

Local Climatological Data Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

March 2001

DATE	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER TYPES	WIND				SKY COVER	DEGREE DAYS	
	Max	Min	Mean		Amnt	Depth		Dir	Speed (mph)	Peak Gust	Gust Dir		Heat	Cool
1	42	20	31	0.00	0.0	0		SW	5.4	14.3	SW	PC	34	0
2	38	32	35	T	0.0	0	RW-,L-	W	6.2	17.9	W	PC	30	0
3	50	30	40	0.00	0.0	0		W	2.8	10.1	N	PC	25	0
4	37	26	32	0.00	0.0	0		N	9.9	23.7	N	CLDY	33	0
5	33	23	28	T	T	0	SW-	NW	8.6	24.7	NW	PC	37	0
6	39	20	30	0.00	0.0	0		NW	8.2	21.4	N	CLR	35	0
7	46	21	34	0.00	0.0	0		W	6.5	19.9	W	CLR	31	0
8	35	26	31	T	T	0	SW-	W	8.7	20.8	W	CLDY	34	0
9	40	23	32	0.00	0.0	0		NW	4.3	15.9	W	PC	33	0
10	50	21	36	0.00	0.0	0		S	8.4	23.1	S	PC	29	0
11	51	34	43	0.00	0.0	0		NE	6.1	20.5	NE	CLR	22	0
12	53	34	44	0.09	0.0	0	RW-	SE	8.7	24.7	S	CLDY	21	0
13	47	31	39	0.05	0.5	T	SW-	W	11.4	30.2	W	CLDY	26	0
14	58	26	42	0.02	0.0	0	RW-	S	6.1	20.0	S	PC	23	0
15	52	42	47	0.06	0.0	0	RW-	NE	5.1	21.3	NE	CLDY	18	0
16	44	31	38	0.45	0.6	0	R,S-	NE	9.4	21.2	NE	CLDY	27	0
17	36	29	33	0.03	0.2	1	SW-	NW	5.8	14.7	N	CLDY	32	0
18	49	26	38	0.00	0.0	0		NE	3.7	13.0	E	CLR	27	0
19	49	28	39	0.00	0.0	0		E	3.7	14.6	N	PC	26	0
20	54	32	43	0.00	0.0	0		NE	5.6	16.7	N	PC	22	0
21	58	32	45	0.00	0.0	0		N	7.5	18.9	N	CLR	20	0
22	57	35	46	0.00	0.0	0		W	4.7	13.6	W	PC	19	0
23	55	35	45	0.00	0.0	0		NW	6.2	18.1	NW	CLR	20	0
24	40	22	31	0.00	0.0	0		NW	9.3	22.7	NW	CLR	34	0
25	30	19	25	T	T	T	S-	NW	8.2	22.8	N	CLR	40	0
26	36	14	25	0.00	0.0	0		NW	5.5	19.8	W	CLR	40	0
27	45	18	32	0.00	0.0	0		NW	2.4	11.2	W	CLR	33	0
28	50	21	36	0.02	0.0	0	RW-	S	6.8	27.3	S	CLDY	29	0
29	49	33	41	0.00	0.0	0		SE	3.4	9.9	SE	CLDY	24	0
30	58	38	48	0.00	0.0	0		NE	4.9	15.5	N	PC	17	0
31	62	32	47	0.13	0.0	0	RW	NW	5.8	23.1	NW	CLDY	18	0
AVG/TOT	46.5	27.5	37.0	0.85	1.3			NW	6.4				859	0
DEP.	-3.1	-3.7	-3.4	-2.36	-2.0			S	-1.6				+74	0

NUMBER OF DAYS and DEPARTURE

	MAX TEMP		MIN TEMP		PRECIPITATION					SNOW	SKY COVER		
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00	>=1.0	CLR	PC	CLDY
TOTAL	0	1	24	0	12	8	2	0	0	0	10	11	10
DEP	0	-2	+5	0		-3	-5	-2	-1	-1	+3	+2	-5

	WEATHER TYPES											SEASONAL DEGREE DAYS		PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-March
TOTAL	7	1	6	0	0	0	0	0	0	0	0	5698	0	6.01
DEP	-3	-3	0	-1	-1	-3	-4					+336	0	-1.10

Averages based on 1971-2000 data. The daily sky condition is determined by the prevailing sky condition of three observations made between 7am and 7pm LST. Snow depth at 7am LST. All other data midnight-midnight. 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.

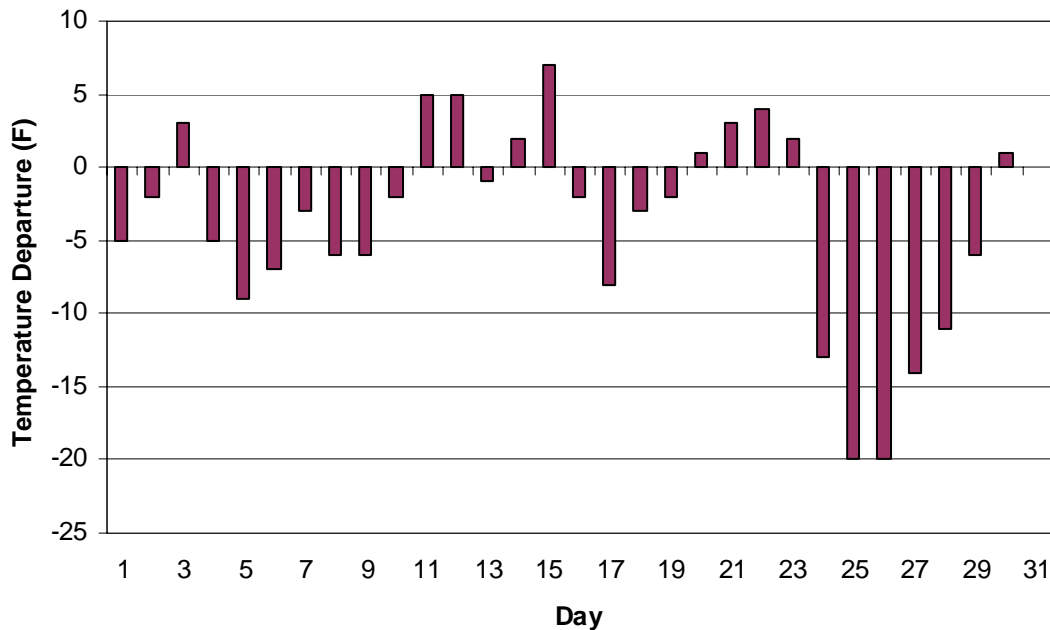
Champaign-Urbana Weather Highlights – March 2001

ILLINOIS STATE WATER SURVEY

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March was the 4th driest on record since records began in 1888. It was the 25th coolest March in terms of the mean temperature; the 32nd coolest in terms of the high temperature; and the 19th coolest in terms of the low temperature. It was also the 12th lowest March snowfall on record. However, the one truly remarkable statistic set this month was the longest number of days without seeing 60°F weather. The new record is 145 days, stretching from November 6, 2000, to March 30, 2001. The old record of 125 days was set from November 11, 1919, to March 14, 1920.

The figure below shows the daily temperature departure by day for March. The first three weeks were predominantly cool but not too extreme. The really cold weather hit in the last week of the month before returning to near average conditions at the very end.



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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/>