

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

September 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	71	2:41 PM	54	11:58 PM	63	-9	2	0	0.00	0.0	0	70	73	55		
2	75	3:02 PM	49	5:31 AM	62	-9	3	0	0.00	0.0	0	66	71	49		
3	83	1:31 PM	57	5:36 AM	70	-1	0	5	0.00	0.0	0	69	72	57		
4	90	1:30 PM	54	4:11 AM	72	1	0	7	0.00	0.0	0	69	72	54		
5	72	1:56 PM	53	11:22 PM	63	-7	2	0	0.07	0.0	0	70	73	56		
6	67	3:06 PM	48	5:28 AM	58	-12	7	0	0.00	0.0	0	66	70	48		
7	72	2:42 PM	45	5:32 AM	59	-11	6	0	0.00	0.0	0	64	68	45		
8	81	2:41 PM	46	5:47 AM	64	-5	1	0	0.00	0.0	0	63	67	46		
9	80	12:47 PM	53	5:33 AM	67	-2	0	2	0.00	0.0	0	66	69	53		
10	76	2:10 PM	47	5:30 AM	62	-7	3	0	0.00	0.0	0	65	70	47		
11	74	12:34 PM	48	5:26 AM	61	-7	4	0	0.00	0.0	0	65	69	48		
12	79	1:56 PM	56	6:10 AM	68	0	0	3	0.00	0.0	0	67	69	56		
13	71	1:29 PM	62	11:25 PM	67	-1	0	2	T	0.0	0	70	71	63		
14	81	3:35 PM	61	11:49 PM	71	+4	0	6	0.04	0.0	0	69	70	62	rain, fog	
15	90	3:00 PM	57	5:26 AM	74	+7	0	9	0.00	0.0	0	68	71	57		
16	90	2:06 PM	60	5:01 AM	75	+9	0	10	0.00	0.0	0	70	72	60		
17	90	1:06 PM	63	5:30 AM	77	+11	0	12	0.00	0.0	0	71	73	63		
18	85	3:49 PM	67	6:40 AM	76	+11	0	11	T	0.0	0	74	74	67		
19	82	3:28 PM	65	11:59 PM	74	+9	0	9	0.73	0.0	0	74	75	67	thunderstorm, fog	
20	95	2:48 PM	63	2:11 AM	79	+14	0	14	0.00	0.0	0	71	73	63	fog, Record high temp (surpassed 94, 1891)	
21	95	1:42 PM	68	5:29 AM	82	+18	0	17	0.00	0.0	0	74	75	68	Tied record high temp (95, 1891)	
22	95	12:26 PM	67	5:21 AM	81	+17	0	16	0.00	0.0	0	74	76	67	Tied record high temp (95, 1891)	
23	94	2:15 PM	67	5:29 AM	81	+18	0	16	0.00	0.0	0	74	76	67	Tied record high temp (94, 1891)	
24	93	1:36 PM	64	4:48 AM	79	+16	0	14	0.00	0.0	0	73	75	64		
25	91	1:43 PM	62	5:25 AM	77	+15	0	12	0.00	0.0	0	73	75	62		
26	93	1:59 PM	64	4:55 AM	79	+17	0	14	0.00	0.0	0	73	75	64		
27	75	12:31 PM	57	11:58 PM	66	+5	0	1	0.00	0.0	0	74	75	64		
28	73	2:24 PM	51	11:58 PM	62	+1	3	0	0.00	0.0	0	68	72	52		
29	78	2:19 PM	47	5:09 AM	63	+2	2	0	0.00	0.0	0	66	70	47		
30	72	2:56 PM	49	1:56 AM	61	+1	4	0	0.00	0.0	0	64	69	49		
Avg/Sum	82.1		56.8		69.8		37	180	0.84	0.0	0	69.3	72.0			
Highest	95		68		82		7	17	0.73	0.0	0					
Lowest	67		45		58		0	0	0.00	0.0	0					
Normal	78.2		54.2		66.2		79	115	3.13	0.0						
Departure	3.9		2.6		3.6		-42	65	-2.29	0.0						
Days ≥ 90	11	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

