

Weather Observations for Champaign-Urbana, Illinois  
 Illinois State Water Survey, Prairie Research Institute, University of Illinois

July	2012					Heating	Cooling	8am	8am	8am	Comments
Day	High	Time (CST)	Low	Time (CST)	Mean	Degree Days	Degree Days	Precipitation inches	Snowfall inches	Snow Depth inches	
1	95	3:01 PM	71	2:46 AM	83	0	18	0.05	0	0	thunderstorm
2	99	3:33 PM	69	5:23 AM	84	0	19	0	0	0	
3	97	2:52 PM	69	4:14 AM	83	0	18	0	0	0	
4	100	1:32 PM	72	4:54 AM	86	0	21	0	0	0	
5	102	2:46 PM	71	4:47 AM	87	0	22	0	0	0	High T ties record set in 1936
6	103	2:59 PM	73	4:47 AM	88	0	23	0	0	0	
7	103	2:29 PM	74	11:59 PM	89	0	24	0	0	0	
8	89	11:05 AM	69	11:44 PM	79	0	14	0	0	0	
9	91	4:02 PM	66	4:53 AM	79	0	14	0.15	0	0	
10	91	2:26 PM	68	11:58 PM	80	0	15	0	0	0	
11	92	3:04 PM	65	4:15 AM	79	0	14	0	0	0	
12	95	12:27 PM	67	4:12 AM	81	0	16	0	0	0	
13	94	2:59 PM	66	4:28 AM	80	0	15	0	0	0	
14	84	8:53 AM	68	4:27 AM	76	0	11	0	0	0	
15	94	2:40 PM	67	3:20 AM	81	0	16	0.37	0	0	thunderstorm
16	96	1:17 PM	71	4:12 AM	84	0	19	0	0	0	
17	98	12:18 PM	73	5:00 AM	86	0	21	0	0	0	
18	101	2:12 PM	73	4:30 AM	87	0	22	0.04	0	0	thunderstorm
19	98	11:33 AM	73	5:19 AM	86	0	21	0	0	0	
20	86	3:03 PM	68	11:58 PM	77	0	12	T	0	0	rain
21	93	1:53 PM	63	4:04 AM	78	0	13	0	0	0	
22	99	2:38 PM	68	4:26 AM	84	0	19	0	0	0	
23	102	3:26 PM	74	5:00 AM	88	0	23	0	0	0	
24	97	3:08 PM	75	11:58 PM	86	0	21	0	0	0	
25	103	2:58 PM	72	5:12 AM	88	0	23	0	0	0	
26	90	3:00 PM	71	11:37 PM	81	0	16	0	0	0	
27	90	12:58 PM	65	4:28 AM	78	0	13	T	0	0	rain
28	88	2:27 PM	66	11:58 PM	77	0	12	T	0	0	rain
29	90	4:21 PM	63	4:55 AM	77	0	12	0	0	0	
30	96	1:37 PM	66	4:28 AM	81	0	16	0	0	0	
31	99	2:16 PM	66	5:58 AM	83	0	18	0	0	0	
Average	95.3		69.1		82.5						second warmest July on record, last July was third third driest July on record
Sum						0	541	0.61	0		
Highest	103		75		89	0	24	0.37	0	0	
Lowest	84		63		76	0	11	0	0	0	
Normal	85.0		64.9		75.0	1	309	4.70	0		
Departure	10.3		4.2		7.5			-4.09	0		
Days 90	27	Days 32	0								new record for the highest number of days 90 or above second highest number of days 100 or above (7)

Notes:

Temperatures are from midnight to midnight (calendar day) and are in degrees Fahrenheit  
 Precipitation and snowfall are measured at 8 am and represent the previous 24 hours, T means a trace of precipitation  
 Time is always Central Standard Time (CST)  
 Heating and cooling degree days use a base temperature of 65°F  
 Normal refers to the new 1981-2010 average  
 Days 90 means number of days with a high of 90 degrees or more, Days 32 means number of days with a low of 32 degrees or less

