

Local Climatological Data  
Champaign-Urbana, IL - 118740

Illinois State Water Survey  
Water Survey Research Center

May 2008

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	72	49	61	0.00	0.0	0			M	M		4	0	11
2	74	53	64	0.06	0.0	0	T-storms		M	M		1	0	14
3	56	41	49	0.10	0.0	0			M	M		16	0	3
4	67	37	52	0.00	0.0	0			M	M		13	0	9
5	76	43	60	0.00	0.0	0			M	M		5	0	13
6	82	48	65	0.00	0.0	0			M	M		0	0	16
7	69	60	65	T	0.0	0			M	M		0	0	15
8	61	48	55	0.90	0.0	0			M	M		10	0	6
9	62	48	55	0.19	0.0	0			M	M		10	0	6
10	68	41	55	T	0.0	0			M	M		10	0	9
11	55	46	51	0.79	0.0	0			M	M		14	0	3
12	64	43	54	0.14	0.0	0			M	M		11	0	7
13	69	44	57	0.00	0.0	0			M	M		8	0	10
14	64	52	58	0.31	0.0	0	T-storms		M	M		7	0	8
15	56	47	52	0.04	0.0	0			M	M		13	0	3
16	68	45	57	0.98	0.0	0			M	M		8	0	9
17	79	52	66	0.00	0.0	0			M	M		0	1	16
18	65	46	56	T	0.0	0			M	M		9	0	8
19	61	42	52	0.00	0.0	0			M	M		13	0	6
20	62	45	54	0.46	0.0	0			M	M		11	0	6
21	67	45	56	0.00	0.0	0			M	M		9	0	9
22	72	45	59	0.00	0.0	0			M	M		6	0	11
23	58	48	53	T	0.0	0			M	M		12	0	4
24	71	46	59	0.49	0.0	0	T-storms		M	M		6	0	11
25	73	52	63	T	0.0	0			M	M		2	0	13
26	79	63	71	0.16	0.0	0			M	M		0	6	21
27	67	46	57	0.01	0.0	0			M	M		8	0	9
28	70	46	58	0.04	0.0	0			M	M		7	0	10
29	79	47	63	0.00	0.0	0			M	M		2	0	15
30	86	56	71	0.00	0.0	0			M	M		0	6	21
31	82	65	74	1.40	0.0	0	Severe T-storms		M	M		0	9	24
<b>AVG/TOT</b>	<b>68.8</b>	<b>48.0</b>	<b>58.4</b>	<b>6.07</b>	<b>0.0</b>							<b>215</b>	<b>22</b>	<b>326</b>
DEP.	-4.8	-3.8	-4.3	+1.27	0.0				S			+72	-48	-102

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	20	15	11	4	1	0
DEP	-1	0	0	0	+4	+3	+1	-1		0

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-May
TOTAL	14	0	0	0	0	0	4	0	0	0	0	5771	29	618	20.19
DEP	+1	-3		0	-1	-2	-3					-35	-49	-117	+4.63

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 2008

### ILLINOIS STATE WATER SURVEY

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**Temperatures** ranged from a high of 86°F on May 30 to a low of 37°F on May 4. The monthly maximum temperature was 68.8 °F, 4.8 degrees below normal and the 17<sup>th</sup> coolest on record. The monthly minimum temperature was 48.0 °F, 3.8 degrees below normal the 16<sup>th</sup> coolest on record. The monthly mean temperature was 58.4 °F, 4.3 degrees below normal and the 11<sup>th</sup> coolest on record.

**Precipitation** for May was 6.07 inches, 1.27 inches above normal and the 20<sup>th</sup> wettest 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. Usually, these data are posted several days after the end of the month at: <http://www.sws.uiuc.edu/warm/data/2008/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/> .

*JRA*

For this and other climate data, visit the State Climatologist web site at <http://www.sws.uiuc.edu/atmos/statecli/>