

MONTHLY CLIMATE SUMMARY, OCTOBER 2005
NIU WEATHER SERVICE, DEKALB, IL

Day	Record HI	Record LO	Average HI	Average LO	Obs. HI	Obs. LO	Obs. Avg.	CDD	HDD	GDD	Precip. (in)	Snowfall (in)
1	93	28	73	47	71	40	55.5	0	9.5	6	0	0
2	90	25	70	45	79	51	65	0	0	15	0	0
3	89	26	68	44	83	49	66	1	0	16	0.18	0
4	92	27	68	44	86	67	76.5	11.5	0	27	0	0
5	88	26	66	44	89*	65	77	12	0	27	0	0
6	92	20	66	44	85	45	65	0	0	15	0	0
7	86	26	65	41	53	43	48	0	17	0	0	0
8	86	22	65	42	51	37	44	0	21	0	0	0
9	86	23	64	42	53	38	45.5	0	19.5	0	T	0
10	87	21	63	40	63	43	53	0	12	3	0	0
11	86	20	64	40	65	44	54.5	0	10.5	5	0	0
12	84	22	66	42	65	53	59	0	6	9	0	0
13	87	21	66	41	67	53	60	0	5	10	0	0
14	85	21	65	41	71	45	58	0	7	8	0	0
15	88	21	64	42	78	45	61.5	0	3.5	12	0	0
16	85	25	65	42	68	41	54.5	0	10.5	5	0	0
17	87	22	64	41	64	41	52.5	0	12.5	3	0	0
18	86	18	61	40	74	45	59.5	0	5.5	10	0.05	0
19	86	18	59	38	76	46	61	0	4	11	0	0
20	86	18	61	38	60	45	52.5	0	12.5	3	0	0
21	87	22	60	40	54	42	48	0	17	0	0	0
22	84	20	61	39	60	45	52.5	0	12.5	2	0	0
23	83	22	61	39	60	30	45	0	20	0	0	0
24	80	18	60	41	45	30	37.5	0	27.5	0	0.3	0
25	77	22	58	39	49	36	42.5	0	22.5	0	0	0
26	82	15	59	37	51	36	43.5	0	21.5	0	0	0
27	82	19	61	39	50	32	41	0	24	0	0	0
28	78	19	59	38	52	31	41.5	0	23.5	0	0	0
29	80	15	60	37	57	31	44	0	21	0	0	0
30	83	13	60	38	63	33	48	0	17	0	0	0
31	85	16	58	39	62	39	50.5	0	14.5	1	0	0

* **New Record**

Temperature

1971-2001 AVG. HIGH: 63.1
 1971-2001 AVG. LOW: 40.8
 1971-2001 AVG. TEMP: 52.2
 Oct 2005 AVG. HIGH: 64.6
 Oct 2005 AVG. LOW: 42.6
 Oct 2005 AVG. TEMP: 53.6

Precipitation

Oct TOTAL: 0.53 in.
 Oct AVG: 2.60 in.
 SNOW: 0.0 in.
 AVG. SNOW: 0.1 in.
 YEAR TO DATE: 19.99in.
 YEAR TO DATE AVG: 30.37 in

Degree Days

COOLING: 10/05: 24.5
 2005: 683
 HEATING: 10/05: 377
 2005: 4337
 GROWING: 10/05: 188
 2005: 3394

Discussion

Drought conditions persisted as the month's average temperature was above normal and precipitation continues to be well below normal. Two records were broken this month. The first occurred on the 4th when the mercury climbed to 89° F – more than 20° above normal for the day. The second, and more significant, was the month's dismal rainfall total of 0.53", leaving October 2005 as the driest on record for DeKalb (1966 – 2005), and the 6th driest since records began in 1896. The year is now almost 10 inches behind in precipitation, and the 19.99" ranks 2nd in total Jan-Oct precipitation for DeKalb. Soils are going to need above average snowfalls this winter if they are going to be recharged by next year's growing season.

Matt Becker, Elliott Sidell and Bill Oswald, Weather Directors/Cooperative Observers, NIU

Forecast Information (updated once daily at approx. 7:30 am): (815) 753-1623

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