

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

For more information on the climate of Illinois, visit the web site at: http://www.isws.illinois.edu/atmos/statecli/.

Contact Information: 2204 Griffith Drive Champaign, IL 61820-7495 Phone: 217-333-0729

Email: jimangel@illinois.edu

Illinois State Water Survey Water Survey Research Center

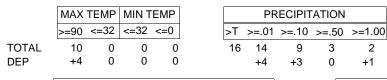
June 2009

	TEM	PERA	TURE	PRECIP (in)	SNC	W (in)	WEATHER		WI	IND	DEG	REE D	AYS
DATE	Max	Min	Mean		Amnt	Depth	TYPES	Dir Spe (mpl		Peak Gust Gust Dir	Heat	Cool	Corn
1	91	60	76	0.00	0.0	0			М	М	0	11	23
2	84	61	73	0.05	0.0	0	TRW-,F(AM)		М	M	0	8	23
3	64	51	58	0.27	0.0	0	RW-,TRW		Μ	M	7	0	8
4	72	49	61	0.11	0.0	0	RW-		М	M	4	0	11
5	79	50	65	0.00	0.0	0			Μ	M	0	0	15
6	80	57	69	0.00	0.0	0			М	M	0	4	19
7	82	59	71	Т	0.0	0			М	M	0	6	21
8	82	67	75	0.03	0.0	0	TRW-		Μ	M	0	10	25
9	79	62	71	0.06	0.0	0	RW-		М	M	0	6	21
10	85	64	75	Т	0.0	0			М	M	0	10	25
11	77	62	70	1.05	0.0	0	TRW+		Μ	M	0	5	20
12	79	60	70	0.11	0.0	0	RW-		М	M	0	5	20
13	83	66	75	0.00	0.0	0			М	M	0	10	25
14	85	63	74	0.00	0.0	0			М	M	0	9	24
15	81	66	74	0.00	0.0	0			М	M	0	9	24
16	82	68	75	0.17	0.0	0	RW,H,RW-,F(AM)		Μ	M	0	10	25
17	89	69	79	0.04	0.0	0	RW-		Μ	M	0	14	28
18	89	67	78	1.13	0.0	0	TRW		Μ	M	0	13	27
19	93	72	83	0.02	0.0	0	TRW		М	M	0	18	29
20	90	71	81	0.78	0.0	0	TRW,A, damaging		Μ	M	0	16	29
21	90	76	83	0.00	0.0	0			Μ	M	0	18	31
22	94	75	85	0.48	0.0	0	RW-,RW,T		Μ	M	0	20	31
23	95	77	86	0.00	0.0	0			Μ	M	0	21	32
24	97	75	86	0.00	0.0	0			Μ	M	0	21	31
25	92	74	83	0.00	0.0	0			Μ	M	0	18	30
26	91	69	80	0.00	0.0	0			М	M	0	15	28
27	91	66	79	0.00	0.0	0			М	M	0	14	26
28	81	64	73	0.12	0.0	0	TRW-		М	M	0	8	23
29	82	60	71	0.00	0.0	0			М	M	0	6	21
30	75	58	67	0.00	0.0	0			М	М	0	2	17
AVG/TOT	84.5	64.6	74.6	4.42	0.0						11	307	71:
DEP.	+1.9	+3.7	+2.8	+0.21	0.0			SW			-8	+89	+78

## **NUMBER OF DAYS and DEPARTURE**

2

+1





SNOW

>=1.0

0

	WEATHER TYPES										
	R	L	S	Z	ΙP	Α	Т	F	D	Н	BS
TOTAL	14	0	0	0	0	1	9	2	0	1	0
DEP	+3	-3		0		0	+3	0			

SEASONAL DEGREE DAYS									
HEATING	COOLING	CORN							
5899	390	1526							
+74	+94	+157							

PRECIP INTENSITY

PRECIPITATION JAN-June 22.05 +2.28

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 = DustIP = Ice pellets (sleet)

H = Haze

- Light Precip amount "T" =Trace Moderate

+ Heavy

S = SnowA = Hail BS = Blowing snow

RW = Rainshower SW = Snowshower T = ThunderF = Fog

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.