

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

July 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	77	1:58 PM	59	11:59 PM	68	-7	0	3	0.38	0.0	0	78	75	65	thunderstorm
2	66	3:28 PM	53	4:50 AM	60	-15	5	0	0.00	0.0	0	76	74	53	record coolest high temperature
3	65	5:18 PM	57	6:18 AM	61	-14	4	0	0.35	0.0	0	76	72	57	rain, record coolest high temperature
4	76	3:58 PM	63	2:14 AM	70	-5	0	5	0.33	0.0	0	76	72	63	rain, fog
5	86	2:22 PM	70	4:30 AM	78	+3	0	13	T	0.0	0		73	70	rain, fog
6	84	1:03 PM	67	5:29 AM	76	+1	0	11	0.39	0.0	0	75	76	67	thunderstorms
7	85	2:37 PM	66	4:56 AM	76	+1	0	11	0.11	0.0	0	75	76	66	rain, fog
8	88	2:42 PM	67	4:10 AM	78	+3	0	13	0.01	0.0	0	76	76	67	fog
9	81	2:02 PM	62	4:27 AM	72	-3	0	7	0.00	0.0	0	75	76	62	
10	84	3:44 PM	59	4:08 AM	72	-3	0	7	0.00	0.0	0	75	76	59	
11	88	1:31 PM	65	4:30 AM	77	+2	0	12	0.00	0.0	0	76	77	65	
12	90	1:04 PM	68	3:46 AM	79	+4	0	14	0.00	0.0	0	78	78	68	fog
13	89	2:48 PM	67	11:53 PM	78	+3	0	13	0.00	0.0	0	78	78	69	fog
14	87	2:20 PM	66	4:22 AM	77	+2	0	12	0.72	0.0	0	77	78	66	thunderstorms
15	82	1:14 PM	65	11:59 PM	74	-1	0	9	0.00	0.0	0	77	78	67	
16	80	3:42 PM	63	5:13 AM	72	-3	0	7	0.00	0.0	0	77	77	63	
17	87	2:53 PM	62	2:57 AM	75	0	0	10	0.00	0.0	0	76	77	62	
18	86	3:28 PM	71	9:45 AM	79	+4	0	14	0.38	0.0	0	78	78	72	thunderstorm
19	88	1:49 PM	67	4:17 AM	78	+3	0	13	0.09	0.0	0	78	78	67	thunderstorm, fog
20	89	2:46 PM	70	5:24 AM	80	+5	0	15	0.00	0.0	0	79	79	70	fog
21	92	4:00 PM	71	4:36 AM	82	+7	0	17	0.00	0.0	0	80	80	71	
22	88	3:26 PM	70	4:29 AM	79	+4	0	14	0.36	0.0	0	81	81	70	thunderstorm, rain
23	90	3:29 PM	71	5:25 AM	81	+6	0	16	0.00	0.0	0	81	81	71	fog
24	93	1:46 PM	67	10:26 PM	80	+5	0	15	0.00	0.0	0	82	81	73	fog
25	85	1:27 PM	69	12:01 AM	77	+2	0	12	1.25	0.0	0	80	81	69	thunderstorms
26	85	1:48 PM	68	11:59 PM	77	+3	0	12	0.00	0.0	0	80	81	73	
27	86	12:56 PM	66	4:42 AM	76	+2	0	11	0.00	0.0	0	79	80	66	
28	86	2:06 PM	70	8:04 AM	78	+4	0	13	0.04	0.0	0	80	80	70	thunderstorm
29	84	3:08 PM	68	3:20 AM	76	+2	0	11	0.03	0.0	0	79	80	68	showers
30	82	3:41 PM	65	3:35 AM	74	0	0	9	0.00	0.0	0	78	79	65	
31	83	3:26 PM	65	4:56 AM	74	0	0	9	T	0.0	0	77	78	65	
Avg/Sum	84.5		65.9		75.3		9	328	4.44	0.0		77.8	77.6		
Highest	93		71		82		5	17	1.25	0.0	0				
Lowest	65		53		60		0	0	0.00	0.0	0				
Normal	85.0		64.9		75.0		1	309	4.70	0.0					
Departure	-0.5		1.0		0.3		8	19	-0.26	0.0					
Days ≥ 90	4	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 # of days with a high temperature of 90° or more, "Days 32" means # of days with a low temperature of 32° or less

