

Local Climatological Data
Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

November 2002

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	27	35	0.00	0.0	0		W	6.6	20.6	W	CLR	30	0
2	49	26	38	0.00	0.0	0		W	6.8	19.5	W	PC	27	0
3	41	30	36	0.17	T	0	R-,S-,IP-	SW	4.0	9.9	W	CLDY	29	0
4	48	35	42	0.00	0.0	0		W	3.1	12.8	W	PC	23	0
5	43	38	41	0.32	0.0	0	R	NE	2.9	13.1	N	CLDY	24	0
6	43	31	37	0.00	0.0	0		W	5.3	17.4	W	CLDY	28	0
7	60	31	46	0.00	0.0	0		S	6.4	17.8	S	CLR	19	0
8	66	45	56	0.00	0.0	0		S	11.4	29.9	S	CLR	9	0
9	63	51	57	0.04	0.0	0	TRW,RW-	S	13.6	29.0	S	CLDY	8	0
10	66	39	53	T	0.0	0	L-	W	8.6	21.8	SW	PC	12	0
11	41	33	37	T	0.0	0	L-	W	5.3	15.7	W	CLDY	28	0
12	46	33	40	0.00	0.0	0		W	4.0	14.8	W	CLDY	25	0
13	60	32	46	0.00	0.0	0		SW	7.4	16.9	SW	CLR	19	0
14	57	46	52	0.04	0.0	0	R-	SW	7.0	19.3	S	PC	13	0
15	46	34	40	0.05	0.0	0	R-	NE	7.6	20.9	NE	CLDY	25	0
16	40	30	35	0.00	0.0	0		N	6.5	16.4	N	PC	30	0
17	40	24	32	T	T	0	SW-	N	3.0	14.1	NW	PC	33	0
18	51	23	37	0.02	0.0	0	RW-	SE	7.3	19.7	W	PC	28	0
19	58	31	45	0.00	0.0	0		W	7.4	21.0	W	CLR	20	0
20	60	37	49	0.00	0.0	0		SW	5.5	18.4	S	CLR	16	0
21	42	33	38	0.19	T	0	RW-,SW-	W	7.6	23.8	NW	CLDY	27	0
22	41	27	34	0.00	0.0	0		NW	6.1	18.1	N	CLDY	31	0
23	50	28	39	0.00	0.0	0		W	8.1	24.8	SW	CLR	26	0
24	48	27	38	0.02	0.4	0	S-	N	4.5	17.5	N	PC	27	0
25	32	23	28	T	T	T	S-	N	6.2	15.6	N	PC	37	0
26	33	25	29	0.01	0.1	0	S-	NE	5.2	12.8	N	CLDY	36	0
27	35	19	27	0.00	0.0	T		W	2.9	10.5	W	PC	38	0
28	39	19	29	0.00	0.0	0		SW	5.8	18.0	SW	CLR	36	0
29	58	32	45	0.00	0.0	0		W	12.4	27.4	W	CLR	20	0
30	40	19	30	T	T	0	S-	NW	10.7	32.3	NW	CLDY	35	0
AVG/TOT	47.9	30.9	39.4	0.86	0.5			W	6.6				759	0
DEP.	-1.7	-2.1	-1.9	-2.59	-1.6			S	-0.7				+48	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	19	0	14	9	3	0	0	0	9	10	11				
DEP	0	-1	+4	0		-1	-3	-2	-1	-1	+2	+2	-4				

	WEATHER TYPES											SEASONAL DEGREE DAYS		PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-November
TOTAL	7	2	7	0	1	0	1	0	0	0	0	1198	1332	37.94
DFF	-2	-3	+3	-1			0	-4				+56	+346	-0.35

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 = Missin

WEATHER TYPES:

- R = Rain
- L = Drizzle
- S = Snow
- T = Thunder
- Z = Freezing rain/drizzle
- IP = Ice pellets (sleet)
- A = Hail
- F = Fog
- D = Dust
- H = Haze
- BS = Blowing snow
- RW = Rainshower
- SW = Snowshower

PRECIP INTENSITY

- Light
- Moderate
- + Heavy

Precip amount "T" = Trace

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 2002

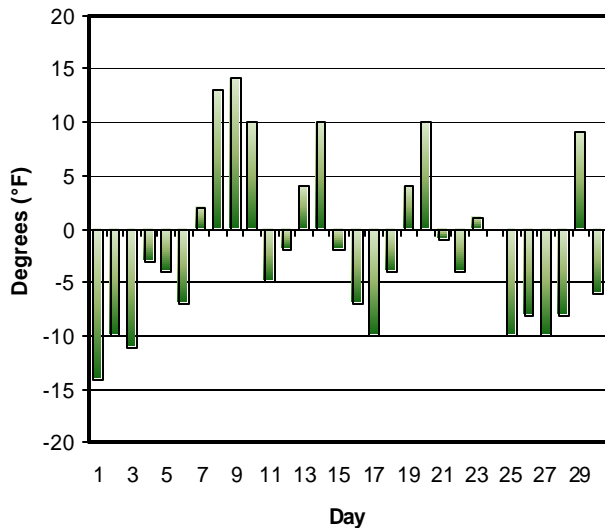
ILLINOIS STATE WATER SURVEY

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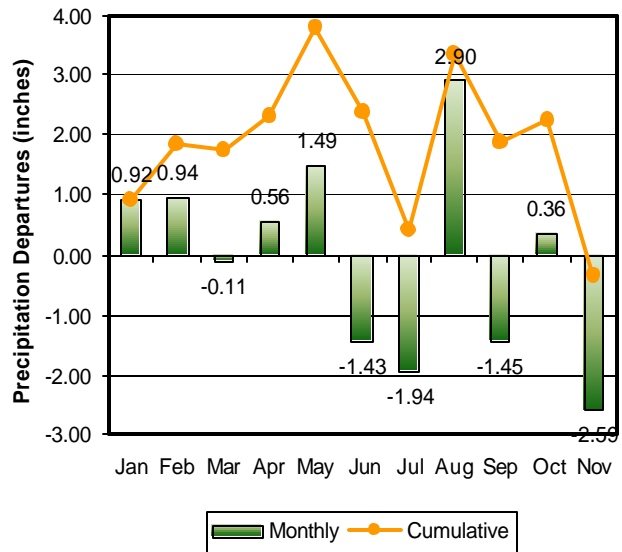
With an average temperature of 39.4° Fahrenheit, November 2002 was the 25th coolest November on record. The warmest November occurred in 1931 when the average temperature was 50.2° F and the coldest was November 1976 (34.2° F). No temperature records were set during the month.

The precipitation total of 0.86 inches ranks this November as the 11th driest November since records began in 1888. The snowfall total of 0.5 inches ties the 6th lowest snowfall for November, although 34 years are tied for first place with no measurable snowfall. No precipitation records were set during the month.

November 2002 Mean Daily Temperature Departure from Normal



2002 Monthly Precipitation Departures from Normal



Fall Statistics:	Fall (Sep, Oct, Nov) 2002	Departure from Average	Ranking
Maximum Temperature	64.0° F	-0.1°	28 th coolest (tied)
Minimum Temperature	43.9° F	+0.3°	37 th coolest (tied)
Mean Temperature	53.9° F	0°	30 th coolest (tied)
Precipitation	5.80 inches	-3.68 inches	25 th driest
Snowfall	0.5 inch	-1.7 inches	6 th lowest (tied)

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/>