0	219	390	375‡	308	217	33	2	0*	1,546‡*
1912	0	0	0	3	142	168	411	316‡	242	39	0†	0	1,321‡‡
1913	0	0	0	18	101	375	492	503	238	34*	8*	0	1,769**
1914	0	0	0	47	147	416	474	362	126	21	1	0	1,594
1915	0	0	0	58	45	158	282	149	193	5	8	0	898
1916	0	0	0	9	112	101	495	372	148	20	0	0	1,257
1917	0	0	5	0†	37	179	346	255	92	4	0	0	918‡‡†
1918	0	0	5	3	171	250	315	516	36†	23	0	0	1,319‡‡
1919	0†	0	0	18	62	345	446	327	214	63	0	0	1,475‡‡
1920	0†	0	1	2	64	246	369	254	172	67	0	0	1,175‡‡
1921	0	0	18	24	148	385	511	344	272	3	0	0	1,705
1922	0	0	0	16	111	327	378	366	241	61	1	0	1,501
1923	0	0	0	3	67	291	398	344	138	2	0	0	1,243
1924	0	0	0	38	20	236	262	364	71	38†	7	0†	1,036‡‡
1925	0	0	0	65	78	367	392	341	357	22	0	0	1,622
1926	0	0	0	4	141	171	452	431	240	51	0	0	1,490
1927	0	0	0	29	68	174	339	163	290	45	3	0	1,111
1928	0	0	0†	2	89	125	398	387	128	70	0	0	1,199‡‡†
1929	0	0	15	40	100	209	406	288	143	3	0	0	1,204
1930	0	0†	0†	56	112	263	506	427	210	28	1	0	1,603‡‡†
1931	0	0	0	22	63	380	498	337	328	62	8	0	1,698
1932	0	1	0	14	104	294	436	342	125	13	0	0	1,329
1933	0	0	4	14	118	429	481	346	323	14	2	0	1,731
1934	0	0	0	11	152	445	566	366	92	21	1	0	1,654
1935	0	0	5	11	31	157	458	376	138	31	0	0	1,207
1936	0	0	0	19	150	264	600	564‡	281	22	0	0	1,900‡‡
1937	0	0	0	19	95	254	337	428	165	30	0	0	1,328
1938	0	0	3	35	82	184	406	435	238	75	6	0	1,464
1939	0	0	7	8	126	258	373	264	261	59	0	0	1,356
1940	0	0	0	8	42	253	344‡	338	161	55	0	0	1,201‡‡
1941	0	0	0	34	155	297	408	441	219	69	0	0	1,623
1942	0	0†	4	42	89	262	383	295	220	24	5	0	1,324‡‡
1943	0	0	4	11	56	319	405	421	98	14	0	0	1,328
1944	0	0	0	3	208	373	374	359	151	38	4	0	1,510
1945	0	0	17	9	48	173	285‡	316	179	1	5	0	1,033‡‡

\* Hillsboro data missing, Carlinville data substituted.

\*\* Annual total calculated from Hillsboro and Carlinville data.

† Hillsboro and Carlinville data missing, Pana data substituted.

‡ Annual total calculated from Hillsboro and Pana data.

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

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

\* Annual total calculated from daily accumulated values and values based on mean monthly temperature from Hillsboro, as well as data from Carlinville.

M monthly- fewer than 4 days missing. Annually- one or more months incomplete.

## COOLING DEGREE DAYS

HILLSBORO,

IL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
1946	0	0	4	34	20	295	371	190	116	34	0	0	1,064
1947	0	0	0	5	47†	204	273	550	233	71	0	0	1,383††
1948	0	0	1	53	31	251	354	301	171	2	0	1	1,165
1949	0	0	0	0	108	296	445	300	44	42	1	0	1,236
1950	3	0	1	12	94	210	241	185	91	58	8	0	903
1951	0	0	0	34	83	171	354	294	71	42	0K	0	1,049M
1952	0	0	0	16	74	437	431	304	152	13M	3	0	1,430M
1953	0	0	0	10	127	422	410	324	190	46	0	0	1,529
1954	0	0	0	68	58*	404	541	395	283	92	0	0*	1,841**
1955	0K	0	1	38	112	192	537	426	220K	21*	7	0K	1,554M**
1956	0	0*	6M	16	144M	323M	364M	372M	167*	30M	2M	0	1,424M**
1957	0M	0	0	48	69	275	423	371	113	0+	0	0	1,299M††
1958	0	0	0	7	62	174	308	351	142	29	2M	0	1,075M
1959	0M	0	0	13M	168	274	333	413	169	27M	0	0M	1,397M
1960	0	0	1	35	36	193	282	363	235M	22	0	0	1,167M
1961	0	0	0	12	23	214	353	280	216	24	3	0	1,125
1962	0	0	0	23M	218	260M	315	272	100	45	0	0	1,233M
1963	0	0	8	28	59	308	336	265	124	118	0	0	1,246
1964	0	0	0	19	142	291	399	327	179	2	5M	0	1,364M
1965	0	0	0M	34	171	236	317	289	160	12	0	0	1,219M
1966	0	0	4R	0	51	232	483	234	75	6	0	0M	1,085M
1967	0	0	7	53	58	259	254	176	84	33	0	0	924
1968	0	0	2	2	50M	289	339	330	83	39	5	0	1,139M
1969	0	0	0M	10	81	214	416	291	121	33	0*	0	1,166M**
1970	0	0	0	32	152	210	350	310	243	12	0	0	1,309
1971	0	0	0	26	20	358	264	281	243	64	6	0	1,262
1972	0	0	1	15	129	213	325	311	198	5	0	0	1,197
1973	0	0	0	10	19	246	359	308	153	55M	0	0	1,150M
1974	0	0	9	20	85	135	403	240	41	9	0	0	942
1975	0	0	0	10	85	217	279	284	70	18	5	0	968
1976	0	0	3	29	22	231	395	227	93	22	0	0	1,022
1977	0	0	0	71	206	220	411	251	138	0	0	0	1,297
1978	0	0	3	12*	100	243	344	265	276	3	9	0	1,255**
1979	0*	0	0	8	81	291	324	284	130*	28	0	0M	1,146M**
1980	0*	0*	0M	19	111	303M	540	476	192	16	1	0	1,658M**
1981	0	0M	9	53	39	311	378	261	99	17	0M	0	1,167M
1982	0	0	0	5	202	146	420	277	125	37	5	1	1,218
1983	0	0	2	3	41	292	504	499	198	20	0	0	1,559
1984	0	0	0	15	59	377	350	376	168	37	0	0	1,382
1985	0	0	13	51	118	219	337*	241	187	25	0	0	1,191**
1986	0	0	14	44	137	342	492	265	226	19	0	0	1,539
1987	0	0	0	37	278	409	465	404	168	5	15	0	1,781
1988	0	0	3	7	148	383	475	513	184	12	0	0	1,725
1989	0	0	1	55	84	256	421	342	119	44	0	0	1,322
1990	0	0	19	29	27	307	414	317	217	30	2	0	1,362
1991	0	0	7	27	228	383	409	383	230	33	2	0	1,702
1992	0	0	1	32	141	280	438	271	171	45	0	0	1,379
1993	0M	0	0	15	124	358	547	456	93	18	0	0	1,611M
1994	0	0	0	41	71	427	410	358	136	25	4	0	1,472

\* Hillsboro data missing, Carlinville data substituted.

\*\* Annual total calculated from Hillsboro and Carlinville data.

† Hillsboro and Carlinville data missing, Pana data substituted.

†† Annual total calculated from Hillsboro and Pana data.

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

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

‡‡\* Annual total calculated from daily accumulated values and values based on mean monthly temperature from Hillsboro, as well as data from Carlinville.

R nontbly- fewer than 4 days missing. Annually- one or more nontbly incomplete.

## HEATING DEGREE DAYS

HILLSBORO, IL

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1896-1897	0†	0†	92‡	350‡	636‡	868‡	1,178‡	874‡	688‡	354‡	169‡	0‡	5,209‡
1897-1898	0†	0†	0†	113‡	657‡	1,091‡	973‡	846‡	589‡	396‡	113‡	0‡	4,778‡
1898-1899	0†	0†	0†	335‡	747‡	1,119‡		1,238‡	868‡	282‡	90‡	0‡	
1899-1900	0†	0†	67‡	159‡	504‡	1,085‡	986‡	1,075‡	840‡	303‡	98‡	0‡	5,117‡
1900-1901	0†	0†	0†	130‡	651‡	1,042‡	1,009	1,074	737	426	143	14	5,226‡‡
1901-1902	0	0†	60	214	740	1,179	1,161	1,224	626	412	35	18	5,669‡‡
1902-1903	2	4	86	189	442	1,066	1,121	966‡	553	302	89	35	4,855‡‡
1903-1904	0	1	62	274	756‡‡	1,198	1,294	1,114‡	698	538	95	2	6,032‡‡‡
1904-1905	1	2	35	255	587	975	1,301‡	1,202	478	342‡	61	0	5,239‡‡
1905-1906	0	0	21	300	582	965	900	938	991	261	103	15	5,076
1906-1907	0	1	7	257	664	908‡	880	891	459‡‡	618‡‡	245‡‡	43	4,973‡‡‡
1907-1908	0	2	72	302	676	875	974	947	493	348	152	24	4,865
1908-1909	2	0	48	265	532	857	1,013	759	680	393‡	161	0	4,710‡‡
1909-1910	2	0	78	344	352‡	1,277	1,055	992	336	375	217	59	5,087‡‡
1910-1911	0	6	39	205	736	1,082	956	763	615	421	102	0	4,925
1911-1912	0†	10	4	287	833	895‡	1,426	1,111	952	305	91	21	5,935‡‡
1912-1913	0	0†	87	205	597‡	854	942	986	735	375	74	20	4,875‡‡
1913-1914	0	0	89	274‡‡	837‡	814	867	1,116	741	364	111	4	5,217‡‡‡
1914-1915	0	0	64	219	531	1,181	1,193	710	863	232	160	17	5,170
1915-1916	5	44	61	230	501	1,020	1,004	1,016	728	433	111	18	5,171
1916-1917	0	7	128	272	555	1,024	1,007	1,012	616	381‡‡	267	42	5,311‡‡‡
1917-1918	2	15	75	527	581	1,299	1,561	874	473	495	97	2	6,001
1918-1919	1	0	163‡	176	635	744	967‡	836	602	290	167	0	4,501‡‡
1919-1920	0	0	8	232	669	1,172	1,246‡	931	626	465	129	6	5,484‡‡
1920-1921	0	9	28	167	709	933	869	714	384	260	121	1	4,195
1921-1922	0	0	11	336	599	885	1,166	843	604	265	34	0	4,743
1922-1923	0	0	22	210	546	941	865	1,016	736	339	124	12	4,811
1923-1924	0	7	48	378	576	687	1,276	921	826	266	215	9	5,209
1924-1925	7	0	85	162‡	587	1,150‡‡	1,127	731	577	177	175	0	4,778‡‡‡
1925-1926	2	1	4	499	684	1,018	1,005	771	824	487	70	10	5,375
1926-1927	1	0	57	278	784	1,045	1,112	631	571	287	101	21	4,888
1927-1928	0	5	44	162	496	1,043	1,031	844	651‡‡	417	68	33	4,794‡‡‡
1928-1929	0	0	128	219	578	877	1,203	1,097	458	254	193	21	5,028
1929-1930	0	3	63	281	756	988	1,316	608‡‡	691‡‡	237	59	13	5,015‡‡‡
1930-1931	0	0	16	348	587	972	923	720	812	312	188	15	4,893
1931-1932	0	0	24	191	373	716	839	678	857	278	76	0	4,032
1932-1933	0	0	45	274	812	1,014	760	914	669	329	78	9	4,904
1933-1934	0	0	3	299	642	849	917	1,028	773	302	38	0	4,851
1934-1935	0	6	67	181	499	1,064	997	796	470	421	191	29	4,721
1935-1936	0	13	53	263	681	1,152	1,280	1,205	556	438	43	4	5,688
1936-1937	0	0†	26	248	696	883	1,078	914	752	323	99	14	5,033‡‡
1937-1938	0	0	73	336	741	1,076	1,062	651	412	289	120	2	4,762
1938-1939	0	0	48	160	570	940	853	875	567	408	84	9	4,514
1939-1940	0	0	15	235	667	872	1,491	937	713	381	162	1	5,474
1940-1941	0†	4	72	159	690	818	975	963	800	236	62	1	4,780‡‡
1941-1942	0	0	33	182	585	788	1,052	935‡	563	236	123	25	4,522‡‡
1942-1943	0	5	137	229	523	1,068	1,044	745	791	336	105	5	4,988
1943-1944	0	0	92	266	707	1,063	929	798	740	376	97	7	5,075
1944-1945	0	2	27	258	563	1,157	1,165	815	357	277	208	48	4,877

\* Hillsboro data missing, Carlinville data substituted.

\*\* Seasonal total calculated from Hillsboro data and Carlinville data.

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

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H Monthly- fewer than 4 days missing. Seasonally- one or more months incomplete.

## HEATING DEGREE DAYS

HILLSBORO, IL

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1945-1946	0†	1	46	285	605	1,175	1,000	735	286	234	138	25	4,530††
1946-1947	0	6	31	155	536	804	924	1,033	887	319	153†	18	4,866††
1947-1948	7	0	82	95	755	879	1,213	949	652	226	104	1	4,963
1948-1949	0	1	29	332	548	873	999	823	685	348	47	0	4,685
1949-1950	0	0	125	238	573	832	854	846	750	459	64	9	4,750
1950-1951	0	13	59	166	838	1,214	1,044	872	792	468	80	13	5,559
1951-1952	1	0	62	242	852M†	1,023	923	769	735	344	115	0	5,066M††
1952-1953	0	0	53	384M	590	894	913	715	587	390	86	0	4,612M
1953-1954	0	0	38	190	576	899	1,017	622	743	177	199*	12	4,473**
1954-1955	0	3	28	314	603	922*	1,029M†	841	655	152	44	22	4,613M†*
1955-1956	0	0	11M	226M*	663	1,032M	1,148	883*	632M	378	89M	14M	5,076M**
1956-1957	0M	2M	39*	136M†	625M	817	1,212M†	734	670	326	97	1	4,659M†*
1957-1958	0	0	60	386†	667	785	1,047	1,106	840	327	98	14	5,330**
1958-1959	0	5	64	252	525M	1,114	1,199M	839	647	306M†	70	5	5,026M††
1959-1960	0	0	40	295M	834	830M†	1,005	1,008	1,124	287	177	4	5,604M††
1960-1961	0	0	19M	237	615	1,107	1,142	794	586	444	200	15	5,159M
1961-1962	0	4	65	247	657	1,082	1,299	842	810	409M	17	3M	5,435M
1962-1963	2	0	97	228	641	1,082	1,349	1,068	533	240	110	4	5,354
1963-1964	1	8	30	76	539	1,342	971	937	706	251	47	7	4,915
1964-1965	0	5	68	342	522M	1,017	1,048	891	927M	272	15	0	5,107M
1965-1966	0	8	51	294	502	756	1,241	914	603M	400	188	10	4,967M
1966-1967	0	3	86	369	567	967M†	977	956	563	250	199	11	4,948M††
1967-1968	10	24	106	308	714	941	1,173	1,046	624	321	179M	7	5,453M
1968-1969	2	5	29	310	641	1,008	1,174	879	898M	278	101	29	5,354M
1969-1970	0	0	51	333	734*	1,072	1,328	931	783	289	53	19	5,593**
1970-1971	1	0	29	269	656	873	1,188	888	746	323	163	0	5,136
1971-1972	3	2	37	95	603	805	1,114	923	655	311	76	17	4,641
1972-1973	3	2	32	334	770	1,111	1,032	889	453	357	142	0	5,125
1973-1974	0	0	31	167M†	574	1,110	1,130	843	584	241	106	31	4,817M††
1974-1975	0	2	152	293	671	982	1,042	955	851	398	68	12	5,426
1975-1976	11	0	145	224	481	912	1,171	641	514	270	150	0	4,519
1976-1977	0	0	48	446	816	1,138	1,575	904	490	199	37	9	5,662
1977-1978	0	1	20	337	604	1,060	1,432	1,238	880	292*	164	3	6,031**
1978-1979	0	1	13	273	517	963	1,519*	1,215	626	351	99	0	5,577**
1979-1980	0	6	52*	292	683	833M†	1,110*	1,148*	812M†	345	64	3M	5,348M†*
1980-1981	0	0	34	340	630	941	1,104	790M	640	151	191	0	4,821M
1981-1982	0	0	49	286	528M†	1,066	1,360	1,019	643	420	12	9	5,392M††
1982-1983	0	1	53	256	563	706	1,037	748	648	443	105	12	4,572
1983-1984	0	0	77	242	513	1,393	1,179	738	862	346	117	0	5,467
1984-1985	0	0	107	153	629	759	1,300	1,028	545	209	43	15	4,788
1985-1986	0*	1	79	205	607	1,269	1,006	904	550	223	52	1	4,897**
1986-1987	0	19	7	241	714	950	1,106	716	510	258	10	0	4,531
1987-1988	0	0	16	372	481	859	1,125	1,005	614	218	27	3	4,720
1988-1989	0	0	11	388	595	929	817	1,085	646	347	171	6	4,995
1989-1990	0	0	83	210	579	1,351	751	716	559	386	114	10	4,759
1990-1991	6	1	38	293	435	999	1,202	744	555	188	27	0	4,488
1991-1992	0	0	87	213	721	858	939	691	564	295	89	11	4,468
1992-1993	0	2	45	208	631	924	1,088M	956	736	297	43	10	4,940M
1993-1994	0	0	57	299	639	916	1,224	888	541	242	114	3	4,923
1994-1995	0	0	48	232	456	846							

\* Hillsboro data missing, Carlinville data substituted.

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PRECIPITATION

HILLSBORO, IL

YEAR	PRECIPITATION												ANNUAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1895				0.55	1.72	2.47		3.24	2.83	0.63	3.28	5.44	
1896	0.73	2.43	1.23	1.98	6.62	3.14	6.31 4.15	2.08	4.80	1.74	2.58	0.77	32.25
1897	4.02	2.02	6.04	4.07	1.59	3.93	5.16	1.16	0.00	0.25	5.80	2.82	36.86
1898	5.51	3.07	7.78	3.80	7.45	3.39	5.33	2.69	5.56	5.13	2.32	2.00	54.03
1899		2.51	3.54	1.29	7.28	2.84	2.18	7.49	1.59	3.67	2.45	3.48	
1900	0.52	4.60	1.70	1.31	5.14	6.10	3.96	0.42	3.27	3.03	2.78	0.95	33.78
1901	1.92	1.98	3.05	2.15	1.46	2.54	1.93	4.26	1.03	2.31	1.72	3.66	28.01
1902	0.82	0.89	4.95	2.79	3.31	8.93	1.39	5.71	5.32	2.52	3.34	4.00	43.97
1903	1.19	3.16	2.22	3.57	2.83	4.26	2.56	5.63	1.87	1.78	0.61	3.05	32.73
1904	3.15	0.90	6.53	5.05	4.14	4.54	5.38	4.41	5.44	0.62	0.09	1.01	41.26
1905	2.98	0.86	1.63	3.21	4.67	1.96	5.32	2.53	3.16	9.72	1.65	2.15	39.84
1906	3.56	2.42	4.47	2.08	3.15	4.85	0.50	2.37	5.83	1.65	4.25	2.02	37.15
1907	4.89	0.55	1.90	2.78	7.00	4.88	7.53	5.81	0.96	3.90	1.77	3.36	45.33
1908	2.09	4.76	2.10	5.03	8.28	4.53	2.52	0.78	1.54	0.10	1.85	1.62	35.20
1909	2.30	4.85	2.78	7.81	4.33	3.79	6.25	1.04	6.45	3.79	6.23	2.16	51.78
1910	2.26	2.76	0.00	5.19	6.03	3.57	4.20	5.19	6.14	5.00	1.05	1.45	42.84
1911	1.93	2.78	1.92	4.95	1.50	1.28	2.78	4.14	7.46	4.08	2.71	1.94	37.47
1912	1.01	2.19	5.36	7.64	3.24	3.03	3.67	2.00	1.51	1.75	1.85	0.50	33.75
1913	6.84	1.40	7.97	2.80	1.27	3.18	1.96	1.87	7.22	3.33	4.59	0.72	43.15
1914	1.64	3.59	0.50	2.97	0.13	1.07	2.93	4.46	2.31	3.25	1.11	1.63	25.59
1915	2.56	2.03	0.39	4.48	9.66	6.89	5.38	13.12	1.55	0.43	1.33	3.16	50.98
1916	7.99	0.93	1.07	1.36	2.60	5.29	0.73	6.58	2.47	2.22	1.93	1.95	35.12
1917	1.59	0.62	2.45	5.95	6.44	2.58	1.32	2.97	2.08	2.69	0.58	0.59	29.86
1918	1.55	1.54	0.45	5.24	3.60	1.42	2.08	4.44	6.86	2.92	2.74	2.67	35.51
1919	0.08	1.76	2.11	1.40	9.07	6.45	0.34	2.54	4.45	7.69	3.16	0.68	39.73
1920	1.01	1.56	5.35	2.18	6.66	2.27	2.47	4.34	3.63	1.21	0.34	2.97	33.99
1921	0.86	0.71	6.56	5.81	1.88	3.70	1.80	4.46	4.23	1.76	4.30	3.21	39.28
1922	1.18	0.97	8.21	6.37	2.36	1.78	3.35	1.42	1.72	2.66	2.41	3.55	35.98
1923	1.54	1.08	5.63	2.66	4.00	5.75	3.04	3.09	7.32	4.32	2.02	4.12	44.57
1924	2.37	1.13	2.41	0.65	4.54	6.20	2.64	2.76	3.46	1.38	2.57	5.74	35.85
1925	0.41	1.48	3.47	2.92	1.36	5.55	3.46	1.85	2.02	5.33	3.20	1.41	32.46
1926	1.31	2.76	2.53	3.09	2.23	4.37	0.83	3.88	9.07	4.37	3.49	1.44	39.37
1927	2.66	0.73	5.67	9.02	6.25	3.31	4.11	3.85	2.97	3.51	5.81	2.55	50.44
1928	1.56	2.94	1.93	3.89	1.19	7.86	5.08	3.16	3.00	3.41	1.83	2.57	38.42
1929	3.20	0.84	3.95	5.75	11.15	3.70	3.52	2.26	2.15	6.05	0.92	3.53	47.02
1930	6.20	1.47	1.31	3.05	1.44	2.91	0.52	1.12	3.47	1.80	1.83	0.78	25.90
1931	0.29	1.56	2.13	2.83	4.14	1.49	1.94	4.49	3.33	4.34	3.98	2.37	32.89
1932	2.92	1.75	1.72	2.57	0.76	4.68	2.71	7.49	1.67	4.44	1.99	2.82	35.52
1933	3.52	2.19	3.96	3.44	8.87	0.18	1.01	2.29	3.60	3.90	1.17	1.27	35.40
1934	1.43	1.16	2.83	1.70	1.36	4.98	4.22	3.72	5.05	1.72	4.56	1.56	34.29
1935	2.40	1.38	5.92	3.02	9.78	3.79	6.64	1.15	4.86	2.70	3.66	0.89	46.19
1936	1.42	2.00	2.20	3.04	1.73	3.12	1.08	1.34	5.84	3.57	2.70	2.25	30.29
1937	6.50	1.61	0.99	6.36	3.05	5.26	3.06	1.09	2.62	4.56	1.94	2.41	39.45
1938	1.05	2.64	9.26	3.34	5.09	5.76	2.66	4.83	0.94	0.83	1.79	2.01	40.20
1939	4.28	4.07	3.08	4.38	1.30	5.46	3.08	9.45	0.43	0.87	1.94	1.29	39.63
1940	1.05	1.10	2.12	2.81	3.98	2.53	2.02	6.17	0.11	1.87	3.05	2.75	29.56
1941	2.23	0.51	0.54	4.89	1.36	4.65	1.86	1.81	5.33	6.56	3.40	1.00	34.14
1942	1.55	3.28	2.24	2.33	3.93	7.49	5.07	2.18	2.20	2.39	6.19	3.36	42.21
1943	0.54	1.32	3.40	2.21	12.50	6.16	2.20	0.40	2.04	2.14	1.45	1.68	36.04
1944	0.09	2.25	3.05	9.83	4.29	0.62	2.02	4.49	4.80	0.69	2.29	1.61	36.03
1945	0.99	2.60	8.54	5.01	3.95	11.16	1.68	3.51	8.24	2.24	2.41	1.89	52.22

\* Hillsboro data missing, Carlinville data substituted.

\*\* Annual total calculated from Hillsboro and Carlinville data.

H Monthly- fewer than 4 days missing. Annually - one or more months incomplete.

PRECIPITATION

HILLSBORO, IL

YEAR	PRECIPITATION												ANNUAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1946	1.85	2.50	3.37	2.69	6.76	4.94		6.54	2.19	3.11	7.13	2.75	46.34
1947	2.01	0.09	2.15	7.05	3.83	4.86	2.51 0.68	1.34	4.09	3.00	2.52	1.34	32.96
1948	1.51	2.12	5.25	2.03	4.88	4.43	8.34	1.69	3.77	3.59	4.55	2.82	44.98
1949	6.87	3.55	3.71	1.80	3.49	3.93	5.56	2.60	2.89	6.65	0.17	5.22	46.44
1950	8.74	4.69	2.68	3.35	2.16	6.17	3.00	4.42	2.55	2.96	2.96	0.93	44.61
1951	1.54	6.31	3.62	4.11	2.10	10.52	3.44	3.83	2.79	2.18	2.89	1.35	44.68
1952	1.84	2.13	3.76	4.22	2.01	1.02	3.13	2.24	3.16	0.29	2.78	1.70	28.28
1953	1.53	2.45	4.57	2.57	3.51	3.39	2.64	0.78	1.20	1.90	0.77	0.49	25.80
1954	1.59	0.80	1.47	3.31	1.41*	2.44	2.07	3.98	1.45	5.94	0.86	1.97	27.29**
1955	2.02	3.14	2.31	4.87	2.57	3.78	5.57	0.96	2.46	5.55	2.40	0.55	36.18
1956	0.76	3.82	1.08	3.98	4.40	3.66	4.14	4.91	0.54	0.53	2.57	3.85	34.24
1957	1.32	1.56	1.61	8.67	6.40	12.09	3.34	4.51	0.99	5.84	3.28	3.28	52.89
1958	1.41	1.14	2.20	2.94	2.84	4.01	10.98	3.75	3.40	0.97	4.39	0.05	38.08
1959	2.94	3.31	2.74	2.59	7.73	0.40	2.88	4.31	2.66	4.30	3.82	2.59	40.27
1960	1.90	2.02	2.71	2.85	5.65	5.92	2.42	2.95	0.83	2.96	1.59	2.11	33.91
1961	0.47	1.87	5.21	3.00	6.48	0.67	6.79	4.14	4.62	2.35	3.30	2.87	41.77
1962	4.45	2.08	3.38	1.67	7.14	3.87	4.72	2.12	3.48	4.98	1.50	1.74M	41.13M
1963	0.61	0.30	6.93	1.92	6.28	2.10	4.42	2.53	2.06	0.97	3.57	0.76	32.45
1964	1.39	1.90	3.60	4.95	3.17	3.43	0.83	3.23	1.24	0.28	4.07	2.18	30.27
1965	2.21	1.40	1.71	5.66	2.34	4.85	2.68	4.01	4.67	1.56	0.59	2.53	34.21
1966	2.19	3.14	1.83	5.34	6.29	1.97	1.39	5.27	6.04	2.68	4.37	7.10	47.61
1967	2.07	1.48	2.78	3.19	5.14	6.28	8.32	3.89	2.26	3.61	2.17	8.10	49.29
1968	2.14	1.38	1.54	2.87	8.13	3.44	3.47	4.58	2.25	1.02	5.06	2.18	38.06
1969	4.21	2.23	2.31	6.19	2.40	5.25	5.41	1.56	7.18	6.47	1.00*	1.92	46.13**
1970	0.33	0.78	1.87	7.38	5.09	6.32	3.30	2.76	5.79	2.30	1.36	1.39	38.67
1971	1.02	3.61	2.01	1.73	4.29	3.08	3.57	0.96	3.59	2.16	1.58	8.71	36.31
1972	0.58	0.73	1.95	6.50	1.14	3.42	3.10	3.52	4.01	1.48	5.54	5.30	37.27
1973	1.37	1.26	8.59	4.94	3.95	9.06	6.31	5.41	5.63	1.53	4.34	4.28	56.67
1974	4.33	3.81	4.76	4.45	6.79	6.32	1.19	6.80	4.41	1.50	2.75	2.46	49.57
1975	5.59	3.12	3.08	4.60	4.19	3.85	2.22	4.80	3.46	1.56	2.98	2.86	42.31
1976	0.95	1.45	5.09	1.00	2.48	1.39	3.07	3.58	1.96	6.02	0.56	0.45	28.00
1977	2.15	2.40	6.47	0.88	3.02	7.04	3.42	5.30	3.99	5.14	2.65	3.31	45.77
1978	1.80	1.22	6.10	3.28*	6.24	3.94	1.68	1.52	1.60	2.12	5.06	3.07	37.63**
1979	2.26M	1.38	5.77M	10.27	4.27	2.21	5.90	2.60	0.02	2.13	2.58	1.68	41.07M
1980	0.81	1.22	3.92	1.36	2.14	2.89	4.10	7.79	3.98	2.35	1.19	0.31	32.06
1981	0.26	3.27	1.76	4.80	5.30	4.19	7.51	2.90	2.71	2.86	2.19	3.02	40.77
1982	5.92M	4.49M	2.72	3.30	5.68	5.55	9.26	4.53	6.24	4.62	3.65	6.44	62.40M
1983	0.81	0.99	3.52	7.93	4.50	4.30	1.10	1.63	0.18	4.76	7.77	3.53	41.02
1984	0.52	2.06M	4.29	5.98	7.15	1.15	0.83	2.47	7.36	4.30	4.71M	2.64	43.46M
1985	0.08M	3.35M	3.94	3.79	2.00	5.27	3.72*	4.62	0.21	1.46	9.56	4.66	42.66M**
1986	0.02	1.62M	0.86	0.84	2.39	4.14	8.74	1.16	5.64	5.58	1.21	1.07	33.27M
1987	2.19	0.52	1.40	2.37	0.70	1.60	2.47	4.12	2.30	1.01	4.77	5.57	29.02
1988	3.68	2.42	4.28	0.62	1.39	1.08	3.70	1.65	2.25	1.87	8.28	3.49	34.71
1989	2.28M	1.19	3.64	2.92	5.35	0.75	2.22	3.21	5.58	1.48	0.95	1.52	31.09M
1990	1.22	3.77M	2.81	3.48	13.42	8.26	2.93	1.95	1.15	6.17	3.80	8.18	57.14M
1991	1.28	0.33	3.86	3.66	3.72	4.64	2.46	1.12	2.35	4.38	3.45M	1.69	32.94M
1992	1.15M	1.01	2.97M	3.23	1.42	1.70	5.25	1.17	3.52	2.45	6.72	2.52M	33.11M
1993	4.28	2.11*	2.36M	5.81	2.94	4.13	4.87	5.39	8.85	2.79	4.21	2.51	50.25M**
1994	3.00	0.79	1.14	10.95	1.54	3.84	0.63	2.45	3.11	2.31	6.36	1.30	37.42

\* Hillsboro data missing, Carlinville data substituted.

\*\* Annual total calculated from Hillsboro and Carlinville data.

H Monthly- fewer than 4 days missing. Annually - one or more months incomplete.

TOTAL SNOWFALL

HILLSBORO, IL

YEARS	MONTHS												SEASONAL TOTAL
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1894-1895												0.0	0.0
1895-1896	0.0	0.0	0.0	0.0	4.5	4.5	0.0	3.0	9.0	0.0	0.0	0.0	21.0
1896-1897	0.0	0.0	0.0	0.0	4.5	0.0	5.5	3.0	0.0	0.0	0.0	0.0	13.0
1897-1898	0.0	0.0	0.0	0.0	0.0	4.0	3.0	2.5	1.0	0.0	0.0	0.0	10.5
1898-1899	0.0	0.0	0.0	0.0	0.5	3.0		4.0	12.5	2.5	0.0	0.0	
1899-1900	0.0	0.0	0.0	0.0	0.0	6.1	0.0	11.0	0.5	0.5	0.0	0.0	18.1
1900-1901	0.0	0.0	0.0	0.0	0.0	3.0	0.7	7.5	0.0	0.0	0.0	0.0	11.2
1901-1902	0.0	0.0	0.0	0.0	0.0	5.3	8.7	2.7	0.0	0.0	0.0	0.0	16.7
1902-1903	0.0	0.0	0.0	0.0	0.0	1.5	7.5	9.0	1.0	2.0	0.0	0.0	21.0
1903-1904	0.0	0.0	0.0	0.0	0.8	14.3	16.0	2.0	1.0	2.0	0.0	0.0	36.1
1904-1905	0.0	0.0	0.0	0.0	0.0	2.7	8.5	7.8	0.0	0.2	0.0	0.0	19.2
1905-1906	0.0	0.0	0.0	0.0	0.0	0.3	3.3	10.5	22.7	0.0	0.0	0.0	36.8
1906-1907	0.0	0.0	0.0	0.0	0.0	1.0	0.6	5.0	0.0	0.0	0.0	0.0	6.6
1907-1908	0.0	0.0	0.0	0.0	0.0	9.0	7.0	15.5	0.0	0.0	0.0	0.0	31.5
1908-1909	0.0	0.0	0.0	0.0	0.0	2.0	11.7	2.0	0.0	0.0	0.0	0.0	15.7
1909-1910	0.0	0.0	0.0	0.0	0.0	14.0	1.0	22.0	0.0	2.0	0.0	0.0	39.0
1910-1911	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	13.0
1911-1912	0.0	0.0	0.0	0.0	2.0	1.0	15.5	20.0	19.5	0.0	0.0	0.0	58.0
1912-1913	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	8.0	0.0	0.0	0.0	10.0
1913-1914	0.0	0.0	0.0	0.0	0.0	1.3	0.2	18.2	2.2	0.0	0.0	0.0	21.9
1914-1915	0.0	0.0	0.0	0.0	0.0	4.5	9.7	2.0	0.5	0.0	0.0	0.0	16.7
1915-1916	0.0	0.0	0.0	0.0	0.2	18.0	1.3	8.5	8.0	1.5	0.0	0.0	37.5
1916-1917	0.0	0.0	0.0	0.0	0.0	4.1	1.3	0.2	0.0	0.0	0.0	0.0	5.6
1917-1918	0.0	0.0	0.0	0.0	1.5	11.6	14.7	0.0	0.0	0.0	0.0	0.0	27.8
1918-1919	0.0	0.0	0.0	0.0	0.0	0.2	0.0	4.8	3.5	0.0	0.0	0.0	8.5
1919-1920	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.2	1.5	1.5	0.0	0.0	10.2
1920-1921	0.0	0.0	0.0	0.0	0.0	3.3	2.1	0.1	0.0	0.0	0.0	0.0	5.5
1921-1922	0.0	0.0	0.0	0.0	0.0	2.0	3.6	0.0	3.0	0.0	0.0	0.0	8.6
1922-1923	0.0	0.0	0.0	0.0	0.0	1.0	0.1	2.1	0.0	0.0	0.0	0.0	3.2
1923-1924	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.4	7.2	0.0	0.0	0.0	16.2
1924-1925	0.0	0.0	0.0	0.0	0.0	1.1	2.9	0.2	1.0	0.0	0.0	0.0	5.2
1925-1926	0.0	0.0	0.0	0.0	0.3	0.0	1.9	0.1	5.8	0.0	0.0	0.0	8.1
1926-1927	0.0	0.0	0.0	0.0	2.7	2.2	7.5	0.7	2.0	0.0	0.0	0.0	15.1
1927-1928	0.0	0.0	0.0	0.0	1.0	1.0	1.8	3.6	0.1	0.0	0.0	0.0	7.5
1928-1929	0.0	0.0	0.0	0.0	0.0	0.2	2.7	3.9	0.0	0.0	5.0	0.0	11.8
1929-1930	0.0	0.0	0.0	1.8	1.0	10.2	8.0	2.2	5.5	0.0	0.0	0.0	28.7
1930-1931	0.0	0.0	0.0	0.0	0.3	0.5	0.2	0.0	1.4	0.0	0.0	0.0	2.4
1931-1932	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.5	1.6	0.0	0.0	0.0	5.1
1932-1933	0.0	0.0	0.0	0.0	7.3	3.7	0.0	0.4	1.2	0.0	0.0	0.0	12.6
1933-1934	0.0	0.0	0.0	0.0	0.0	0.6	0.5	8.6	5.0	0.0	0.0	0.0	14.7
1934-1935	0.0	0.0	0.0	0.0	0.0	5.8	1.0	0.0	0.8	0.0	0.0	0.0	7.6
1935-1936	0.0	0.0	0.0	0.0	0.0	1.8	10.0	1.1	0.8	0.0	0.0	0.0	13.7
1936-1937	0.0	0.0	0.0	0.0	1.1	4.7	7.8	1.2	8.2	0.0	0.0	0.0	23.0
1937-1938	0.0	0.0	0.0	0.0	3.7	0.0	0.5	1.4	0.0	0.0	0.0	0.0	5.6
1938-1939	0.0	0.0	0.0	0.0	5.4	0.1	7.6	6.5	0.0	0.0	0.0	0.0	19.6
1939-1940	0.0	0.0	0.0	0.0	0.0	9.7	6.7	0.6	0.8	0.5	0.0	0.0	18.3
1940-1941	0.0	0.0	0.0	0.0	0.0	0.0	2.7	1.7	1.5	0.0	0.0	0.0	5.9
1941-1942	0.0	0.0	0.0	0.0	2.7	2.1	0.7	9.3	3.8	0.0	0.0	0.0	18.6
1942-1943	0.0	0.0	0.0	0.0	0.0	9.1	2.3	0.9	2.4	0.0	0.0	0.0	14.7
1943-1944	0.0	0.0	0.0	0.0	0.0	9.0	0.0	5.6	4.8	0.0	0.0	0.0	19.4
1944-1945	0.0	0.0	0.0	0.0	0.2	10.3	2.8	9.1	0.0	0.0	0.0	0.0	22.4

\* Hillsboro data missing, Carlinville data substituted.  
 \*\* Seasonal total calculated from Hillsboro and Carlinville data.  
 + Hillsboro and Carlinville data missing, Pana data substituted.  
 \*\* Seasonal total calculated from Hillsboro, Carlinville, and Pana data.  
 H monthly fewer than 4 days missing. Seasonally- one or more months incomplete.  
 Monthly amounts of a Trace, an amount too small to measure, were not recorded.



## TOTAL SNOWFALL

HILLSBORO, IL

YEAR	JUL	AGO	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	SEASONAL TOTAL
1945-1946	0.0	0.0	0.0	0.0	0.0	8.9	5.0	0.6	0.0	0.0	0.0	0.0	14.5
1946-1947	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.0	9.9	0.0	0.0	0.0	13.5
1947-1948	0.0	0.0	0.0	0.0	0.0	0.8	3.8	6.6	3.9	0.0	0.0	0.0	15.1
1948-1949	0.0	0.0	0.0	0.0	0.0	9.0	2.0	0.2	4.1	0.0	0.0	0.0	15.3
1949-1950	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.6	0.6	0.0	0.0	0.0	5.2
1950-1951	0.0	0.0	0.0	0.0	1.2	8.1	3.9	4.7	5.0	2.0	0.0	0.0	24.9
1951-1952	0.0	0.0	0.0	0.0	10.9	7.0M	0.9	1.5	2.0	0.0	0.0	0.0	22.3M
1952-1953	0.0	0.0	0.0	0.0	2.0	4.6	2.5	0.0	7.5	0.0	0.0	0.0	16.6
1953-1954	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.6	0.5	0.0	0.0*	0.0	1.4**
1954-1955	0.0	0.0	0.0	0.0	0.0	2.5*	3.6†	0.0	3.2*	0.0	0.0	0.0	9.3†*
1955-1956	0.0	0.0	0.0	0.0	1.5*	1.0*	9.7*	5.3*	3.0*	0.0	0.0	0.0	20.5**
1956-1957	0.0	0.0	0.0	0.0	1.0*	0.0*	5.4†	0.0*	0.0*	0.0*	0.0	0.0	6.4†*
1957-1958	0.0	0.0	0.0	0.0	0.0*	1.5†	2.5*	0.5*	6.0*	0.0	0.0	0.0	10.5†*
1958-1959	0.0	0.0	0.0	0.0	3.1*	0.0*	1.5*	0.0*	0.0*	0.0	0.0	0.0	4.6**
1959-1960	0.0	0.0	0.0	0.0	0.0*	0.0*	3.0*	12.5*	17.6	0.0	0.0	0.0	33.1**
1960-1961	0.0	0.0	0.0	0.0	0.0*	8.0	2.5	7.5	0.0	0.0	0.0	0.0	18.0**
1961-1962	0.0	0.0	0.0	0.0	2.0	8.5†	12.0*	4.5*	0.5*	0.0*	0.0	0.0	27.5†*
1962-1963	0.0	0.0	0.0	0.0	0.0	0.0M	4.0	2.5	0.0	0.0	0.0	0.0	6.5M
1963-1964	0.0	0.0	0.0	0.0	0.0	1.5	0.0M	0.0M	5.0	0.0	0.0	0.0	6.5M
1964-1965	0.0	0.0	0.0	0.0	1.5	0.0	8.0	6.5	5.0M	0.0	0.0	0.0	21.0M
1965-1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	8.0
1966-1967	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	3.0
1967-1968	0.0	0.0	0.0	0.0	1.5	5.5M	9.0	0.0M	3.0	0.0	0.0	0.0	19.0M
1968-1969	0.0	0.0	0.0	0.0	0.0	1.3*	1.5	4.0	2.0M	0.0	0.0	0.0	8.8M**
1969-1970	0.0	0.0	0.0	0.0	0.0*	8.5	3.5	5.5	2.0*	0.0M	0.0	0.0	19.5M**
1970-1971	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.6*	0.0*	7.0	0.0	0.0	9.6**
1971-1972	0.0	0.0	0.0	0.0	1.2M	0.0	3.3	2.2	0.0	0.0	0.0	0.0	6.7M
1972-1973	0.0	0.0	0.0	0.0	3.8	1.4*	1.5	2.8	0.5	2.5	0.0	0.0	12.5**
1973-1974	0.0	0.0	0.0	0.0	0.0	0.0	25.5	6.0	4.0	7.0	0.0	0.0	42.5
1974-1975	0.0	0.0	0.0	0.0	0.0	3.5M	2.5	5.5	3.0	0.0	0.0	0.0	14.5M
1975-1976	0.0	0.0	0.0	0.0	8.5	5.0	2.5	0.5	5.0	0.0	0.0	0.0	21.5
1976-1977	0.0	0.0	0.0	0.0	0.0	2.5	25.4*	4.5M	3.0	0.0	0.0	0.0	35.4M**
1977-1978	0.0	0.0	0.0	0.0	4.0	5.0M	9.6*	6.7*	18.8	0.0*	0.0	0.0	44.1M**
1978-1979	0.0	0.0	0.0	0.0	0.0	0.0*	15.0M	7.3	1.0	0.0	0.0	0.0	23.3M**
1979-1980	0.0	0.0	0.0	0.0	0.0	0.0	6.0	7.5	8.4	0.1	0.0	0.0	22.0
1980-1981	0.0	0.0	0.0	0.0	6.0	1.0	0.0	8.0	0.0	0.0	0.0	0.0	15.0
1981-1982	0.0	0.0	0.0	0.0	0.0	10.6	23.1	17.5	1.0	2.5	0.0	0.0	54.7
1982-1983	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.3	2.5	3.5	0.0	0.0	7.8
1983-1984	0.0	0.0	0.0	0.0	0.0	13.5*	3.0	4.5M	8.0M	0.0	0.0	0.0	29.0M**
1984-1985	0.0	0.0	0.0	0.0	1.2M	3.0	5.5	3.5	0.0	0.0	0.0	0.0	13.2M
1985-1986	0.0*	0.0	0.0	0.0	0.0	7.0M	0.3	5.5	0.0	0.0	0.0	0.0	12.8M**
1986-1987	0.0	0.0	0.0	0.0	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0	24.3
1987-1988	0.0	0.0	0.0	0.0	0.0M	7.0	0.0	9.0M	1.0	0.0	0.0	0.0	17.0M
1988-1989	0.0	0.0	0.0	0.0	0.0M	5.5	2.5M	3.0	10.0	0.0	0.0	0.0	21.0M
1989-1990	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0M	1.0	0.0	0.0	0.0	8.8M
1990-1991	0.0	0.0	0.0	0.0	0.0	9.0M	2.5M	0.0	1.0	0.0	0.0	0.0	12.5M
1991-1992	0.0	0.0	0.0	0.0	2.8	0.0M	3.0	0.0	1.8M	0.0	0.0	0.0	7.6M
1992-1993	0.0	0.0	0.0	0.0	0.0	1.9	6.5	18.6M	1.2M	0.0	0.0	0.0	28.2M
1993-1994	0.0	0.0	0.0	0.0	2.3	1.0	10.4	0.9	1.9	0.0M	0.0	0.0	16.5M
1994-1995	0.0	0.0	0.0	0.0	0.0	0.0							

\* Hillsboro data missing, Carlinville data substituted.

\*\* Seasonal total calculated from Hillsboro and Carlinville data.

† Hillsboro and Carlinville data missing, Pana data substituted.

†\* Seasonal total calculated from Hillsboro, Carlinville, and Pana data.

M Monthly-fewer than 4 days missing. Seasonally- one or more months incomplete.

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

## HILLSBORO STATION HISTORY

Systematic daily weather observations began in Hillsboro in 1895.

The observing site was first under the auspices of the U.S. Army Signal Corps, followed by the U. S. Weather Bureau and finally, the National Weather Service (NWS). The Hillsboro observing site is one of about 220 Cooperative observing sites of the National Weather Service in Illinois. Parameters measured include daily maximum and minimum temperature, precipitation, snowfall and snow on the ground.

Climate summaries, similar to this one, are available for the following Illinois locations:

Anna	Aurora	Bloomington
Carbondale	Chicago	Champaign
Decatur	Effingham	Fairfield
Freeport	Harrisburg	Hillsboro
Hoopeston	Lincoln	Moline
Mt. Vernon	Ottawa	Peoria
Quincy	Springfield	White Hall

Copies of these climate summaries, as well as additional weather and climate data are available from:

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

National Climatic Data Center  
Federal Building  
Asheville NC 28801  
704-271-4800

