



## Champaign-Urbana Weather Highlights – May 2009

Jim Angel, state climatologist

**Temperatures** ranged from a high of 86°F on May 22 and 24 to a low of 42°F on May 17-18. May temperatures finished 0.6°F above normal.

**Precipitation** for May was 5.71 inches, 0.91 inches above normal. Spring rainfall (March, April, and May) was 15.27 inches, 3.61 inches above normal and the 15<sup>th</sup> wettest spring on record. Spring precipitation records go back to 1889.

### Additional Information

Additional information for May 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/May/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

**May 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	63	46	55	0.43	0.0	0	RW,RW-		M	M		10	0	7
2	64	46	55	0.15	0.0	0	RW-		M	M		10	0	7
3	68	46	57	0.00	0.0	0			M	M		8	0	9
4	71	48	60	0.00	0.0	0			M	M		5	0	11
5	73	51	62	0.00	0.0	0			M	M		3	0	12
6	69	56	63	0.00	0.0	0			M	M		2	0	13
7	80	55	68	0.01	0.0	0	RW-,F(AM)		M	M		0	3	18
8	70	56	63	0.54	0.0	0	RW+,T,RW-,RW,		M	M		2	0	13
9	68	51	60	0.08	0.0	0	RW-		M	M		5	0	10
10	69	44	57	0.00	0.0	0			M	M		8	0	10
11	68	47	58	T	0.0	0	RW-		M	M		7	0	9
12	72	45	59	0.00	0.0	0			M	M		6	0	11
13	72	54	63	0.99	0.0	0	TRW+, TRW-		M	M		2	0	13
14	71	52	62	1.44	0.0	0	TRW,RW-		M	M		3	0	12
15	77	51	64	T	0.0	0			M	M		1	0	14
16	62	47	55	1.14	0.0	0	TRW,A,RW-		M	M		10	0	6
17	63	42	53	T	0.0	0	RW-		M	M		12	0	7
18	68	42	55	0.00	0.0	0			M	M		10	0	9
19	77	47	62	0.00	0.0	0			M	M		3	0	14
20	82	52	67	0.00	0.0	0			M	M		0	2	17
21	85	54	70	0.00	0.0	0			M	M		0	5	20
22	86	63	75	0.00	0.0	0			M	M		0	10	25
23	85	61	73	0.00	0.0	0			M	M		0	8	23
24	86	61	74	0.01	0.0	0	RW-		M	M		0	9	24
25	69	61	65	T	0.0	0	RW-		M	M		0	0	15
26	81	62	72	0.32	0.0	0	RW-		M	M		0	7	22
27	81	66	74	0.04	0.0	0	RW-,H		M	M		0	9	24
28	68	58	63	0.44	0.0	0	RW-		M	M		2	0	13
29	80	56	68	0.03	0.0	0	RW-		M	M		0	3	18
30	82	54	68	0.00	0.0	0			M	M		0	3	18
31	80	56	68	0.09	0.0	0	RW-,T		M	M		0	3	18
<b>AVG/TOT</b>	<b>73.9</b>	<b>52.6</b>	<b>63.3</b>	<b>5.71</b>	<b>0.0</b>							<b>109</b>	<b>62</b>	<b>442</b>
DEP.	+0.3	+0.8	+0.6	+0.91	0.0				S			-34	-8	+14

### 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	0	0	18	14	8	4	2				0	
DEP	-1	0	0	0	+3	0	+1	0	0				0	

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-May
TOTAL	17	0	0	0	0	1	5	1	0	1	0	5888	83	814	17.63
DEP	+4	-3	0	0	0	-1	-2	■	■	■		+82	+5	+79	+2.07

**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.