

MONTHLY CLIMATE SUMMARY, SEPTEMBER 2012

NIU WEATHER SERVICE: DE KALB, ILL.

Day	Record		Average		Obs.		Obs. Avg.	GDD	CDD	HDD	Precip. (in)	Snowfall (in)
	HI	LO	HI	LO	HI	LO						
1	100	39	80	59	91	68	79.5	29.5	14.5	0	0.00	0.0
2	101	35	80	58	74	69	71.5	21.5	6.5	0	0.00	0.0
3	99	40	80	58	84	66	75	25	10	0	0.00	0.0
4	100	41	80	57	92	69	80.5	30.5	15.5	0	0.00	0.0
5	99	40	78	57	94	62	78	28	13	0	0.75	0.0
6	100	36	79	57	89	62	75.5	25.5	10.5	0	0.08	0.0
7	101	37	80	58	81	63	72	22	7	0	0.16	0.0
8	99	27	80	56	75	50	62.5	12.5	0	2.5	0.07	0.0
9	96	39	78	56	72	50	61	11	0	4	0.1	0.0
10	96	36	78	56	71	50	60.5	10.5	0	4.5	0.00	0.0
11	94	30	79	55	77	51	64	14	0	1	0.00	0.0
12	96	32	79	55	84	53	68.5	18.5	3.5	0	0.00	0.0
13	98	33	78	55	87	56	71.5	21.5	6.5	0	0.00	0.0
14	100	29	77	54	60	46	53	3	0	12	0.27	0.0
15	101	33	75	52	74	47	60.5	10.5	0	4.5	0.00	0.0
16	92	30	74	52	79	51	65	15	0	0	0.00	0.0
17	94	33	73	51	76	51	63.5	13.5	0	1.5	0.00	0.0
18	97	30	75	53	78	44	61	11	0	4	0.75	0.0
19	93	32	76	53	61	40	50.5	0.5	0	14.5	0.00	0.0
20	93	28	74	52	73	42	57.5	7.5	0	7.5	0.00	0.0
21	94	32	71	49	70	45	57.5	7.5	0	7.5	0.00	0.0
22	92	29	72	49	56	45	50.5	0.5	0	14.5	0.19	0.0
23	91	30	71	48	57	37	47	0	0	18	0.00	0.0
24	91	30	71	48	60	35	47.5	0	0	17.5	0.00	0.0
25	93	25	69	48	71	35	53	3	0	12	0.00	0.0
26	93	26	70	48	79	52	65.5	15.5	0.5	0	0.00	0.0
27	89	27	72	48	70	43	56.5	6.5	0	8.5	0.00	0.0
28	91	23	70	48	63	42	52.5	2.5	0	12.5	0.00	0.0
29	96	28	69	47	69	44	56.5	6.5	0	8.5	0.00	0.0
30	93	22	71	47	79	46	62.5	12.5	0	2.5	0.00	0.0

Temperature

1981-2010 AVG. HI: 75.3(F)
 1981-2010 AVG. LO: 52.8(F)
 1981-2010 AVG. TEMP.: 64.1(F)
 Sept. 2012 AVG. HI: 74.9(F)
 Sept. 2012 AVG. LO: 50.5(F)
 Sept. 2012 AVG. TEMP.: 62.7(F)

Precipitation

Sept. 2012 TOTAL: 2.37 in.
 Sept. AVG.: 3.16 in.
 Sept. 2012 SNOW: 0
 Sept. SNOW AVG: 0
 2012 liquid-eq. YEAR TO DATE: 18.69 in.
 liquid-eq. YEAR TO DATE AVG.: 25.92 in.
 2011-12 Seasonal SNOW TO DATE: 0
 Seasonal SNOW TO DATE AVG.: 0

Degree Days

COOLING: 9/12: 87.5
 1/12-Now: 1077.0
 HEATING: 9/12: 157.5
 7/12-Now: 167.0
 GROWING: 9/12: 385.5
 1/12-Now: 3294.5

Discussion

September's mean temperature of 74.9°F was very close to the historical normal. September started out above normal with several days recording in the 90s. Most of September included high temperatures that were within the middle to upper 70's, with the highest temperature recorded on September 5th at 94°F. The last time there was a high temperature of 94°F or above in September was in 1990. The lowest temperatures for September were recorded on the 24th and 25th at 35°F. Comparing September historical rankings for mean temperature (1966-2012), 2012 ranked as the twelfth coldest with a mean temperature at 62.7°F. The coldest September was 1975, with a mean temperature of 60.2°F. Liquid Equivalent precipitation total for the month of September was 2.37in. In comparison to the historical records extending to 1966, September's total ranks 20th; the driest September was in 1979 at 0.04in.

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 This summary was prepared by John Barmann, 1 October 2012. Forecast information (updated once daily at approx. 7:30 am): (815) 753-1623.
 Climate Website: <http://climate.niu.edu>

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Sept. 2012 Daily Highs and Lows with 1981-2010 Average Highs and Lows
 Prepared by John Barmann, NIU Weather Director

