



## Champaign-Urbana Weather Highlights – June 2009

Jim Angel, state climatologist

**A problem developed with the temperature sensors during the period of June 12-24 that caused them to read 1 to 3 degrees warmer than nearby sites. The problem was traced to a water-logged splice in the cable from earlier damage caused by the mowing crew. While the cable was temporarily fixed on the morning of the 25th, we are working with the National Weather Service for a more permanent repair.**

**Precipitation** for June was 4.42 inches, 0.21 inches above normal.

### Additional Information

Additional information for June can be found at the Illinois Climate Network site that is collocated with our cooperative weather observer site at:

<http://www.sws.uiuc.edu/warm/data/2009/June/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/>.

For more information on the climate of Illinois, visit the web site at:

<http://www.isws.illinois.edu/atmos/statecli/>.

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

Illinois State Water Survey  
Water Survey Research Center

**June 2009**

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	91	60	76	0.00	0.0	0			M	M		0	11	23
2	84	61	73	0.05	0.0	0	TRW-,F(AM)		M	M		0	8	23
3	64	51	58	0.27	0.0	0	RW-,TRW		M	M		7	0	8
4	72	49	61	0.11	0.0	0	RW-		M	M		4	0	11
5	79	50	65	0.00	0.0	0			M	M		0	0	15
6	80	57	69	0.00	0.0	0			M	M		0	4	19
7	82	59	71	T	0.0	0			M	M		0	6	21
8	82	67	75	0.03	0.0	0	TRW-		M	M		0	10	25
9	79	62	71	0.06	0.0	0	RW-		M	M		0	6	21
10	85	64	75	T	0.0	0			M	M		0	10	25
11	77	62	70	1.05	0.0	0	TRW+		M	M		0	5	20
12	79	60	70	0.11	0.0	0	RW-		M	M		0	5	20
13	83	66	75	0.00	0.0	0			M	M		0	10	25
14	85	63	74	0.00	0.0	0			M	M		0	9	24
15	81	66	74	0.00	0.0	0			M	M		0	9	24
16	82	68	75	0.17	0.0	0	RW,H,RW-,F(AM)		M	M		0	10	25
17	89	69	79	0.04	0.0	0	RW-		M	M		0	14	28
18	89	67	78	1.13	0.0	0	TRW		M	M		0	13	27
19	93	72	83	0.02	0.0	0	TRW		M	M		0	18	29
20	90	71	81	0.78	0.0	0	TRW,A, damaging		M	M		0	16	29
21	90	76	83	0.00	0.0	0			M	M		0	18	31
22	94	75	85	0.48	0.0	0	RW-,RW,T		M	M		0	20	31
23	95	77	86	0.00	0.0	0			M	M		0	21	32
24	97	75	86	0.00	0.0	0			M	M		0	21	31
25	92	74	83	0.00	0.0	0			M	M		0	18	30
26	91	69	80	0.00	0.0	0			M	M		0	15	28
27	91	66	79	0.00	0.0	0			M	M		0	14	26
28	81	64	73	0.12	0.0	0	TRW-		M	M		0	8	23
29	82	60	71	0.00	0.0	0			M	M		0	6	21
30	75	58	67	0.00	0.0	0			M	M		0	2	17
<b>AVG/TOT</b>	<b>84.5</b>	<b>64.6</b>	<b>74.6</b>	<b>4.42</b>	<b>0.0</b>							<b>11</b>	<b>307</b>	<b>712</b>
DEP.	+1.9	+3.7	+2.8	+0.21	0.0					SW		-8	+89	+78

### NUMBER OF DAYS and DEPARTURE

	MAX TEMP				MIN TEMP				PRECIPITATION					SNOW	
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00						>=1.0
TOTAL	10	0	0	0	16	14	9	3	2						0
DEP	+4	0	0	0	+4	+3	0	+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	14	0	0	0	0	1	9	2	0	1	0	5899	390	1526	22.05
DEP	+3	-3		0	0	+3	0					+74	+94	+157	+2.28

**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.