

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

August 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	94	2:41 PM	65	3:48 AM	80	0	15	0	0	0	
2	101	2:28 PM	61	4:48 AM	81	0	16	0	0	0	
3	97	2:28 PM	66	4:49 AM	82	0	17	0	0	0	
4	98	1:47 PM	72	5:08 AM	85	0	20	0	0	0	
5	88	3:41 PM	70	4:58 AM	79	0	14	0.66	0	0	THUNDERSTORMS
6	89	1:55 PM	63	4:40 AM	76	0	11	0	0	0	
7	96	2:07 PM	62	4:39 AM	79	0	14	0	0	0	
8	95	2:57 PM	68	4:58 AM	82	0	17	0	0	0	
9	92	3:15 PM	65	11:58 PM	79	0	14	0.01	0	0	LIGHT RAIN
10	79	3:37 PM	60	11:46 PM	70	0	5	0.65	0	0	HEAVY THUNDERSTORM CELL
11	81	4:16 PM	54	5:15 AM	68	0	3	0	0	0	
12	81	12:18 PM	56	5:15 AM	69	0	4	0	0	0	
13	72	12:58 PM	61	4:58 AM	67	0	2	0.28	0	0	
14	83	2:14 PM	62	4:40 AM	73	0	8	0.07	0	0	light rain, fog
15	90	3:54 PM	60	3:29 AM	75	0	10	0	0	0	
16	73	8:50 AM	62	11:58 PM	68	0	3	0	0	0	
17	76	2:20 PM	56	5:16 AM	66	0	1	1.82	0	0	heavy rain, thunderstorm, hail
18	79	3:48 PM	53	4:29 AM	66	0	1	0	0	0	
19	78	11:46 AM	57	5:57 AM	68	0	3	0	0	0	
20	81	1:22 PM	54	5:43 AM	68	0	3	0	0	0	
21	81	1:50 PM	55	5:32 AM	68	0	3	0	0	0	
22	88	2:57 PM	55	5:22 AM	72	0	7	0	0	0	
23	92	2:43 PM	58	5:14 AM	75	0	10	0	0	0	
24	95	2:40 PM	61	4:50 AM	78	0	13	0	0	0	
25	94	2:42 PM	61	5:20 AM	78	0	13	0	0	0	
26	89	3:23 PM	62	4:37 AM	76	0	11	0	0	0	
27	88	2:45 PM	66	11:59 PM	77	0	12	2.07	0	0	rain, thunder, fog
28	87	2:47 PM	62	5:23 AM	75	0	10	0	0	0	
29	87	3:37 PM	63	5:27 AM	75	0	10	0	0	0	
30	92	2:02 PM	61	4:38 AM	77	0	12	0	0	0	
31	84	1:34 PM	65	2:26 AM	75	0	10	0	0	0	
Average	87.1		61.2		74.4						
Sum						0	292	5.56	0	0	
Highest	101		72		85	0	20	2.07	0	0	
Lowest	72		53		66	0	1	0	0	0	
Normal	83.7		63.1		73.4	5	265	3.93	0	0	
Departure	3.4		-1.9		1.0			1.63	0	0	
Days 90	12	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

