

Local Climatological Data
Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

April 2008

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	57	31	44	0.56	0.0	0		M	M		21	0	4	
2	53	28	41	0.00	0.0	0		M	M		24	0	2	
3	55	33	44	0.00	0.0	0		M	M		21	0	3	
4	49	35	42	0.04	0.0	0		M	M		23	0	0	
5	61	31	46	0.00	0.0	0		M	M		19	0	6	
6	65	36	51	0.00	0.0	0		M	M		14	0	8	
7	63	44	54	0.00	0.0	0		M	M		11	0	7	
8	66	42	54	0.00	0.0	0		M	M		11	0	8	
9	53	39	46	0.20	0.0	0		M	M		19	0	2	
10	62	45	54	0.02	0.0	0		M	M		11	0	6	
11	63	43	53	1.29	0.0	0		M	M		12	0	7	
12	43	36	40	0.02	0.0	0		M	M		25	0	0	
13	44	33	39	0.14	T	0		M	M		26	0	0	
14	51	31	41	T	0.0	0		M	M		24	0	1	
15	59	30	45	0.00	0.0	0		M	M		20	0	5	
16	68	39	54	0.00	0.0	0		M	M		11	0	9	
17	74	45	60	0.00	0.0	0		M	M		5	0	12	
18	73	51	62	0.00	0.0	0		M	M		3	0	12	
19	59	45	52	0.16	0.0	0		M	M		13	0	5	
20	67	50	59	0.00	0.0	0		M	M		6	0	9	
21	74	46	60	0.00	0.0	0		M	M		5	0	12	
22	77	48	63	0.00	0.0	0		M	M		2	0	14	
23	81	56	69	0.00	0.0	0		M	M		0	4	19	
24	76	59	68	0.00	0.0	0		M	M		0	3	18	
25	81	48	65	0.08	0.0	0		M	M		0	0	16	
26	60	42	51	0.29	0.0	0		M	M		14	0	5	
27	56	43	50	0.00	0.0	0		M	M		15	0	3	
28	47	37	42	0.04	0.0	0		M	M		23	0	0	
29	52	35	44	0.17	0.0	0		M	M		21	0	1	
30	68	34	51	0.00	0.0	0		M	M		14	0	9	
AVG/TOT	61.9	40.5	51.2	3.01	T							413	7	203
DEP.	-0.3	-0.3	-0.3	-0.64	-0.5				S			+1	-1	-3

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	5	0	13	12	7	2	1	0
DEP	0	0	0	0		0	-1	0	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	13	0	2	0	1	0	2	0	0	0	0	5556	7	292	14.12
DEP	0	-4	0		-1	-3	-3					-107	-1	-15	+3.36

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 2008

ILLINOIS STATE WATER SURVEY

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Temperatures ranged from a high of 81°F on April 23 and 25 to a low of 28°F on April 2. While the monthly maximum, minimum, and mean monthly temperatures were all slightly below normal, they were not remarkably cold.

Precipitation for April was 3.01 inches, 0.64 inches below normal.

Snowfall for April snowfall was a Trace. The seasonal snowfall total was 26.3 inches, 0.1 inches above the 1971-2000 normal of 26.2 inches.

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. Usually, these data are posted several days after the end of the month at: <http://www.sws.uiuc.edu/warm/data/2008/April/Champaign.txt>

For detailed rainfall reports, check out the new volunteer raingage network in Illinois called the Community Collaborative Rain, Hail and Snow Network (CoCoRaHS) at <http://www.cocorahs.com/>.

JRA

For this and other climate data, visit the State Climatologist web site at <http://www.sws.uiuc.edu/atmos/statecli/>