

MONTHLY CLIMATE SUMMARY, JUNE 2004

NIU WEATHER SERVICE, DEKALB, IL

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	Precip. (in)	Snowfall (in)
1	106	34	77	54	69	53	61	0	4	0.60	0.0
2	97	38	78	54	74	53	63.5	13.5	0	T	0.0
3	102	34	78	55	68	51	59.5	0	5.5	0.00	0.0
4	97	34	79	56	72	47	59.5	0	5.5	0.00	0.0
5	98	33	79	56	75	51	63	0	2	0.00	0.0
6	98	40	80	57	78	58	68	3	0	T	0.0
7	97	38	81	57	84	63	73.5	8.5	0	0.00	0.0
8	98	35	81	57	88	66	77	12	0	0.00	0.0
9	93	35	81	57	90	73	81.5	16.5	0	0.00	0.0
10	103	36	81	57	85	68	76.5	11.5	0	0.20	0.0
11	102	36	82	58	74	67	70.5	5.5	0	0.41	0.0
12	95	38	82	59	84	64	74	9	0	0.91	0.0
13	95	42	82	59	83	65	74	9	0	0.00	0.0
14	96	39	82	59	82	65	73.5	8.5	0	T	0.0
15	96	39	82	60	83	64	73.5	8.5	0	0.20	0.0
16	95	37	82	60	81	64	72.5	7.5	0	0.00	0.0
17	99	37	82	60	83	71	77	12	0	0.00	0.0
18	96	44	83	60	80	66	73	8	0	0.00	0.0
19	99	42	83	60	80	53	66.5	1.5	0	0.00	0.0
20	99	37	83	60	65	50	57.5	0	7.5	0.00	0.0
21	100	38	82	60	73	55	64	0	1	T	0.0
22	99	40	82	59	68	56	62	0	3	0.46	0.0
23	103	39	82	59	72	55	63.5	0	1.5	0.00	0.0
24	102	40	83	60	82	56	69	4	0	0.00	0.0
25	99	43	83	60	61	49	55	0	10	0.00	0.0
26	101	45	83	61	70	50	60	0	5	0.00	0.0
27	100	40	83	62	75	54	64.5	0	0.5	0.00	0.0
28	101	41	83	61	78	57	67.5	2.5	0	0.05	0.0
29	101	40	83	61	74	56	65	0	0	0.00	0.0
30	102	39	83	61	81	59	70	5	0	0.00	0.0

*New Record

Temperature

1896-1995 AVG. HI: 81.5°F
 1896-1995 AVG. LOW: 58.4°F
 1896-1995 AVG. TEMP: 70.2 °F
 June 2004 AVG. HI: 77.1°F
 June 2004 AVG. LO: 58.6 °F
 June 2004 AVG. TEMP: 67.9°F

Precipitation

June TOTAL: 2.83 in.
 June AVG: 4.46 in.
 SNOW: 0.0 in.
 AVG SNOW: 0.0"
 YEAR TO DATE: 21.80 in.
 YEAR TO DATE AVG: 16.62 in.

Degree Days

COOLING: 6/04: 146
 1/04-Now: 198
 HEATING: 6/04: 45.5
 7/03-Now: 7012

Discussion

After a very wet May 2004, precipitation once again fell below average during June, totally more than 1.50 inches below the long-term average of 4.46 inches for DeKalb. The 2.83 inches fell in the driest third of all Mays since 1895. The greatest 24-hour total was 0.91 inches which was recorded on the 12th. There were 23 days with less than 0.01 inch of precipitation allowing many fields swamped by May rains to dry out. By the end of the month gardens, lawns, and crops were beginning to show early signs of dryness.

The average temperature for June fell nearly 2.5°F below the long-term average and was located in the coolest third of all Mays since 1895. The month started cool with a low temperature of 47 recorded on the 4th. Only one day during the month, June 9, recorded a high temperature of 90°F or higher. From the 19th through the end of the month temperatures ran more than 5°F below the long-term average. The cool month was reflected in fewer than average Cooling Degree Days and thus less demand for air conditioning.

Samuel Shea, Weather Directors/Cooperative Observers, NIU

Forecast Information (updated once daily at approx. 7:30 am): (815) 753-1623

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