

Local Climatological Data  
Champaign-Urbana, IL - 118740

Illinois State Water Survey  
Water Survey Research Center

April 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	50	45	48	0.00	0.0	0		NW	4.9	20.1	W	17	0	0
2	66	52	59	0.00	0.0	0			M	M		6	0	9
3	53	39	46	0.58	0.0	0	TRW-,TRW,RW-		M	M		19	0	2
4	58	33	46	0.02	0.0	0	RW-	W	7.4	22.9	W	19	0	4
5	65	35	50	0.00	0.0	0		SE	3.3	9.6	SW	15	0	8
6	60	48	54	0.26	0.0	0	TRW	SE	6.2	20.7	S	11	0	5
7	75	38	57	1.22	0.0	0	TRW+,RW-	SW	10.8	31.4	N	8	0	13
8	49	32	41	0.00	0.0	0		N	8.2	24.1	N	24	0	0
9	57	28	43	0.00	0.0	0		SW	2.1	9.9	SE	22	0	4
10	68	36	52	0.00	0.0	0		S	5.4	17.5	SE	13	0	9
11	74	42	58	0.00	0.0	0			M	M		7	0	12
12	78	56	67	T	0.0	0	RW-	W	10.7	28.5	SW	0	2	17
13	83	46	65	0.00	0.0	0		S	6.5	21.3	NE	0	0	17
14	81	61	71	0.19	0.0	0	TRW, A	SW	7.7	25.4	N	0	6	21
15	80	59	70	0.01	0.0	0	H(AM), RW-	NE	4.3	13.5	SE	0	5	20
16	79	59	69	0.01	0.0	0	RW-	SE	4.6	26.7	SW	0	4	19
17	66	49	58	1.19	0.0	0	TRW+,L-	NE	6.4	18.0	NE	7	0	8
18	73	43	58	0.00	0.0	0		E	3.5	14.5	SE	7	0	12
19	75	51	63	0.39	0.0	0	TRW	S	2.8	29.1	W	2	0	13
20	75	55	65	T	0.0	0	RW-	N	3.0	11.0	W	0	0	15
21	71	49	60	0.00	0.0	0			M	M		5	0	11
22	74	44	59	0.00	0.0	0			M	M		6	0	12
23	73	45	59	0.00	0.0	0		W	5.0	17.6	W	6	0	12
24	72	46	59	0.00	0.0	0		NE	2.2	10.7	NE	6	0	11
25	58	39	49	0.02	0.0	0	RW-	NE	7.6	24.2	NE	16	0	4
26	61	36	49	0.15	0.0	0	RW-, RW		M	M		16	0	6
27	71	40	56	0.00	0.0	0			M	M		9	0	11
28	75	43	59	0.00	0.0	0			M	M		6	0	13
29	62	53	58	T	0.0	0	RW-		M	M		7	0	8
30	60	52	56	0.37	0.0	0	RW, RW-		M	M		9	0	6
<b>AVG/TOT</b>	<b>68.1</b>	<b>45.1</b>	<b>56.6</b>	<b>4.41</b>	<b>0.0</b>			<b>NE</b>	<b>5.6</b>			<b>263</b>	<b>17</b>	<b>302</b>
DEP.	+5.9	+4.3	+5.1	+0.76	-0.5			S	-2.3			-149	+9	+96

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	2	0	15	12	8	3	2	0
DEP	0	0	-3	0	0	0	+1	+1	0	0

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-April
TOTAL	15	1	0	0	0	1	6	0	0	1	0	4962	17	429	10.17
DEP	+2	-3	-2			0	+1	-3				-701	+9	+122	-0.59

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 – April 2006

### ILLINOIS STATE WATER SURVEY

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**Temperature** – ranged from 83°F on April 13 to 28°F on April 9. The monthly average high temperature was 5.9°F above normal and the 7<sup>th</sup> warmest on record. The year 2001 had the warmest average high temperature on record at 69.9°F. The monthly average low temperature was 4.3°F above normal and also the 7<sup>th</sup> warmest on record. The year 1955 had the warmest average low temperature on record at 47.6°F. The monthly average mean temperature was 5.1°F above normal and the 6<sup>th</sup> warmest on record. The year 1955 had the warmest average mean temperature of 58.5°F.

**Precipitation** – no daily records were set this month. Precipitation was above-normal, 4.41” (0.76” above normal). While long-term precipitation deficits remain from the 2005-06 drought, the rains this spring have allowed for a full recovery of soil moisture, stream flow, lake levels, and groundwater in Champaign County.

**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).

<http://www.sws.uiuc.edu/atmos/statecli/Champ-Urb/CU.htm> .

### Additional Information

Additional information for April 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 a few days after the end of the month at:

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