

Local Climatological Data  
Champaign-Urbana, IL - 118740

Illinois State Water Survey  
Water Survey Research Center

November 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	69	52	61	0.00	0.0	0		S	13.2	26.8	S	CLDY	4	0
2	66	43	55	0.28	0.0	0	RW	NW	4.8	18.7	SW	CLDY	10	0
3	68	38	53	0.00	0.0	0		W	3.5	12.9	W	CLR	12	0
4	71	43	57	0.00	0.0	0		W	5.1	15.3	N	CLR	8	0
5	59	34	47	0.00	0.0	0		CALM	1.7	10.1	SE	CLR	18	0
6	63	34	49	0.00	0.0	0		SW	4.0	14.2	S	CLR	16	0
7	71	36	54	0.00	0.0	0		SW	3.6	15.1	SW	CLR	11	0
8	59	37	48	0.03	0.0	0	RW-	N	6.7	19.5	NW	CLDY	17	0
9	54	28	41	0.00	0.0	0		SW	6.7	18.6	SW	CLR	24	0
10	63	38	51	0.00	0.0	0		W	8.8	23.2	W	CLR	14	0
11	53	35	44	0.00	0.0	0		NE	3.6	13.9	NE	CLR	21	0
12	61	30	46	0.00	0.0	0		SE	3.5	11.2	S	CLR	19	0
13	65	31	48	0.00	0.0	0		S	6.8	18.4	S	CLR	17	0
14	70	44	57	0.00	0.0	0		SW	6.6	15.0	SW	PC	8	0
15	71	47	59	0.00	0.0	0	Haze	SW	6.5	15.1	SW	PC	6	0
16	74	49	62	0.00	0.0	0	H	W	3.5	10.6	W	CLR	3	0
17	75	44	60	0.00	0.0	0	F+	SE	1.2	7.5	SW	CLR	5	0
18	68	48	58	T	0.0	0	RW-,H	S	5.2	16.8	SW	PC	7	0
19	56	33	45	0.04	0.0	0	RW-	NW	7.1	25.3	W	CLDY	20	0
20	45	28	37	0.00	0.0	0		NW	5.2	17.6	S	CLR	28	0
21	57	27	42	0.00	0.0	0		S	7.5	20.6	SW	CLR	23	0
22	58	30	44	0.00	0.0	0		S	5.9	24.1	S	CLR	21	0
23	59	40	50	0.04	0.0	0	RW-	SE	7.8	21.1	S	CLDY	15	0
24	63	51	57	0.44	0.0	0	R,RW-	SE	15.5	32.9	S	CLDY	8	0
25	53	37	45	0.01	0.0	0	RW-	W	9.5	30.8	SW	CLDY	20	0
26	54	36	45	0.03	0.0	0	RW-	SE	5.3	17.0	SE	CLDY	20	0
27	53	35	44	0.00	0.0	0		W	8.3	22.2	SW	PC	21	0
28	39	32	36	0.37	T	0	R-,RW-,IP-,S-	NE	4.4	12.5	N	CLDY	29	0
29	48	38	43	0.63	0.0	0	R,R-	NE	6.2	19.3	N	CLDY	22	0
30	52	40	46	0.04	0.0	0	L,F-	SW	13.2	31.0	S	CLDY	19	0
<b>AVG/TOT</b>	<b>60.6</b>	<b>37.9</b>	<b>49.3</b>	<b>1.91</b>	<b>0.0</b>	<b>0.0</b>		<b>SW</b>	<b>6.4</b>				<b>466</b>	<b>0</b>
<b>DEP.</b>	<b>+11.0</b>	<b>+4.9</b>	<b>+8.0</b>	<b>-1.49</b>	<b>-2.1</b>	<b>-2.1</b>		<b>S</b>	<b>-0.9</b>				<b>-245</b>	<b>0</b>

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	0	7	0	11	10	4	1	0	0	15	4	11
DEP	0	-2	-9	0	+1	-2	-1	-1		-1	+8	-4	-4

	WEATHER TYPES											SEASONAL DEGREE DAYS		PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-November
TOTAL	10	1	1	0	1	0	0	2	0	3	0	927	1056	34.10
DEP	+1	-4	-3	-1			-1	-2				-215	+70	-4.14

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 – November 2001

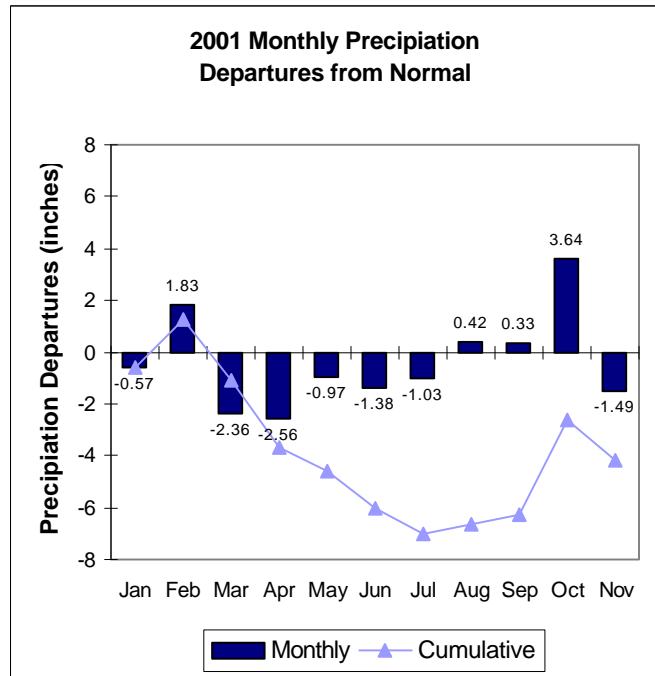
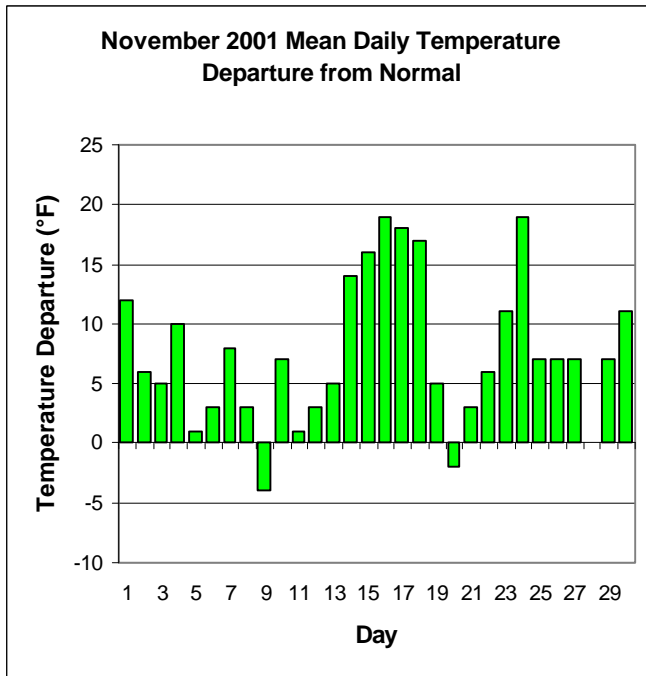
## ILLINOIS STATE WATER SURVEY

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With an average monthly temperature of 49.3°F, November 2001 was the 3<sup>rd</sup> warmest November in Champaign-Urbana since climate records began in 1888. It was surpassed only by November 1931 (50.2°F) and November 1909 (49.8°F). The average monthly maximum temperature of 60.6°F was the warmest on record and the average monthly minimum temperature of 37.9°F was the 6<sup>th</sup> warmest since 1888. There were more than twice as many clear days during the month than normal and the 6 days of 70°F or above were only 3 days behind the record number of 9 set in 1964. All of these monthly extremes occurred without any daily temperature records being set and only the following daily records being tied:

- November 16 - Tied the record high maximum temperature of 74°F set in 1931
- November 17 - Tied the record high maximum temperature of 75°F set in 1952
- November 24 - Tied the record high mean temperature of 57°F set in 1908 and 1966

The November 2001 precipitation total was 1.91 inches, which ranks it as only the 32<sup>nd</sup> driest November on record. The driest November was in 1904 when only a trace of precipitation fell during the entire month and the wettest November occurred in 1985 when 10.08 inches of precipitation occurred.



MCP

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/>