

Champaign-Urbana Weather Highlights – October 2010

Jim Angel, State Climatologist

October was warmer and drier than normal.

Temperatures

One October 9, the high of 86 °F tied the previous record on that date, last set in 1949. While the average low temperature for October was near normal, the average high temperature for the month was 4.3 °F above normal and the 19th warmest on record. The average mean temperature for October was 2.1 °F and the 30th warmest on record.

Precipitation

The precipitation total for October was 1.10 inches, 1.71 inches below normal and the 13th driest October on record. That is in strong contrast to last October, which was the 2nd wettest on record with 8.79 inches. The driest October on record was 1964 with 0.16 inches.

Additional Information

For detailed rainfall reports in Champaign County, check out the new volunteer rain gauge network in Illinois called the Community Collaborative Rain, Hail, and Snow Network (CoCoRaHS) at http://www.cocorahs.org/.

Detailed monthly reports from the ISWS automated site are at http://www.isws.illinois.edu/warm/data/2010/October/Champaign.txt.

For more information on the climate of Illinois, visit the state climatologist web site at http://www.isws.illinois.edu/atmos/statecli/.

Also, check out the new state climatologist blog at http://climateillinois.wordpress.com/

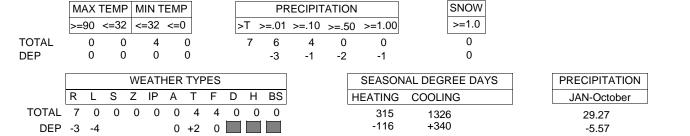
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October 2010

water Surve	y Kese	arcii	Lenter				October 20					
	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER	WIND			DEGREE DAYS	
DATE	Max	Min	Mean		Amnt	Depth	TYPES	Dir Spe (mp		Peak Gust Gust Dir	Heat	Cool
1	74	47	61	0.00	0.0	0	F(AM)		М	M	4	0
2	59	45	52	0.18	0.0	0	RW,F(AM)		Μ	M	13	0
3	60	42	51	0.03	0.0	0	RW-		Μ	M	14	0
4	61	37	49	0.00	0.0	0			Μ	M	16	0
5	69	36	53	0.00	0.0	0			Μ	M	12	0
6	78	43	61	0.00	0.0	0			Μ	M	4	0
7	79	52	66	0.00	0.0	0			M	M	0	1
8	81	42	62	0.00	0.0	0			M	M	3	0
9	86	47	67	0.00	0.0	0			M	M	0	2
10	85	51	68	0.00	0.0	0			M	M	0	3
11	83	55	69	0.00	0.0	0			M	M	0	4
12	81	55	68	0.00	0.0	0			M	M	0	3
13	63	51	57	0.00	0.0	0			M	M	8	0
14	67	39	53	0.28	0.0	0	RW,T		M	M	12	0
15	64	43	54	0.00	0.0	0			M	M	11	0
16	73	38	56	0.00	0.0	0			M	M	9	0
17	73	46	60	0.00	0.0	0			M	M	5	0
18	60	42	51	0.00	0.0	0			M	M	14	0
19	64	37	51	T	0.0	0	RW-		M	M	14	0
20	70	36	53	0.00	0.0	0			M	M	12	0
21	60	37	49	0.00	0.0	0			M	M	16	0
22	69	31	50	0.00	0.0	0			M	M	15	0
23	81	54	68	0.00	0.0	0			M	M	0	3
24	78	56	67	0.07	0.0	0	TRW		M	M	0	2
25	76	53	65	0.16	0.0	0	T,RW-,F(AM)		M	M	0	0
26	71	49	60	0.38	0.0	0	T,RW,RW+,RW-		М	M	5	0
27	67	47	57	0.00	0.0	0			М	M	8	0
28	47	32	40	0.00	0.0	0			М	M	25	0
29	54	26	40	0.00	0.0	0	F(AM)		М	M	25	0
30	64	32	48	0.00	0.0	0			М	M	17	0
31	56	38	47	0.00	0.0	0			M	М	18	0
AVG/TOT	69.5	43.2	56.4	1.10	0.0						280	18
DEP.	+4.3	-0.1	+2.1	-1.71	-0.1			SW			-66	+9

NUMBER OF DAYS and DEPARTURE



Averages based on 1971-2000 data.

Temp midnight-midnight, Precip and Snow at 7 am LST

M = Missing

Moderate

Precip amount "T" =Trace

- Light

+ Heavy

WEATHER TYPES:

R = Rain

L = Drizzle

S = Snow

Z = Freezing rain/drizzle D = Dust IP = Ice pellets (sleet) H = Haze

A = Hail BS = Blowing snow

T = Thunder F = Fog RW = Rainshower SW = Snowshower

DEGREE DAYS Heat and Cool base 65F. Corn Growing base 50F, ceiling 86F. Heating DD season July-June. Cool and Corn DD season January-December.

PRECIP INTENSITY