

MONTHLY CLIMATE SUMMARY, SEPTEMBER 2014

NIU WEATHER SERVICE: DE KALB, IL.

Day	Record	Record	Average	Average	Obs.	Obs.	Obs.	GDD	CDD	HDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	LO	Avg.					
1	100	39	80	59	83	66	74.5	24.5	9.5	0	T	0.0
2	101	35	80	58	81	64	72.5	22.5	7.5	0	0.01	0.0
3	99	40	80	58	80	59	69.5	19.5	4.5	0	0	0.0
4	100	41	80	57	83	60	71.5	21.5	6.5	0	T	0.0
5	99	40	78	57	83	68	75.5	25.5	10.5	0	0.78	0.0
6	100	36	79	57	87	55	71	21.5	6	0	0.61	0.0
7	101	37	80	58	75	52	63.5	13.5	0	1.5	0	0.0
8	99	27	80	56	81	53	67	17	2	0	0	0.0
9	96	39	78	56	75	56	65.5	15.5	0.5	0	0.02	0.0
10	96	36	78	56	78	63	70.5	20.5	5.5	0	0.77	0.0
11	94	30	79	55	78	48	63	13	0	2	0.52	0.0
12	96	32	79	55	52	46	49	0	0	16	T	0.0
13	98	33	78	55	52	37	44.5	0	0	20.5	0.21	0.0
14	100	29	77	54	59	38	48.5	0	0	16.5	T	0.0
15	101	33	75	52	66	38	52	2	0	13	T	0.0
16	92	30	74	52	58	42	50	0	0	15	0.01	0.0
17	94	33	73	51	66	42	54	4	0	11	0	0.0
18	97	30	75	53	71	44	57.5	7.5	0	7.5	0	0.0
19	93	32	76	53	70	52	61	11	0	4	0	0.0
20	93	28	74	52	76	52	64	14	0	1	0	0.0
21	94	32	71	49	75	54	64.5	14.5	0	0.5	0.20	0.0
22	92	29	72	49	75	42	58.5	8.5	0	6.5	T	0.0
23	91	30	71	48	67	42	54.5	4.5	0	10.5	0	0.0
24	91	30	71	48	73	46	59.5	9.5	0	5.5	0	0.0
25	93	25	69	48	75	52	63.5	13.5	0	1.5	0	0.0
26	93	26	70	48	76	57	66.5	16.5	1.5	0	0	0.0
27	89	27	72	48	81	58	69.5	19.5	4.5	0	0	0.0
28	91	23	70	48	80	55	67.5	17.5	2.5	0	0	0.0
29	96	28	69	47	80	57	68.5	18.5	3.5	0	0	0.0
30	93	22	71	47	83	46	64.5	14.5	0	0.5	0	0.0

Temperature

1981-2010 AVG. HI: 75.3 (F)
 1981-2010 AVG. LOW: 52.8 (F)
 1981-2010 AVG. TEMP.: 64.1 (F)
 Sept. 2014 AVG. HI: 74 (F)
 Sept. 2014 AVG. LO: 51.5 (F)
 Sept. 2014 AVG. TEMP.: 62.8 (F)

Precipitation

Sept. 2014 TOTAL: 3.13 in.
 Sept. AVG.: 3.16 in.
 Sept. 2014 SNOW: 0
 Sept. SNOW AVG: 0
 2014 liquid-eq. YEAR TO DATE: 31.28 in.
 liquid-eq. YEAR TO DATE AVG.: 29.08 in.
 2014-15 Seasonal SNOW TO DATE: 0
 Seasonal SNOW TO DATE AVG.: 0

Degree Days

COOLING: 9/14: 64.5
 1/14-Now: 655
 HEATING: 9/14: 133
 7/14-Now: 150.5
 GROWING: 9/14: 389.5
 1/14-Now: 2596.5

Discussion

September had a mean temperature of 62.8 °F, which is just over one degree below the historical average of 64.1 °F. September had 16 days with above average highs and 12 days with above average lows. September's highest temperatures were recorded in the beginning and end of the month with the highest temperature recorded on the 6th at 87 degrees. The month's lowest temperatures were during the middle of the month with the lowest temperature recorded on the 13th at 37 degrees.

Septembers' precipitation total for 2014 was 3.13 in, which is just 0.03 in. below the average of 3.16 in. This brings the year to date liquid equivalent total to 31.28 in., which is 2.2 in. above the liquid equivalent year to date average. Over 90 percent of the precipitation fell the first half of the month.

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 This summary was prepared by Jodi Wright, 6 October 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.

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

