Champaign-Urbana Weather Highlights – February 2008

ILLINOIS STATE WATER SURVEY Jim Angel, State Climatologist 2204 Griffith Drive Champaign, IL 61820 jimangel@uiuc.edu

Temperatures ranged from a high of 55°F on February 4 to a low of 3°F on February 11. While the monthly maximum, minimum, and mean monthly temperatures were all below normal they did not make the top ten list of coldest Februarys.

Precipitation for February was 5.96 inches, 3.95 inches above normal and the second wettest February on record. February 1990 is the wettest on record with 6.05 inches. This is also the third wettest winter (December – February) with a total of 11.22 inches of precipitation. Precipitation includes all rainfall events plus the liquid content of any snowfall events.

Snowfall for February snowfall was 15.2 inches, 9.7 inches above normal and the seventh snowiest February on record. The seasonal snowfall total is at 24.3 inches compared to a normal of 26.2 inches. Of course, there are always opportunities for snow in March.

Additional Information

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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/.

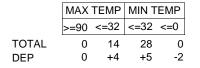
JRA

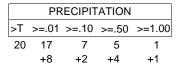
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February 2008

	TEM	PERA	TURE	PRECIP (in)	SNO	W (in)	WEATHER			ND	DEG	REE DAYS
DATE	Max	Min	Mean		Amnt	Depth	TYPES			Peak Gust	Heat	Cool
								(mp	h)	Gust Dir		
1	27	23	25	0.57	6.2	6	SW+		М	М	40	0
2	34	23	29	0.02	0.3	6	SW-, F(PM)		М	M	36	0
3	32	14	23	0.00	0.0	6	F		Μ	М	42	0
4	55	32	44	0.74	Т	4	L,ZR-,IP-,TRW,F		M	M	21	0
5	53	33	43	0.78	0.0	0	TRW, RW-, F		М	M	22	0
6	36	28	32	2.23	0.0	0	TRW+, RW-, F		М	M	33	0
7	30	27	29	0.06	Т	Т	L, RW-, SW-		M	M	36	0
8	43	30	37	0.01	0.1	Т	SW-		М	M	28	0
9	47	22	35	0.06	0.0	0	L, RW-		M	M	30	0
10	22	5	14	0.00	0.0	0			M	M	51	0
11	18	3	11	0.02	0.3	Т	SW-		M	M	54	0
12	20	14	17	Т	Т	Т	SW-		Μ	M	48	0
13	28	9	19	Т	Т	Т	ZL, SW-		M	M	46	0
14	40	18	29	0.00	0.0	Т			Μ	M	36	0
15	35	19	27	0.00	0.0	0			M	M	38	0
16	42	13	28	0.00	0.0	0			Μ	M	37	0
17	53	32	43	0.78	0.0	0	RW		Μ	M	22	0
18	33	9	21	0.09	Т	Т	TRW-, RW+, SW-		Μ	M	44	0
19	23	7	15	Т	Т	Т	SW-		Μ	M	50	0
20	22	10	16	0.03	0.8	1	SW-, BS		М	M	49	0
21	21	8	15	0.00	0.0	Т			Μ	M	50	0
22	25	18	22	0.08	1.1	1	SW		М	M	43	0
23	29	7	18	0.21	3.8	5	SW,SW+,F(PM)		М	M	47	0
24	34	7	21	0.00	0.0	3	F(AM)		Μ	M	44	0
25	34	31	33	0.00	0.0	2			М	M	32	0
26	33	21	27	0.18	0.9	2	RW-,SW-,BS		М	M	38	0
27	25	16	21	0.01	0.4	2	RW-, SW-		М	M	44	0
28	30	10	20	0.00	0.0	2			М	M	45	0
29	41	27	34	0.09	1.3	3	SW-		М	M	31	0
AVG/TOT	33.3	17.8	25.6	5.96	15.2						1137	0
DEP.	-4.3	-3.9	-4.1	+3.95	+9.7			NW			+150	0

NUMBER OF DAYS and DEPARTURE

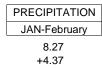






	WEATHER TYPES										
	R	L	S	Z	ΙP	Α	Τ	F	D	Н	BS
TOTAL	9	3	16	2	1	0	4	7	0	0	2
DEP	+4	0	+7	0		0		+3			

SEASONAL DEGREE DAYS							
HEATING	COOLING						
4335	0						
-151	0						
	HEATING 4335						



Precip amount "T" =Trace

Averages based on 1971-2000 data.

Temp midnight-midnight, Precip and Snow at 8 am LST

M = Missing

WEATHER TYPES:

R = Rain

Z = Freezing rain/drizzle D = Dust IP = Ice pellets (sleet) H = Haze

PRECIP INTENSITY - Light

Moderate

+ Heavy

 $\begin{array}{lll} L = Drizzle & & IP = Ice \ pellets \ (sleet) & & H & = Haze \\ S = Snow & A & = Hail & & BS & = Blowing \ snow \end{array}$

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.

WIND: DIR is the 24 hr prevailing direction (greatest number of hours). Speed is the daily average of 24 hourly average wind speeds.

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