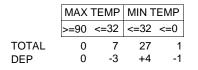
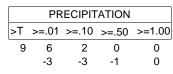
Illinois State Water Survey Water Survey Research Center

February 2006

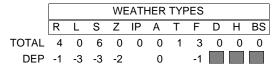
	TEMPERAT		TURE	PRECIP (in)	SNOW (in)		WEATHER	WIND			DEGREE DAYS	
DATE			Mean			Depth	TYPES	Dir	Speed (mph)	Peak Gust Gust Dir	Heat	Cool
1	53	29	41	0.00	0.0	0		S	7.4	22.9 SW	24	0
2	45	28	37	0.00	0.0	0	F(AM)	Е	1.9	10.2 SE	28	0
3	53	31	42	0.02	0.0	0	RW-	W	6.0	22.4 W	23	0
4	32	23	28	0.06	Т	0	TRW-,TRW,SW-	NW	8.3	21.5 NW	37	0
5	32	18	25	Т	Т	0	SW-	W	8.1	24.3 W	40	0
6	39	17	28	0.00	0.0	0		NW	5.9	20.1 W	37	0
7	39	19	29	0.00	0.0	0		NW	4.4	14.9 W	36	0
8	37	21	29	0.00	0.0	0		Ν	4.7	17.4 N	36	0
9	34	15	25	0.00	0.0	0		S	5.6	15.3 S	40	0
10	43	23	33	0.00	0.0	0		SW	4.3	18.0 W	32	0
11	40	28	34	0.01	0.1	0	SW-	N	5.4	18.0 N	31	0
12	29	22	26	0.02	0.1	Т	SW-	W	6.9	17.0 W	39	0
13	37	13	25	Т	Т	Т	SW-	SW	9.9	30.0 SW	40	0
14	56	25	41	0.00	0.0	0		SW	9.6	24.0 SW	24	0
15	54	33	44	0.00	0.0	0		SW	4.5	18.6 SW	21	0
16	60	26	43	0.30	0.0	0	RW-, F(AM)	S	10.5	30.4 W	22	0
17	29	9	19	0.11	0.0	0	RW	NW	8.7	29.3 N	46	0
18	11	-1	5	Т	Т	0	SW-		М	M	60	0
19	20	2	11	0.00	0.0	0		SW	4.3	14.5 W	54	0
20	30	10	20	0.00	0.0	0		SW	6.8	17.5 SW	45	0
21	46	17	32	0.00	0.0	0		SW	5.5	15.9 SW	33	0
22	50	22	36	0.00	0.0	0	F(AM)	SW	4.5	15.1 W	29	0
23	54	22	38	0.00	0.0	0		W	6.7	26.4 W	27	0
24	50	22	36	0.00	0.0	0		S	8.2	21.1 S	29	0
25	46	23	35	0.00	0.0	0		Ν	10.5	28.5 N	30	0
26	39	17	28	0.00	0.0	0		W	4.9	15.9 W	37	0
27	57	27	42	0.00	0.0	0		SW	6.1	16.5 NE	23	0
28	53	27	40	0.00	0.0	0		NE	4.4	14.2 NE	25	0
AVG/TOT	41.7	20.3	31.0	0.52	0.2			NW	6.4		948	0
DEP.	+4.1	-1.4	+1.3	-1.49	-5.3			NW	-1.1		-39	0

NUMBER OF DAYS and DEPARTURE



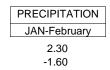






SEASONAL DEGREE DAYS							
HEATING	COOLING						
3989	0						
-497	0						
	HEATING 3989						

PRECIP INTENSITY



Averages based on 1971-2000 data.

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

- Light Precip amount "T" =Trace

WEATHER TYPES:R = Rain Z = Freezing

L = Drizzle

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

H = HazeBS = Blowing snow

Moderate + Heavy

M = Missing

 $S = Snow \qquad A = Hail \qquad \qquad BS = Blowing \ snow \\ T = Thunder \qquad F = Fog \qquad \qquad RW = Rainshower \qquad SW = Snowshower$

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.

Champaign-Urbana Weather Highlights – February 2006

ILLINOIS STATE WATER SURVEY

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

Temperature – ranged from 60°F on February 16 to -1°F on February 18. While the monthly average high temperature and the monthly average mean temperature were above normal, they were not of noteworthy rank. **Winter (December-February)** temperatures were above normal. The average high temperature was 39.5°F, 4.0°F above normal, and the 17th warmest on record. The average low temperature was 23.0°F, 2.8°F above normal, and the 22nd warmest on record. The average mean temperature was 31.5°F, 3.4°F above normal, and the 16th warmest on record.

Precipitation – no daily records were set this month. Precipitation was well below-normal, 0.52" (1.49" below normal), and the 8th driest February on record. Snowfall was well below-normal, 0.2" (5.3" below normal), and was the 3rd lowest February snowfall on record. **Winter (December-February)** precipitation was 4.16", 2.5" below normal and the 24th driest winter on record. Snowfall was 11.8", 8.4" below normal, and the 36th lowest winter snowfall on record. While the snowfall total was low, it was a long way away from the lowest winter snowfall total of 2.3" during 1972-73.

Observer's Note – the wind statistics reported here and on the voicemail recording are not part of the climatic archive maintained by this office. They are from another Water Survey network co-located with our site (see below).

http://www.sws.uiuc.edu/atmos/statecli/Champ-Urb/CU.htm.

Additional Information

Additional information for February 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. These data are usually posted a few days after the end of the month at:

http://www.sws.uiuc.edu/warm/data/2006/February/Champaign.txt

JRA

The daily climate statistics are available by touch-tone phone. Call 333-8890 and select menu option 1. The recording is updated daily Monday through Friday by 8:30 a.m. For this and other climate data, visit the State Climatologist web site at http://www.sws.uiuc.edu/atmos/statecli/