

# Champaign-Urbana Weather Highlights – January 2009

Jim Angel, state climatologist

**Temperatures** ranged from a high of 46°F on January 4 to a low of -17°F on January 16. The monthly average maximum temperature was 27.7°F, 4.3 degrees below normal and the 16<sup>th</sup> coldest on record. The monthly average minimum temperature was 9.9°F, 6.8 degrees below normal and the 11<sup>th</sup> coldest on record. The monthly average mean temperature was 18.8°F, 5.6 degrees below normal and the 14<sup>th</sup> coldest on record.

**Precipitation** for January was 0.68 inches, 1.21 inches below normal and the 14<sup>th</sup> driest January on record.

**Snowfall** for January was 9.9 inches, 1.3 inches above normal and the 18<sup>th</sup> snowiest on record.

### **Additional Information**

Additional information for January 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/2009/January/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: <a href="http://www.cocorahs.com/">http://www.cocorahs.com/</a>.

For more information on the climate of Illinois, visit the web site at: <a href="http://www.isws.illinois.edu/atmos/statecli/">http://www.isws.illinois.edu/atmos/statecli/</a>.

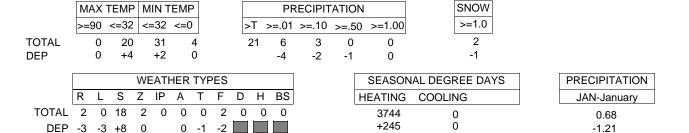
Contact Information: 2204 Griffith Drive Champaign, IL 61820-7495 Phone: 217-333-0729

Email: jimangel@illinois.edu

### January 2009

DATE	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER	WIND		DEGREE DAYS	
	Max	Min	Mean		Amnt	Depth	TYPES	Dir Speed (mph)	Peak Gust Gust Dir	Heat	Cool
1	34	17	26	0.00	0.0	0	S-	М	М	39	0
2	40	25	33	0.00	0.0	0		M	M	32	0
3	41	24	33	0.00	0.0	0		M	M	32	0
4	46	20	33	Т	0.0	0	RW-,F(PM,AM)	M	M	32	0
5	29	15	22	0.00	0.0	0		M	M	43	0
6	30	22	26	Т	Т	Т	SW-	M	M	39	0
7	28	18	23	0.01	Т	Т	R-,ZL,F(PM),SW-,	M	M	42	0
8	26	12	19	Т	0.1	Т	SW-	M	M	46	0
9	43	17	30	Т	Т	Т	SW-	M	M	35	0
10	34	20	27	0.04	0.0	0		M	M	38	0
11	28	18	23	Т	0.0	0		M	M	42	0
12	34	21	28	Т	0.2	Т	SW-	M	M	37	0
13	33	6	20	Т	M	Т	SW-	M	M	45	0
14	26	-3	12	0.15	4.5	5	S	M	M	53	0
15	-3	-14	-9	Т	Т	Т	SW-	M	M	74	0
16	9	-17	-4	0.00	0.0	3		M	M	69	0
17	32	6	19	0.00	0.0	3		M	M	46	0
18	24	12	18	Т	0.0	3	ZR-	M	M	47	0
19	21	7	14	0.01	0.3	3	SW-	M	M	51	0
20	19	3	11	Т	Т	3	SW-	M	M	54	0
21	32	1	17	Т	Т	3	SW-	M	M	48	0
22	44	15	30	0.00	0.0	3		M	M	35	0
23	37	19	28	0.00	0.0	Т		M	M	37	0
24	19	5	12	0.00	0.0	Т		M	M	53	0
25	11	5	8	Т	Т	Т	SW-	M	M	57	0
26	18	10	14	0.10	0.7	1	SW-	M	M	51	0
27	19	15	17	T	Т	T	SW-	M	M	48	0
28	17	1	9	0.37	4.0	5	S	M	M	56	0
29	29	12	21	Т	Т	T	SW-	M	M	44	0
30	20	1	11	Т	Т	5	S-	M	M	54	0
31	39	-6	17	0.00	0.0	5		M	M	48	0
AVG/TOT	27.7	9.9	18.8	0.68	9.9					1427	0
DEP.	-4.3	-6.8	-5.6	-1.21	+1.3			W		+168	0

#### **NUMBER OF DAYS and DEPARTURE**



Averages based on 1971-2000 data.

Temp midnight-midnight, Precip and Snow at 7 am LST

PRECIP INTENSITY

M = Missing

Precip amount "T" =Trace

- Light

+ Heavy

Moderate

## **WEATHER TYPES:**

R = Rain

L = Drizzle

S = Snow

Z = Freezing rain/drizzle D = DustIP = Ice pellets (sleet) H = Haze A = Hail

BS = Blowing snow

T = Thunder F = FogRW = Rainshower SW = Snowshower

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.