

Local Climatological Data

Champaign-Urbana, IL - 118740

February 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	Heat	Cool
1	28	15	22	T	T	7	S-	NW	5.8	15.6	W	CLR	43	0
2	31	8	20	0.00	0.0	7	F	W	8.5	22.3	S	PC	45	0
3	39	27	33	0.02	T	6	ZR-,RW-,IP-	W	11.	27.0	NW	CLDY	32	0
4	30	16	23	0.04	0.9	5	S-	NW	7.5	23.1	NW	CLDY	42	0
5	30	10	20	0.00	0.0	5		W	6.7	25.2	W	PC	45	0
6	36	14	25	0.00	0.0	5		SE	3.1	11.6	S	PC	40	0
7	32	24	28	0.00	0.0	4	F	N	5.3	15.4	N	PC	37	0
8	38	13	26	0.00	0.0	4	F	S	4.8	16.6	S	CLR	39	0
9	54	32	43	0.00	0.0	4		SW	6.3	18.2	SW	PC	22	0
10	53	32	43	0.20	0.0	1	RW,RW-,F	SE	5.1	20.1	NW	CLDY	22	0
11	32	25	29	0.00	0.0	T		N	8.3	20.8	N	CLDY	36	0
12	42	22	32	0.00	0.0	T		SE	4.3	15.0	SE	PC	33	0
13	35	28	32	0.02	T	0	RW-,L-,SW-,IP-,F	NE	5.4	18.8	NE	CLDY	33	0
14	32	28	30	T	T	T	SW-	NE	5.4	15.8	N	CLDY	35	0
15	45	30	38	0.00	0.0	0		S	10.	27.6	S	PC	27	0
16	42	21	32	0.00	0.0	0		N	6.3	23.5	N	CLDY	33	0
17	41	20	31	0.02	T	0	RW-,IPW-,SW-	E	4.7	18.6	SE	PC	34	0
18	35	30	33	1.39	T	0	TRW+,TRW,R,L,S	NE	7.3	18.8	N	CLDY	32	0
19	33	29	31	0.00	0.0	T		W	7.3	17.2	W	CLDY	34	0
20	44	27	36	0.00	0.0	0		W	6.3	20.7	W	CLR	29	0
21	53	25	39	T	0.0	0	RW-	S	8.7	28.1	S	PC	26	0
22	64	44	54	0.00	0.0	0		S	8.1	23.3	S	PC	11	0
23	65	43	54	0.04	0.0	0	RW-	S	10.	29.5	S	PC	11	0
24	69	48	59	0.08	0.0	0	RW-	S	11.	34.5	SW	PC	6	0
25	72	46	59	T	0.0	0	RW-,F	S	11.	32.2	S	PC	6	0
26	60	50	55	0.46	0.0	0	RW+,RW,RW-	S	13.	30.1	S	CLDY	10	0
27	53	33	43	0.00	0.0	0		W	8.4	23.8	W	PC	22	0
28	59	29	44	0.00	0.0	0		SE	4.6	15.9	S	CLR	21	0
29	66	36	51	0.13	0.0	0	TRW,RW,RW-	S	11.	33.6	S	PC	14	0
AVG/TOT	45.3	27.8	36.6	2.40	0.9			S	7.5				820	0
DEP.	+9.0	+7.5	+8.3	+0.43	-6.1			S	-0.5				-222	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	22	0	14	10	4	1	1	0	4	15	10
DEP	0	-4	-2	-2	+1	0	0	+1		-2	-4	+8	-3

	WEATHER TYPES										SEASONAL DEGREE DAYS		PRECIPITATION	
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	JAN-February
TOTAL	11	2	6	1	3	0	2	5	0	0	0	3997	0	3.94
DEP	+6	-1	-3	-1		0		+				-580	0	+0.14

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:

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" = Trace
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.

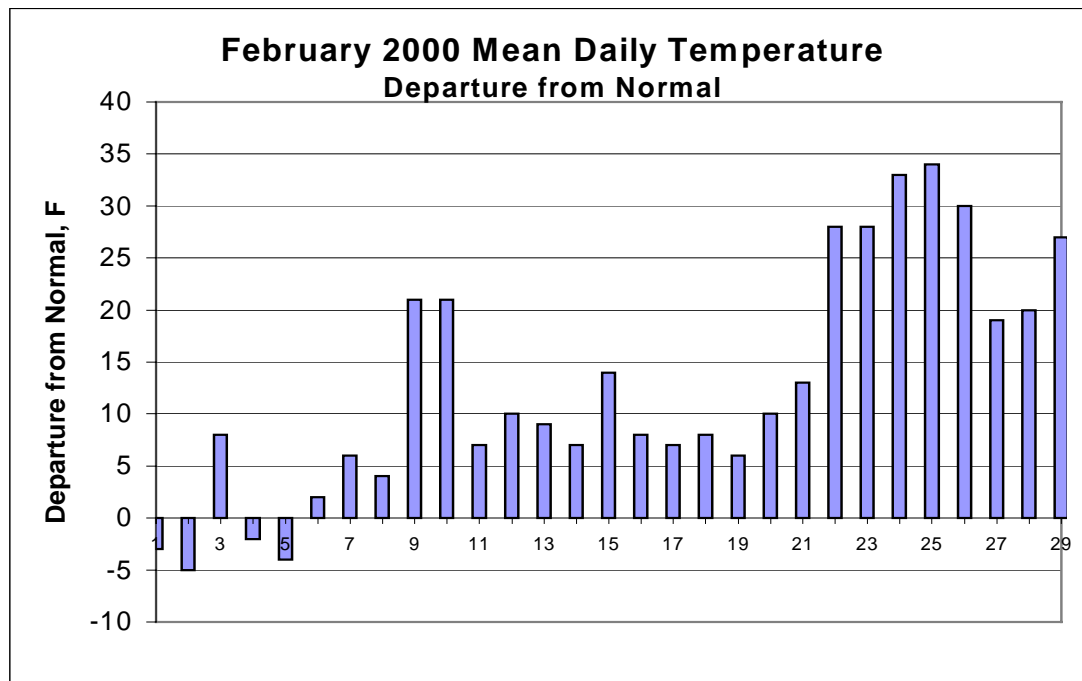
Champaign-Urbana Weather Highlights – February 2000

ILLINOIS STATE WATER SURVEY

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

- The record high of 65°F on February 23rd broke the old record of 64°F set in 1996.
- The record high of 72°F on February 25th shattered old record high of 66°F set in 1930. This is also the new record high for the month of February. The old record was 71°F set on February 26, 1996 and on February 29, 1972.
- The minimum temperature of 50°F on February 26 is a new record high minimum for the date.
- The 1.39 inches of rain produced by the thunderstorms on February 18th is a new daily record amount for this date. The previous record was 0.77 inches in 1962.

There were only four days this month where the mean daily temperature was below normal. The mean maximum temperature for the month of 45.3°F is the 10th warmest on record. The mean daily temperature for the month (35.6°F) makes this the 11th warmest February on record.



Winter (December, January, February) statistics: Mean maximum: 39.7°F (+4.9)
Mean minimum: 22.7°F (+3.3°)
Mean temperature: 31.2°F (+4.1°)
Precipitation: 5.99 inches (-0.83)
Snowfall: 17.9 inches (-3.2)

SDH