



Champaign-Urbana Weather Highlights – May 2009

Jim Angel, state climatologist

Temperatures ranged from a high of 86°F on May 22 and 24 to a low of 42°F on May 17-18. May temperatures finished 0.6°F above normal.

Precipitation for May was 5.71 inches, 0.91 inches above normal. Spring rainfall (March, April, and May) was 15.27 inches, 3.61 inches above normal and the 15th wettest spring on record. Spring precipitation records go back to 1889.

Additional Information

Additional information for May can be found at the Illinois Climate Network site that is collocated with our cooperative weather observer site at:

<http://www.sws.uiuc.edu/warm/data/2009/May/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.isws.illinois.edu/atmos/statecli/>.

Contact Information:

2204 Griffith Drive

Champaign, IL 61820-7495

Phone: 217-333-0729

Email: jimangel@illinois.edu

Local Climatological Data

Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

May 2009

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	63	46	55	0.43	0.0	0	RW,RW-		M	M		10	0	7
2	64	46	55	0.15	0.0	0	RW-		M	M		10	0	7
3	68	46	57	0.00	0.0	0			M	M		8	0	9
4	71	48	60	0.00	0.0	0			M	M		5	0	11
5	73	51	62	0.00	0.0	0			M	M		3	0	12
6	69	56	63	0.00	0.0	0			M	M		2	0	13
7	80	55	68	0.01	0.0	0	RW-,F(AM)		M	M		0	3	18
8	70	56	63	0.54	0.0	0	RW+,T,RW-,RW,		M	M		2	0	13
9	68	51	60	0.08	0.0	0	RW-		M	M		5	0	10
10	69	44	57	0.00	0.0	0			M	M		8	0	10
11	68	47	58	T	0.0	0	RW-		M	M		7	0	9
12	72	45	59	0.00	0.0	0			M	M		6	0	11
13	72	54	63	0.99	0.0	0	TRW+, TRW-		M	M		2	0	13
14	71	52	62	1.44	0.0	0	TRW,RW-		M	M		3	0	12
15	77	51	64	T	0.0	0			M	M		1	0	14
16	62	47	55	1.14	0.0	0	TRW,A,RW-		M	M		10	0	6
17	63	42	53	T	0.0	0	RW-		M	M		12	0	7
18	68	42	55	0.00	0.0	0			M	M		10	0	9
19	77	47	62	0.00	0.0	0			M	M		3	0	14
20	82	52	67	0.00	0.0	0			M	M		0	2	17
21	85	54	70	0.00	0.0	0			M	M		0	5	20
22	86	63	75	0.00	0.0	0			M	M		0	10	25
23	85	61	73	0.00	0.0	0			M	M		0	8	23
24	86	61	74	0.01	0.0	0	RW-		M	M		0	9	24
25	69	61	65	T	0.0	0	RW-		M	M		0	0	15
26	81	62	72	0.32	0.0	0	RW-		M	M		0	7	22
27	81	66	74	0.04	0.0	0	RW-,H		M	M		0	9	24
28	68	58	63	0.44	0.0	0	RW-		M	M		2	0	13
29	80	56	68	0.03	0.0	0	RW-		M	M		0	3	18
30	82	54	68	0.00	0.0	0			M	M		0	3	18
31	80	56	68	0.09	0.0	0	RW-,T		M	M		0	3	18
AVG/TOT	73.9	52.6	63.3	5.71	0.0							109	62	442
DEP.	+0.3	+0.8	+0.6	+0.91	0.0				S			-34	-8	+14

NUMBER OF DAYS and DEPARTURE

	MAX TEMP				MIN TEMP				PRECIPITATION					SNOW	
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00						>=1.0
TOTAL	0	0	0	0	18	14	8	4	2						0
DEP	-1	0	0	0	+3	0	+1	0	0						0

	WEATHER TYPES										SEASONAL DEGREE DAYS			PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-May
TOTAL	17	0	0	0	0	1	5	1	0	1	0	5888	83	814	17.63
DEP	+4	-3	0	0	0	-1	-2					+82	+5	+79	+2.07

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.