

**Local Climatological Data**  
**Champaign-Urbana, IL - 118740**  
**July 2000**

Illinois State Water Survey  
 Water Survey Research Center

DATE Corn	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER TYPES	WIND				SKY DEGREE DAYS			
	Max	Min	Mean	Amnt	Depth	Dir		Speed	Peak	Gust	Dir	COVER	Heat	Cool	
1	81	57	69	0.00	0.0	0		S	3.8	14.4	S	PC	0	4	19
2	86	65	76	0.00	0.0	0		S	5.9	13.9	SW	CLR	0	11	26
3	87	70	79	0.03	0.0	0	RW-	W	5.5	16.4	W	CLDY	0	14	28
4	84	67	76	0.18	0.0	0	RW-	NE	2.6	14.8	W	CLDY	0	11	26
5	86	70	78	0.02	0.0	0	RW-	W	2.4	10.1	SW	CLDY	0	13	28
6	86	68	77	0.00	0.0	0		N	3.3	12.6	NE	PC	0	12	27
7	82	64	73	0.00	0.0	0		NE	3.0	12.2	NE	CLR	0	8	23
8	84	61	73	0.00	0.0	0		S	3.7	12.6	S	CLR	0	8	23
9	85	64	75	0.00	0.0	0		SW	6.1	19.3	SW	CLR	0	10	25
10	88	72	80	T	0.0	0	RW-	NE	3.4	15.9	NE	CLDY	0	15	29
11	83	70	77	1.82	0.0	0	TRW+	NE	2.7	14.8	W	CLDY	0	12	27
12	82	68	75	0.00	0.0	0		E	2.3	10.8	E	CLDY	0	10	25
13	87	70	79	0.00	0.0	0		NE	2.1	10.8	NW	PC	0	14	28
14	87	68	78	0.00	0.0	0		NW	4.9	17.6	W	PC	0	13	27
15	83	64	74	0.00	0.0	0		N	3.4	14.3	NW	PC	0	9	24
16	84	61	73	0.00	0.0	0		NW	2.2	11.9	W	PC	0	8	23
17	83	62	73	0.00	0.0	0		SW	4.2	15.5	W	PC	0	8	23
18	81	59	70	0.05	0.0	0	RW-	NE	4.2	15.1	NE	PC	0	5	20
19	76	58	67	0.02	0.0	0	RW-	N	4.6	17.8	N	PC	0	2	17
20	75	55	65	0.00	0.0	0		W	2.9	13.4	W	PC	0	0	15
21	78	58	68	0.00	0.0	0		NW	3.2	13.4	W	PC	0	3	18
22	78	53	66	0.00	0.0	0		N	2.6	11.0	N	PC	0	1	16
23	77	57	67	0.00	0.0	0		NE	4.3	14.2	N	PC	0	2	17
24	82	58	70	0.00	0.0	0		NE	2.8	10.8	NE	PC	0	5	20
25	82	57	70	0.00	0.0	0		SE	2.2	10.2	SE	CLR	0	5	20
26	84	58	71	0.00	0.0	0		SW	3.2	13.1	W	PC	0	6	21
27	87	63	75	0.00	0.0	0	F	S	5.0	16.1	SW	PC	0	10	25
28	84	64	74	0.08	0.0	0	RW-,F	SW	4.6	16.9	SW	PC	0	9	24
29	76	68	72	0.17	0.0	0	TRW,RW-,F	SE	2.1	11.0	W	CLDY	0	7	22
30	82	67	75	0.04	0.0	0	RW-	NE	2.2	11.6	NE	CLDY	0	10	25
31	82	66	74	0.04	0.0	0	TRW-,F	W	3.2	13.9	N	CLDY	0	9	24
<b>AVG/TOT</b>	<b>82.6</b>	<b>63.3</b>	<b>73.0</b>	<b>2.45</b>	<b>0.0</b>			<b>NE</b>	<b>3.5</b>			<b>0</b>	<b>254</b>	<b>715</b>	
DEP.	-2.7	-1.5	-2.1	-2.01	0.0			SW	-1.4			-2	-51	-23	

**NUMBER OF DAYS and DEPARTURE**

	MAX TEMP				PRECIPITATION					SNOW	SKY COVER		
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00	>=1.0	CLR	PC	CLDY
TOTAL	0	0	0	0	11	10	3	1	1	0	5	17	9
DEP	-7	0	0	0	+1	-4	-2	0	0	0	-5	+4	+1

	WEATHER TYPES											SEASONAL DEGREE DAYS			PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-July
TOTAL	11	0	0	0	0	0	3	4	0	0	0	0	515	2197	21.64
DEP	0	-1	0	0			-4	0				-2	-86	+112	-1.90

**Averages based on 1961-1990 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:**

=Trace  
 R = Rain      Z = Freezing rain/drizzle      D = Dust  
 L = Drizzle    IP = Sleet                                  H = Haze  
 S = Snow      A = Hail                                        BS = Blowing  
 T = Thunder   F = Fog                            RW = Rainshower    SW = Snowshower

**PRECIP INTENSITY:** - Light      Precip amount "T"

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.

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 Friday 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/>

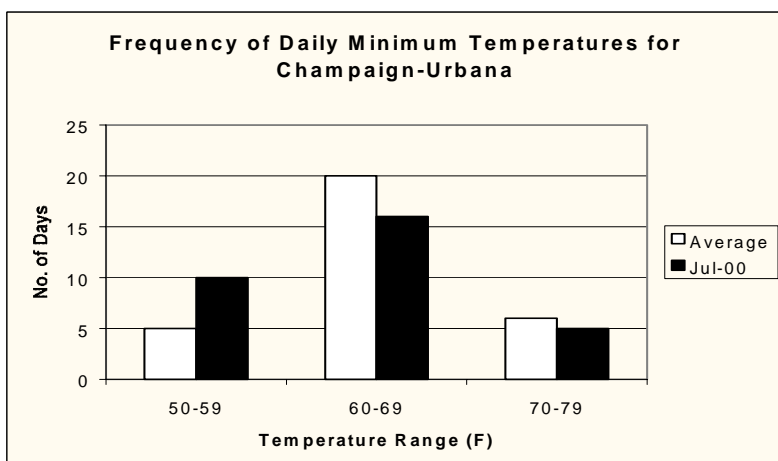
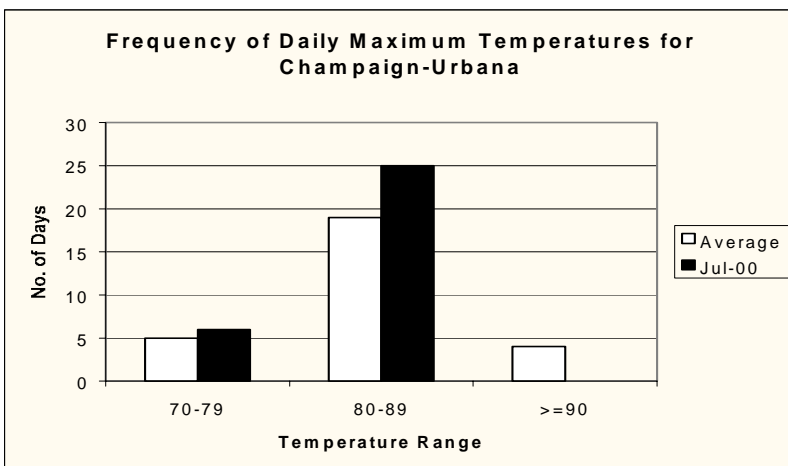
# Champaign-Urbana Weather Highlights – July 2000

## ILLINOIS STATE WATER SURVEY

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Precipitation across Champaign-Urbana ranged from about 1.90 inches in northwest Champaign (near Parkland College) to 4.21” in southwest Champaign (near Kirby & Duncan).

Champaign-Urbana set a new record of **no** days at or above 90°F in July and a new record of **no** days at or above 90°F for the first seven months of the year (January through July). The record for the least number of days at or above 90°F for the entire year is one, set in 1915. By the end of July, we expect to see 16 days at or above 90°F on average.



JRA

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