

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

Illinois State Water Survey
Water Survey Research Center

DATE	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER TYPES	WIND				SKY DEGREE DAYS		
	Max	Min	Mean		Amnt	Depth		Dir	Speed	Peak	Gust	Dir	COVER	Heat
1	47	20	34	0.00	0.0	0		SE	7.8	25.7	S	CLR	31	0
2	60	31	46	0.00	0.0	0		S	11.	26.5	S	PC	19	0
3	57	50	54	0.02	0.0	0	RW-	S	14.	32.9	S	CLDY	11	0
4	59	54	57	0.06	0.0	0	RW-	S	9.7	25.6	S	CLDY	8	0
5	57	32	45	0.78	0.3	0	R+,RW-,S-	N	10.	25.2	S	CLDY	20	0
6	37	27	32	0.00	0.0	0	T	NW	4.5	17.8	N	PC	33	0
7	44	26	35	0.00	0.0	0		S	8.2	25.6	S	CLR	30	0
8	49	29	39	0.00	0.0	0		S	5.8	15.9	S	PC	26	0
9	55	31	43	0.27	0.0	0	R-	S	5.6	19.9	S	CLDY	22	0
10	42	27	35	0.01	0.0	0	R-	N	8.1	24.9	N	CLR	30	0
11	43	22	33	0.00	0.0	0		SE	3.2	16.4	SE	PC	32	0
12	40	35	38	0.05	0.0	0	R-	SE	2.3	9.8	N	CLDY	27	0
13	45	33	39	0.10	0.0	0	R-,L-	NE	8.3	21.2	NE	PC	26	0
14	39	33	36	0.39	T	0	R-,L-,IP-	N	7.4	22.3	NE	CLDY	29	0
15	40	31	36	0.10	0.3	0	R-,S-	W	13.	30.3	SW	CLDY	29	0
16	31	24	28	T	T	T	SW-	W	10.	26.7	W	PC	37	0
17	40	26	33	0.01	0.2	T	SW-	N	4.7	16.1	N	PC	32	0
18	33	24	29	0.00	0.0	0		NE	4.2	15.8	NE	PC	36	0
19	42	26	34	T	0.0	0	RW-	SE	3.8	11.2	SE	CLDY	31	0
20	38	12	25	0.01	0.2	T	SW-	W	11.	27.7	W	PC	40	0
21	21	7	14	0.00	0.0	0		NW	3.7	11.3	NW	CLR	51	0
22	25	7	16	0.02	0.2	0	SW-	SE	4.4	13.3	SW	CLDY	49	0
23	25	11	18	0.14	3.0	T	S-	SW	5.9	14.3	SW	CLDY	47	0
24	25	2	14	0.04	0.3	3	S-	N	5.4	16.6	N	PC	51	0
25	27	-5	11	0.00	0.0	M		SW	7.8	20.4	S	CLR	54	0
26	33	21	27	0.00	0.0	M		NW	10.	26.2	NW	CLR	38	0
27	26	5	16	0.05	1.5	3	ZL-,S-	N	6.0	20.6	N	CLDY	49	0
28	34	5	20	T	T	3	SW-	SW	9.3	27.8	SW	CLDY	45	0
29	46	28	37	0.00	0.0	2		SW	10.	27.4	SW	PC	28	0
30	42	27	35	0.00	0.0	T		N	4.6	14.5	SW	CLDY	30	0
31	47	24	36	0.00	0.0	0	F	W	2.7	8.1	SW	PC	29	0

AVG/TOT	40.3	23.4	31.9	2.05	6.0		N	7.3				1020	0
DEP.	+3.8	+1.4	+2.6	-0.97	0.0		S	-0.6				-97	0

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	7	26	1	18	15	6	1	0	2	6	12	13
DEP	0	-4	0	-1	+4	0	-1	-1		0	-1	+5	-4

	WEATHER TYPES											SEASONAL DEGREE DAYS		PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-December
TOTAL	10	2	10	1	1	0	0	1	0	0	0	1965	1027	39.54
DEP	+2	-1	+	-2		0	-1	-5				-287	+55	-0.17

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:

=Trace
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"

Moderate
+ Heavy

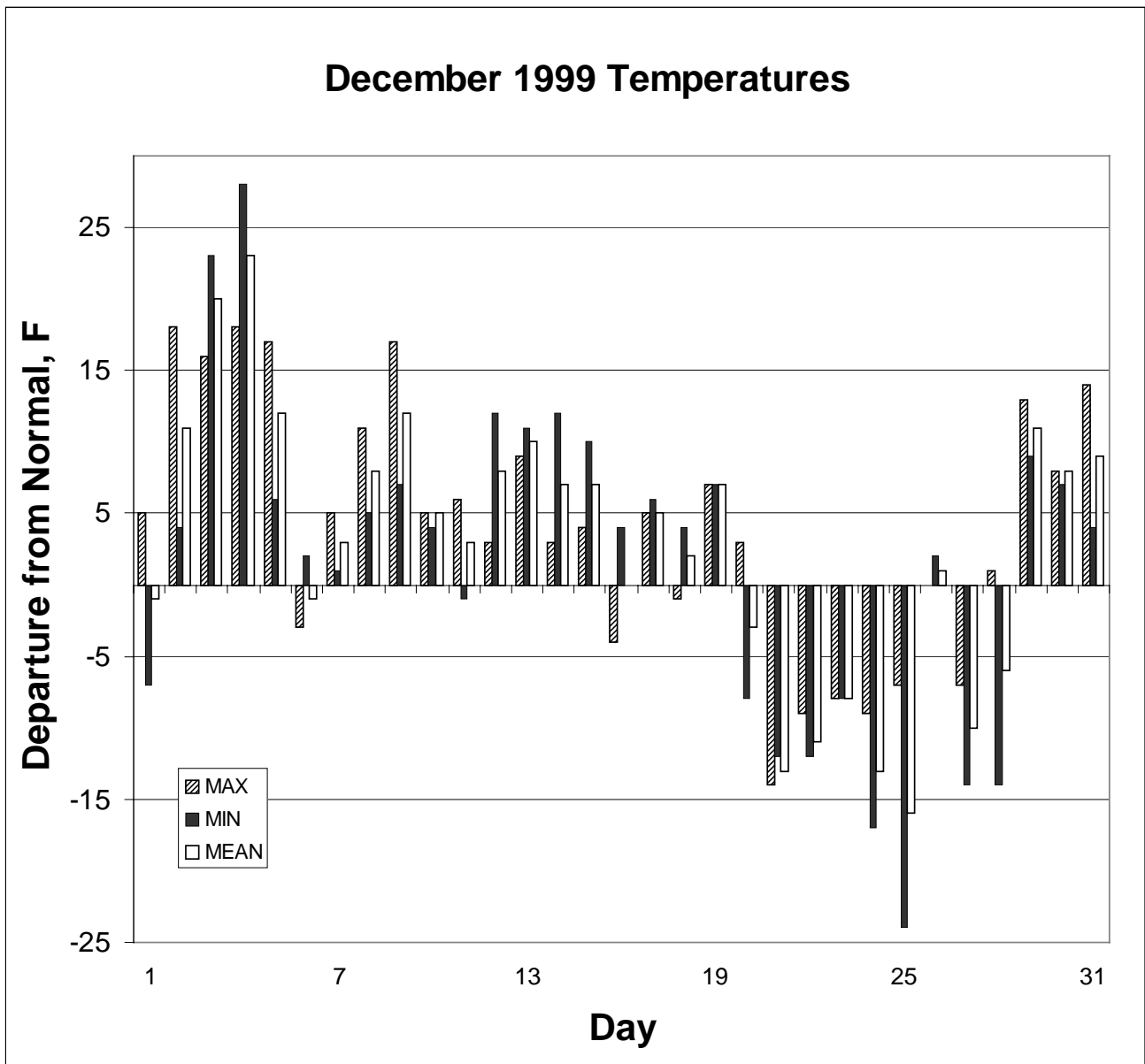
DEGREE DAYS: Heat and Cool base 65F. Corn Growing base 50F, ceiling 86F. Heating DD season July-June. Cool and Corn DD season January-December.

Champaign-Urbana Weather Highlights – December 1999

ILLINOIS STATE WATER SURVEY

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

There were no temperature or precipitation records set this month. This was the fourth consecutive month with below normal precipitation.



SDH