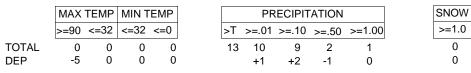
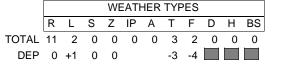
Illinois State Water Survey Water Survey Research Center

August 2004

	TEM	PERA	TURE	PRECIP (in)	SNOW (in)		WEATHER	WIND			DEGREE DAYS		
DATE	Max	Min	Mean		Amnt	Depth	TYPES		Speed (mph)	Peak Gust Gust Dir	Heat	Cool	Corn
1	87	61	74	0.00	0.0	0		SE	1.9	10.7 W	0	9	24
2	85	65	75	Т	0.0	0	TRW-	SE	2.6	15.5 W	0	10	25
3	88	63	76	0.00	0.0	0	F(AM)	S	2.0	9.2 SE	0	11	25
4	83	65	74	0.15	0.0	0	TRW	NE	4.5	23.9 N	0	9	24
5	75	57	66	0.00	0.0	0		N	5.2	15.7 E	0	1	16
6	75	53	64	0.00	0.0	0		NE	2.9	12.5	1	0	14
7	77	51	64	0.00	0.0	0		CALM	1.3	9.0	1	0	14
8	81	54	68	0.00	0.0	0		S	2.1	12.8	0	3	18
9	85	60	73	0.86	0.0	0	TRW	SW	4.5	31.4 W	0	8	23
10	72	58	65	0.00	0.0	0		W	5.2	21.5 W	0	0	15
11	68	50	59	0.00	0.0	0		W	5.0	21.5 NW	6	0	ç
12	66	48	57	Т	0.0	0	L-	NW	2.7	12.8 NW	8	0	8
13	72	51	62	0.00	0.0	0			1.9	11.3 W	3	0	12
14	73	48	61	0.00	0.0	0		N	1.9	9.0	4	0	12
15	76	51	64	0.00	0.0	0		N	1.6	9.4	1	0	14
16	79	51	65	0.00	0.0	0		SW	2.3	12.2 W	0	0	15
17	83	55	69	0.00	0.0	0	F(AM)	SW	4.1	13.1 SW	0	4	19
18	84	62	73	0.05	0.0	0		W	4.0	16.2 SW	0	8	23
19	72	64	68	0.00	0.0	0		NW	1.7	8.0 N	0	3	18
20	68	55	62	0.44	0.0	0	R-	NE	2.9	12.5 N	3	0	12
21	78	52	65	0.00	0.0	0		NW	1.9	9.5 W	0	0	15
22	82	54	68	0.00	0.0	0		S	3.0	16.0 S	0	3	18
23	86	58	72	Т	0.0	0		SE	2.3	10.4 S	0	7	22
24	86	66	76	0.11	0.0	0	R-	S	4.3	18.1 S	0	11	26
25	75	66	71	1.07	0.0	0	TRW	S	4.1	23.1	0	6	21
26	85	67	76	0.10	0.0	0	TRW	S	6.6	19.0 S	0	11	26
27	86	71	79	0.36	0.0	0	TRW	SW	5.1	21.5 SW	0	14	29
28	85	66	76	0.27	0.0	0	R	W	2.8	11.0 NW	0	11	26
29	69	57	63	0.18	0.0	0	R	N	3.4	12.7 NE	2	0	13
30	78	53	66	0.00	0.0	0		N	1.6	9.4 W	0	1	16
31	82	58	70	0.00	0.0	0		NE	1.7	7.9 W	0	5	20
AVG/TOT	78.7	57.7	68.2	3.59	0.0			S	3.1		29	135	57
DEP.	-4.5	-5.0	-4.8	-0.78	0.0			NE	-1.1		+28	-120	-119

NUMBER OF DAYS and DEPARTURE





SEASONAL DEGREE DAYS						
HEATING	COOLING	CORN				
29 +28	685 -176	2762 -43				

Ī	PRECIPITATION
	JAN-August
	30.01
	+1.20

Averages based on 1971-2000 data.

All data midnight-midnight.

Snow depth at 7am LST.

M = Missing

WEATHER TYPES:

R = Rain

L = Drizzle

S = Snow

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

A = HailBS = Blowing snow PRECIP INTENSITY - Light Moderate

Precip amount "T" =Trace

+ Heavy

T = Thunder F = FogRW = 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 – August 2004

ILLINOIS STATE WATER SURVEY

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Temperature – several temperature records were set or tied this month

- I On the 11th, the following records were set:
 - o Coldest high (68) old record was 71 in 1952;
 - o Coldest mean (59) old record was 61 in 1967.
- On the 12th, the following records were set or tied:
 - o Coldest high (66) old record was 68 in 1964;
 - o Coldest mean (57) old record was 62 in 1964;
 - o Coldest low (48) tied record held in 1967.
- On the 14th, the following records were tied:
 - o Coldest low (48) tied with 1924;
 - o Coldest mean (61) tied with 1979.
- On the 16th, the following record was tied:
 - o Coldest low (51) tied with 1927.

Through August 31, this year has had five days at or above 90 – the third fewest number since full yearly records began in 1889. The year 1915 holds the record for fewest 90 degree days, only one. The years 1889 and 1992 are in second place with 3 days. The years 1950, 1982, 1985, 2000, and 2004 are in third place, all with 5 days. Of course, it is still possible to hit 90 degrees in September so the ranking will not be final until next month.

August 2004 had the 3rd coldest average monthly high temperature; the 7th coldest average monthly low temperature; and the 3rd coldest average monthly mean temperature since complete August records began in 1889.

Precipitation

• No records set or tied.

Additional information for August 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/2004/August/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/