



Champaign-Urbana Weather Highlights – March 2009

Jim Angel, state climatologist

Temperatures ranged from a high of 75°F on March 24 to a low of 10°F on March 3. March temperatures finished 3.1°F above normal.

Precipitation for March was 2.62 inches, 0.59 inches below normal.

Snowfall for March was only 0.2 inches, 3.1 inches below normal. Total snowfall for the season is 18.7 inches, 7.5 inches below normal the normal seasonal total. Here is the breakdown by month:

Table 1. Monthly snowfall totals in inches for Champaign-Urbana for this winter and compared to normal (1971-2000).

Month	Observed	Normal
October '08	0.0	0.1
November '08	2.4	2.1
December '08	4.2	6.1
January '09	9.9	8.6
February '09	2.0	5.5
March '09	0.2	3.3
April '09	??	0.5
Total	18.7	26.2

Additional Information

Additional information for March 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/March/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

March 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	29	15	22	0.00	0.0	0			M	M		43	0
2	27	12	20	0.00	0.0	0			M	M		45	0
3	32	10	21	0.00	0.0	0			M	M		44	0
4	50	21	36	0.00	0.0	0			M	M		29	0
5	67	34	51	0.00	0.0	0			M	M		14	0
6	72	49	61	0.00	0.0	0			M	M		4	0
7	69	40	55	0.00	0.0	0			M	M		10	0
8	53	33	43	0.24	0.0	0	RW-,TRW		M	M		22	0
9	52	32	42	0.19	0.0	0	RW-, damaging wi		M	M		23	0
10	68	41	55	0.42	0.0	0	RW-		M	M		10	0
11	41	23	32	0.37	0.0	0	RW-		M	M		33	0
12	30	17	24	0.00	0.0	0			M	M		41	0
13	43	20	32	0.00	0.0	0			M	M		33	0
14	55	29	42	0.00	0.0	0			M	M		23	0
15	62	33	48	0.00	0.0	0			M	M		17	0
16	68	44	56	0.00	0.0	0			M	M		9	0
17	73	37	55	0.00	0.0	0	F(AM)		M	M		10	0
18	65	43	54	0.00	0.0	0			M	M		11	0
19	54	29	42	T	0.0	0	RW-		M	M		23	0
20	50	24	37	0.00	0.0	0			M	M		28	0
21	62	38	50	0.00	0.0	0			M	M		15	0
22	57	35	46	0.00	0.0	0			M	M		19	0
23	68	49	59	0.00	0.0	0			M	M		6	0
24	75	50	63	T	0.0	0	RW-		M	M		2	0
25	56	41	49	0.76	0.0	0			M	M		16	0
26	59	40	50	0.00	0.0	0			M	M		15	0
27	59	34	47	T	0.0	0	RW-		M	M		18	0
28	46	31	39	0.00	0.0	0			M	M		26	0
29	42	31	37	0.62	0.2	T	RW-,RW,T,SW-,F(M	M		28	0
30	57	27	42	T	T	0	SW-		M	M		23	0
31	56	35	46	0.02	0.0	0	RW-		M	M		19	0
AVG/TOT	54.7	32.2	43.5	2.62	0.2							659	0
DEP.	+5.1	+1.0	+3.1	-0.59	-3.1				S			-106	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	4	14	0	11	7	6	2	0				0	
DEP	0	+1	-4	0					-4	-1	0	-1	-1	

	WEATHER TYPES										SEASONAL DEGREE DAYS		PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-March
TOTAL	9	0	2	0	0	0	2	2	0	0	0	5344	0	4.98
DEP	-1	-4	-4	-1	-1	-1	-2	■	■	■		+93	0	-2.13

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.