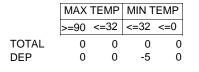
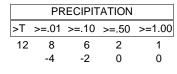
Illinois State Water Survey Water Survey Research Center

April 2005

	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER	WIND			DEGI	REE D	DAYS
DATE	Max	Min	Mean		Amnt	Depth	TYPES	Dir		Peak Gust Gust Dir	Heat	Cool	Corn
1	56	37	47	0.00	0.0	0	L, R	N	6.1	25.4 N	18	0	3
2	57	38	48	0.20	0.0	0		Ν	8.7	26.2 N	17	0	4
3	67	35	51	0.00	0.0	0		W	3.9	14.3 NW	14	0	9
4	79	42	61	0.00	0.0	0		S	5.7	19.6 S	4	0	15
5	75	45	60	0.00	0.0	0		S	8.8	25.2 SW	5	0	13
6	73	52	63	0.00	0.0	0	L	SE	4.9	19.7 S	2	0	13
7	55	44	50	Т	0.0	0	F	NE	9.6	25.4 N	15	0	3
8	70	41	56	0.00	0.0	0		NE	5.3	16.5 NE	9	0	10
9	76	41	59	0.00	0.0	0		SE	3.3	13.1 SE	6	0	13
10	82	53	68	0.00	0.0	0		SE	6.2	19.7 S	0	3	18
11	80	57	69	0.00	0.0	0	L	SE	6.8	30.5 S	0	4	19
12	62	43	53	0.92	0.0	0	R, L	Ε	4.8	16.2 NE	12	0	6
13	62	39	51	0.23	0.0	0	R-	NE	9.9	24.6 NE	14	0	6
14	67	36	52	0.00	0.0	0		NE	6.1	17.5 N	13	0	9
15	72	39	56	0.00	0.0	0		Ε	2.5	12.6 NE	9	0	11
16	75	42	59	0.00	0.0	0		S	3.5	16.2 S	6	0	13
17	81	46	64	0.00	0.0	0		SW	3.7	12.8 SW	1	0	16
18	82	49	66	0.00	0.0	0		S	4.0	15.3 SW	0	1	16
19	79	51	65	0.00	0.0	0		S	8.5	24.5 SW	0	0	15
20	81	47	64	0.00	0.0	0	TRW	SW	7.1	20.1 N	1	0	16
21	61	47	54	1.98	0.0	0	TRW, L, F	NE	4.2	13.8 NE	11	0	6
22	68	41	55	0.28	0.0	0	TRW, L, F	Ν	8.2	29.0 N	10	0	9
23	42	35	39	80.0	0.0	0	S-	Ν	9.4	22.9 N	26	0	0
24	55	33	44	Т	Т	0		NW	7.8	24.9 W	21	0	3
25	65	35	50	0.00	0.0	0	R-	W	8.7	23.6 W	15	0	8
26	58	41	50	0.23	0.0	0	R-, R	W	7.1	22.5 W	15	0	4
27	56	38	47	Т	0.0	0		W	8.2	24.1 W	18	0	3
28	59	41	50	0.00	0.0	0		SW	3.5	14.9 SW	15	0	5
29	55	44	50	Т	0.0	0	R, L	NE	3.3	13.3 N	15	0	3
30	59	38	49	0.06	0.0	0		NW	4.9	19.9 W	16	0	5
AVG/TOT	67.0	42.3	54.7	3.98	0.0			NE	6.2		308	8	274
DEP.	+4.8	+1.5	+3.2	+0.33	-0.5			S	-1.7		-104	0	+68

NUMBER OF DAYS and DEPARTURE







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

SEASONAL DEGREE DAYS									
HEATING	COOLING	CORN							
5085	8	370							
-578	0	+63							

PRECIPITATION
JAN-April
13.91
+3.15

Precip amount "T" =Trace

Averages based on 1971-2000 data.

F = Fog

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

M = Missing

WEATHER TYPES:

R = Rain

T = Thunder

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

PRECIP INTENSITY: - Light
Moderate
+ Heavy

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 – April 2005

ILLINOIS STATE WATER SURVEY

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

Temperature – ranged from 33 degrees on April 24 to 82 degrees on April 10 and 18. The average monthly high temperature was as the 9th warmest since 1889 (tied with 1942) while the average monthly mean temperature was the 12th warmest since 1899 (tied with 1960). The average monthly low temperature was the 25th warmest since 1899 (tied with 1958, 2004).

Precipitation – no daily records were set this month.

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). On occasion we do not get the wind statistics right away because of circumstances beyond our control.

Additional Information

Additional information for April 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/April/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/