

Local Climatological Data
Champaign-Urbana, IL - 118740

Illinois State Water Survey
Water Survey Research Center

April 2003

DATE	TEMPERATURE			PRECIP (in)	SNOW (in)		WEATHER TYPES	WIND				SKY COVER	DEGREE DAYS		
	Max	Min	Mean		Amnt	Depth		Dir	Speed (mph)	Peak Gust	Gust Dir		Heat	Cool	Corn
1	81	51	66	0.00	0.0	0		SW	13.2	30.0	SW	CLR	0	1	16
2	77	55	66	0.00	0.0	0		SW	12.7	28.8	S	CLR	0	1	16
3	76	57	67	0.00	0.0	0		S	11.8	25.1	SW	PC	0	2	17
4	73	39	56	0.31	0.0	0	TRW,RW-	SW	9.8	30.0	W	CLDY	9	0	12
5	39	30	35	T	T	0	RW-,SW-	NW	7.5	23.0	W	CLDY	30	0	0
6	39	29	34	0.34	T	0	R,RW-,IP-	NE	6.5	24.5	NE	CLDY	31	0	0
7	43	33	38	0.15	0.0	0	R-,F	NE	4.0	15.6	NE	CLDY	27	0	0
8	38	33	36	T	0.0	0	L-,F	N	6.8	17.2	N	CLDY	29	0	0
9	50	30	40	0.00	0.0	0		NE	8.5	19.8	NE	PC	25	0	0
10	62	31	47	0.00	0.0	0		NE	6.7	16.9	N	CLR	18	0	6
11	72	38	55	0.00	0.0	0		N	3.8	16.4	W	CLR	10	0	11
12	67	37	52	0.00	0.0	0		NE	5.8	17.0	NE	CLR	13	0	9
13	71	32	52	0.00	0.0	0		SE	3.9	15.2	SE	CLR	13	0	11
14	84	42	63	0.00	0.0	0		S	8.2	24.4	S	CLR	2	0	17
15	83	58	71	0.00	0.0	0		S	12.7	31.0	S	CLR	0	6	21
16	76	55	66	0.03	0.0	0	RW-	S	9.6	27.7	S	PC	0	1	16
17	61	46	54	0.20	0.0	0	RW-	NE	5.8	16.2	N	CLDY	11	0	6
18	61	45	53	0.00	0.0	0		SE	4.0	13.1	N	CLDY	12	0	6
19	76	49	63	T	0.0	0	RW-	S	8.6	27.0	SW	PC	2	0	13
20	68	50	59	0.43	0.0	0	TRW,RW-	W	9.2	32.2	SW	CLDY	6	0	9
21	53	46	50	T	0.0	0	RW-,L-	W	7.9	21.4	W	CLDY	15	0	2
22	63	38	51	0.00	0.0	0		N	6.7	19.4	N	CLR	14	0	7
23	66	35	51	0.00	0.0	0		E	2.0	11.1	S	CLR	14	0	8
24	60	44	52	0.47	0.0	0	TRW,RW-	E	4.4	20.6	SE	CLDY	13	0	5
25	52	42	47	0.25	0.0	0	R,R-,L-	NE	5.9	23.0	E	CLDY	18	0	1
26	66	38	52	0.00	0.0	0		NE	5.2	15.5	N	CLR	13	0	8
27	73	40	57	0.00	0.0	0		S	4.2	16.6	S	CLR	8	0	12
28	74	49	62	0.01	0.0	0	RW-	SW	3.8	16.4	N	PC	3	0	12
29	77	53	65	0.01	0.0	0	RW-	N	3.6	13.9	NE	PC	0	0	15
30	81	52	67	0.00	0.0	0		S	6.8	28.9	S	PC	0	2	17
AVG/TOT	65.4	42.6	54.0	2.20	0.0			NE	7.0				336	13	273
DEP.	+3.2	+1.8	+2.5	-1.45	-0.5			S	-0.9				-76	+5	+67

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	5	0	14	10	7	0	0	0	12	7	11				
DEP	0	0	0	0	-2	-1	-2	-1		0	+4	-2	-2				

	WEATHER TYPES											SEASONAL DEGREE DAYS			PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-April
TOTAL	13	3	1	0	1	0	3	2	0	0	0	5700	13	423	6.67
DFF	0	-1	-1				-1	-2	-1			+37	+5	+116	-4.09

Averages based on 1971-2000 data. The daily sky condition is determined by the prevailing sky condition of three observations made between 7am and 7pm LST. Snow depth at 7am LST. All other data midnight-midnight. M = Missing

WEATHER TYPES:

R = Rain
L = Drizzle
S = Snow
T = Thunder
Z = Freezing rain/drizzle
IP = Ice pellets (sleet)
A = Hail
F = Fog
D = Dust
H = Haze
BS = Blowing snow
RW = Rainshower
SW = Snowshower

PRECIP INTENSITY

- Light
Moderate
+ Heavy
Precip amount "T" = Trace

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 – April 2003

ILLINOIS STATE WATER SURVEY

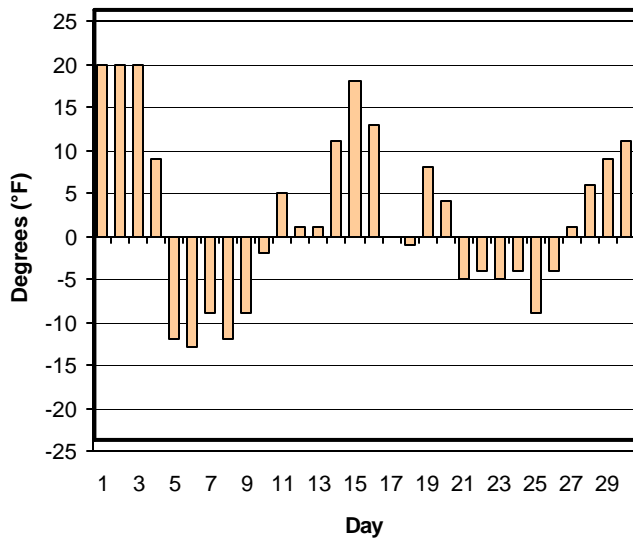
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April 2003 ranked as the 18th warmest April since 1888. The maximum temperature of 65.4°F was also the 18th highest maximum temperature on record while the minimum temperature of 42.6°F was the 24th warmest minimum temperature reported for the month. There was one temperature record broken during April 2003:

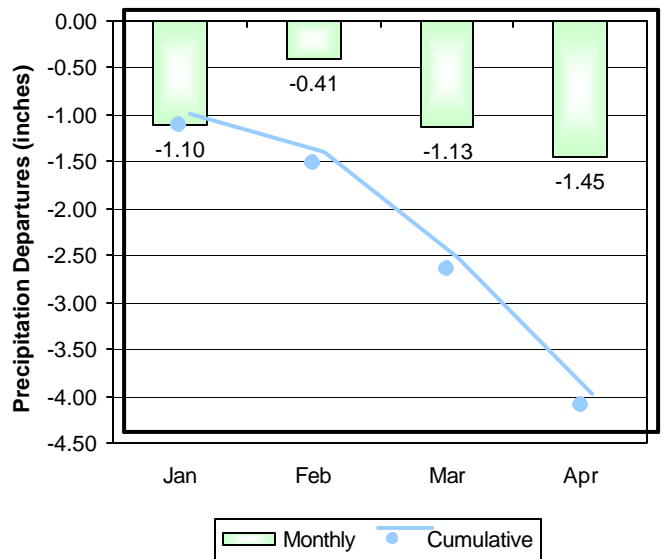
- ‡ A new record high maximum temperature for April 14th was set when the maximum temperature reached 84°F. The old record was 81°F and was set in 1977.

April 2003 was 1.45 inches of precipitation below average and was the 23rd driest April on record. Like last month, this continued the string of months with below average precipitation. Since November 2002, the Champaign-Urbana area is 5.66 inches of precipitation below average. With no measurable snowfall during the month, April 2003 tied 65 other Aprils with snowfall totals of zero.

April 2003 Mean Daily Temperature Departure from Normal



2003 Monthly Precipitation Departures from Normal



MCP

The daily climate statistics are available by touch-tone phone. Call 333-8890 and select menu option 1. The recording is updated daily Monday through Friday by 8:00 a.m. For this and other climate data, visit the State Climatologist web site at <http://www.sws.uiuc.edu/atmos/statecli/>