

MONTHLY CLIMATE SUMMARY, SEPTEMBER, 2007
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	77	56	66.5	1.5	0	16.5	0	0
2	101	35	81	59	79	57	68	3	0	18	0	0
3	99	40	80	58	85	60	72.5	7.5	0	22.5	0	0
4	100	41	80	56	87	63	75	10	0	25	0	0
5	99	40	79	56	90	65	77.5	12.5	0	27.5	0	0
6	100	36	80	56	88	68	78	13	0	28	0	0
7	101	37	81	57	81	69	75	10	0	25	T	0
8	99	37	80	55	83	60	71.5	6.5	0	21.5	0.2	0
9	96	39	79	56	80	56	68	3	0	18	T	0
10	96	36	79	55	80	57	68.5	3.5	0	18.5	0	0
11	94	30	80	56	71	48	59.5	0	5.5	9.5	0.15	0
12	96	32	79	55	69	41	55	0	10	5	0	0
13	98	33	77	55	68	42	55	0	10	5	0	0
14	100	29	77	53	79	48	63.5	0	1.5	13.5	0	0
15	101	33	75	52	62	35	48.5	0	16.5	0	0	0
16	92	30	74	52	62	35	48.5	0	16.5	0	0	0
17	94	33	73	52	72	48	60	0	5	10	0	0
18	97	30	75	53	86	54	70	5	0	20	0	0
19	93	32	76	53	89	63	76	11	0	26	0	0
20	93	28	75	51	83	58	70.5	5.5	0	20.5	0	0
21	94	32	69	48	83	58	70.5	5.5	0	20.5	0	0
22	92	29	68	46	88	53	70.5	5.5	0	20.5	0.01	0
23	91	30	68	44	75	53	64	0	1	14	0	0
24	91	30	70	46	85	55	70	5	0	20	0	0
25	93	25	69	49	90	68	79	14	0	29	0	0
26	93	26	72	48	84	51	67.5	2.5	0	17.5	0.08	0
27	89	27	73	49	69	48	58.5	0	6.5	8.5	0	0
28	91	23	72	49	76	49	62.5	0	2.5	12.5	0	0
29	96	28	72	48	75	51	63	0	2	13	0	0
30	93	22	72	49	80	51	65.5	0.5	0	15.5	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 2007 AVG. HI: 79.2(F)
 September 2007 AVG. LO: 54.0(F)
 September 2007 AVG. TEMP: 66.6(F)

Precipitation

September TOTAL: 0.44 in
 September AVG: 3.47 in.
 SNOW: 0.0 in.
 YEAR TO DATE: 36.82 in
 YEAR TO DATE AVG: 29.80 in

Degree Days

COOLING: 9/07: 125
 1/07-Now: 889.5
 HEATING: 9/07: 77
 7/07-Now: 80.5
 GROWING: 9/07: 501
 1/07-Now: 3078

Discussion

The average low, the average high, and the average temperatures were all warmer than the 1971-2000 average by 3.6°F, 1.5°F, and 2.5°F, respectively, for the month of September 2007. The average high temperature was the 3rd warmest September on record while the average temperature, 66.6°F, was the 6th warmest average temperature. September's warmest temperature was 90°F, occurring twice on the 5th and again on the 25th. The coolest temperature was 35°F, occurring on both the 15th and the 16th.

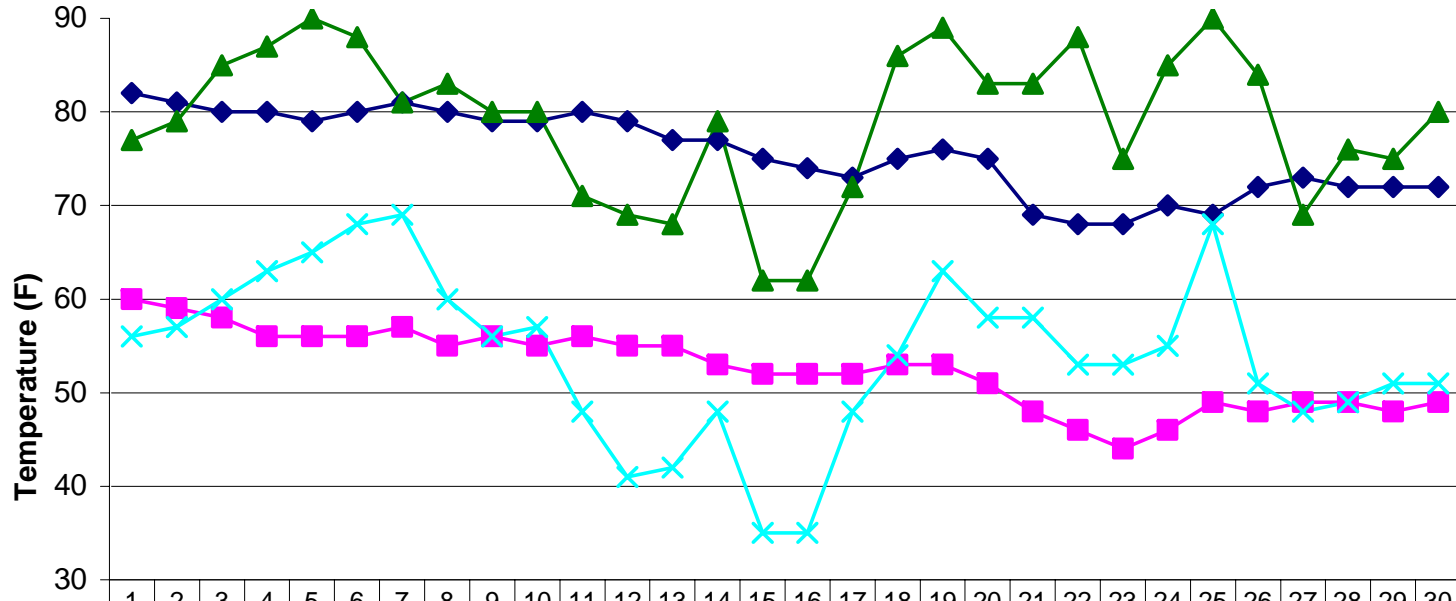
There was only 0.44" of rain that fell in September 2007, 3.03" below the average rainfall for this month. This amount is also extremely low when comparing the 0.44" in September to August 2007's 12.02" of rainfall. This is the 2nd driest September on record, behind only September 1979 which had only 0.04" of rain. Despite this extremely dry September, we are still 7.02" above average for liquid equivalent for the year. The January-September 2007 rainfall ranks as the 5th wettest on record.

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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 2007 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	77	77	75	74	73	75	76	75	69	68	68	70	69	72	73	72	72	72
■ Average LO	60	59	58	56	56	56	57	55	56	55	56	55	55	53	52	52	52	53	53	51	48	46	44	46	49	48	49	49	48	49
▲ Obs. HI	77	79	85	87	90	88	81	83	80	80	71	69	68	79	62	62	72	86	89	83	83	88	75	85	90	84	69	76	75	80
× Obs. LO	56	57	60	63	65	68	69	60	56	57	48	41	42	48	35	35	48	54	63	58	58	53	53	55	68	51	48	49	51	51

Day