

## 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 <a href="http://www.cocorahs.org/">http://www.cocorahs.org/</a>.

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 <a href="http://climateillinois.wordpress.com/">http://climateillinois.wordpress.com/</a>.

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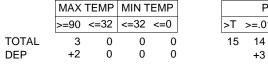
Email: jimangel@illinois.edu

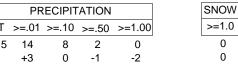
Illinois State Water Survey Water Survey Research Center

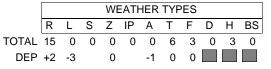
May 2010

	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER	WIND		DEGREE DA		AYS
DATE	Max	Min	Mean		Amnt	Depth	TYPES	Dir Speed (mph)	Peak Gust Gust Dir	Heat	Cool	Corn
1	74	63	69	0.12	0.0	0	RW-	М	М	0	4	19
2	71	54	63	0.78	0.0	0	RW,T	M	М	2	0	13
3	75	49	62	0.00	0.0	0	F(AM)	M	М	3	0	13
4	77	46	62	0.04	0.0	0	RW-,T	M	М	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	Т	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	Ş
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	Н	M	М	0	12	26
27	84	65	75	0.02	0.0	0	T,RW-,H	М	М	0	10	25
28	85	58	72	0.00	0.0	0		M	М	0	7	22
29	90	63	77	0.00	0.0	0		М	М	0	12	25
30	90	66	78	0.00	0.0	0		M	М	0	13	26
31	86	65	76	0.03	0.0	0	RW	М	М	0	11	26
AVG/TOT	74.7	54.5	64.6	3.41	0.0					120	118	47
DEP.	+1.1	+2.7	+1.9	-1.39	0.0			S		-23	+48	+49

## **NUMBER OF DAYS and DEPARTURE**







SEASONAL DEGREE DAYS							
HEATING	COOLING	CORN					
5705	133	905					
-101	+55	+170					

PRECIPITATION					
JAN-May					
11.25					
-4.31					

Averages based on 1971-2000 data.

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

M = Missing

**WEATHER TYPES:** 

R = Rain

L = Drizzle

Z = Freezing rain/drizzle D = Dust IP = Ice pellets (sleet) H = Haze

BS = Blowing snow

S = Snow A = HailT = 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.