

Champaign-Urbana Weather Highlights - August 2010

Jim Angel, State Climatologist

Temperatures

- The average monthly high temperature of 88.4°F was 5.2°F above normal and the 10th warmest on record.
- The average monthly low temperature of 65.8°F was 3.1°F above normal and the 10th warmest on record.
- The average monthly mean temperature of 77.1°F was 4.1°F above normal and the 11th warmest on record.
- While not a record, there were 14 days at or above 90°F.
- The daily high temperature never dropped below 80°F for the entire month.

The average mean temperature for summer (June-August) was 76.3°F, which was 3.0°F above normal and the eighth warmest summer on record. Records for this period go back to 1889.

Precipitation

The precipitation total for August was 1.64 inches, 2.73 inches below normal. That makes it the 18th driest August on record.

The rainfall total for this summer was 13.72 inches, which was 0.47 inches above normal. However, it was not distributed evenly with 8.33 inches in June, 3.75 inches in July, and only 1.64 inches in August.

Additional Information

For detailed rainfall reports in Champaign County, check out the new volunteer rain gauge network in Illinois called the <u>Community Collaborative Rain</u>, <u>Hail</u>, and <u>Snow Network</u> (CoCoRaHS) at http://www.cocorahs.org/.

Detailed monthly reports from the ISWS automated site are at http://www.isws.illinois.edu/warm/data/2010/August/Champaign.txt.

For more information on the climate of Illinois, visit the state climatologist web site at http://www.isws.illinois.edu/atmos/statecli/.

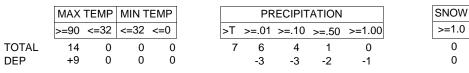
Finally, check out the new state climatologist blog at http://climateillinois.wordpress.com/.

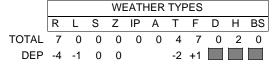
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August 2010

	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER	WIND		DEGI	REE DAYS		
DATE	Max	Min	Mean		Amnt	Depth	TYPES		peed nph)	Peak Gust Gust Dir	Heat	Cool	Corn
1	83	63	73	0.00	0.0	0	F(AM)		М	М	0	8	23
2	84	64	74	0.00	0.0	0	F(AM)		М	M	0	9	24
3	94	70	82	0.00	0.0	0	F(AM)		М	M	0	17	28
4	95	74	85	0.00	0.0	0	Н		M	M	0	20	30
5	88	72	80	0.29	0.0	0	TRW-,F(AM)		M	M	0	15	29
6	83	64	74	0.00	0.0	0			M	M	0	9	24
7	85	60	73	0.00	0.0	0			M	M	0	8	23
8	91	61	76	0.00	0.0	0	F(AM)		M	M	0	11	24
9	93	69	81	0.00	0.0	0	F(AM)		M	M	0	16	28
10	94	75	85	0.01	0.0	0	R-		M	M	0	20	31
11	94	73	84	0.11	0.0	0	TRW		М	M	0	19	30
12	93	74	84	0.00	0.0	0			M	M	0	19	30
13	95	71	83	0.00	0.0	0			M	M	0	18	29
14	90	70	80	0.27	0.0	0	RW-,TRW-		M	M	0	15	28
15	89	69	79	0.00	0.0	0			M	M	0	14	28
16	84	63	74	0.00	0.0	0			M	M	0	9	24
17	81	61	71	0.00	0.0	0			M	M	0	6	21
18	87	65	76	Т	0.0	0	RW-		M	M	0	11	26
19	91	63	77	0.00	0.0	0			M	M	0	12	25
20	93	67	80	0.00	0.0	0			M	M	0	15	27
21	85	68	77	0.92	0.0	0	TRW,RW-		M	M	0	12	27
22	88	68	78	0.00	0.0	0	F(AM)		M	M	0	13	27
23	86	64	75	0.00	0.0	0			M	M	0	10	25
24	85	64	75	0.00	0.0	0			М	М	0	10	25
25	82	63	73	0.00	0.0	0			М	М	0	8	23
26	80	57	69	0.00	0.0	0			М	M	0	4	19
27	85	54	70	0.00	0.0	0			М	М	0	5	20
28	90	57	74	0.00	0.0	0			М	М	0	9	22
29	94	67	81	0.00	0.0	0			М	M	0	16	27
30	86	65	76	0.00	0.0	0			М	M	0	11	26
31	92	66	79	0.04	0.0	0	RW-,H		M	М	0	14	26
AVG/TOT	88.4	65.8	77.1	1.64	0.0						0	383	799
DEP.	+5.2	+3.1	+4.1	-2.73	0.0			NE			-1	+128	+108

NUMBER OF DAYS and DEPARTURE





SEASONAL DEGREE DAYS							
HEATING	COOLING	CORN					
0	1194	3255					
-1	+333	+450					

PRECIP INTENSITY

Ī	PRECIPITATION
	JAN-August
	24.97
	-3.84

Precip amount "T" =Trace

Averages based on 1971-2000 data.

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

M = Missing

- Light

+ Heavy

Moderate

WEATHER TYPES:

R = Rain

L = Drizzle

S = Snow

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

A = Hail BS = Blowing snow

T = Thunder F = Fog 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.