



## Champaign-Urbana Weather Highlights – November 2009

Jim Angel, State Climatologist

**Temperatures** for November were above normal. The average high temperature of 55.6°F was 6.0°F above normal and the 7<sup>th</sup> warmest on record. The average low temperature of 36.8°F was 3.8°F above normal and the 11<sup>th</sup> warmest on record. The average mean temperature of 46.2°F was 4.9°F above normal and the 8<sup>th</sup> warmest on record.

**Precipitation** for November was 3.92 inches, 0.47 inches above normal. The January-November precipitation total was 47.47 inches, 9.18 inches above normal, and the 3<sup>rd</sup> wettest on record. It is nearly tied with last year when we had 47.46 inches through November.

**Snowfall** for November was 0.0 inches. That happens about 36% of the time in Champaign-Urbana. Normal November snowfall is 2.1 inches. The snowiest November on record was 1932 with 11.2 inches.

Climatological normal is defined as the 30-year average from 1971 to 2000 and is updated every 10 years.

### Additional Information

Additional information for November can be found at the Illinois Climate Network site that is collocated with our cooperative weather observer site at <http://www.sws.uiuc.edu/warm/data/2009/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.isws.illinois.edu/atmos/statecli/>.

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## Local Climatological Data Champaign-Urbana, IL - 118740

Illinois State Water Survey  
Water Survey Research Center

**November 2009**

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	57	30	44	0.00	0.0	0			M	M		21	0
2	66	38	52	0.01	0.0	0	RW-		M	M		13	0
3	51	32	42	0.00	0.0	0			M	M		23	0
4	60	38	49	0.02	0.0	0	RW-		M	M		16	0
5	55	31	43	0.00	0.0	0	F(AM)		M	M		22	0
6	63	35	49	0.00	0.0	0			M	M		16	0
7	72	49	61	0.00	0.0	0			M	M		4	0
8	74	44	59	0.00	0.0	0			M	M		6	0
9	68	50	59	0.00	0.0	0			M	M		6	0
10	55	46	51	0.00	0.0	0			M	M		14	0
11	58	36	47	0.01	0.0	0			M	M		18	0
12	59	30	45	0.00	0.0	0			M	M		20	0
13	58	30	44	0.00	0.0	0			M	M		21	0
14	67	39	53	0.00	0.0	0			M	M		12	0
15	56	41	49	0.00	0.0	0			M	M		16	0
16	44	41	43	1.51	0.0	0	RW-,RW		M	M		22	0
17	46	40	43	1.13	0.0	0	RW,RW-		M	M		22	0
18	48	40	44	0.36	0.0	0	RW,RW-,F(PM)		M	M		21	0
19	46	35	41	0.15	0.0	0	RW-		M	M		24	0
20	53	30	42	0.11	0.0	0	RW-,F(AM)		M	M		23	0
21	58	36	47	0.00	0.0	0			M	M		18	0
22	60	38	49	0.00	0.0	0			M	M		16	0
23	57	37	47	0.00	0.0	0	F(AM)		M	M		18	0
24	54	40	47	0.00	0.0	0	F(AM)		M	M		18	0
25	48	38	43	0.55	0.0	0	RW,RW-		M	M		22	0
26	38	31	35	0.04	0.0	0	RW-		M	M		30	0
27	43	28	36	0.02	0.0	0	RW-		M	M		29	0
28	60	29	45	0.00	0.0	0			M	M		20	0
29	53	39	46	0.00	0.0	0			M	M		19	0
30	42	33	38	0.01	0.0	0	RW-,H		M	M		27	0
<b>AVG/TOT</b>	<b>55.6</b>	<b>36.8</b>	<b>46.2</b>	<b>3.92</b>	<b>0.0</b>							<b>557</b>	<b>0</b>
DEP.	+6.0	+3.8	+4.9	+0.47	-2.1				S			-154	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	0	9	0	12	12	6	3	2	0
DEP	0	-2	-6	0	+2	0	+1	+1		-1

	WEATHER TYPES										SEASONAL DEGREE DAYS		PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-November
TOTAL	11	0	0	0	0	0	0	5	0	1	0	1066	837	47.47
DEP	+2	-5	-4	-1			-1	+1	■	■	■	-76	-149	+9.18

**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.