

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

October 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	64	1:16 PM	49	5:54 AM	57	8	0	0	0	0	
2	61	10:24 AM	53	12:55 PM	57	8	0	T	0	0	
3	71	2:41 PM	54	9:55 PM	63	2	0	0.38	0	0	rain, fog
4	80	1:43 PM	50	10:49 PM	65	0	0	0.03	0	0	light rain
5	51	12:05 AM	36	11:56 PM	44	21	0	0.60	0	0	rain
6	51	1:38 PM	32	5:46 AM	42	23	0	0.28	0	0	rain
7	51	1:00 PM	31	11:59 PM	41	24	0	0	0	0	
8	59	2:05 PM	28	5:26 AM	44	21	0	0	0	0	
9	65	1:13 PM	35	4:02 AM	50	15	0	0	0	0	
10	54	2:11 PM	33	11:57 PM	44	21	0	0.03	0	0	rain
11	64	3:05 PM	31	2:00 AM	48	17	0	0	0	0	
12	61	2:21 PM	43	6:20 AM	52	13	0	0	0	0	
13	67	6:37 PM	45	11:59 PM	56	9	0	0	0	0	
14	72	1:17 PM	49	11:58 PM	61	4	0	0.78	0	0	rain, thunderstorm
15	62	2:31 PM	42	6:26 AM	52	13	0	0.05	0	0	rain
16	71	2:19 PM	39	4:17 AM	55	10	0	0	0	0	
17	68	3:23 PM	50	3:30 AM	59	6	0	0	0	0	
18	58	12:01 PM	43	5:42 AM	51	14	0	0.73	0	0	rain
19	50	12:19 PM	44	1:45 AM	47	18	0	0.15	0	0	light rain
20	56	12:48 PM	40	10:18 PM	48	17	0	0.34	0	0	rain
21	71	1:36 PM	39	2:54 AM	55	10	0	0	0	0	
22	68	4:23 PM	55	12:02 AM	62	3	0	0	0	0	
23	70	3:05 PM	58	9:20 PM	64	1	0	1.54	0	0	rain, thunderstorm
24	78	2:38 PM	55	6:13 AM	67	0	2	0.09	0	0	rain
25	77	1:17 PM	43	10:52 PM	60	5	0	0	0	0	
26	49	2:50 PM	38	6:54 AM	44	21	0	0.46	0	0	rain
27	50	1:49 PM	34	5:48 AM	42	23	0	0	0	0	
28	49	2:52 PM	34	6:33 AM	42	23	0	0	0	0	
29	53	2:00 PM	33	5:45 AM	43	22	0	0	0	0	
30	49	2:38 PM	36	5:47 AM	43	22	0	0	0	0	
31	50	2:20 PM	31	6:56 AM	41	24	0	0	0	0	
Average	61.3		41.4		51.6						
Sum						418	2	5.46	0		
Highest	80		58		67	24	2	1.54	0	0	
Lowest	49		28		41	0	0	0	0	0	
Normal	65.2		42.6		53.9	358	14	3.26	0.1		
Departure	-3.9		-1.2		-2.3			2.2	-0.1		
Days 90	0	Days 32	5								

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

