



Champaign-Urbana Weather Highlights – April 2010

Jim Angel, State Climatologist

Temperatures for April were much above normal. The daily temperature ranged from a high of 84 °F on April 14 to a low of 31 °F on April 9. The only day below freezing was April 9. The monthly average maximum temperature for April was 70.4 °F and ranks as the warmest on record. The monthly average minimum temperature was 45.7 °F and ranks as the 6th warmest on record. The monthly average mean temperature was 58.1 °F and the 3rd warmest on record. The records for April go back to 1889.

Precipitation for April was 2.08 inches, 1.57 inches below normal. This was the 25th driest April on record. The year-to-date precipitation is 7.84 inches, 2.92 inches below normal.

Corrected on June 3, 2010, after I discovered that I used the word March instead of April in two places.

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/>.

For more information on the climate of Illinois, visit our web site at

<http://www.isws.illinois.edu/atmos/statecli/>.

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Local Climatological Data

Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

April 2010

DATE	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER TYPES	WIND				DEGREE DAYS		
	Max	Min	Mean		Amnt	Depth		Dir	Speed (mph)	Peak Gust	Gust Dir	Heat	Cool	Corn
1	82	47	65	0.00	0.0	0			M	M		0	0	16
2	78	54	66	0.00	0.0	0			M	M		0	1	16
3	60	42	51	0.39	0.0	0	RW		M	M		14	0	5
4	75	41	58	0.27	0.0	0	RW,T,A		M	M		7	0	13
5	73	53	63	T	0.0	0	RW-,F(AM)		M	M		2	0	13
6	81	57	69	0.02	0.0	0	F(AM),T,RW, tied r		M	M		0	4	19
7	70	48	59	0.01	0.0	0	R-		M	M		6	0	10
8	53	36	45	0.15	0.0	0	RW-,T		M	M		20	0	2
9	60	31	46	0.00	0.0	0			M	M		19	0	5
10	74	38	56	0.00	0.0	0			M	M		9	0	12
11	78	45	62	0.00	0.0	0			M	M		3	0	14
12	78	48	63	0.00	0.0	0			M	M		2	0	14
13	83	48	66	0.00	0.0	0			M	M		0	1	17
14	84	51	68	0.00	0.0	0			M	M		0	3	18
15	82	52	67	0.00	0.0	0			M	M		0	2	17
16	69	53	61	0.00	0.0	0			M	M		4	0	11
17	61	37	49	0.01	0.0	0			M	M		16	0	6
18	62	39	51	0.00	0.0	0			M	M		14	0	6
19	62	38	50	0.00	0.0	0			M	M		15	0	6
20	68	44	56	0.00	0.0	0			M	M		9	0	9
21	73	40	57	0.00	0.0	0			M	M		8	0	12
22	73	43	58	0.08	0.0	0	F(AM),RW-		M	M		7	0	12
23	59	55	57	0.01	0.0	0	F(AM),RW-		M	M		8	0	7
24	69	56	63	0.19	0.0	0	RW-,RW		M	M		2	0	13
25	61	50	56	0.30	0.0	0	RW-,TRW		M	M		9	0	6
26	65	48	57	0.65	0.0	0	RW		M	M		8	0	8
27	62	39	51	0.00	0.0	0			M	M		14	0	6
28	65	33	49	0.00	0.0	0			M	M		16	0	8
29	76	44	60	0.00	0.0	0			M	M		5	0	13
30	77	60	69	0.00	0.0	0			M	M		0	4	19
AVG/TOT	70.4	45.7	58.1	2.08	0.0							217	15	333
DEP.	+8.2	+4.9	+6.6	-1.57	-0.5				S			-195	+7	+127

NUMBER OF DAYS and DEPARTURE

	MAX TEMP		MIN TEMP		PRECIPITATION					SNOW
	>=90	<=32	<=32	<=0	>	>=.01	>=.10	>=.50	>=1.00	>=1.0
TOTAL	0	0	1	0	12	11	6	1	0	0
DEP	0	0	-4	0	-1	-2	-1	-1		0

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-April
TOTAL	11	0	0	0	0	1	4	4	0	0	0	5585	15	428	7.84
DEP	-2	-4	-2			0	-1	+1				-78	+7	+121	-2.92

Averages based on 1971-2000 data.

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

M = Missing

WEATHER TYPES:

R = Rain Z = Freezing rain/drizzle D = Dust
 L = Drizzle IP = Ice pellets (sleet) H = Haze
 S = Snow A = Hail BS = Blowing snow
 T = Thunder F = Fog RW = Rainshower SW = Snowshower

PRECIP INTENSITY

- Light Precip amount "T" = Trace
 Moderate
 + Heavy

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.