

Local Climatological Data

Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

March 1999

DATE	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER TYPES	WIND				SKY COVER	DEGREE DAYS	
	Max	Min	Mean		Amnt	Depth		Dir	Speed	Peak	Gust		Dir	Heat
3/1/1999	50	29	40	0.00	0.0	0		W	5.6	20.8	NW	PC	25	0
3/2/1999	43	32	38	0.67	0.0	0	R-,RW-	NW	6.2	23.3	NW	CLDY	27	0
3/3/1999	34	27	31	0.00	0.0	0		NW	10.	28.4	N	CLDY	34	0
3/4/1999	43	22	33	0.00	0.0	0		SE	5.6	15.5	SE	PC	32	0
3/5/1999	46	34	40	0.40	0.0	0	R,R-,L-	SE	6.0	19.8	S	CLDY	25	0
3/6/1999	34	20	27	0.02	0.2	0	S,SW-	N	11.	24.8	N	CLDY	38	0
3/7/1999	34	18	26	0.00	0.0	0		E	4.9	14.8	NE	CLR	39	0
3/8/1999	33	21	27	0.39	2.0	0	S+,S,SW-,ZR-,ZL-	E	6.8	34.7	E	CLDY	38	0
3/9/1999	34	28	31	0.41	3.0	5	L-,F,ZL-,SW-	NW	4.6	15.0	NW	CLDY	34	0
3/10/1999	32	23	28	0.00	0.0	4		NE	7.1	18.2	NE	CLR	37	0
3/11/1999	35	23	29	0.00	0.0	2		N	4.5	13.1	N	PC	36	0
3/12/1999	40	24	32	0.00	0.0	2		NE	5.1	14.2	NE	CLR	33	0
3/13/1999	35	27	31	0.00	0.0	T		NE	8.1	19.4	NE	CLDY	34	0
3/14/1999	40	26	33	0.00	0.0	T		NE	11.	25.1	N	CLR	32	0
3/15/1999	47	26	37	0.00	0.0	T		N	4.2	12.5	SW	CLR	28	0
3/16/1999	65	28	47	0.00	0.0	0		SSW	11.	26.5	SW	CLR	18	0
3/17/1999	70	39	55	0.00	0.0	0		SW	13.	31.5	SW	CLR	10	0
3/18/1999	51	33	42	0.00	0.0	0		NW	8.5	25.1	NW	CLR	23	0
3/19/1999	48	27	38	0.00	0.0	0		NE	4.1	14.0	NE	CLR	27	0
3/20/1999	54	27	41	0.00	0.0	0		NE	3.0	10.7	SE	CLR	24	0
3/21/1999	50	33	42	0.00	0.0	0		NW	8.6	23.1	NW	CLR	23	0
3/22/1999	46	26	36	0.00	0.0	0		N	3.9	14.0	NW	PC	29	0
3/23/1999	56	31	44	0.00	0.0	0		SW	3.2	12.9	SE	PC	21	0
3/24/1999	52	32	42	0.00	0.0	0		N	6.8	18.2	N	CLR	23	0
3/25/1999	45	25	35	0.00	0.0	0		NE	6.4	20.5	NE	CLDY	30	0
3/26/1999	50	29	40	0.00	0.0	0		NE	5.3	16.1	NE	PC	25	0
3/27/1999	59	26	43	0.00	0.0	0		SE	3.1	13.5	SE	CLR	22	0
3/28/1999	53	29	41	T	0.0	0	L-,R-	WSW	6.4	23.1	SW	CLDY	24	0
3/29/1999	64	35	50	0.00	0.0	0		NW	3.7	17.0	NW	CLR	15	0
3/30/1999	71	35	53	0.00	0.0	0		S	7.7	24.9	S	CLR	12	0
3/31/1999	66	35	51	0.01	0.0	0	L-,RW-	S	9.9	28.4	S	CLDY	14	0
AVG/TOT	47.7	28.1	37.9	1.90	5.2			NE	6.7				832	0
DEP.	-1.1	-3.0	-2.1	-1.40	+1.1			S	-1.9				+47	-1

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	1	24	0	7	6	4	1	0	2	15	6	10				
DEP	0	-2	+6	0	-6	-3	-1	-1		+1	+8	-3	-5				

	WEATHER TYPES										SEASONAL DEGREE DAYS		PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-March
TOTAL	4	4	3	2	0	0	0	1	0	0	0	4698	0	9.26
DEP	-6	0	-3	+		-	-3	-3				-664	-1	+2.16

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"

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 – March 1999

ILLINOIS STATE WATER SURVEY

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The 15 days with clear skies this month is 8 greater than average, and the highest number of clear days in March in the past 40 years.

