

Local Climatological Data  
Champaign-Urbana, IL - 118740

Illinois State Water Survey  
Water Survey Research Center

June 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	88	61	75	0.02	0.0	0	RW-, F(AM)	S	3.2	14.3	SW	0	10	24
2	85	65	75	0.00	0.0	0		SW	4.2	17.8	NW	0	10	25
3	79	62	71	0.11	0.0	0	TRW-	W	5.5	18.5	W	0	6	21
4	75	59	67	T	0.0	0	RW-	N	5.4	23.2	W	0	2	17
5	75	53	64	0.35	0.0	0	RW	NE	2.7	13.7	N	1	0	14
6	84	49	67	T	0.0	0	RW-	S	3.6	14.1	S	0	2	17
7	92	69	81	0.00	0.0	0		S	9.0	27.6	S	0	16	28
8	80	64	72	0.00	0.0	0		NW	5.8	20.8	SW	0	7	22
9	81	54	68	0.00	0.0	0		CALM	1.7	9.2	W	0	3	18
10	82	55	69	0.00	0.0	0		SE	1.7	9.8	SE	0	4	19
11	88	59	74	0.00	0.0	0		SE	1.9	10.5	E	0	9	23
12	88	62	75	0.00	0.0	0		NE	2.6	13.7	NE	0	10	24
13	90	65	78	0.00	0.0	0		NE	2.5	13.8	E	0	13	26
14	93	68	81	0.00	0.0	0		NE	2.2	11.5	SE	0	16	27
15	92	66	79	0.00	0.0	0			M	M		0	14	26
16	94	66	80	0.00	0.0	0			M	M		0	15	26
17	94	70	82	0.00	0.0	0	H	W	135.0	14.6	W	0	17	28
18	88	65	77	0.00	0.0	0	H	S	3.5	14.8	SW	0	12	26
19	84	68	76	0.26	0.0	0	RW-, TRW	NW	3.7	17.0	W	0	11	26
20	85	60	73	0.00	0.0	0		N	2.3	12.5	W	0	8	23
21	90	57	74	0.00	0.0	0		W	3.0	16.9	NW	0	9	22
22	79	62	71	0.70	0.0	0	TRW+, RW		M	M		0	6	21
23	74	64	69	0.93	0.0	0	TRW,RW+,F(AM)		M	M		0	4	19
24	82	67	75	0.82	0.0	0	TRW+, H	SE	2.0	9.3	SW	0	10	25
25	85	66	76	0.00	0.0	0	F(AM)	SE	1.7	7.5	SE	0	11	26
26	86	69	78	0.01	0.0	0	RW-, H(AM)	S	2.9	22.1	S	0	13	28
27	87	70	79	1.34	0.0	0	TRW+,TRW-	SW	4.0	19.5	W	0	14	28
28	76	62	69	0.35	0.0	0	TRW, RW-	W	3.4	18.4	W	0	4	19
29	76	58	67	0.79	0.0	0	RW		M	M		0	2	17
30	81	60	71	0.00	0.0	0			M	M		0	6	21
<b>AVG/TOT</b>	<b>84.4</b>	<b>62.5</b>	<b>73.5</b>	<b>5.68</b>	<b>0.0</b>			<b>SW</b>	<b>2.6</b>			<b>1</b>	<b>264</b>	<b>686</b>
DEP.	+1.8	+1.6	+1.7	+1.47	0.0			SW	-2.9			-18	+46	+52

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	0	0	0	0	0	0				
DEP	-6	0	0	0	-10	-6	-3	-1		0				

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-June
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	436	1736	17.07
DEP	-11	-3		0	-1	-6	-2					-5825	+140	+367	-7.37

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.

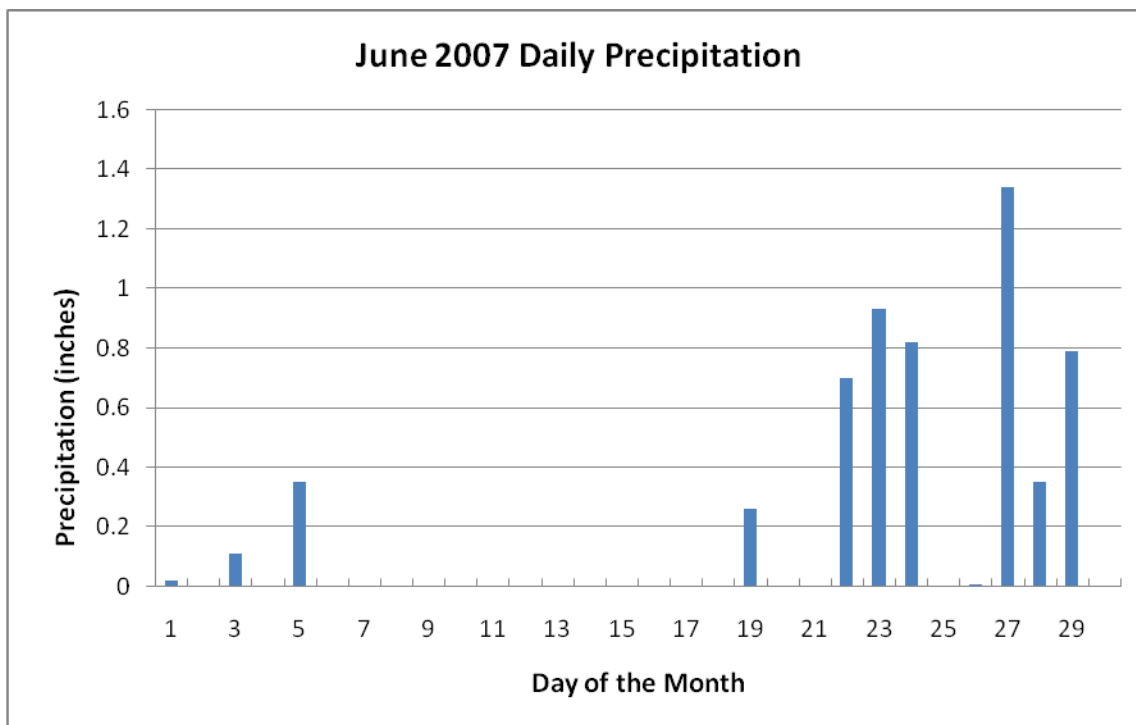
# Champaign-Urbana Weather Highlights – June 2007

## ILLINOIS STATE WATER SURVEY

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**Temperature** – ranged from 49°F on June 6 to 94°F on June 16 and 17. While monthly average mean, high and low temperatures were above normal for the month, none of them were exceptionally warm. Weather records for June in Champaign-Urbana go back to 1889.

**Precipitation** – no daily records were set this month. The monthly precipitation total of 5.68” was 1.47” above normal. After below-normal precipitation in April and May, dry weather in the first 18 days of June really started to have an impact on crops, lawns, and gardens. A remarkable turnaround occurred late in the month when 4.94 inches fell in 8 days. The turnaround in vegetation was remarkable.



### Additional Information

Additional information for June 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/June/Champaign.txt>

For detailed rainfall reports, check out the new volunteer raingage network in Illinois called CoCoRaHS (Community Collaborative Rain, Hail and Snow Network at <http://www.cocorahs.com/> .

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/>