



## Champaign-Urbana Weather Highlights – May 2010

Jim Angel, State Climatologist

May was a relatively quiet month with temperatures slightly above normal and precipitation slightly below normal.

**Temperatures** for May were above normal. The daily temperature ranged from a high of 90 °F on May 24, 29, and 30 to a low of 34 °F on May 9. While temperatures were slightly above freezing at our site, rural areas may have experienced freezing temperatures on May 9. Willard Airport reported a low of 31 °F and the ISWS automated station just south of Bondville reported a low 30 °F.

**Precipitation** for May was 3.41 inches, 1.39 inches below normal. The year-to-date precipitation is 11.25 inches, 4.31 inches below normal.

### 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 at our location can be found at <http://www.isws.illinois.edu/warm/data/2010/May/Champaign.txt>.

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

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

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# Local Climatological Data

## Champaign-Urbana, IL - 118740

Illinois State Water Survey  
Water Survey Research Center

**May 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	74	63	69	0.12	0.0	0	RW-		M	M		0	4	19
2	71	54	63	0.78	0.0	0	RW,T		M	M		2	0	13
3	75	49	62	0.00	0.0	0	F(AM)		M	M		3	0	13
4	77	46	62	0.04	0.0	0	RW-,T		M	M		3	0	14
5	79	57	68	0.00	0.0	0			M	M		0	3	18
6	73	47	60	0.00	0.0	0			M	M		5	0	12
7	78	51	65	0.00	0.0	0			M	M		0	0	15
8	51	40	46	T	0.0	0	R-		M	M		19	0	1
9	61	34	48	0.00	0.0	0			M	M		17	0	6
10	63	42	53	0.00	0.0	0			M	M		12	0	7
11	69	48	59	0.90	0.0	0	RW,T		M	M		6	0	10
12	69	52	61	0.19	0.0	0	TRW-		M	M		4	0	11
13	81	58	70	0.11	0.0	0	RW-,H		M	M		0	5	20
14	69	51	60	0.02	0.0	0	RW-		M	M		5	0	10
15	67	48	58	0.00	0.0	0			M	M		7	0	9
16	62	53	58	0.02	0.0	0	RW-		M	M		7	0	8
17	56	49	53	0.48	0.0	0	RW		M	M		12	0	3
18	64	51	58	0.33	0.0	0	RW-		M	M		7	0	8
19	72	51	62	0.00	0.0	0			M	M		3	0	12
20	62	51	57	0.00	0.0	0			M	M		8	0	7
21	72	59	66	0.31	0.0	0	RW-,F(AM)		M	M		0	1	16
22	79	58	69	0.06	0.0	0	RW,F(AM)		M	M		0	4	19
23	89	60	75	0.00	0.0	0			M	M		0	10	23
24	90	68	79	0.00	0.0	0			M	M		0	14	27
25	88	66	77	0.00	0.0	0	T		M	M		0	12	26
26	89	65	77	0.00	0.0	0	H		M	M		0	12	26
27	84	65	75	0.02	0.0	0	T,RW-,H		M	M		0	10	25
28	85	58	72	0.00	0.0	0			M	M		0	7	22
29	90	63	77	0.00	0.0	0			M	M		0	12	25
30	90	66	78	0.00	0.0	0			M	M		0	13	26
31	86	65	76	0.03	0.0	0	RW		M	M		0	11	26
<b>AVG/TOT</b>	<b>74.7</b>	<b>54.5</b>	<b>64.6</b>	<b>3.41</b>	<b>0.0</b>							<b>120</b>	<b>118</b>	<b>477</b>
DEP.	+1.1	+2.7	+1.9	-1.39	0.0				S			-23	+48	+49

### NUMBER OF DAYS and DEPARTURE

	MAX TEMP				MIN TEMP				PRECIPITATION					SNOW
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00				>=1.0	
TOTAL	3	0	0	0	15	14	8	2	0				0	
DEP	+2	0	0	0	+3	0	-1	-2				0		

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION		
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-May	
TOTAL	15	0	0	0	0	0	6	3	0	3	0	5705	133	905	11.25	
DEP	+2	-3	0	-1	0	0	■	■	■				-101	+55	+170	-4.31

**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.