



## 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 8<sup>th</sup> 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
<b>AVG/TOT</b>	<b>60.9</b>	<b>41.1</b>	<b>51.0</b>	<b>6.94</b>	<b>0.4</b>							<b>435</b>	<b>21</b>	<b>207</b>
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	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.