



Champaign-Urbana Weather Highlights – November 2008

Jim Angel, state climatologist

Temperatures ranged from a high of 73°F on November 2 and 3 to a low of 14°F on November 22. The monthly average maximum temperature was 48.0°F, 1.6 degrees below normal. The monthly average minimum temperature was 31.0°F, 2.0 degrees below normal. The monthly average mean temperature was 39.5°F, 1.8 degrees below normal.

Precipitation for November was 1.31 inches, 2.14 inches below normal. The January-November precipitation was 47.68 inches, 9.39 inches above normal and the third wettest on record since 1889*. Only January-November 1993 and 1927 were wetter with 56.84 and 52.09 inches, respectively.

Snowfall for November was 2.4 inches, 0.3 inches above normal. The snowiest November on record was 1932 with 11.2 inches.

*Records for Champaign-Urbana started in late August 1888. However, the first complete January-November record was 1889.

Additional Information

Additional information for November 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/November/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/>.

For more information on the climate of Illinois, visit the web site at:

<http://www.sws.uiuc.edu/atmos/statecli/>.

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Local Climatological Data

Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

November 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
1	72	42	57	0.00	0.0	0			M	M		8	0
2	73	50	62	0.00	0.0	0			M	M		3	0
3	73	47	60	0.00	0.0	0			M	M		5	0
4	72	42	57	0.00	0.0	0			M	M		8	0
5	71	41	56	0.00	0.0	0			M	M		9	0
6	63	46	55	0.00	0.0	0			M	M		10	0
7	48	40	44	0.23	0.0	0	RW-		M	M		21	0
8	42	36	39	0.00	0.0	0			M	M		26	0
9	37	30	34	T	0.0	0	RW-		M	M		31	0
10	39	21	30	0.00	0.0	0			M	M		35	0
11	40	31	36	T	0.0	0	RW-		M	M		29	0
12	48	40	44	0.16	0.0	0	RW-		M	M		21	0
13	55	41	48	0.09	0.0	0	RW-,F(AM)		M	M		17	0
14	54	43	49	0.19	0.0	0	RW-		M	M		16	0
15	43	33	38	0.27	0.0	0	RW-		M	M		27	0
16	40	28	34	T	T	0	RW-,SW-		M	M		31	0
17	37	29	33	0.00	0.0	0			M	M		32	0
18	35	21	28	T	T	0	SW-		M	M		37	0
19	47	21	34	0.00	0.0	0			M	M		31	0
20	35	23	29	0.00	0.0	0			M	M		36	0
21	30	16	23	T	T	0	SW-		M	M		42	0
22	33	14	24	0.00	0.0	0			M	M		41	0
23	46	16	31	0.00	0.0	0			M	M		34	0
24	45	30	38	0.14	0.0	0	RW-, F(AM)		M	M		27	0
25	40	26	33	0.00	0.0	0			M	M		32	0
26	46	20	33	0.00	0.0	0			M	M		32	0
27	48	21	35	0.00	0.0	0			M	M		30	0
28	45	26	36	0.00	0.0	0			M	M		29	0
29	46	24	35	0.00	0.0	0			M	M		30	0
30	38	31	35	0.23	2.4	2	SW-,F(PM)		M	M		30	0
AVG/TOT	48.0	31.0	39.5	1.31	2.4							760	0
DEP.	-1.6	-2.0	-1.8	-2.14	+0.3				S			+49	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	18	0	12	7	6	0	0	1
DEP	0	-1	+3	0	-3	0	-2	-1		0

	WEATHER TYPES										SEASONAL DEGREE DAYS		PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-November
TOTAL	9	0	4	0	0	0	0	3	0	0	0	1116	913	47.68
DEP	0	-5	0	-1			-1	-1				-26	-73	+9.39

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.