

Local Climatological Data
Champaign-Urbana, IL - 118740
October 1999

Illinois State Water Survey
Water Survey Research Center

DATE	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER TYPES	WIND				SKY COVER	DEGREE DAYS	
	Max	Min	Mean		Amnt	Depth		Dir	Speed	Peak	Gust		Dir	Heat
1	71	44	58	0.00	0.0	M		NW	2.1	9.9	W	CLR	7	0
2	58	44	51	0.02	0.0	0	RW-	N	3.4	15.2	W	CLDY	14	0
3	48	43	46	0.69	0.0	0	TRW, R, R-	NE	4.4	15.7	NE	CLDY	19	0
4	56	36	46	T	0.0	0	L-	N	3.5	12.5	NE	CLDY	19	0
5	64	33	49	0.00	0.0	0		SW	3.7	16.7	S	CLR	16	0
6	70	40	55	0.00	0.0	0		NE	2.0	8.9	NE	CLR	10	0
7	74	43	59	0.00	0.0	0		SE	4.4	16.1	S	CLR	6	0
8	65	51	58	0.64	0.0	0	R	S	5.3	19.5	S	CLDY	7	0
9	66	60	63	0.50	0.0	0	R, L-	SE	2.1	9.3	NE	CLDY	2	0
10	78	59	69	0.00	0.0	0		W	3.2	15.0	N	CLDY	0	4
11	72	47	60	0.00	0.0	0		NE	3.1	13.2	N	CLR	5	0
12	77	44	61	0.00	0.0	0		S	5.8	16.8	S	PC	4	0
13	69	43	56	0.00	0.0	0		N	7.7	24.4	NW	CLDY	9	0
14	63	37	50	0.00	0.0	0		SE	3.1	10.7	SE	CLR	15	0
15	79	40	60	0.00	0.0	0		S	6.7	21.9	S	CLR	5	0
16	76	54	65	0.07	0.0	0	RW-, TRW-	N	7.1	19.7	N	CLDY	0	0
17	54	41	48	0.00	0.0	0		N	6.0	18.9	N	CLR	17	0
18	56	32	44	0.00	0.0	0		N	2.2	9.0	SW	CLR	21	0
19	61	31	46	T	0.0	0	RW-	SW	3.7	20.6	W	PC	19	0
20	55	32	44	0.00	0.0	0		NW	2.8	13.3	W	CLR	21	0
21	70	32	51	0.00	0.0	0		SW	7.2	22.5	SW	CLR	14	0
22	59	42	51	0.00	0.0	0		NW	7.9	27.0	W	CLR	14	0
23	52	34	43	0.00	0.0	0		NW	6.4	24.0	N	CLR	22	0
24	53	30	42	0.00	0.0	0		N	3.3	13.0	W	CLR	23	0
25	65	27	46	0.00	0.0	0		SW	7.3	23.7	S	CLR	19	0
26	69	37	53	0.00	0.0	0		W	3.0	14.0	W	PC	12	0
27	69	38	54	0.00	0.0	0		SE	4.3	16.3	SE	CLR	11	0
28	80	43	62	0.00	0.0	0		SE	3.8	14.2	W	CLR	3	0
29	78	48	63	0.00	0.0	0		S	6.4	23.2	S	PC	2	0
30	75	48	62	0.00	0.0	0		S	8.6	26.0	S	CLR	3	0
31	76	55	66	0.00	0.0	0		NE	1.8	11.6	SW	PC	0	1
AVG/TOT	66.4	41.5	54.0	1.92	0.0	0.0		N	4.6				339	5
DEP.	+1.3	-2.3	-0.5	-0.74	-0.1	-0.1		S	-1.5				-10	-11

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	0	0	6	0	7	5	3	3	0	0	18	5	8			
DEP	0	0	+3	0	-4	-3	+1	-1			+6	-3	-3			

	WEATHER TYPES											SEASONAL DEGREE DAYS		PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-October
TOTAL	6	2	0	0	0	0	2	0	0	0	0	420	1027	36.68
DEP	-4	-2				0	0	-4				-19	+55	+3.09

Averages based on 1961-1990 The daily sky condition is determined by the prevailing sky condition of three observations made between 7am and 7pm 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 = 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

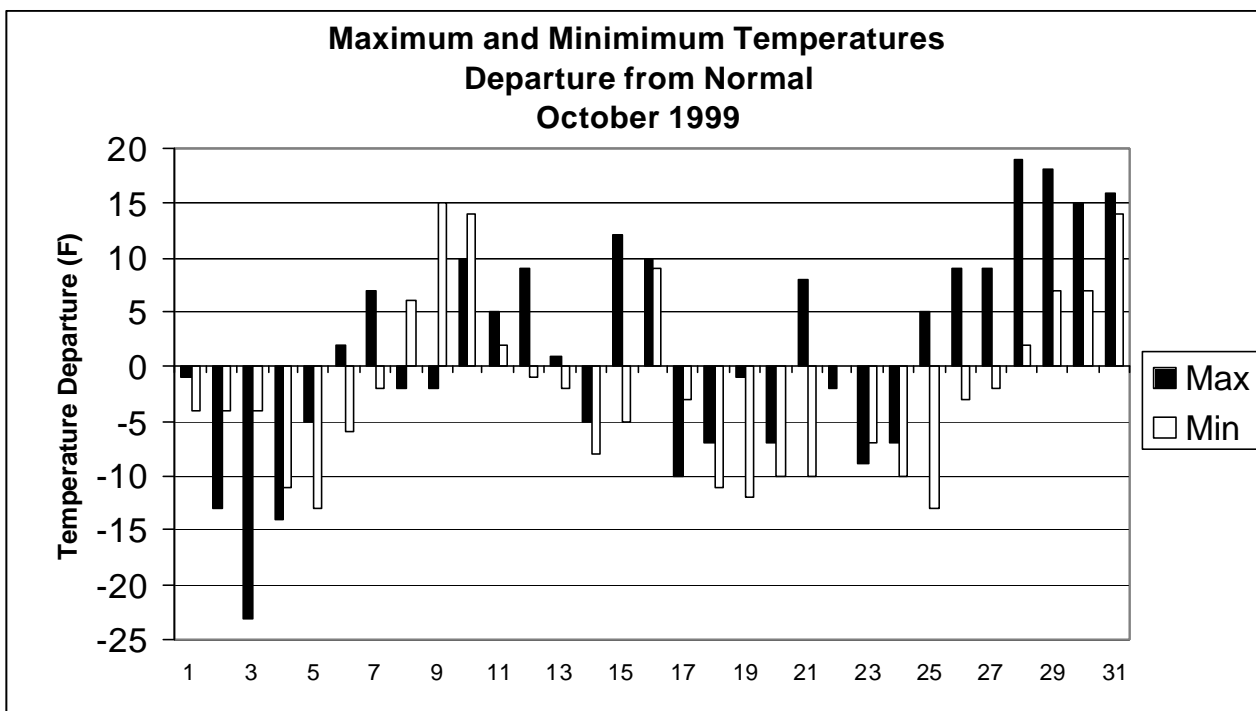
DEGREE DAYS: Heat and Cool base 65F. Corn Growing base 50F, ceiling 86F. Heating DD season July-June. Cool and Corn DD season January-December.

Champaign-Urbana Weather Highlights – October 1999

ILLINOIS STATE WATER SURVEY

2204 Griffith Dr.
Champaign, IL 61820
wxobsrvr@sws.uiuc.edu

The growing season came to an end on October 18 when the minimum temperature reached 32°F for the first time this fall, only one day earlier than the normal first fall freeze. This was followed by a 31°F reading on October 19. The last freeze in the spring was on March 28, making the 1999 growing season 203 days. The normal length of the growing season in Champaign-Urbana is 185 days.



SDH