

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

**September 2016**

Day	Midnight to Midnight							8 AM Observations							Comments
	Temperature (F)				Degree Days			Precipitation (inches)			Soil Temperature (F)		Temp. (F)		
	High	Time (CST)	Low	Time (CST)	Mean	Depart	Heating	Cooling	Precipitation	Snowfall	Snow Depth	4 inch	8 inch	Morning Low	
1	78	11:59 AM	60	4:01 AM	69	-3	0	4	0.00	0.0	0	75	77	60	
2	78	2:14 PM	57	5:31 AM	68	-3	0	3	0.00	0.0	0	73	75	57	
3	80	2:14 PM	56	5:38 AM	68	-3	0	3	0.00	0.0	0	72	74	56	
4	83	1:16 PM	58	5:43 AM	71	0	0	6	0.00	0.0	0	71	73	58	
5	92	1:31 PM	64	3:42 AM	78	+8	0	13	0.00	0.0	0	73	74	64	
6	92	2:20 PM	68	5:14 AM	80	+10	0	15	0.00	0.0	0	75	76	68	
7	92	2:21 PM	71	5:42 AM	82	+12	0	17	0.00	0.0	0	77	77	71	
8	80	3:36 PM	69	11:47 PM	75	+6	0	10	0.57	0.0	0	78	78	74	thunderstorms
9	80	1:41 PM	67	5:16 AM	74	+5	0	9	0.60	0.0	0	76	77	67	rain, fog
10	76	12:02 PM	56	11:58 PM	66	-3	0	1	2.32	0.0	0	74	76	67	fog, rain, thunderstorms
11	79	3:14 PM	52	5:43 AM	66	-2	0	1	0.00	0.0	0	71	73	52	
12	81	3:49 PM	53	5:24 AM	67	-1	0	2	0.00	0.0	0	70	72	53	
13	87	3:26 PM	56	5:41 AM	72	+4	0	7	0.00	0.0	0	71	72	56	
14	82	2:18 PM	66	11:30 AM	74	+7	0	9	0.24	0.0	0	73	74	67	thunderstorm, fog
15	84	2:06 PM	63	5:32 AM	74	+7	0	9	0.00	0.0	0	73	74	63	fog
16	79	3:32 PM	64	5:07 AM	72	+6	0	7	0.00	0.0	0	73	74	64	
17	82	2:18 PM	64	9:21 PM	73	+7	0	8	0.37	0.0	0	74	74	67	rain
18	85	4:37 PM	60	11:57 PM	73	+8	0	8	0.00	0.0	0	73	74	62	
19	88	3:02 PM	55	6:05 AM	72	+7	0	7	0.00	0.0	0	71	73	55	
20	91	3:17 PM	61	5:04 AM	76	+11	0	11	0.00	0.0	0	72	73	61	
21	90	2:06 PM	62	5:58 AM	76	+12	0	11	0.00	0.0	0	72	73	62	
22	91	2:20 PM	60	5:45 AM	76	+12	0	11	0.00	0.0	0	72	73	60	
23	90	2:30 PM	62	5:33 AM	76	+13	0	11	0.00	0.0	0	72	73	62	
24	89	2:58 PM	65	5:30 AM	77	+14	0	12	0.00	0.0	0	73	74	65	fog
25	91	12:52 PM	65	5:34 AM	78	+16	0	13	0.00	0.0	0	73	74	65	fog
26	72	2:50 PM	52	11:59 PM	62	0	3	0	0.95	0.0	0	73	74	57	thunderstorm, rain
27	76	1:56 PM	50	5:33 AM	63	+2	2	0	0.00	0.0	0	68	70	50	
28	61	12:31 PM	53	6:44 AM	57	-4	8	0	0.01	0.0	0	67	69	53	rain
29	71	3:13 PM	54	1:05 AM	63	+2	2	0	0.22	0.0	0	66	68	54	rain
30	69	3:05 PM	58	4:43 AM	64	+4	1	0	0.11	0.0	0	67	68	58	rain
Avg/Sum	82.3		60.0		71.4		16	208	5.39	0.0	0	72.3	73.5		
Highest	92		71		82		8	17	2.32	0.0	0				
Lowest	61		50		57		0	0	0.00	0.0	0				
Normal	78.2		54.2		66.2		79	115	3.13	0.0					
Departure	4.1		5.8		5.2		-63	93	2.26	0.0					
Days ≥ 90	8	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 1981-2010 average

"Days 90" means # of days with a high temperature of 90° or more, "Days 32" means # of days with a low temperature of 32° or less

