

Local Climatological Data

Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

June 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	83	61	72	0.00	0.0	0		M	M			0	7	22
2	86	60	73	0.00	0.0	0		M	M			0	8	23
3	80	64	72	1.57	0.0	0		M	M			0	7	22
4	85	65	75	2.46	0.0	0		M	M			0	10	25
5	86	73	80	0.18	0.0	0		M	M			0	15	30
6	84	69	77	0.00	0.0	0		M	M			0	12	27
7	87	69	78	1.46	0.0	0		M	M			0	13	28
8	89	73	81	0.14	0.0	0		M	M			0	16	30
9	80	67	74	T	0.0	0		M	M			0	9	24
10	82	58	70	0.12	0.0	0		M	M			0	5	20
11	84	62	73	0.00	0.0	0		M	M			0	8	23
12	89	65	77	0.00	0.0	0		M	M			0	12	26
13	83	68	76	0.00	0.0	0		M	M			0	11	26
14	84	62	73	T	0.0	0		M	M			0	8	23
15	88	62	75	0.00	0.0	0		M	M			0	10	24
16	80	57	69	0.05	0.0	0		M	M			0	4	19
17	77	55	66	0.00	0.0	0		M	M			0	1	16
18	81	55	68	0.00	0.0	0		M	M			0	3	18
19	83	57	70	0.00	0.0	0		M	M			0	5	20
20	84	59	72	0.00	0.0	0		M	M			0	7	22
21	83	62	73	0.00	0.0	0		M	M			0	8	23
22	81	60	71	0.18	0.0	0		M	M			0	6	21
23	80	58	69	0.02	0.0	0		M	M			0	4	19
24	84	58	71	0.00	0.0	0		M	M			0	6	21
25	86	66	76	0.15	0.0	0		M	M			0	11	26
26	84	71	78	T	0.0	0		M	M			0	13	28
27	86	67	77	0.00	0.0	0		M	M			0	12	27
28	83	65	74	0.07	0.0	0		M	M			0	9	24
29	78	62	70	0.00	0.0	0		M	M			0	5	20
30	81	61	71	0.00	0.0	0		M	M			0	6	21
AVG/TOT	83.4	63.0	73.2	6.40	0.0							0	251	698
DEP.	+0.8	+2.1	+1.4	+2.19	0.0			SW				-19	+33	+64

NUMBER OF DAYS and DEPARTURE

	MAX TEMP		MIN TEMP		PRECIPITATION					SNOW
	>=90	<=32	<=32	<=0	>	>=.01	>=.10	>=.50	>=1.00	>=1.0
TOTAL	0	0	0	0	14	11	8	3	3	0
DEP	-6	0	0	0	+1	+2	0	+2		0

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-June
TOTAL	12	0	0	0	0	0	2	0	0	0	0	5766	280	1316	26.59
DEP	+1	-3		0	-1	-4	-2					-59	-16	-53	+6.82

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.

Champaign-Urbana Weather Highlights – June 2008

ILLINOIS STATE WATER SURVEY

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I apologize for the delayed report. We were having problems with our climate database software in early July. This report was changed on 9/16/2008 to include an additional 0.18 inches of rain that fell on June 5.

Temperatures ranged from a high of 89°F on June 8 and 12 to a low of 55°F on June 17 and 18. The monthly average maximum temperature was 83.4 °F, 0.8 degrees above normal. The monthly average minimum temperature was 63.0 °F, 2.1 degrees above normal. The monthly average mean temperature was 73.2 °F, 1.4 degrees above normal.

Precipitation for June was 6.40 inches, 2.19 inches above normal and the 17th wettest on record. The January-June precipitation was 26.59 inches, 6.82 inches above normal and the 5th wettest on record since 1889.

Additional Information

Additional information for June 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/June/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/>.

JRA

For this and other climate data, visit the State Climatologist web site at
<http://www.sws.uiuc.edu/atmos/statecli/>