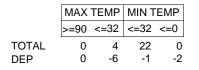
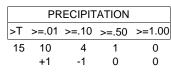
Illinois State Water Survey Water Survey Research Center

February 2005

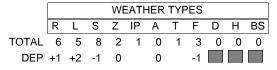
	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER	WIND			DEGI	DEGREE DAYS	
DATE	Max	Min	Mean		Amnt	Depth	TYPES	Dir	Speed (mph)	Peak Gust Gust Dir	Heat	Cool	
1	33	18	26	0.00	0.0	2		NE	4.0	10.3 NE	39	0	
2	33	17	25	0.00	0.0	2	F	NE	4.1	10.2 NE	40	0	
3	42	21	32	0.00	0.0	Т		NW	3.7	11.2 SW	33	0	
4	48	24	36	0.00	0.0	Т	F+	SW	3.4	12.0 SW	29	0	
5	53	29	41	0.00	0.0	Т	R-	SE	4.4	16.4 S	24	0	
6	48	34	41	0.00	0.0	0	R	SE	5.1	13.8 S	24	0	
7	47	37	42	0.31	0.0	0	R,F+	S	6.1	17.5 S	23	0	
8	37	30	34	0.22	0.0	0	R,S	Ν	6.3	14.6 N	31	0	
9	30	27	29	0.06	0.9	1	S	NW	5.0	12.8 NE	36	0	
10	27	21	24	0.01	0.4	1	S-	NW	6.8	16.6 W	41	0	
11	42	20	31	Т	Т	Т		W	7.3	18.6 W	34	0	
12	51	29	40	0.00	0.0	Т		SW	4.1	12.5 SW	25	0	
13	53	38	46	0.07	0.0	0	R	SE	8.9	20.4 SW	19	0	
14	51	37	44	0.88	0.0	0	R	W	10.6	28.4 W	21	0	
15	65	34	50	T	0.0	0	R, TRW	N	7.7	24.2 NE	15	0	
16	39	28	34	0.21	0.0	0	R-, S-	NW	7.0	22.1 W	31	0	
17	32	23	28	Т	Т	0	S-	NW	7.2	24.5 NW	37	0	
18	31	17	24	Т	Т	Т	S-	Ν	4.5	14.2 N	41	0	
19	36	18	27	0.00	0.0	0	S-, Z-,IP	SE	5.1	14.8 SW	38	0	
20	50	32	41	0.09	0.1	Т	Z-, L	SE	7.9	19.5 S	24	0	
21	40	34	37	0.08	0.0	0		NW	4.3	12.9 N	28	0	
22	37	29	33	Т	0.0	0	R-	NW	4.9	15.6 W	32	0	
23	39	23	31	0.00	0.0	0		NE	2.7	10.6 NE	34	0	
24	39	30	35	0.00	0.0	0		NE	3.1	10.6 NW	30	0	
25	49	32	41	0.00	0.0	0		SW	5.4	17.3 W	24	0	
26	46	29	38	0.00	0.0	0		Ν	6.1	18.8 NE	27	0	
27	44	28	36	0.00	0.0	0		SE	2.5	11.6 SE	29	0	
28	38	24	31	0.07	0.7	1	R-, S-	NW	9.0	24.4 W	34	0	
AVG/TOT	42.1	27.3	34.7	2.00	2.1			NW	5.6		843	0	
DEP.	+4.5	+5.6	+5.0	-0.01	-3.4			NW	-1.9		-144	0	

NUMBER OF DAYS and DEPARTURE

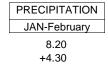








SEASONAL DEGREE DAYS							
HEATING	COOLING						
3957	0						
-529	0						



Averages based on 1971-2000 data.

F = Fog

WEATHER TYPES:

T = Thunder

Temp midnight-midnight, Precip and Snow at 7 am LST

PRECIP INTENSITY - Light Precip amount "T" =Trace

+ Heavy

M = Missing

Moderate

R = RainZ = Freezing rain/drizzle D = DustIP = Ice pellets (sleet) L = Drizzle H = Haze S = SnowA = Hail

BS = Blowing snow

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.

Champaign-Urbana Weather Highlights – February 2005

ILLINOIS STATE WATER SURVEY

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

Temperature – ranged from 17 degrees on both February 2 and 18 to 65 degrees on February 15. While the high, low, and mean temperatures for the month were above normal, none of them were in the top-ten list. The monthly high temperature was the 22nd warmest; the monthly low temperature was 17th warmest; and the monthly mean temperature was the 17th warmest since 1889.

Precipitation – no daily records were set this month. The snowfall for the month was much below normal and was the 18th least snowiest February on record.

Winter Statistics – for the period of December 2004 through February 2005:

- Average high temperature: 38.9 degrees (22nd warmest since 1889)
- Average low temperature: 24.1 degrees (14th warmest since 1889)
- Average mean temperature: 31.5 degrees (15th warmest since 1889)
- Total precipitation: 10.22 inches (6th wettest since 1889)
- Total snowfall: 11.9 inches (36th driest since 1903)

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/2005/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 8:00 a.m. For this and other climate data, visit the State Climatologist web site at http://www.sws.uiuc.edu/atmos/statecli/