

Local Climatological Data
Champaign-Urbana, IL - 118740
April 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	66	48	57	T	0.0	0	F,L-	S	8.5	21.6	S	CLDY	8	0	8
2	78	47	63	0.00	0.0	0	F	S	7.0	21.9	S	CLDY	2	0	14
3	69	53	61	0.13	0.0	0	TRW-,L-,F	SE	6.8	27.6	S	CLDY	4	0	11
4	66	51	59	0.10	0.0	0	RW,R	W	8.4	27.2	SW	CLR	6	0	9
5	67	45	56	0.17	0.0	0	TRW,R-,L-,F	SE	9.5	24.5	SE	CLDY	9	0	9
6	62	41	52	0.00	0.0	0		W	14.	37.2	W	CLDY	13	0	6
7	75	36	56	0.00	0.0	0		S	10.	33.4	S	CLR	9	0	13
8	74	47	61	0.61	0.0	0	TRW+,TRW-,RW-	SE	7.3	43.4	W	CLDY	4	0	12
9	60	44	52	0.01	0.0	0	R-,L-	WNW	9.6	25.4	W	CLDY	13	0	5
10	66	42	54	0.56	0.0	0	TRW+,RW+,A	SE	6.8	24.9	SE	CLDY	11	0	8
11	54	44	49	0.00	0.0	0		W	12.	35.1	W	CLDY	16	0	2
12	51	38	45	0.00	0.0	0		N	5.5	14.6	N	CLDY	20	0	1
13	59	37	48	0.00	0.0	0	F	NW	2.1	11.6	N	PC	17	0	5
14	64	40	52	0.00	0.0	0		SE	4.6	17.1	SE	CLDY	13	0	7
15	52	40	46	1.77	0.0	0	R+,R,RW,L-	E	7.6	31.4	W	CLDY	19	0	1
16	40	34	37	0.46	T	0	R,RW,L-,SW-	W	19.	37.1	W	CLDY	28	0	0
17	45	34	40	0.05	0.0	0	R-,L-	W	7.6	19.4	W	CLDY	25	0	0
18	52	36	44	0.01	0.0	0	L-	W	7.2	19.4	W	PC	21	0	1
19	64	35	50	0.00	0.0	0		E	3.8	15.1	W	PC	15	0	7
20	62	36	49	0.14	0.0	0	TRW+,RW+,R,L-	SE	5.7	16.9	S	PC	16	0	6
21	75	49	62	0.41	0.0	0	TRW+,R,RW-	S	6.2	16.7	SW	CLDY	3	0	13
22	76	56	66	T	0.0	0	RW-	S	11.	28.6	S	CLDY	0	1	16
23	66	44	55	T	0.0	0	RW-	NE	10.	22.4	W	CLDY	10	0	8
24	62	40	51	0.00	0.0	0		NE	6.4	16.6	NE	CLR	14	0	6
25	65	38	52	0.00	0.0	0		SE	3.9	14.5	SE	PC	13	0	8
26	65	48	57	0.07	0.0	0	R-,L-	E	2.7	11.8	SE	CLDY	8	0	8
27	71	50	61	0.28	0.0	0	RW+,R-,RW,F	SE	6.1	15.9	NE	CLDY	4	0	11
28	57	48	53	0.00	0.0	0		NE	6.8	19.0	NE	CLDY	12	0	4
29	67	46	57	0.00	0.0	0		NE	8.9	21.6	NE	CLR	8	0	9
30	70	42	56	0.00	0.0	0		NE	6.2	19.0	NE	CLR	9	0	10
AVG/TOT	63.3	43.0	53.2	4.77	0.0			NE	7.8				350	1	218
DEP.	+0.9	+1.6	+1.3	+0.83	-1.0			S	-0.7				-61	-9	+12

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	17	14	10	3	1	0	5	5	20
DEP	0	0	-5	0	+2	+2	+1	0			-3	-4	+7

	WEATHER TYPES											SEASONAL DEGREE DAYS			PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-April
TOTAL	15	10	1	0	0	1	6	6	0	0	0	5048	1	313	14.03
DEP	+2	+	-1			0	+	+				-725	-10	+17	+2.99

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 – April 1999

ILLINOIS STATE WATER SURVEY

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April was a fairly typical month in Champaign-Urbana, with temperatures near normal and precipitation slightly above normal.

The high number of cloudy days in April (20) is the highest total in the past 32 years. The last time 20 cloudy days were recorded was in April 1967.

The freezing temperature so far this spring was recorded on March 28 (29°F). There is only a 10 percent chance of 32°F or lower by May 3, and the latest occurrence is May 10.

SDH