

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

**August 2017**

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	87	1:16 PM	66	11:55 PM	77	+3	0	12	0.00	0.0	0	76	78	67	
2	86	1:51 PM	62	4:33 AM	74	0	0	9	0.03	0.0	0	75	77	62	rain, fog
3	88	1:06 PM	64	3:59 AM	76	+2	0	11	T	0.0	0	76	77	64	
4	71	4:39 PM	55	5:38 AM	63	-11	2	0	0.47	0.0	0	73	77	55	thunderstorms
5	78	1:07 PM	52	4:45 AM	65	-9	0	0	0.00	0.0	0	68	72	52	
6	72	4:57 PM	61	12:00 AM	67	-7	0	2	0.00	0.0	0	72	73	61	
7	77	2:15 PM	62	11:54 PM	70	-4	0	5	T	0.0	0	71	73	64	
8	82	2:01 PM	57	3:14 AM	70	-4	0	5	0.00	0.0	0	69	72	57	
9	83	1:23 PM	55	4:10 AM	69	-5	0	4	0.00	0.0	0	70	73	55	
10	87	2:28 PM	59	1:44 AM	73	-1	0	8	0.00	0.0	0	72	74	59	
11	84	2:41 PM	64	11:56 PM	74	0	0	9	0.02	0.0	0	72	74	67	
12	79	1:34 PM	60	5:30 AM	70	-4	0	5	0.00	0.0	0	73	75	60	
13	81	2:12 PM	56	5:30 AM	69	-5	0	4	0.00	0.0	0	72	75	56	
14	85	2:12 PM	60	5:19 AM	73	-1	0	8	0.00	0.0	0	73	76	60	
15	89	3:06 PM	65	2:22 AM	77	+3	0	12	0.00	0.0	0	76	77	70	
16	86	10:33 AM	66	5:00 AM	76	+2	0	11	0.00	0.0	0	78	78	66	
17	86	2:13 PM	67	11:58 PM	77	+3	0	12	0.04	0.0	0	77	78	69	rain
18	85	2:42 PM	63	5:37 AM	74	0	0	9	0.00	0.0	0	75	77	63	
19	87	1:46 PM	63	4:58 AM	75	+1	0	10	T	0.0	0	76	78	63	rain
20	92	2:31 PM	64	4:20 AM	78	+5	0	13	0.00	0.0	0	76	77	64	
21	89	3:07 PM	69	4:02 AM	79	+6	0	14	0.00	0.0	0	78	79	69	
22	81	1:52 PM	62	11:46 PM	72	-1	0	7	0.41	0.0	0	77	79	68	rain
23	79	2:11 PM	57	5:49 AM	68	-5	0	3	0.01	0.0	0	71	75	57	
24	79	1:53 PM	53	5:45 AM	66	-7	0	1	0.00	0.0	0	70	74	53	
25	78	2:16 PM	53	5:19 AM	66	-7	0	1	0.00	0.0	0	70	74	53	
26	81	1:06 PM	56	3:43 AM	69	-4	0	4	0.00	0.0	0	71	73	56	
27	83	2:26 PM	56	5:20 AM	70	-3	0	5	0.00	0.0	0	71	74	56	
28	84	2:39 PM	60	11:58 PM	72	0	0	7	0.01	0.0	0	74	76	63	rain
29	81	3:49 PM	58	4:24 AM	70	-2	0	5	1.23	0.0	0	70	74	58	thunderstorms
30	80	1:23 PM	61	4:53 AM	71	-1	0	6	0.00	0.0	0	71	74	61	fog
31	78	2:18 PM	60	2:22 AM	69	-3	0	4	0.00	0.0	0	71	74	60	
Avg/Sum	82.5		60.2		71.6		2	206	2.22	0.0	0	73.0	75.4		
Highest	92		69		79		2	14	1.23	0.0	0				
Lowest	71		52		63		0	0	0.00	0.0	0				
Normal	83.7		63.1		73.4		5	265	3.93	0.0					
Departure	-1.2		-2.9		-1.8		-3	-59	-1.71	0.0					
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 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

