

Local Climatological Data
Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

November 2005

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	56	38	47	1.33	0.0	0	RW, R-	M	M			18	0
2	66	37	52	0.00	0.0	0		M	M			13	0
3	71	45	58	0.00	0.0	0		M	M			7	0
4	69	54	62	0.00	0.0	0		M	M			3	0
5	68	52	60	0.00	0.0	0		M	M			5	0
6	57	40	49	0.43	0.0	0	TRW, RW	M	M			16	0
7	64	35	50	0.00	0.0	0		M	M			15	0
8	71	51	61	0.00	0.0	0		M	M			4	0
9	67	40	54	0.00	0.0	0		M	M			11	0
10	50	31	41	0.00	0.0	0		M	M			24	0
11	63	30	47	0.00	0.0	0		M	M			18	0
12	67	40	54	0.00	0.0	0		M	M			11	0
13	60	40	50	0.00	0.0	0		M	M			15	0
14	47	34	41	0.00	0.0	0		M	M			24	0
15	64	37	51	0.31	0.0	0	R, F(AM)	M	M			14	0
16	37	18	28	0.50	T	0	RW, SW-	M	M			37	0
17	29	15	22	T	T	T	SW-	M	M			43	0
18	45	24	35	T	T	0	SW-	S	5.9	17.2 W		30	0
19	55	27	41	0.00	0.0	0		S	7.5	22.6 SW		24	0
20	53	28	41	0.00	0.0	0	F(PM)	SW	2.3	8.5 SW		24	0
21	51	36	44	0.00	0.0	0		W	7.2	21.8 N		21	0
22	42	30	36	0.00	0.0	0		N	6.4	19.8 N		29	0
23	56	33	45	T	0.0	0	RW-	NW	9.8	27.9 W		20	0
24	42	16	29	0.00	0.0	0		NW	9.3	28.5 N		36	0
25	30	15	23	0.00	0.0	0		S	6.4	17.3 S		42	0
26	54	25	40	0.00	0.0	0		S	8.4	18.7 SE		25	0
27	56	46	51	0.36	0.0	0	RW-	SE	8.4	18.7 SE		14	0
28	59	36	48	0.76	0.0	0	RW-	SW	13.1	25.8 S		17	0
29	37	27	32	0.03	0.0	0	RW-	SW	11.6	26.6 SW		33	0
30	33	21	27	T	T	0	SW-	W	5.0	18.3 W		38	0
AVG/TOT	54.0	33.4	43.7	3.72	0.0			S	7.8			631	0
DEP.	+4.4	+0.4	+2.4	+0.27	-2.1			S	+0.5			-80	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	2	13	0	11	7	6	3	1	0
DEP	0	0	-2	0		-3	0	+1	0	-1

	WEATHER TYPES										SEASONAL DEGREE DAYS		PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-November
TOTAL	8	0	4	0	0	0	1	2	0	0	0	973	1304	34.52
DEP	-1	-5	0	-1			0	-2				-169	+318	-3.77

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 – November 2005

ILLINOIS STATE WATER SURVEY

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Temperature – ranged from 71 degrees on November 3 and 8 to 15 degrees on November 17 and 25. The monthly average high temperature of 54.0 degrees was the 15th warmest for November since 1888. The monthly average mean temperature of 43.7 degrees was the 23rd warmest for November since 1888.

Precipitation – no daily records were set this month. Precipitation was slightly above normal. Only a trace of snow fell in November - not unusual for so early in the snowfall season. In 34 other cases since 1903 (when snowfall measurements began), the November snowfall total was either zero or only a trace.

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). We do not have all the wind statistics for the first 17 days of November at this time. When they are processed, we will provide an update on the web at <http://www.sws.uiuc.edu/atmos/statecli/Champ-Urb/CU.htm> .

Additional Information

Additional information for November 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/2005/November/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/>