

Local Climatological Data Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

March 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
1	60	35	48	0.00	0.0	0		E	3.7	15.8	E	17	0
2	50	32	41	0.00	0.0	0	F(AM)	NW	8.7	26.2	NW	24	0
3	47	25	36	0.00	0.0	0		N	5.8	15.8	N	29	0
4	44	22	33	0.00	0.0	0		NE	3.0	11.4	NE	32	0
5	38	25	32	0.00	0.0	0		E	2.9	14.6	E	33	0
6	39	33	36	0.13	0.1	0	F(AM) IP-, SW-, Z	NW	6.4	17.9	NW	29	0
7	49	28	39	0.01	T	0	F(AM), SW-	SE	5.4	18.1	SE	26	0
8	58	39	49	0.25	0.0	0	TRW,RW-,F(AM)	S	8.3	19.8	S	16	0
9	58	44	51	0.63	0.0	0	TRW-,RW,F(AM)	S	9.7	30.2	S	14	0
10	56	41	49	0.70	0.0	0	RW, RW-, L-	W	6.0	25.4	NW	16	0
11	63	45	54	0.07	0.0	0	TRW-, F(AM)	SE	8.2	24.4	S	11	0
12	68	55	62	1.05	0.0	0	TRW+	SE	6.1	25.3	S	3	0
13	66	32	49	0.17	0.0	0	F(AM),TRW	W	15.3	37.6	W	16	0
14	45	26	36	0.00	0.0	0		W	11.0	27.8	W	29	0
15	47	28	38	0.00	0.0	0		N	4.0	14.1	NW	27	0
16	63	35	49	T	0.0	0	RW-	SE	7.4	20.6	SE	16	0
17	47	28	38	T	0.0	0	RW-	NE	7.4	17.8	N	27	0
18	45	26	36	0.00	0.0	0		N	4.9	14.0	N	29	0
19	48	24	36	0.00	0.0	0		NE	3.8	12.9	E	29	0
20	39	32	36	0.00	0.0	0		NE	8.2	20.5	E	29	0
21	34	24	29	0.09	1.6	2	SW, SW-, BS	NE	9.8	25.5	NE	36	0
22	44	19	32	0.01	0.5	2	SW-, BS	NW	5.6	17.6	W	33	0
23	47	27	37	0.00	0.0	0		N	4.2	13.7	N	28	0
24	40	32	36	T	0.0	0	RW-	NW	5.1	13.8	N	29	0
25	46	30	38	0.03	T	0	RW-,SW-,IP-	NW	5.3	15.2	NW	27	0
26	48	29	39	0.00	0.0	0		NW	1.9	8.9	S	26	0
27	48	29	39	0.00	0.0	0		SE	6.8	21.0	S	26	0
28	49	41	45	0.25	0.0	0	RW-	N	4.5	12.0	W	20	0
29	53	37	45	T	0.0	0	F(AM),RW-	SE	2.4	10.1	SE	20	0
30	72	35	54	0.00	0.0	0	F(AM)	SE	8.1	22.1	S	11	0
31	75	50	63	0.07	0.0	0	RW-	W	15.2	37.4	SW	2	0
AVG/TOT	51.2	32.5	41.9	3.46	2.2			NE	6.6			710	0
DEP.	+1.6	+1.3	+1.5	+0.25	-1.1			S	-1.4			-55	0

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	19	0	17	13	7	3	1	1
DEP	0	-3	+1	0	+2	0	+1	0	0	0

	WEATHER TYPES										SEASONAL DEGREE DAYS		PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-March
TOTAL	14	0	5	1	2	0	5	8	0	0	2	4699	0	5.76
DEP	+4	-4	-1	0	-1	+2	+4	■	■	■	■	-552	0	-1.35

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 – March 2006

ILLINOIS STATE WATER SURVEY

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Temperature – ranged from 75°F on March 31 to 19°F on March 22. While the monthly average high temperature and the monthly average mean temperature were above normal, they were not of noteworthy rank.

Precipitation – no daily records were set this month. Precipitation was slightly above-normal, 3.46” (0.25” above normal). It is probably safe to say that the 2005-06 snowfall season is over. We measured a total of 14.0 inches of snow, 12.2 inches below the normal of 26.2 inches. This is the third year in a row with below-normal snowfall. We measured 16.2 inches in the 2003-04 season and 13.4 inches in the 2004-05 season. Even with the meager 14.0 inches, it was only the 21st lowest winter snowfall total in Champaign-Urbana history. The winter of 1953-54 was the lowest with 6.7 inches. Snowfall records for Champaign-Urbana go back to 1903.

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 March 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/March/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/>