

# Champaign-Urbana Weather Highlights - February 2011

Jim Angel, State Climatologist

## **Temperatures**

The temperatures ranged from -12 °F on February 10 to 61 °F seven days later, a range of 73 °F in a week.

## Precipitation

The precipitation total for February was 3.77 inches, 1.76 inches above normal. It was the 9<sup>th</sup> wettest February on record. February records for Champaign-Urbana go back to 1889.

#### **Snowfall**

The snowfall total for February was 12.4 inches, 6.9 inches above normal. Combined with the record-setting 20.4 inches in December and the 8.1 inches in January, the seasonal snowfall total was 40.1 inches. As a result, it was the third snowiest December-February on record. *We consider December-February as our core winter months*. If you include the entire snowfall season which has the potential of running from October to May (yes, it has snowed in May back in 1929), this year's snowfall season is already the 6<sup>th</sup> snowiest on record. The five snowiest winters all had significant snowfall into March and even April.

#### **Additional Information**

For detailed rainfall reports in Champaign County, check out the new volunteer rain gauge network in Illinois called the <u>Community Collaborative Rain</u>, <u>Hail</u>, and <u>Snow Network</u> (CoCoRaHS) at <a href="http://www.cocorahs.org/">http://www.cocorahs.org/</a>.

Detailed monthly reports from the ISWS automated site are at <a href="http://www.isws.illinois.edu/warm/data/2011/February/Champaign.txt">http://www.isws.illinois.edu/warm/data/2011/February/Champaign.txt</a>.

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

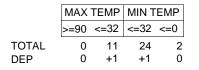
Also, check out the new state climatologist blog at <a href="http://climateillinois.wordpress.com/">http://climateillinois.wordpress.com/</a>

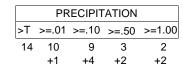
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### February 2011

	TEM	PERA	TURE	PRECIP (in)	SNC	W (in)	WEATHER	\	VIND	DEG	REE DAYS
DATE	Max	Min	Mean		Amnt	Depth	TYPES	Dir Spee (mph)		Heat	Cool
1	21	16	19	0.51	0.9	1	SW-,RW-,ZR,IP	N	1 M	46	0
2	21	7	14	1.01	6.0	7	ZR,IP,SW,BS	N	1 M	51	0
3	15	0	8	0.00	0.0	6	BS	N	M M	57	0
4	25	7	16	0.00	0.0	6		N	1 M	49	0
5	28	20	24	0.03	1.2	7	SW+,FZFG	N	M M	41	0
6	33	24	29	0.13	2.5	10	SW+,SW-,FZFG	N	1 M	36	0
7	30	17	24	0.00	0.0	9		N	M M	41	0
8	17	1	9	Т	Т	7	SW-	N	M M	56	0
9	12	2	7	0.00	0.0	7		N	M M	58	0
10	18	-12	3	0.00	0.0	7		N	M M	62	0
11	32	14	23	0.00	0.0	7		N	M M	42	0
12	37	24	31	0.00	0.0	7		N	1 M	34	0
13	44	31	38	0.00	0.0	6		N	1 M	27	0
14	44	27	36	0.00	0.0	5		N	M M	29	0
15	38	26	32	0.00	0.0	4		N	1 M	33	0
16	54	33	44	0.00	0.0	3		N	M M	21	0
17	61	43	52	0.00	0.0	2		N	1 M	13	0
18	55	35	45	0.00	0.0	0		N	M M	20	0
19	47	29	38	0.00	0.0	0		N	M M	27	0
20	59	32	46	0.28	0.0	0	RW-	N	M M	19	0
21	55	32	44	0.27	0.0	0	RW-,F(AM)	N	M M	21	0
22	32	27	30	0.28	Т	Т	RW-,SW-	N	И М	35	0
23	39	27	33	Т	Т	0	SW-	N	1 M	32	0
24	38	30	34	0.15	0.0	0	RW+,T,H,F(AM)	N	1 M	31	0
25	33	29	31	0.10	1.8	2	SW-	N	1 M	34	0
26	36	29	33	Т	Т	1	SW-,F(AM)	N	1 M	32	0
27	55	34	45	Т	0.0	Т	L,F(AM)	N	1 M	20	0
28	39	26	33	1.01	0.0	0	RW,T,F	N	И М	32	0
AVG/TOT	36.4	21.8	29.1	3.77	12.4					999	-
DEP.	-1.2	+0.1	-0.6	+1.76	+6.9			NW		+12	0

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

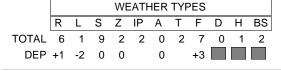






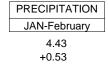
SNOW

>=1.0



SEASON	SEASONAL DEGREE DAYS							
HEATING	COOLING							
4641	0							
+155	0							

PRECIP INTENSITY



Precip amount "T" =Trace

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

IP = Ice pellets (sleet) H = Haze

Light ModerateHeavy

T = Thunder F = Fog RW = 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.