

**Local Climatological Data**  
Champaign-Urbana, IL - 118740  
**May 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	Cool
1	74	44	59	0.00	0.0	0		NE	3.6	15.8	N	CLR	6	0	12
2	77	48	63	0.00	0.0	0		NE	3.1	16.1	S	CLR	2	0	14
3	78	50	64	0.00	0.0	0		S	5.0	20.7	S	CLR	1	0	14
4	81	56	69	0.04	0.0	0	RW	SE	10.	36.5	S	PC	0	4	19
5	78	60	69	0.14	0.0	0	RW,R	S	13.	30.1	S	CLDY	0	4	19
6	64	53	59	0.21	0.0	0	TRW-,R	SW	9.5	27.9	SW	CLDY	6	0	9
7	64	49	57	0.00	0.0	0		SW	10.	24.9	SW	CLDY	8	0	7
8	66	50	58	T	0.0	0	RW-	NW	7.6	24.2	W	CLDY	7	0	8
9	71	52	62	0.00	0.0	0		NE	2.1	7.8	N	CLR	3	0	12
10	82	52	67	0.00	0.0	0		SE	5.0	19.1	SE	PC	0	2	17
11	83	58	71	0.00	0.0	0		S	6.2	22.8	S	PC	0	6	21
12	85	58	72	0.10	0.0	0	TRW-,RW+,R-,L-	S	5.2	38.2	SW	CLDY	0	7	22
13	61	51	56	0.58	0.0	0	R-,R-,L-,F	NE	4.4	15.6	NE	CLDY	9	0	6
14	68	51	60	0.00	0.0	0	F	NE	4.0	13.5	NE	CLDY	5	0	10
15	73	60	67	T	0.0	0	RW-	SE	4.2	14.8	SE	CLDY	0	2	17
16	83	58	71	0.00	0.0	0		S	8.4	25.6	S	PC	0	6	21
17	83	64	74	0.92	0.0	0	RW+,R+,TRW+	S	8.5	29.8	S	CLDY	0	9	24
18	72	53	63	0.10	0.0	0	RW,R-,L-	WNW	6.8	20.0	W	PC	2	0	13
19	76	48	62	0.00	0.0	0		SE	2.1	9.8	W	CLR	3	0	13
20	79	51	65	0.00	0.0	0		S	4.1	16.4	S	CLR	0	0	15
21	79	53	66	1.15	0.0	0	TRW,RW+,R	S	5.9	23.7	S	CLDY	0	1	16
22	77	59	68	0.00	0.0	0		NNW	4.8	15.7	N	PC	0	3	18
23	71	52	62	0.12	0.0	0	R-,RW	NW	6.0	23.9	W	CLDY	3	0	12
24	66	47	57	0.00	0.0	0		NW	8.1	23.2	NW	PC	8	0	8
25	71	44	58	0.00	0.0	0		W	6.8	26.6	W	PC	7	0	11
26	71	49	60	0.00	0.0	0		N	3.7	12.8	N	CLR	5	0	11
27	80	47	64	0.00	0.0	0		W	3.4	15.3	W	CLR	1	0	15
28	83	52	68	0.00	0.0	0		W	5.2	18.0	W	CLR	0	3	18
29	85	55	70	0.00	0.0	0		W	3.1	16.1	SE	CLR	0	5	20
30	83	60	72	0.13	0.0	0	RW+,L-	S	4.6	20.1	S	PC	0	7	22
31	79	67	73	0.03	0.0	0	RW-,F	S	8.5	21.4	S	PC	0	8	23
<b>AVG/TOT</b>	<b>75.6</b>	<b>53.3</b>	<b>64.5</b>	<b>3.52</b>	<b>0.0</b>	<b>0.0</b>		<b>S</b>	<b>5.9</b>				<b>76</b>	<b>67</b>	<b>467</b>
DEP.	+2.0	+1.6	+1.8	-0.45	0.0	0.0		S	-1.0				-74	-4	+44

**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	0	0	13	11	9	3	1	0	10	10	11			
DEP	-1	0	0	0	+1	+2	0	0	0	0	0	-1	+1			

	WEATHER TYPES											SEASONAL DEGREE DAYS			PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-May
TOTAL	13	4	0	0	0	0	4	3	0	1	0	5124	68	780	17.55
DEP	0	+	0	0	-	-2	0					-799	-14	+61	+2.54

**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 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"  
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.