

Local Climatological Data
Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

May 2001

DATE	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER TYPES	WIND				SKY COVER	DEGREE DAYS		
	Max	Min	Mean		Amnt	Depth		Dir	Speed (mph)	Peak Gust	Gust Dir		Heat	Cool	Corn
1	84	62	73	0.02	0.0	0	RW-	S	10.4	26.6	S	PC	0	8	23
2	83	59	71	0.00	0.0	0		S	10.0	24.8	S	CLR	0	6	21
3	86	54	70	0.00	0.0	0		S	6.5	18.3	S	PC	0	5	20
4	81	56	69	0.56	0.0	0	TRW,RW+	SW	4.6	14.6	W	CLDY	0	4	19
5	84	56	70	0.00	0.0	0		S	4.3	15.4	S	PC	0	5	20
6	82	59	71	T	0.0	0	RW-	S	6.4	37.6	SW	PC	0	6	21
7	69	52	61	0.16	0.0	0	RW	SW	5.7	19.9	SW	CLDY	4	0	11
8	76	46	61	0.00	0.0	0		SW	4.8	19.5	SW	CLR	4	0	13
9	81	53	67	0.00	0.0	0		S	5.2	16.8	S	PC	0	2	17
10	85	55	70	0.00	0.0	0		SW	8.8	22.5	SW	PC	0	5	20
11	76	50	63	0.54	0.0	0	TRW,RW-	W	6.1	20.7	W	CLDY	2	0	13
12	65	45	55	0.00	0.0	0		N	5.3	15.6	N	CLR	10	0	8
13	69	39	54	0.00	0.0	0		CALM	1.5	9.1	SW	PC	11	0	10
14	78	52	65	0.09	0.0	0	TRW,RW-	S	3.8	18.0	S	PC	0	0	15
15	90	58	74	0.00	0.0	0		SW	7.5	21.6	W	PC	0	9	22
16	92	69	81	0.00	0.0	0		W	7.5	20.4	W	CLR	0	16	28
17	87	67	77	0.37	0.0	0	TRW	N	4.3	20.5	W	CLDY	0	12	27
18	77	61	69	0.54	0.0	0	TRW	NE	3.6	14.2	NE	CLDY	0	4	19
19	78	58	68	0.00	0.0	0		NE	2.9	9.2	NE	PC	0	3	18
20	78	59	69	0.00	0.0	0		SE	4.2	12.2	SE	PC	0	4	19
21	69	51	60	0.18	0.0	0	RW-	W	9.4	26.8	W	CLDY	5	0	10
22	65	46	56	0.07	0.0	0	RW	W	7.3	34.6	W	PC	9	0	8
23	68	46	57	0.23	0.0	0	TRW,RW	SW	6.3	28.7	S	PC	8	0	9
24	60	43	52	0.03	0.0	0	RW-	SW	4.2	14.1	W	PC	13	0	5
25	62	46	54	0.17	0.0	0	RW,RW-	SW	5.0	16.4	W	CLDY	11	0	6
26	71	48	60	0.46	0.0	0	TRW,RW-	SW	8.8	34.0	W	CLDY	5	0	11
27	68	46	57	0.00	0.0	0		W	5.2	18.0	W	PC	8	0	9
28	73	46	60	0.01	0.0	0	RW-	N	2.6	11.0	N	PC	5	0	12
29	77	49	63	0.00	0.0	0		NW	3.3	13.0	N	CLR	2	0	14
30	68	50	59	0.00	0.0	0		NE	3.7	11.6	E	PC	6	0	9
31	61	51	56	0.40	0.0	0	RW	SE	4.4	15.9	W	CLDY	9	0	6
AVG/TOT	75.6	52.6	64.1	3.83	0.0			SW	5.6				112	89	463
DEP.	+2.0	+0.8	+1.4	-0.97	0.0			S	-0.7				-38	+19	+35

NUMBER OF DAYS and DEPARTURE

	MAX TEMP				MIN TEMP				PRECIPITATION					SNOW	SKY COVER		
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00	>=1.0	CLR	PC	CLDY				
TOTAL	2	0	0	0	16	15	10	3	0	0	5	17	9				
DEP	+1	0	0	0	+4	+2	0	-1	0	0	-5	+6	-1				

	WEATHER TYPES											SEASONAL DEGREE DAYS			PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-May
TOTAL	16	0	0	0	0	0	7	0	0	0	0	6060	131	854	10.93
DEP	+3	-3	0	-1	+1	-3						+137	+53	+119	-4.63

Averages based on 1971-2000 data. The daily sky condition is determined by the prevailing sky condition of three observations made between 7am and 7pm LST. Snow depth at 7am LST. All other data midnight-midnight. 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 – May 2001

ILLINOIS STATE WATER SURVEY

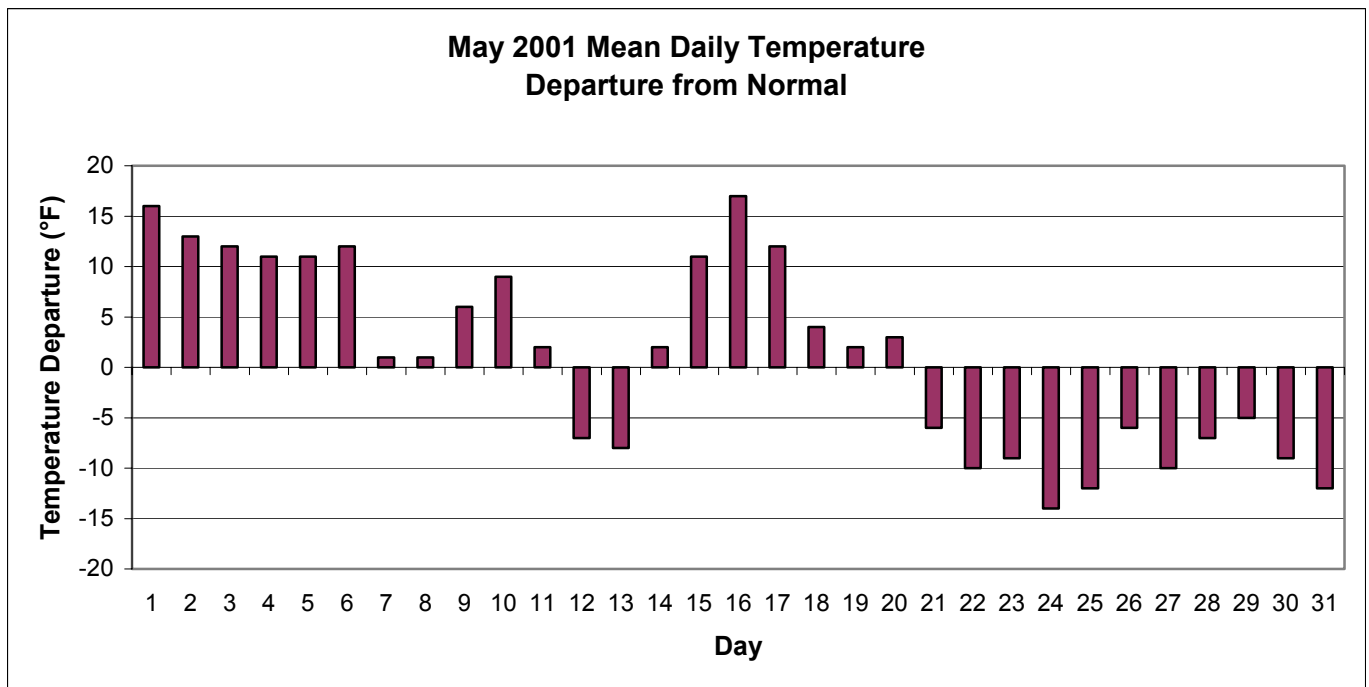
2204 Griffith Dr.
Champaign, IL 61820
(217) 333-8890
wxobsrvr@sws.uiuc.edu

May was unusual in that it started off fairly warm and then ended with cool, rainy weather. The following records were tied or established:

May 15th: New record high maximum temperature 90°F (old record 89°F in 1894)

May 16th: New record high maximum temperature 92°F (old record 89°F in 1894), tied record high minimum temperature of 69°F first set in 1899, and new record high mean temperature 81°F (old record 78°F in 1962)

Since this record warmth during the first half of the month was tempered by the change to colder than normal weather the last 11 days, this May tied with 1921, 1953, and 1986 for only the 26th warmest May since 1888.



Spring (March, April, May), 2001 Statistics:

Mean Maximum	63.9°F (+2.1, 15 th warmest)
Mean Minimum	41.9°F (+0.6, 22 nd warmest)
Mean Temperature	53.2°F (+1.7, 15 th warmest)
Precipitation	5.77" (-5.89", 7 th driest)
Snowfall	1.3" (-2.5", 10 th lowest)
Date of Last Freeze	April 18, 2001

MCP

The daily climate statistics are available by touch-tone phone. Call 333-8890 and select menu option 1. The recording is updated daily Monday through Saturday by 8:00 a.m. For this and other climate data, visit the State Climatologist web site at <http://www.sws.uiuc.edu/atmos/statecli/>