

# Local Climatological Data

## Champaign-Urbana, IL - 118740

Illinois State Water Survey  
Water Survey Research Center

**June 2006**

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	69	62	66	0.39	0.0	0	TRW	NE	3.3	11.1	N	0	1	16
2	81	60	71	0.13	0.0	0	RW-	N	2.3	14.8	N	0	6	21
3	81	56	69	0.07	0.0	0	RW-,TRW-	NE	2.3	14.6	NE	0	4	19
4	79	56	68	0.00	0.0	0	F(AM)	NE	2.9	11.5	SE	0	3	18
5	82	55	69	0.00	0.0	0		S	1.8	8.0	SE	0	4	19
6	82	55	69	0.00	0.0	0		SW	3.9	16.5	SW	0	4	19
7	87	63	75	T	0.0	0	RW-	N	4.5	19.4	NW	0	10	25
8	87	65	76	0.00	0.0	0		N	3.7	16.4	N	0	11	26
9	82	58	70	0.00	0.0	0			M	M		0	5	20
10	64	56	60	0.00	0.0	0			M	M		5	0	10
11	66	55	61	0.26	0.0	0	RW-,F(PM)	NE	3.2	10.6	NE	4	0	11
12	76	52	64	0.01	0.0	0	RW-	NE	4.0	11.4	N	1	0	14
13	79	54	67	0.00	0.0	0		NE	3.4	13.0	NE	0	2	17
14	84	56	70	0.00	0.0	0		NE	1.5	10.5	N	0	5	20
15	90	62	76	0.00	0.0	0		S	2.7	10.2	S	0	11	24
16	91	66	79	0.00	0.0	0		S	4.1	14.6	S	0	14	26
17	93	63	78	0.00	0.0	0		S	5.5	22.1	SW	0	13	25
18	81	64	73	0.01	0.0	0	RW-	S	3.5	13.2	S	0	8	23
19	88	63	76	0.28	0.0	0	RW,RW-,F(PM)	W	5.2	20.8	W	0	11	25
20	86	62	74	0.00	0.0	0	F(AM)	SE	2.0	8.6	E	0	9	24
21	94	73	84	0.00	0.0	0	HZ	SW	7.0	21.7	W	0	19	30
22	85	73	79	0.00	0.0	0		N	3.7	15.4	NW	0	14	29
23	86	65	76	0.02	0.0	0	F(PM),TRW-,RW-	NE	3.1	12.7	N	0	11	26
24	85	61	73	0.00	0.0	0		NE	2.4	11.6	E	0	8	23
25	83	62	73	0.00	0.0	0		NE	2.2	14.0	W	0	8	23
26	79	62	71	0.44	0.0	0	TRW, RW-	NE	2.9	14.3	NE	0	6	21
27	79	59	69	0.03	0.0	0	F(AM),TRW-	NW	2.9	11.4	W	0	4	19
28	82	58	70	0.01	0.0	0	RW-	W	4.2	21.3	W	0	5	20
29	83	56	70	T	0.0	0	RW-	N	2.1	11.0	W	0	5	20
30	86	60	73	0.00	0.0	0	H	W	3.3	22.1	W	0	8	23
<b>AVG/TOT</b>	<b>82.3</b>	<b>60.4</b>	<b>71.4</b>	<b>1.65</b>	<b>0.0</b>			<b>NE</b>	<b>3.3</b>			<b>10</b>	<b>209</b>	<b>636</b>
DEP.	-0.3	-0.5	-0.4	-2.56	0.0			SW	-2.2			-9	-9	+2

### NUMBER OF DAYS and DEPARTURE

	MAX TEMP				MIN TEMP				PRECIPITATION					SNOW	
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00						>=1.0
TOTAL	4	0	0	0	13	11	5	0	0						0
DEP	-2	0	0	0	+1	-1	-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	13	0	0	0	0	0	4	6	0	2	0	5143	316	1474	14.88
DEP	+2	-3		0	-1	-2	+4					-682	+20	+105	-4.89

**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 2006

### ILLINOIS STATE WATER SURVEY

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**Temperature** – ranged from 52°F on June 12 to 94°F on June 21. The warmest temperature on record for June was 103°F and occurred on June 2, 1934.

**Precipitation** – no daily records were set this month. The precipitation total was 1.65”, 2.56” below normal and the 16<sup>th</sup> driest June since June records began in 1889. The driest June on record was 1988 with only 0.32” of precipitation.

**Observer’s Note** – the wind statistics reported here and on the voicemail recording are not part of the climatic archive maintained by this office. They are from another Water Survey network co-located with our site (see below).

### 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 after the end of the month at:

<http://www.sws.uiuc.edu/warm/data/2006/June/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/>