

Local Climatological Data

Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

May 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	64	52	58	0.36	0.0	0	RW, RW-		M	M		7	0	8
2	72	54	63	0.32	0.0	0	RW, TRW		M	M		2	0	13
3	72	51	62	0.00	0.0	0			M	M		3	0	12
4	69	52	61	0.03	0.0	0	TRW-		M	M		4	0	11
5	64	48	56	0.00	0.0	0			M	M		9	0	7
6	66	44	55	0.00	0.0	0			M	M		10	0	8
7	72	45	59	0.00	0.0	0			M	M		6	0	11
8	74	47	61	0.00	0.0	0			M	M		4	0	12
9	72	51	62	0.00	0.0	0			M	M		3	0	12
10	71	53	62	0.00	0.0	0			M	M		3	0	12
11	62	47	55	0.77	0.0	0	F(AM),T,RW,RW-		M	M		10	0	6
12	48	42	45	0.08	0.0	0	RW-		M	M		20	0	0
13	49	42	46	0.08	0.0	0	L-,RW-		M	M		19	0	0
14	55	44	50	0.05	0.0	0	RW-		M	M		15	0	3
15	64	46	55	0.25	0.0	0	RW-		M	M		10	0	7
16	67	52	60	0.43	0.0	0	RW,RW-		M	M		5	0	10
17	75	49	62	0.01	0.0	0	RW-		M	M		3	0	13
18	65	46	56	0.21	0.0	0	F(PM),TRW		M	M		9	0	8
19	72	43	58	0.01	0.0	0	RW-		M	M		7	0	11
20	70	47	59	T	0.0	0	R-		M	M		6	0	10
21	70	50	60	0.00	0.0	0			M	M		5	0	10
22	70	45	58	T	0.0	0	RW-	E	2.3	12.3 N		7	0	10
23	77	44	61	0.00	0.0	0			M	M		4	0	14
24	86	51	69	0.00	0.0	0			M	M		0	4	19
25	84	64	74	0.11	0.0	0	TRW-		M	M		0	9	24
26	84	64	74	0.01	0.0	0	F(AM),RW-,T		M	M		0	9	24
27	89	63	76	0.00	0.0	0			M	M		0	11	25
28	92	69	81	0.00	0.0	0			M	M		0	16	28
29	92	67	80	0.00	0.0	0			M	M		0	15	27
30	91	69	80	0.00	0.0	0		SW	5.1	21.1 W		0	15	28
31	86	66	76	0.34	0.0	0	TRW-		M	M		0	11	26
AVG/TOT	72.4	51.8	62.1	3.06	0.0			SW	3.7			171	90	409
DEP.	-1.2	0.0	-0.6	-1.74	0.0			S	-2.6			+28	+20	-19

NUMBER OF DAYS and DEPARTURE

	MAX TEMP				MIN TEMP				PRECIPITATION					SNOW	
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00						>=1.0
TOTAL	3	0	0	0	17	15	8	1	0						0
DEP	+2	0	0	0	+4	0	-2	-2						0	

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-May
TOTAL	17	1	0	0	0	0	7	3	0	0	0	5133	107	838	13.23
DEP	+4	-2			0	-1	+1	0				-673	+29	+103	-2.33

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 – May 2006

ILLINOIS STATE WATER SURVEY

Jim Angel, State Climatologist
2204 Griffith Drive
Champaign, IL 61820
jimangel@uiuc.edu

Temperature – ranged from 42°F on May 12 & 13 to 92°F on May 28 & 29. The abnormally warm temperatures at the end of the month balanced out with the abnormally cool temperatures in the first 23 days of the month, resulting in monthly average temperatures that were near-normal.

Precipitation – no daily records were set this month. Precipitation was 3.06”, 1.74” below normal. Even so, this was much better than May 2005 when we received only 0.97”, which was the 7th driest May on record. Even with below-normal precipitation in May, the area’s soil moisture, stream flow, and well levels remained within the normal range for this time of year.

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 are currently experiencing difficulties in getting this data.

Additional Information

Additional information for May 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/May/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/>