

MONTHLY CLIMATE SUMMARY, MAY 2014
NIU WEATHER SERVICE: DE KALB, IL.

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip (in.)	Snowfall (in.)
1	89	27	64	43	45	38	41.5	0	24	0	0.01	0
2	90	27	65	44	46	40	43	0	22	0	0.04	0
3	89	28	65	44	54	40	47	0	18	0	0.01	0
4	90	26	66	43	66	44	55	0	10	5	0	0
5	92	27	68	45	57	43	50	0	15	0	T	0
6	94	28	70	46	58	40	49	0	16	0	0	0
7	89	24	71	47	65	42	53.5	0	12	4	0	0
8	89	28	68	47	81	52	66.5	2	0	17	0.03	0
9	95	25	72	49	88	64	76	11	0	26	0.14	0
10	90	25	72	48	73	51	62	0	3	12	0.04	0
11	91	24	72	48	77	53	65	0	0	15	0	0
12	92	29	70	47	81	59	70	5	0	20	0.14	0
13	88	29	68	47	84	55	69.5	5	0	20	0.32	0
14	90	28	68	46	55	44	49.5	0	16	0	0.03	0
15	90	31	69	47	45	37	41	0	24	0	0.14	0
16	91	29	69	47	54	32	43	0	22	0	0.33	0.5
17	92	33	73	48	54	33	43.5	0	22	0	0.15	T
18	94	31	72	49	59	39	49	0	16	0	T	0
19	95	30	71	50	70	47	58.5	0	7	9	0	0
20	95	32	73	50	68	49	58.5	0	7	9	T	0
21	94	31	72	49	85	60	72.5	8	0	23	1.04	0
22	93	35	73	49	85	54	69.5	5	0	20	0	0
23	93	30	73	51	71	50	60.5	0	5	11	0	0
24	94	33	73	50	73	47	60	0	5	10	0	0
25	92	28	71	50	74	52	63	0	2	13	0	0
26	97	31	70	50	83	60	71.5	7	0	22	0	0
27	97	30	72	51	87	64	75.5	11	0	26	0.01	0
28	96	33	72	51	84	63	73.5	9	0	24	0.58	0
29	93	31	74	53	77	56	66.5	2	0	17	0	0
30	94	35	76	54	80	57	68.5	4	0	19	0	0
31	107	35	78	56	83	60	71.5	7	0	22	0	0

Temperature

1981-2010 AVG. HI: 71.3(F)
 1981-2010 AVG. LOW: 48.3(F)
 1981-2010 AVG. TEMP.: 59.8(F)
 May 2014 AVG. HI: 69.7(F)
 May 2014 AVG. LO: 49.2(F)
 May 2014 AVG. TEMP.: 59.5(F)

Precipitation

May 2014 TOTAL: 3.01 in.
 May AVG.: 4.55in.
 May 2014 SNOW: 0.5 in.
 May SNOW AVG: 0
 2014 liquid-eq. YEAR TO DATE: 10.56 in.
 liquid-eq. YEAR TO DATE AVG.: 13.09 in.
 2013-14 Seasonal SNOW TO DATE: 50.7 in.
 Seasonal SNOW TO DATE AVG.: 35.8 in.

Degree Days

COOLING: 5/14: 76
 1/14-Now: 76
 HEATING: 5/14: 246
 7/13-Now: 7987
 GROWING: 5/14: 344
 1/14-Now: 352

Discussion

May 2014 had an average temperature of 59.5 degrees with an average high of 69.7 degrees and an average low of 49.2 degrees. All the May 2014 averages are couple degrees around their respective historical averages, which makes May the first month in six months where not all the months average temperatures were below their historical average temperatures. The last below freezing (32F or lower) temperature was recorded on May 16.

Total precipitation for the month was 3.01 inches, which is below the historical average of 4.55 inches for May. Year to date precipitation stands at 10.56 inches, which is 2.53 inches below average. In the middle of the month, we recorded a half an inch of snow for May 16. This is the latest measurable snowfall on record for DeKalb.

We have now had our first cooling degree days at 76 days. There were 246 heating degree days making the total since last July 7987 days. There were 344 growing degree days for the month, making the yearly total 352.

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This summary was prepared by Jodi Wright, 3 June 2014. Forecast information (updated once daily at approx. 7:30 am): (815) 762-3230.

Climate Website: <http://climate.niu.edu>

The Climate Summary is supported by the Department of Geography, the College of Liberal Arts and Sciences, and the Department of Operations.

May 2014 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by Jodi Wright, NIU Weather Director

