

Local Climatological Data

Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

March 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	30	20	25	T	0.1	T	S-, BS	NW	9.3	25.0	NW	40	0
2	34	18	26	T	T	T		NW	5.3	16.7	NW	39	0
3	41	15	28	0.00	0.0	0		SE	2.9	11.6	SE	37	0
4	55	28	42	T	0.0	0	Z	W	4.5	21.1	W	23	0
5	44	28	36	T	0.0	0		N	5.7	17.7	W	29	0
6	67	32	50	0.00	0.0	0		SW	10.4	25.7	W	15	0
7	56	30	43	0.08	0.0	0	R, S-	NW	11.7	32.1	W	22	0
8	35	23	29	T	T	0		NW	6.6	23.8	N	36	0
9	36	20	28	0.00	0.0	0		N	4.7	17.2	N	37	0
10	41	17	29	0.00	0.0	0	S-, R	W	8.1	23.8	W	36	0
11	38	29	34	0.02	0.1	T	S-	W	10.7	26.7	W	31	0
12	39	25	32	T	T	0	S-, R-	N	6.8	22.1	W	33	0
13	39	19	29	T	T	0	s-	N	3.8	12.4	N	36	0
14	44	19	32	0.00	0.0	0		SW	5.0	24.1	W	33	0
15	46	21	34	0.00	0.0	0		N	2.6	12.6	NW	31	0
16	53	24	39	0.00	0.0	0		SW	3.3	12.8	W	26	0
17	59	26	43	0.00	0.0	0		M	M	M	22	0	
18	61	27	44	0.00	0.0	0		S	8.7	26.1	S	21	0
19	48	34	41	T	0.0	0	R-	W	9.6	19.4	W	24	0
20	45	32	39	T	0.0	0	L	NW	5.5	15.0	NW	26	0
21	52	29	41	0.00	0.0	0		NE	5.2	14.8	NE	24	0
22	43	32	38	0.00	0.0	0		NE	8.1	22.4	NE	27	0
23	39	35	37	0.83	T	0	R, S-	M	M	M	28	0	
24	45	29	37	0.01	0.0	0	R-	S	3.0	12.3	SW	28	0
25	43	36	40	0.50	0.0	0	R	NE	5.3	14.4	NE	25	0
26	42	36	39	0.16	0.0	0		NE	4.4	10.7	N	26	0
27	50	36	43	0.00	0.0	0		N	6.6	19.2	N	22	0
28	62	34	48	0.00	0.0	0		N	7.6	21.4	N	17	0
29	70	33	52	0.00	0.0	0		SE	6.6	20.8	S	13	0
30	75	48	62	T	0.0	0	TRW	S	13.8	35.0	S	3	0
31	64	46	55	0.13	0.0	0		W	10.4	36.1	W	10	0
AVG/TOT	48.3	28.4	38.4	1.73	0.2			NW	6.8			820	0
DEP.	-1.3	-2.8	-2.0	-1.48	-3.1			S	-1.2			+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	1	22	0	17	7	4	2	0	0
DEP	0	-2	+4	0		-4	-3	0	-1	-1

	WEATHER TYPES										SEASONAL DEGREE DAYS		PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-March
TOTAL	7	2	7	1	0	0	1	0	0	0	1	4777	0	9.93
DEP	-3	-2	+1	0	-1	-2	-4					-474	0	+2.82

Averages based on 1971-2000 data. Temp midnight-midnight, Precip and Snow at 7 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.

Champaign-Urbana Weather Highlights – March 2005

ILLINOIS STATE WATER SURVEY

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Temperature – ranged from 15 degrees on March 3 to 75 degrees on March 30. While the high, low, and mean temperatures for the month were below normal, none of them were in the top-ten list.

Precipitation – no daily records were set this month. It was the 26th driest March since 1889. The snowfall for the month was much below normal and the 2nd least snowiest March on record.

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). On occasion we do not get the wind statistics right away because of circumstances beyond our control.

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/2005/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 8:00 a.m. For this and other climate data, visit the State Climatologist web site at <http://www.sws.uiuc.edu/atmos/statecli/>