



Champaign-Urbana Weather Highlights – August 2008

Jim Angel, state climatologist

Temperatures ranged from a high of 90°F on August 4 to a low of 55°F on August 26. The monthly average maximum temperature was 82.4 °F, 0.8 degrees below normal. The monthly average minimum temperature was 61.7 °F, 1.0 degrees below normal. The monthly average mean temperature was 72.1 °F, 0.9 degrees below normal.

Precipitation for August was 0.78 inches, 3.59 inches below normal and the sixth driest August with records going back to 1889. Despite the dry August, the January-August precipitation was 35.08 inches, 6.27 inches above normal and still the tenth wettest on record since 1889.

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/2008/August/Champaign.txt>.

For detailed rainfall reports, check out the new volunteer raingage network in Illinois called the Community Collaborative Rain, Hail and Snow Network (CoCoRaHS) at:

<http://www.cocorahs.com/>.

For more information on the climate of Illinois, visit the web site at:

<http://www.sws.uiuc.edu/atmos/statecli/>.

Starting July 1, 2008, the Illinois State Water Survey transferred from the Illinois Department of Natural Resources to the University of Illinois at Urbana-Champaign. Because of that switch, the style of this report has changed slightly with the highlights and appropriate affiliations on the first page and the weather statistics on the second page.

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Local Climatological Data

Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

August 2008

DATE	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER TYPES	WIND				DEGREE DAYS		
	Max	Min	Mean		Amnt	Depth		Dir	Speed (mph)	Peak Gust	Gust Dir	Heat	Cool	Corn
1	85	69	77	0.00	0.0	0			M	M		0	12	27
2	83	63	73	0.02	0.0	0			M	M		0	8	23
3	82	58	70	0.00	0.0	0			M	M		0	5	20
4	90	65	78	0.01	0.0	0	RW-		M	M		0	13	26
5	83	72	78	0.00	0.0	0			M	M		0	13	28
6	86	67	77	0.06	0.0	0	TRW,F(AM)		M	M		0	12	27
7	81	64	73	0.00	0.0	0			M	M		0	8	23
8	80	58	69	0.00	0.0	0			M	M		0	4	19
9	79	60	70	0.00	0.0	0			M	M		0	5	20
10	77	60	69	0.01	0.0	0			M	M		0	4	19
11	77	57	67	0.00	0.0	0			M	M		0	2	17
12	78	59	69	0.00	0.0	0			M	M		0	4	19
13	81	59	70	0.00	0.0	0			M	M		0	5	20
14	80	61	71	0.01	0.0	0	RW-, F(AM)		M	M		0	6	21
15	80	61	71	0.00	0.0	0			M	M		0	6	21
16	81	57	69	0.00	0.0	0			M	M		0	4	19
17	81	57	69	0.00	0.0	0			M	M		0	4	19
18	83	57	70	0.00	0.0	0			M	M		0	5	20
19	84	57	71	0.00	0.0	0			M	M		0	6	21
20	87	64	76	0.00	0.0	0			M	M		0	11	25
21	81	66	74	0.00	0.0	0			M	M		0	9	24
22	84	68	76	0.22	0.0	0	RW,RW-		M	M		0	11	26
23	89	66	78	0.11	0.0	0	RW-		M	M		0	13	26
24	82	61	72	0.00	0.0	0			M	M		0	7	22
25	79	58	69	0.00	0.0	0			M	M		0	4	19
26	80	55	68	0.00	0.0	0			M	M		0	3	18
27	86	60	73	0.00	0.0	0			M	M		0	8	23
28	79	61	70	0.00	0.0	0	F(AM)		M	M		0	5	20
29	85	68	77	0.34	0.0	0	RW-,H,TRW		M	M		0	12	27
30	85	61	73	0.00	0.0	0			M	M		0	8	23
31	87	63	75	0.00	0.0	0			M	M		0	10	25
AVG/TOT	82.4	61.7	72.1	0.78	0.0	0.0						0	227	687
DEP.	-0.8	-1.0	-0.9	-3.59	0.0				NE			-1	-28	-4

NUMBER OF DAYS and DEPARTURE

	MAX TEMP				MIN TEMP				PRECIPITATION					SNOW	
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00						>=1.0
TOTAL	1	0	0	0	8	8	3	0	0						0
DEP	-4	0	0	0		-1	-4	-3	-1						0

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-August
TOTAL	8	0	0	0	0	0	2	3	0	1	0	0	786	2739	35.08
DEP	-3	-1	0	0			-4	-3				-1	-75	-66	+6.27

Averages based on 1971-2000 data.

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

M = Missing

WEATHER TYPES:

R = Rain Z = Freezing rain/drizzle D = Dust
 L = Drizzle IP = Ice pellets (sleet) H = Haze
 S = Snow A = Hail BS = Blowing snow
 T = Thunder F = Fog RW = Rainshower SW = Snowshower

PRECIP INTENSITY

- Light Precip amount "T" =Trace
 Moderate
 + Heavy

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.