

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

September 2012

Day	High	Time (CST)	Low	Time (CST)	Mean	Heating Degree Days	Cooling Degree Days	8am Precipitation inches	8am Snowfall inches	8am Snow Depth inches	Comments
1	82	2:03 PM	71	8:44 PM	77	0	12	1.29	0	0	
2	76	5:13 PM	71	2:44 AM	74	0	9	1.99	0	0	
3	87	2:14 PM	71	5:23 AM	79	0	14	0.17	0	0	Storm total from Isaac = 3.45 inches
4	91	2:32 PM	68	4:45 AM	80	0	15	0	0	0	
5	80	4:25 PM	66	5:12 AM	73	0	8	0.05	0	0	rain
6	88	2:24 PM	66	11:57 PM	77	0	12	0.11	0	0	rain, fog
7	74	2:43 PM	60	11:56 PM	67	0	2	0	0	0	
8	72	2:55 PM	54	5:30 AM	63	2	0	0.67	0	0	thunderstorm
9	72	3:05 PM	54	2:38 AM	63	2	0	0	0	0	
10	78	3:54 PM	51	5:06 AM	65	0	0	0	0	0	
11	83	2:07 PM	51	5:20 AM	67	0	2	0	0	0	
12	85	1:21 PM	53	5:17 AM	69	0	4	0	0	0	
13	86	1:15 PM	58	11:48 PM	72	0	7	0	0	0	
14	72	1:12 PM	53	11:57 PM	63	2	0	0.29	0	0	rain
15	76	2:03 PM	49	5:28 AM	63	2	0	0	0	0	
16	79	2:33 PM	49	4:08 AM	64	1	0	0	0	0	
17	78	2:28 PM	55	2:56 AM	67	0	2	0	0	0	
18	64	3:05 PM	43	11:59 PM	54	11	0	0.21	0	0	thunderstorm
19	72	1:21 PM	38	4:58 AM	55	10	0	0	0	0	
20	75	1:00 PM	50	11:59 PM	63	2	0	0	0	0	
21	77	1:09 PM	46	4:04 AM	62	3	0	0	0	0	
22	60	2:38 PM	42	10:38 PM	51	14	0	0.58	0	0	thunderstorms, rain
23	65	3:16 PM	41	6:14 AM	53	12	0	0	0	0	
24	71	1:24 PM	35	5:57 AM	53	12	0	0	0	0	
25	70	12:18 PM	53	5:13 AM	62	3	0	0.16	0	0	
26	72	1:38 PM	59	11:58 PM	66	0	1	0.15	0	0	
27	73	2:55 PM	54	11:53 PM	64	1	0	0.04	0	0	
28	71	2:01 PM	52	5:27 AM	62	3	0	0	0	0	
29	75	3:28 PM	49	6:28 AM	62	3	0	0	0	0	
30	71	4:30 PM	51	1:26 AM	61	4	0	0.00	0	0	
Average	75.8		53.8		65.0						
Sum						87	88	5.71	0		
Highest	91		71		80	14	15	1.99	0	0	
Lowest	60		35		51	0	0	0	0	0	
Normal	78.2		54.2		66.2	79	115	3.13	0		
Departure	-2.4		-0.4		-1.2			2.58	0		
Days 90	1	Days 32	0								

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

