

MONTHLY CLIMATE SUMMARY, SEPTEMBER, 2009
NIU WEATHER SERVICE, DEKALB, IL

Day	Record		Average		Obs.		Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	LO						
1	100	39	82	60	67	48	57.5	0	7.5	7.5	0	0
2	101	35	81	59	71	51	61	0	4	11	0	0
3	99	40	80	58	73	53	63	0	2	13	0	0
4	100	41	80	56	74	54	64	0	1	14	0	0
5	99	40	79	56	74	53	63.5	0	1.5	13.5	0	0
6	100	36	80	56	77	54	65.5	0.5	0	15.5	0.06	0
7	101	37	81	57	75	58	66.5	1.5	0	16.5	T	0
8	99	37	80	55	77	55	66	1	0	16	0	0
9	96	39	79	56	78	54	66	1	0	16	0	0
10	96	36	79	55	78	60	69	4	0	19	T	0
11	94	30	80	56	81	61	71	6	0	21	0	0
12	96	32	79	55	81	55	68	3	0	18	0	0
13	98	33	77	55	79	52	65.5	0.5	0	15.5	0	0
14	100	29	77	53	78	52	65	0	0	15	0	0
15	101	33	75	52	81	56	68.5	3.5	0	18.5	0	0
16	92	30	74	52	82	59	70.5	5.5	0	20.5	0	0
17	94	33	73	52	72	49	60.5	0	4.5	10.5	0	0
18	97	30	75	53	71	49	60	0	5	10	0	0
19	93	32	76	53	77	52	64.5	0	0.5	14.5	0	0
20	93	28	75	51	75	55	65	0	0	15	0	0
21	94	32	69	48	74	56	65	0	0	15	0.54	0
22	92	29	68	46	69	57	63	0	2	13	0.02	0
23	91	30	68	44	76	60	68	3	0	18	0.44	0
24	91	30	70	46	75	61	68	3	0	18	T	0
25	93	25	69	49	72	63	67.5	2.5	0	17.5	0	0
26	93	26	72	48	68	58	63	0	2	13	0.12	0
27	89	27	73	49	68	50	59	0	6	9	T	0
28	91	23	72	49	73	50	61.5	0	3.5	11.5	0	0
29	96	28	72	48	60	45	52.5	0	12.5	2.5	0	0
30	93	22	72	49	59	45	52	0	13	2	0	0

Temperature

1971-2000 AVG. HI: 75.6°F
 1971-2000 AVG. LOW: 52.5°F
 1971-2000 AVG. TEMP: 64.1°F
 September 2009 AVG. HI: 73.8°F
 September 2009 AVG. LO: 54.2°F
 September 2009 AVG. TEMP: 64.0°F

Precipitation

September TOTAL: 1.18 in
 September AVG: 3.47 in.
 SNOW: 0.0 in.
 YEAR TO DATE: 35.98 in
 YEAR TO DATE AVG: 29.80 in

Degree Days

COOLING: 9/09: 35
 1/09-Now: 420.5
 HEATING: 9/09: 65
 7/09-Now: 131
 GROWING: 9/09: 420
 1/09-Now: 2408

Discussion

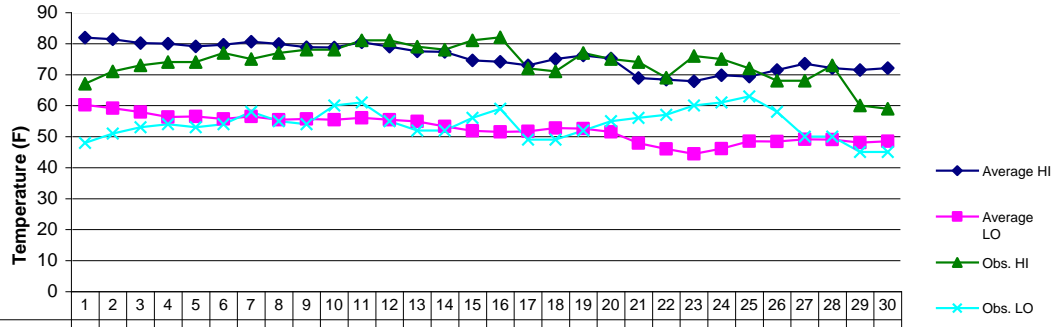
The temperatures for September 2009 were near average. The average high was slightly below normal, the average low was slightly above normal and the overall average temperature was almost exactly the same as the 30-year average; 64.1 °F is the 30-year average temperature whereas the average temperature for September 2009 was 64.0°F. There were five days during the month when the low temperature fell below 50 degrees, and only one day when the high temperature failed to reach 60 degrees.

In September of 2009 DeKalb received 1.18 inches of rain, which is well below the 30-year average for September (3.47 inches). September 2009 was also a very dry month compared to previous months this year although the year to date average precipitation for DeKalb is still 6 inches above the historic average. September 2009 was the sixth driest September on record.

Kevin Nasiatka, Alecia Osborne, Marius Paulikas, Kyle McAdams, C Scott Smith, Carie Cunningham, Phil Jagielo; Weather Director/Cooperative Observers, NIU
 Forecast Information (updated once daily at approx. 7:30 am (815) 753-1623

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

September 2009 Daily Highs and Lows with 1971-2000 Average Highs and Lows



	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
—◆— Average HI	82	81	80	80	79	80	81	80	79	79	80	79	78	77	75	74	73	75	76	75	69	68	68	70	69	72	74	72	72	72
—■— Average LO	60	59	58	56	57	56	57	55	56	55	56	55	55	53	52	52	52	53	53	52	48	46	44	46	49	48	49	49	48	49
—▲— Obs. HI	67	71	73	74	74	77	75	77	78	78	81	81	79	78	81	82	72	71	77	75	74	69	76	75	72	68	68	73	60	59
—×— Obs. LO	48	51	53	54	53	54	58	55	54	60	61	55	52	52	56	59	49	49	52	55	56	57	60	61	63	58	50	50	45	45

Day