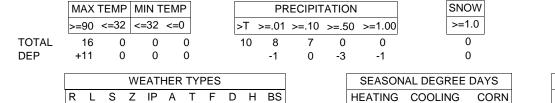
Illinois State Water Survey Water Survey Research Center

August 2007

	TEMPERATURE		TURE	PRECIP (in)	SNOW (in)		WEATHER			ND	DEG	REE D	AYS
DATE	Max	Min	Mean		Amnt	Depth	TYPES		peed mph)	Peak Gust Gust Dir	Heat	Cool	Corn
1	90	68	79	0.00	0.0	0			М	M	0	14	27
2	90	66	78	0.00	0.0	0	Н		M	M	0	13	26
3	90	71	81	0.00	0.0	0	Н		M	M	0	16	29
4	85	70	78	0.20	0.0	0	TRW		M	M	0	13	28
5	90	71	81	0.00	0.0	0	Н		M	M	0	16	29
6	89	75	82	0.00	0.0	0			M	M	0	17	31
7	94	75	85	0.00	0.0	0			M	M	0	20	31
8	91	73	82	0.00	0.0	0			M	M	0	17	30
9	91	73	82	0.00	0.0	0			M	M	0	17	30
10	90	70	80	0.00	0.0	0	F(AM)		M	M	0	15	28
11	91	66	79	0.00	0.0	0			M	M	0	14	26
12	97	68	83	0.00	0.0	0			M	M	0	18	27
13	91	67	79	0.00	0.0	0			M	M	0	14	27
14	89	63	76	0.15	0.0	0	TRW		M	M	0	11	25
15	88	70	79	0.16	0.0	0	TRW		M	M	0	14	28
16	83	70	77	Т	0.0	0	RW-		M	M	0	12	27
17	85	64	75	0.10	0.0	0	TRW, H		M	M	0	10	25
18	79	59	69	0.00	0.0	0			M	M	0	4	19
19	88	65	77	0.05	0.0	0	RW-		M	M	0	12	26
20	84	72	78	0.18	0.0	0	RW		M	M	0	13	28
21	89	72	81	0.42	0.0	0	TRW, RW-		M	M	0	16	29
22	93	71	82	0.00	0.0	0			M	M	0	17	29
23	95	68	82	0.00	0.0	0			M	M	0	17	27
24	94	69	82	0.00	0.0	0			M	M	0	17	28
25	82	67	75	0.22	0.0	0	TRW, L		M	M	0	10	25
26	82	61	72	Т	0.0	0	L		M	M	0	7	22
27	89	59	74	0.00	0.0	0			M	M	0	9	23
28	95	63	79	0.00	0.0	0			M	M	0	14	25
29	96	66	81	0.00	0.0	0	Н		M	M	0	16	26
30	82	61	72	0.00	0.0	0			M	M	0	7	22
31	82	58	70	0.00	0.0	0			М	М	0	5	20
AVG/TOT	88.8	67.5	78.2	1.48	0.0						(
DEP.	+5.6	+4.8	+5.2	-2.89	0.0			NE			-1	+160	+132

NUMBER OF DAYS and DEPARTURE



Temp midnight-midnight, Precip and Snow at 8 am LST Averages based on 1971-2000 data.

0 5 0

1

0 -5

0 6

21.99 -6.82

M = Missing

+ Heavy

PRECIPITATION

JAN-August

PRECIP INTENSITY - Light Precip amount "T" =Trace Moderate

1093

+232

3230

+425

0

-1

R = RainZ = Freezing rain/drizzle D = DustL = Drizzle IP = Ice pellets (sleet) H = Haze S = SnowA = HailBS = Blowing snow

2

0

0 0

0 0

9

DEP -2 +1

WEATHER TYPES:

TOTAL

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.

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 – August 2007

ILLINOIS STATE WATER SURVEY

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Temperatures ranged from 56 °F on August 31 and 97 °F on August 12. The monthly average mean daily temperature was 78.2 °F, 5.2 °F above normal and the 6th warmest since records began in 1889. The monthly average high temperature was 88.8 °F, 5.6 °F above normal and the 6th warmest on record. The monthly average low temperature was 67.5 °F, 4.8 °F and 6th warmest on record. There were 16 days at or above 90°F reported in August.

Precipitation total for August was 1.48", 2.89" below normal and the 14th driest August on record.

Summer precipitation was 10.60", 2.65" below normal. Summer average mean daily temperature was 75.1 °F, 1.6 °F above normal.

Additional Information

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. Usually, these data are posted several days after the end of the month at: http://www.sws.uiuc.edu/warm/data/2007/August/Champaign.txt

For detailed rainfall reports, check out the new volunteer raingage network in Illinois called CoCoRaHS (Community Collaborative Rain, Hail and Snow Network at http://www.cocorahs.com/.

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/