



Champaign-Urbana Weather Highlights – June 2010

Jim Angel, State Climatologist

June was an interesting month with both temperatures and precipitation significantly above normal.

Temperatures for June were above normal. The daily temperature ranged from a high of 92 °F on June 18 to a low of 57 °F on June 30. The average monthly high temperature of 84.2 °F was the 26th warmest on record. The average monthly low temperature of 65.4 °F was the 3rd warmest low on record. The average monthly mean temperature of 74.8 °F was the 12th warmest on record. The records for June extend back to 1889 for this site.

Precipitation for June was 8.33 inches, 4.12 inches above normal. This was the 6th wettest June on record. The wettest June on record was 11.41 inches in 1902.

Additional Information

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

Detailed monthly reports from the ISWS automated site at our location can be found at <http://www.isws.illinois.edu/warm/data/2010/June/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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Local Climatological Data Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

June 2010

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	63	74	0.12	0.0	0	TRW-,F(AM)		M	M		0	9	24
2	79	63	71	0.54	0.0	0	TRW,RW-,H,F(AM)		M	M		0	6	21
3	82	64	73	0.00	0.0	0			M	M		0	8	23
4	87	60	74	0.00	0.0	0	F(AM)		M	M		0	9	23
5	84	71	78	0.07	0.0	0	RW-,F(AM)		M	M		0	13	28
6	78	60	69	0.51	0.0	0	TRW		M	M		0	4	19
7	78	58	68	0.00	0.0	0			M	M		0	3	18
8	75	63	69	T	0.0	0	R-		M	M		0	4	19
9	81	66	74	1.35	0.0	0	TRW,RW-		M	M		0	9	24
10	84	60	72	0.00	0.0	0			M	M		0	7	22
11	89	68	79	0.00	0.0	0			M	M		0	14	27
12	89	69	79	0.10	0.0	0	RW-,T		M	M		0	14	28
13	84	68	76	0.46	0.0	0	TRW-		M	M		0	11	26
14	85	67	76	1.01	0.0	0	TRW-,RW+		M	M		0	11	26
15	84	69	77	0.72	0.0	0	TRW+,F(AM)		M	M		0	12	27
16	82	66	74	0.48	0.0	0	TRW		M	M		0	9	24
17	85	62	74	0.00	0.0	0			M	M		0	9	24
18	92	66	79	0.15	0.0	0	TRW-		M	M		0	14	26
19	86	65	76	1.11	0.0	0	T,RW+,RW-		M	M		0	11	26
20	89	69	79	0.00	0.0	0			M	M		0	14	28
21	90	71	81	0.03	0.0	0	T,RW-		M	M		0	16	29
22	84	67	76	1.03	0.0	0	TRW+,RW-		M	M		0	11	26
23	89	69	79	0.26	0.0	0	TRW		M	M		0	14	28
24	83	66	75	0.30	0.0	0	TRW-		M	M		0	10	25
25	85	63	74	0.00	0.0	0			M	M		0	9	24
26	90	67	79	0.00	0.0	0			M	M		0	14	27
27	86	73	80	0.00	0.0	0			M	M		0	15	30
28	85	71	78	0.09	0.0	0	TRW-		M	M		0	13	28
29	78	62	70	0.00	0.0	0			M	M		0	5	20
30	78	57	68	0.00	0.0	0			M	M		0	3	18
AVG/TOT	84.2	65.4	74.8	8.33	0.0							0	301	738
DEP.	+1.6	+4.5	+3.0	+4.12	0.0					SW		-19	+83	+104

NUMBER OF DAYS and DEPARTURE

	MAX TEMP				MIN TEMP				PRECIPITATION					SNOW
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00					>=1.0
TOTAL	3	0	0	0	18	17	14	7	4					0
DEP	-3	0	0	0		+7	+8	+4	+3					0

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-June
TOTAL	15	0	0	0	0	0	14	5	0	1	0	5705	434	1643	19.58
DEP	+4	-3		0	-1	+8	+3					-120	+138	+274	-0.19

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.