



Champaign-Urbana Weather Highlights – April 2009

Jim Angel, state climatologist

Temperatures ranged from a high of 82°F on April 25-26 to a low of 29°F on April 7-8. April temperatures finished 1.3°F below normal. Unless we get an unwelcome surprise in May, the last freezing temperature of spring was reported on April 12.

Precipitation for April was 6.94 inches, 3.29 inches above normal, and the 8th wettest April on record. April precipitation records go back to 1889.

Additional Information

Additional information for April can be found at the Illinois Climate Network site that is collocated with our cooperative weather observer site at:

<http://www.sws.uiuc.edu/warm/data/2009/April/Champaign.txt>.

For detailed rainfall reports, check out the new volunteer raingage network in Illinois called the Community Collaborative Rain, Hail and Snow Network (CoCoRaHS) at:

<http://www.cocorahs.com/>.

For more information on the climate of Illinois, visit the 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 2009

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	58	34	46	0.30	0.0	0	RW-		M	M		19	0	4
2	66	41	54	T	0.0	0	RW-		M	M		11	0	8
3	53	37	45	0.73	0.0	0	RW		M	M		20	0	2
4	59	31	45	0.00	0.0	0			M	M		20	0	5
5	54	32	43	0.05	0.0	0	RW-,T		M	M		22	0	2
6	39	30	35	0.61	0.4	T	RW,T,SW-		M	M		30	0	0
7	47	29	38	T	T	0	SW-,RW-,GS		M	M		27	0	0
8	56	29	43	0.00	0.0	0			M	M		22	0	3
9	58	31	45	0.00	0.0	0			M	M		20	0	4
10	47	35	41	0.47	0.0	0	RW-,RW		M	M		24	0	0
11	54	33	44	0.00	0.0	0			M	M		21	0	2
12	59	31	45	0.00	0.0	0			M	M		20	0	5
13	47	39	43	0.70	0.0	0	RW-,RW,RW+		M	M		22	0	0
14	42	38	40	0.18	0.0	0	RW-.F(PM)		M	M		25	0	0
15	56	35	46	0.00	0.0	0			M	M		19	0	3
16	66	40	53	0.00	0.0	0			M	M		12	0	8
17	72	42	57	0.00	0.0	0			M	M		8	0	11
18	71	47	59	0.00	0.0	0			M	M		6	0	11
19	58	50	54	0.26	0.0	0	RW-		M	M		11	0	4
20	58	41	50	0.71	0.0	0	RW-		M	M		15	0	4
21	48	36	42	0.18	0.0	0	RW-,A,T		M	M		23	0	0
22	66	34	50	0.04	0.0	0	RW-		M	M		15	0	8
23	71	40	56	0.00	0.0	0			M	M		9	0	11
24	81	55	68	T	0.0	0	RW-		M	M		0	3	18
25	82	61	72	0.00	0.0	0			M	M		0	7	22
26	82	62	72	0.00	0.0	0			M	M		0	7	22
27	76	59	68	0.00	0.0	0			M	M		0	3	18
28	60	50	55	1.85	0.0	0	RW+,RW,RW-,T,F		M	M		10	0	5
29	69	52	61	0.02	0.0	0	RW-,F(AM,PM)		M	M		4	0	11
30	72	59	66	0.84	0.0	0	RW-,T		M	M		0	1	16
AVG/TOT	60.9	41.1	51.0	6.94	0.4							435	21	207
DEP.	-1.3	+0.3	-0.5	+3.29	-0.1				S			+23	+13	+1

NUMBER OF DAYS and DEPARTURE

	MAX TEMP		MIN TEMP		PRECIPITATION					SNOW
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00	>=1.0
TOTAL	0	0	7	0	17	14	11	6	1	0
DEP	0	0	+2	0	+2	+3	+4	0	0	0

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-April
TOTAL	17	0	2	0	1	1	5	3	0	0	0	5779	21	372	11.92
DEP	+4	-4	0		0	0	0					+116	+13	+65	+1.16

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.