

Local Climatological Data
Champaign-Urbana, IL - 118740
January 2000

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	Gust Dir		Heat	Cool
1	54	26	40	0.00	0.0	0		SE	4.4	20.2	S	CLR	25	0
2	60	38	49	0.00	0.0	0		S	12.	30.1	S	CLDY	16	0
3	49	34	42	0.63	0.0	0	TRW,RW,F	NE	5.5	25.2	W	CLDY	23	0
4	34	20	27	T	T	T	SW-,SG-	W	10.	23.1	NW	CLDY	38	0
5	28	18	23	0.00	0.0	0		S	8.7	17.8	SE	CLDY	42	0
6	44	25	35	0.00	0.0	0		SW	8.1	19.0	S	PC	30	0
7	35	24	30	0.00	0.0	0		S	5.2	17.3	NW	CLR	35	0
8	40	22	31	0.01	0.0	0	RW-	S	8.4	21.1	SW	CLDY	34	0
9	44	36	40	0.02	0.0	0	RW-	S	6.7	23.5	S	CLDY	25	0
10	52	37	45	0.01	0.0	0	RW-	W	12.	30.8	W	PC	20	0
11	39	30	35	0.00	0.0	0		W	10.	31.4	W	PC	30	0
12	46	24	35	0.00	0.0	0		E	3.4	17.6	SE	PC	30	0
13	31	18	25	T	T	0	SW-	NW	8.3	23.1	NW	PC	40	0
14	33	13	23	0.00	0.0	0		S	6.2	17.1	S	PC	42	0
15	49	24	37	0.00	0.0	0		S	9.0	20.2	S	CLDY	28	0
16	39	26	33	0.00	0.0	0		NE	9.3	25.8	NE	PC	32	0
17	28	21	25	T	0.0	0	ZR-	E	4.9	19.3	SE	CLDY	40	0
18	35	24	30	0.00	0.0	0		W	5.9	22.1	W	PC	35	0
19	30	18	24	0.39	4.6	0	S+,S-,ZL-,IP-	SE	5.1	21.1	NW	CLDY	41	0
20	26	0	13	0.00	0.0	4		NW	10.	25.6	N	CLR	52	0
21	16	-4	6	0.00	0.0	4		W	3.2	10.2	W	PC	59	0
22	30	8	19	0.15	2.0	4	S,S-,F	SE	5.3	12.6	SE	CLDY	46	0
23	29	2	16	0.00	0.0	5		NW	6.6	17.6	W	PC	49	0
24	14	-4	5	0.00	0.0	4		S	3.3	10.0	SW	CLR	60	0
25	22	1	12	0.01	0.1	4	SW-	NW	9.2	27.0	N	PC	53	0
26	18	7	13	0.00	0.0	4		N	7.6	17.9	N	CLR	52	0
27	23	6	15	0.00	0.0	4		NE	3.7	11.7	E	CLR	50	0
28	24	3	14	0.00	0.0	3		E	4.1	15.2	NE	PC	51	0
29	26	18	22	0.29	3.7	3	S+,S,S-	E	4.5	14.5	NE	CLDY	43	0
30	25	16	21	0.03	0.6	8	S-	SW	9.2	18.8	W	CLDY	44	0
31	26	9	18	T	T	8	SW-	W	10.	20.9	W	CLR	47	0
AVG/TOT	33.8	17.4	25.6	1.54	11.0			W	7.2				1212	0
DEP.	+2.1	+1.4	+1.7	-0.29	+2.9			W	-1.1				-71	0

NUMBER OF DAYS and DEPARTURE

	MAX TEMP				MIN TEMP				PRECIPITATION				SNOW >=1.0	SKY COVER		
	>=90	<=32	<=32	<=0	>T	>=.01	>=.10	>=.50	>=1.00	CLR	PC	CLDY				
TOTAL	0	16	27	3	13	9	4	1	0	3	7	12	12			
DEP	0	0	-2	-1	0	-1	0	0	0	0	-1	+3	-2			

	WEATHER TYPES										SEASONAL DEGREE DAYS		PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-January
TOTAL	4	0	7	2	1	0	1	2	0	0	0	3177	0	1.54
DEP	-1	-3	-3	0	0	0	0	-2				-361	0	-0.29

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"

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DEGREE DAYS: Heat and Cool base 65F. Corn Growing base 50F. Heating DD season July-June. Cool and Corn DD season

Champaign-Urbana Weather Highlights – January 2000

ILLINOIS STATE WATER SURVEY

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January started on a mild note, with a high of 60°F was recorded on the 2nd. Temperatures the first 18 days of the month averaged 9.9°F above normal. This is the third January out of the last four where maximum temperatures have reached 55°F or higher during the first week of the month (58°F on January 4, 1998, 64°F on January 4, 1997). Temperatures the last 13 days of the month averaged 10.0°F below normal, and temperatures remained below freezing during this entire period.

