

## Local Climatological Data Champaign-Urbana, IL - 118740

Illinois State Water Survey  
Water Survey Research Center

**May 2007**

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	84	60	72	0.00	0.0	0	H(AM)	W	6.7	23.6	W	0	7	22
2	72	57	65	0.06	0.0	0	TRW-, H(AM)	NE	3.6	13.8	NE	0	0	15
3	72	55	64	0.00	0.0	0		E	3.1	12.0	NE	1	0	14
4	68	55	62	T	0.0	0	RW-	SE	3.5	16.1	SE	3	0	12
5	78	59	69	0.04	0.0	0	RW-, F(AM)	E	2.6	11.7	E	0	4	19
6	76	52	64	0.00	0.0	0		E	3.6	17.0	SE	1	0	14
7	86	46	66	0.00	0.0	0		S	4.1	13.6	S	0	1	18
8	87	63	75	0.00	0.0	0		W	3.0	13.7	W	0	10	25
9	84	64	74	T	0.0	0	RW-	NW	2.5	11.8	W	0	9	24
10	85	57	71	0.01	0.0	0	RW-	N	2.0	9.1	NW	0	6	21
11	85	53	69	0.00	0.0	0		NE	2.8	16.1	NE	0	4	19
12	81	50	66	0.00	0.0	0		N	5.9	17.4	N	0	1	16
13	78	47	63	0.00	0.0	0		SE	3.0	12.1	NE	2	0	14
14	88	50	69	0.00	0.0	0		SW	4.9	16.8	SW	0	4	18
15	88	57	73	0.00	0.0	0		SW	6.6	38.3	W	0	8	22
16	69	52	61	0.41	0.0	0	TRW, RW-	N	5.7	16.8	N	4	0	11
17	60	43	52	0.00	0.0	0		N	5.5	17.1	NE	13	0	5
18	72	38	55	0.00	0.0	0		N	1.6	9.9	N	10	0	11
19	79	43	61	0.00	0.0	0		W	5.7	19.4	W	4	0	15
20	84	53	69	0.00	0.0	0		W	4.0	14.2	W	0	4	19
21	85	52	69	0.00	0.0	0		S	2.7	12.0	S	0	4	19
22	88	55	72	0.00	0.0	0		S	3.7	15.2	S	0	7	21
23	90	58	74	0.00	0.0	0		S	4.4	21.6	SW	0	9	22
24	89	58	74	0.00	0.0	0		S	6.3	24.0	S	0	9	22
25	77	60	69	0.03	0.0	0	TRW-, H(PM)	N	2.3	12.2	W	0	4	19
26	82	62	72	0.02	0.0	0	RW-	SW	3.7	25.3	NW	0	7	22
27	77	63	70	0.13	0.0	0	TRW-, H(AM)	W	2.9	11.6	W	0	5	20
28	81	63	72	0.93	0.0	0	TRW+, F(AM)	SE	1.6	7.2	SE	0	7	22
29	89	64	77	T	0.0	0	RW-, H	SE	2.4	10.5	S	0	12	25
30	88	64	76	0.00	0.0	0		S	3.3	20.0	SW	0	11	25
31	79	65	72	0.00	0.0	0		S	3.3	15.2	SW	0	7	22
<b>AVG/TOT</b>	<b>80.7</b>	<b>55.4</b>	<b>68.1</b>	<b>1.63</b>	<b>0.0</b>			<b>S</b>	<b>3.8</b>			<b>38</b>	<b>140</b>	<b>573</b>
DEP.	+7.1	+3.6	+5.4	-3.17	0.0			S	-2.5			-105	+70	+145

### NUMBER OF DAYS and DEPARTURE

	MAX TEMP				MIN TEMP				PRECIPITATION					SNOW
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00				>=1.0	
TOTAL	1	0	0	0	11	8	3	1	0				0	
DEP	0	0	0	0	-3	-5	-2	-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	11	0	0	0	0	0	5	1	0	5	0	5454	164	1012	11.39	
DEP	-2	-3	0	-1	-1	-2	■	■	■				-352	+86	+277	-4.17

**Averages based on 1971-2000 data.** Temp midnight-midnight, Precip and Snow at 8 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.

**WIND:** DIR is the 24 hr prevailing direction (greatest number of hours). Speed is the daily average of 24 hourly average wind speeds.

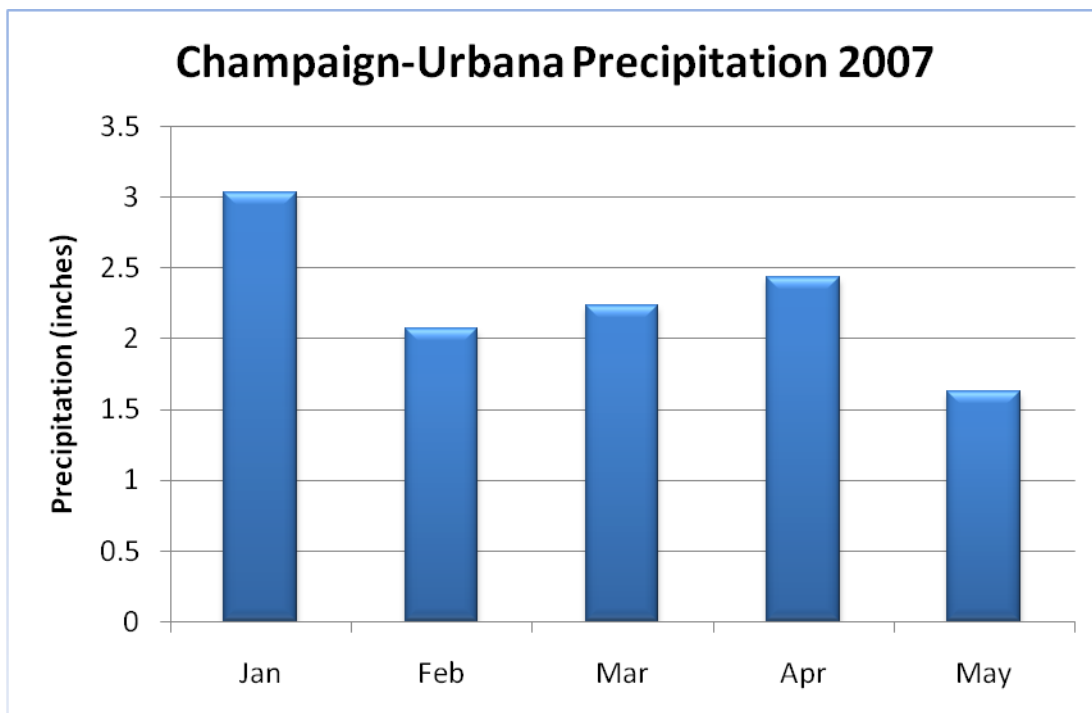
## Champaign-Urbana Weather Highlights – May 2007

### ILLINOIS STATE WATER SURVEY

Jim Angel, State Climatologist  
2204 Griffith Drive  
Champaign, IL 61820  
[jimangel@uiuc.edu](mailto:jimangel@uiuc.edu)

**Temperature** – ranged from 38°F on May 18 to 90°F on May 23. The average mean temperature was 68.1°F, 5.4°F above normal and the 7<sup>th</sup> warmest May on record. The average high temperature was 80.7°F, 7.1°F above normal and the 4<sup>th</sup> warmest May on record. The average low temperature was 55.4°F, 3.6°F above normal and the 12<sup>th</sup> warmest May on record. Weather records for May in Champaign-Urbana go back to 1889.

**Precipitation** – no daily records were set this month. The monthly precipitation total of 1.63” was 3.77” below normal and the 17<sup>th</sup> driest May on record.



### Additional Information

Additional information for May can be found at the Illinois Climate Network site that is collocated with our cooperative weather observer site. This automated station collects temperature, wind, soil temperature, evaporation, humidity, and solar radiation data. These data are usually posted several days after the end of the month at: <http://www.sws.uiuc.edu/warm/data/2007/May/Champaign.txt>

JRA

The daily climate statistics are available by touch-tone phone. Call 333-8890 and select menu option 1. The recording is updated daily Monday through Friday by 8:30 a.m. For this and other climate data, visit the State Climatologist web site at <http://www.sws.uiuc.edu/atmos/statecli/>