

MONTHLY CLIMATE SUMMARY, MAY 2012
NIU WEATHER SERVICE: DE KALB, ILL.

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	59	44	51.5	0	13.5	1.5	T	0.0
2	90	27	65	44	64	49	56.5	0	8.5	6.5	0.05	0.0
3	89	28	65	44	77	63	70	5	0	20	T	0.0
4	90	26	66	43	84	61	72.5	7.5	0	22.5	0.4	0.0
5	92	27	68	45	77	55	66	1	0	16	T	0.0
6	94	28	70	46	65	54	59.5	0	5.5	9.5	0	0.0
7	89	24	71	47	67	56	61.5	0	3.5	11.5	0.53	0.0
8	89	28	68	47	65	52	58.5	0	6.5	8.5	0.15	0.0
9	95	25	72	49	69	45	57	0	8	7	0	0.0
10	90	25	72	48	61	45	53	0	12	3	0	0.0
11	91	24	72	48	68	47	57.5	0	7.5	7.5	0	0.0
12	92	29	70	47	79	50	64.5	0	0.5	14.5	T	0.0
13	88	29	68	47	63	50	56.5	0	8.5	6.5	T	0.0
14	90	28	68	46	71	47	59	0	6	9	0	0.0
15	90	31	69	47	79	51	65	0	0	15	0	0.0
16	91	29	69	47	86	47	66.5	1.5	0	16.5	0.05	0.0
17	92	33	73	48	68	45	56.5	0	8.5	6.5	0	0.0
18	94	31	72	49	74	50	62	0	3	12	0	0.0
19	95	30	71	50	84	54	69	4	0	19	0	0.0
20	95	32	73	50	90	63	76.5	11.5	0	26.5	0	0.0
21	94	31	72	49	90	53	71.5	6.5	0	21.5	0.05	0.0
22	93	35	73	49	69	48	58.5	0	6.5	8.5	0	0.0
23	93	30	73	51	72	49	60.5	0	4.5	10.5	0	0.0
24	94	33	73	50	81	53	67	2	0	17	0	0.0
25	92	28	71	50	88	58	73	8	0	23	0	0.0
26	97	31	70	50	80	60	70	5	0	20	0	0.0
27	97	30	72	51	89	63	76	11	0	26	T	0.0
28	96*	33	72	51	96	72	84	19	0	34	0	0.0
29	93	31	74	53	90	60	75	10	0	25	0	0.0
30	94	35	76	54	82	52	67	2	0	17	0	0.0
31	107	35	78	56	66	48	57	0	8	7	0.03	0.0

*A NEW RECORD HIGH was recorded on the 28th.

Temperature

1981-2010 AVG. HI: 71.3(F)
 1981-2010 AVG. LOW: 48.3(F)

1981-2010 AVG. TEMP.: 59.4(F)
 May 2012 AVG. HI: 75.9(F)
 May 2012 AVG. LO: 53.0(F)
 May 2012 AVG. TEMP.: 64.4(F)

Precipitation

May 2012 TOTAL: 1.26 in.
 May AVG.: 4.55in.

May 2012 SNOW: 0
 May SNOW AVG: 0
 2012 liquid-eq. YEAR TO DATE: 16.92 in.
 liquid-eq. YEAR TO DATE AVG.: 13.09 in.
 2011-12 Seasonal SNOW TO DATE: 48.2 in.
 Seasonal SNOW TO DATE AVG.: 35.8 in.

Degree Days

COOLING: 5/12: 94
 1/12-Now: 122.5
 HEATING: 5/12: 110.5
 7/11-Now: 5640.5
 GROWING: 5/12: 448.5
 1/12-Now: 707

Discussion

May 2012 had an average temperature of 64.4 degrees with an average High of 75.9 and an average Low of 53. In the beginning of the month the average daily temperature was around 65 degrees which ten out of the first thirteen days had recorded temperatures near this average. The first 80+ degree day was recorded on the 4th where the High for the day was at 84 degrees. From the 18th to the 30th we had a daily High temperature 70 or greater, except for the 22nd where the High for the day was 69 degrees. Within this time period we had a record High on the 28th recorded at 96 degrees, the previous record was 95 degrees from 2007. Also on this day we had the highest Low for the month at 72 degrees. For the entire month of May we had never had a daily Low of 32 degrees or below.

The liquid-eq. totals for the month is 1.26in. In the first half of the month there was a decent amount of rain that fell at the station. For the second half of the month starting on May 22nd and continuing on until May 30th, there was either no precipitation or just a trace. This trend can show how dry this month has been and might even suggest how dry the upcoming months might be. As expected there was no snowfall throughout the month of May due to the fact that the temperature had not gone below freezing throughout the entire month.

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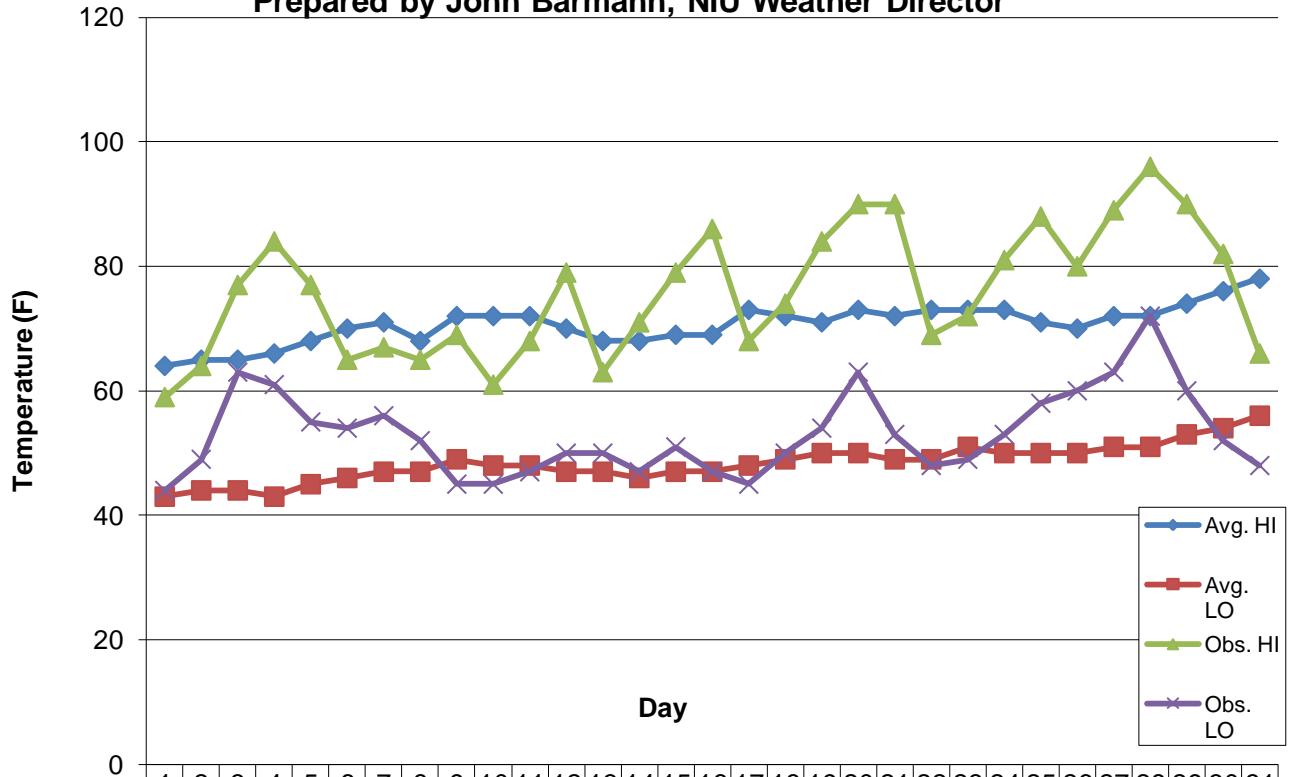
This summary was prepared by John Barmann, 31 May 2012. Forecast information (updated once daily at approx. 7:30 am): (815) 753-1623.

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 2012 Daily Highs and Lows with 1981-2010 Average Highs and Lows

Prepared by John Barmann, NIU Weather Director



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
◆ Avg. HI	64	65	65	66	68	70	71	68	72	72	72	70	68	68	69	69	73	72	71	73	72	73	73	73	71	70	72	72	74	76	78
■ Avg. LO	43	44	44	43	45	46	47	47	49	48	48	47	47	46	47	47	48	49	50	50	49	49	51	50	50	50	51	51	53	54	56
▲ Obs. HI	59	64	77	84	77	65	67	65	69	61	68	79	63	71	79	86	68	74	84	90	90	69	72	81	88	80	89	96	90	82	66
× Obs. LO	44	49	63	61	55	54	56	52	45	45	47	50	50	47	51	47	45	50	54	63	53	48	49	53	58	60	63	72	60	52	48