

Local Climatological Data  
Champaign-Urbana, IL - 118740

Illinois State Water Survey  
Water Survey Research Center

August 2001

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	93	70	82	0.00	0.0	0	F	S	3.3	13.7	S	CLR	0	17	28
2	87	70	79	0.93	0.0	0	TRW,F	SW	4.3	17.0	W	PC	0	14	28
3	88	70	79	0.00	0.0	0		N	3.0	11.6	W	PC	0	14	28
4	87	68	78	0.00	0.0	0		NE	2.3	9.9	N	CLR	0	13	27
5	88	69	79	0.00	0.0	0		NE	1.5	8.1	SE	CLR	0	14	28
6	89	67	78	0.00	0.0	0		SE	1.7	8.3	SE	CLR	0	13	27
7	91	67	79	0.00	0.0	0		SW	2.0	9.6	W	CLR	0	14	27
8	93	69	81	0.00	0.0	0	F	SE	1.8	9.9	S	PC	0	16	28
9	92	73	83	0.01	0.0	0	RW,F	SW	4.2	20.0	W	PC	0	18	30
10	84	65	75	0.00	0.0	0		N	4.0	13.8	N	CLDY	0	10	25
11	83	63	73	0.00	0.0	0		NE	3.1	9.9	W	CLR	0	8	23
12	88	62	75	0.00	0.0	0		N	2.2	14.5	W	CLR	0	10	24
13	85	60	73	0.00	0.0	0		W	4.2	15.7	N	PC	0	8	23
14	82	56	69	0.00	0.0	0		NE	2.8	13.7	NE	PC	0	4	19
15	84	58	71	T	0.0	0	RW-	S	2.8	13.1	SW	PC	0	6	21
16	72	60	66	0.08	0.0	0	RW-,L-	W	7.5	21.0	W	CLDY	0	1	16
17	83	56	70	0.00	0.0	0		W	3.9	15.4	W	PC	0	5	20
18	87	59	73	0.31	0.0	0	TRW+,RW	S	3.8	24.8	W	CLDY	0	8	23
19	75	55	65	0.00	0.0	0		W	4.4	16.4	NW	CLDY	0	0	15
20	82	59	71	0.00	0.0	0		N	2.4	16.9	S	PC	0	6	21
21	81	57	69	0.01	0.0	0	RW-	S	4.3	18.0	S	CLDY	0	4	19
22	95	65	80	0.64	0.0	0	TRW+	SW	5.7	24.6	N	PC	0	15	26
23	85	67	76	0.41	0.0	0	TRW	SW	3.5	12.0	SW	CLDY	0	11	26
24	81	69	75	0.00	0.0	0	F	SE	3.6	13.1	S	PC	0	10	25
25	84	69	77	0.68	0.0	0	TRW+,RW-	S	5.8	15.9	S	CLDY	0	12	27
26	85	66	76	0.00	0.0	0		NW	3.2	12.1	W	CLDY	0	11	26
27	86	62	74	0.00	0.0	0		SW	3.7	14.2	W	PC	0	9	24
28	85	66	76	0.00	0.0	0		NE	3.9	11.9	N	PC	0	11	26
29	86	61	74	0.00	0.0	0		SE	2.1	8.3	N	PC	0	9	24
30	89	65	77	1.70	0.0	0	TRW+	SW	4.5	29.3	W	CLDY	0	12	26
31	82	61	72	0.02	0.0	0	RW-	N	3.7	12.4	N	CLDY	0	7	22
<b>AVG/TOT</b>	<b>85.5</b>	<b>64.0</b>	<b>74.8</b>	<b>4.79</b>	<b>0.0</b>			<b>SW</b>	<b>3.5</b>				<b>0</b>	<b>310</b>	<b>752</b>
DEP.	+2.3	+1.3	+1.8	+0.42	0.0			NE	-0.7				-1	+55	+61

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	5	0	0	0	11	10	6	4	1	0	7	14	10
DEP	-1	0	0	0	+2	-1	+2	0	0	0	-3	+2	+1

	WEATHER TYPES											SEASONAL DEGREE DAYS			PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-August
TOTAL	11	1	0	0	0	0	6	5	0	0	0	2	968	2955	22.19
DEP	0	0	0	0	0	0	-1					+1	+107	+150	-6.62

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      Z = Freezing rain/drizzle      D = Dust  
L = Drizzle    IP = Ice pellets (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.

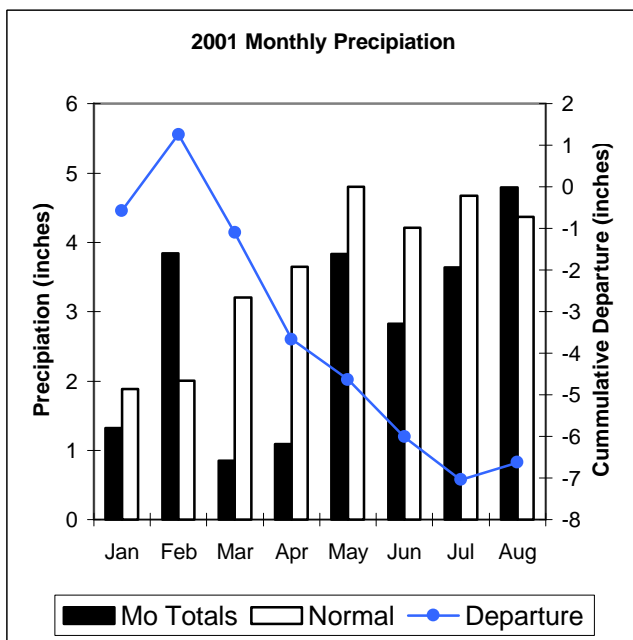
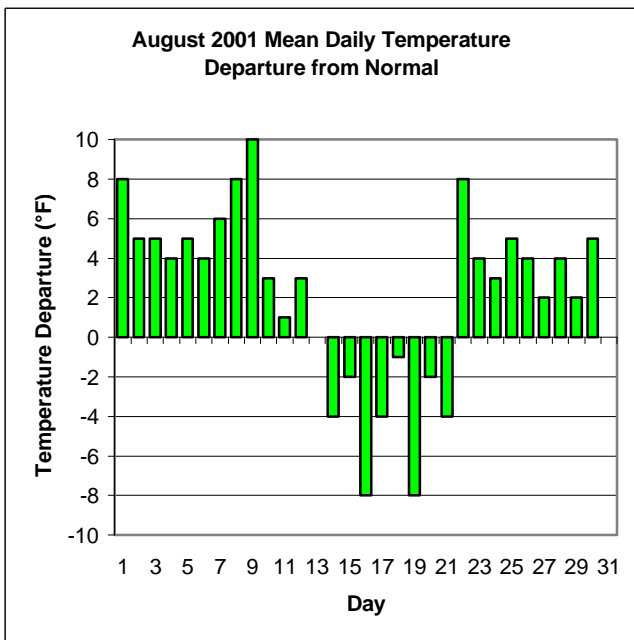
# Champaign-Urbana Weather Highlights – August 2001

## ILLINOIS STATE WATER SURVEY

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The most notable fact about August, 2001 was that it was the first month since February with above average precipitation, although Champaign-Urbana is still 6.62 inches below average for the year. The majority of the precipitation came during 3 very electrical storms. However, because the storm of the 22<sup>nd</sup> - 23<sup>rd</sup> was an overnight event, its precipitation is recorded over 2 days. The storm of the 30<sup>th</sup> set a new record high precipitation of 1.70", replacing the old record of 0.86" which was set in 1965.

There were no new temperature records set in August and the averages for the month were close to normal. The average mean temperature for the month ranks August, 2001 as the 20<sup>th</sup> warmest on record when compared to the historic (1888-2001) range of 80.9° - 67.0°F.



Summer (June, July, August) statistics:

Mean maximum: 84.2°F (+0.5°)  
 Mean minimum: 62.7°F (-0.1°)  
 Mean temperature: 73.4°F (+0.1°)  
 Precipitation: 11.26 inches (-1.99")

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/>