Champaign-Urbana Weather Highlights – February 2008

ILLINOIS STATE WATER SURVEY
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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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Local Climatological Data

Champaign-Urbana, IL - 118740

February 2008

Illinois State Water Survey
Water Survey Research Center

DATE	TEMPERATURE Max	Min	Mean	PRECIP (in)	SNOW (in) Amnt	Depth	WEATHER TYPES	WIND Dir	Speed (mph)	Peak Gust	Gust Dir	DEGREE DAYS Heat	Cool
1	27	23	25	0.57	6.2	6	SW+		M	M		40	0
2	34	23	29	0.02	0.3	6	SW-, F(PM)		M	M		36	0
3	32	14	23	0.00	0.0	6	F		M	M		42	0
4	55	32	44	0.74	T	4	L,ZR-,IP-,TRW,F		M	M		21	0
5	53	33	43	0.78	0.0	0	TRW, RW-, F		M	M		22	0
6	36	28	32	2.23	0.0	0	TRW+, RW-, F		M	M		33	0
7	30	27	29	0.06	T	T	L, RW-, SW-		M	M		36	0
8	43	30	37	0.01	0.1	T	SW-		M	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	T	SW-		M	M		54	0
12	20	14	17	T	T	T	SW-		M	M		48	0
13	28	9	19	T	T	T	ZL, SW-		M	M		46	0
14	40	18	29	0.00	0.0	T			M	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			M	M		37	0
17	53	32	43	0.78	0.0	0	RW		M	M		22	0
18	33	9	21	0.09	T	T	TRW-, RW+, SW-		M	M		44	0
19	23	7	15	T	T	T	SW-		M	M		50	0
20	22	10	16	0.03	0.8	1	SW-, BS		M	M		49	0
21	21	8	15	0.00	0.0	T			M	M		50	0
22	25	18	22	0.08	1.1	1	SW		M	M		43	0
23	29	7	18	0.21	3.8	5	SW,SW+,F(PM)		M	M		47	0
24	34	7	21	0.00	0.0	3	F(AM)		M	M		44	0
25	34	31	33	0.00	0.0	2			M	M		32	0
26	33	21	27	0.18	0.9	2	RW-,SW-,BS		M	M		38	0
27	25	16	21	0.01	0.4	2	RW-, SW-		M	M		44	0
28	30	10	20	0.00	0.0	2			M	M		45	0
29	41	27	34	0.09	1.3	3	SW-		M	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

	MAX TEMP >=90	<=32	MIN TEMP <=32	<=0	PRECIPITATION >T	>=.01	>=.10	>=.50	>=1.00	SNOW >=1.0
TOTAL	0	14	28	0	20	17	7	5	1	4
DEP	0	+4	+5	-2		+8	+2	+4	+1	+2

	WEATHER TYPES R	L	S	Z	IP	A	T	F	D	H	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

PRECIPITATION JAN-February
8.27
+4.37

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
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 Moderate + Heavy

Precip amount "T" =Trace

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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