

Illinois State Water Survey  
Water Survey Research Center

# Local Climatological Data Champaign-Urbana, IL - 118740

June 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	Cool
1	82	62	72	1.21	0.0	0	TRW+,L-,F	S	7.2	30.7	SW	CLDY	0	7	22
2	73	60	67	0.00	0.0	0		W	6.7	16.2	W	PC	0	2	17
3	78	58	68	0.00	0.0	0	F	NE	2.0	10.1	NE	PC	0	3	18
4	81	56	69	0.83	0.0	0	TRW+	SE	5.0	21.5	W	CLDY	0	4	19
5	88	60	74	0.00	0.0	0		S	5.9	16.8	S	CLR	0	9	23
6	90	70	80	0.00	0.0	0		S	7.8	23.1	S	CLR	0	15	28
7	91	71	81	0.00	0.0	0		SW	7.0	15.6	W	CLR	0	16	29
8	94	72	83	0.00	0.0	0	T	SW	3.1	15.5	SW	PC	0	18	29
9	91	67	79	0.00	0.0	0	T	S	3.1	12.7	S	PC	0	14	27
10	91	70	81	0.00	0.0	0	T,F	S	4.0	16.1	S	CLR	0	16	28
11	90	69	80	T	0.0	0	T, RW-, L-	E	3.9	18.6	SE	CLDY	0	15	28
12	85	68	77	1.93	0.0	0	TRW+,TRW,RW+,R	NE	2.7	22.0	S	CLDY	0	12	27
13	77	64	71	0.96	0.0	0	TRW+,TRW,RW	N	4.1	28.1	S	CLDY	0	6	21
14	76	60	68	0.00	0.0	0		NW	5.4	18.5	N	CLR	0	3	18
15	69	55	62	0.00	0.0	0		NE	5.3	16.2	NE	PC	3	0	12
16	67	53	60	0.02	0.0	0	RW-	NE	3.7	12.4	N	CLDY	5	0	10
17	69	49	59	0.00	0.0	0		N	4.3	13.9	NE	CLR	6	0	10
18	75	46	61	0.00	0.0	0		E	2.8	11.4	E	PC	4	0	13
19	76	57	67	0.00	0.0	0		SE	3.0	12.7	SE	CLDY	0	2	17
20	77	57	67	0.00	0.0	0		SE	1.9	7.9	SE	CLDY	0	2	17
21	83	64	74	0.00	0.0	0		S	2.7	11.0	S	PC	0	9	24
22	87	67	77	0.03	0.0	0	RW-	SE	3.2	15.6	SE	CLR	0	12	27
23	84	66	75	0.20	0.0	0	RW-,TRW+	S	6.4	18.7	S	CLDY	0	10	25
24	82	67	75	0.39	0.0	0	RW+,TRW-	N	3.2	14.7	N	PC	0	10	25
25	86	64	75	0.00	0.0	0		E	1.8	7.8	SE	CLR	0	10	25
26	84	67	76	0.50	0.0	0	TRW+,RW-	SE	1.6	11.6	W	CLDY	0	11	26
27	86	70	78	0.04	0.0	0	RW	SW	3.0	10.4	W	PC	0	13	28
28	85	69	77	0.00	0.0	0		W	6.1	20.2	W	CLDY	0	12	27
29	74	61	68	0.03	0.0	0	RW-	N	3.8	15.1	N	CLDY	0	3	18
30	77	59	68	0.00	0.0	0		SE	3.6	12.8	S	PC	0	3	18
<b>AVG/TOT</b>	<b>81.6</b>	<b>62.6</b>	<b>72.1</b>	<b>6.14</b>	<b>0.0</b>			<b>S</b>	<b>4.1</b>				<b>18</b>	<b>237</b>	<b>656</b>
DEP.	-1.3	+1.9	+0.3	+2.07	0.0			SW	-1.9				+2	+23	+28

### NUMBER OF DAYS and DEPARTURE

	MAX TEMP				PRECIPITATION	SNOW	SKY COVER						
	>=90	<=32	<=32	<=0			>T	>=.01	>=.10	>=.50	>=1.00	>=1.0	CLR
TOTAL	6	0	0	0	12	11	7	5	2	0	8	10	12
DEP	0	0	0	0	+2	+1	+2	0	0	0	-2	-2	+4

	WEATHER TYPES											SEASONAL DEGREE DAYS			PRECIPITATION
	R	L	S	Z	IP	A	T	F	D	H	BS	HEATING	COOLING	CORN	JAN-June
TOTAL	12	2	0	0	0	0	11	3	0	1	0	5142	305	1436	23.69
DEP	+1	-1	0	0	-	+	+	-797	+9	+89	+4.61				

**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"  
  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.

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 7:30 a.m. Unofficial data may be obtained from the Midwestern Climate Center Web site at <http://mcc.sws.uiuc.edu/weather>

# Champaign-Urbana Weather Highlights – June 1999

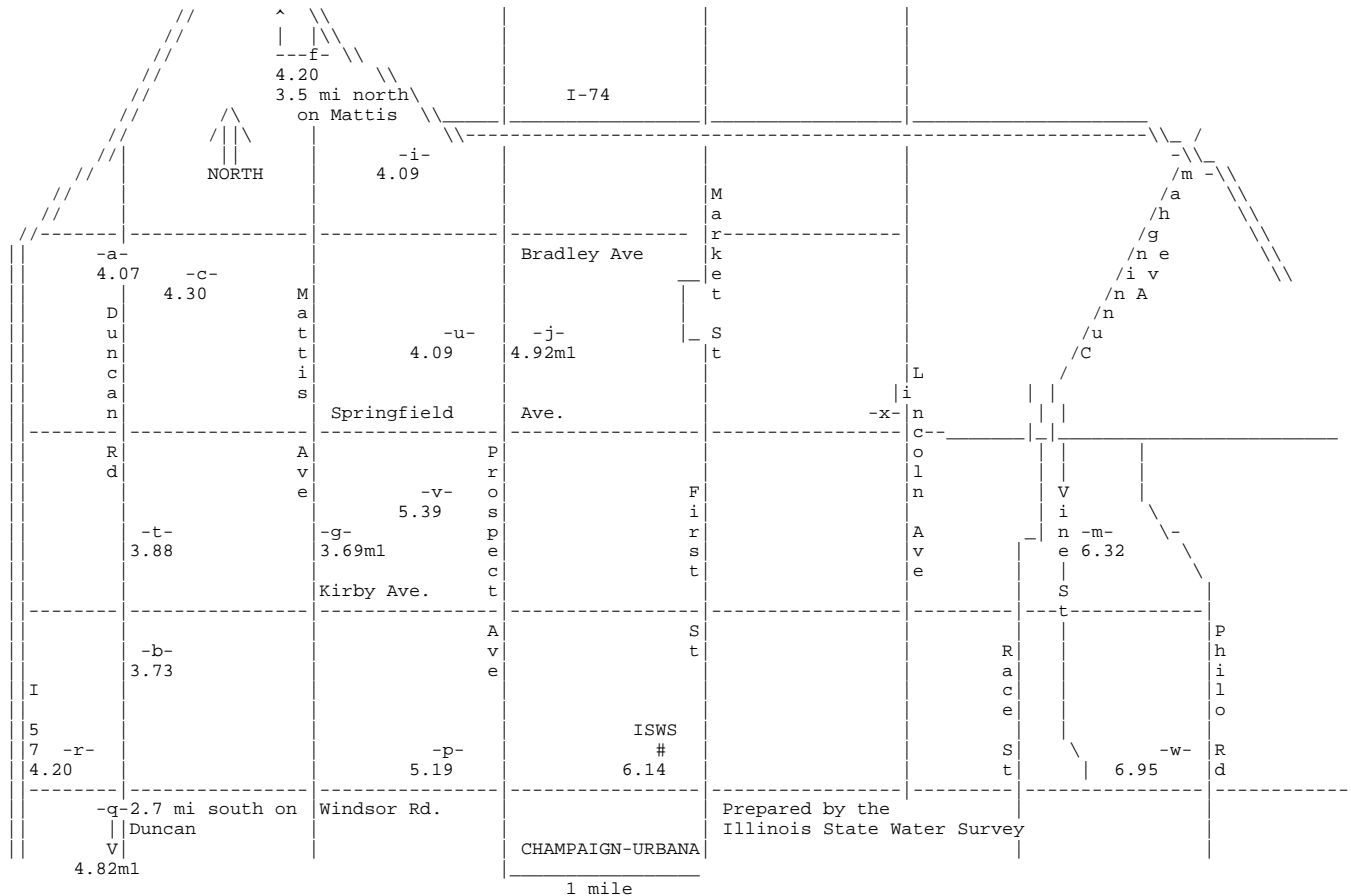
## ILLINOIS STATE WATER SURVEY

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June average temperatures turned out to be close to normal (+0.3°F), but this does not tell the story of how temperatures varied during the month. The average maximum temperature was 1.3°F below normal, and the average minimum 1.9°F above normal. The temperatures were not consistently warm or consistently cool, but varied a great deal from week to week. The first 90°F reading of the season occurred on June 6, followed by five more consecutive 90°F or higher days, the normal for June. The following week however, temperatures were much below normal, and on three days the maximum temperature failed to reach 70°F. There were no temperature records set or tied this month.

The weather station at the Water Survey recorded one of the highest rainfall amounts in the area during June. Rainfall varied from 3.73 inches in west Champaign to almost seven (6.95) inches in eastern Urbana. This is not that unusual during the warm season, when convective showers and thunderstorms can drop heavy rain on relatively small areas. *SDH*

CHAMPAIGN-URBANA "BONEYARD" PRECIPITATION NETWORK  
 Period: June 1999



REMARKS: Amounts plotted are for period 07:00 a.m. LT 5/31 to 07:00 a.m. LT 6/30, except for ISWS.  
 ISWS amount for period from 12:01 a.m. CST on the 1st to 11:59 p.m. CST on 6/30.  
 M = all data for this station missing                      mN = N days of data missing for this station

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