

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

April 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	57	3:25 PM	36	4:52 AM	47	+1	18	0	0.01	0.0	0	48	50	36	rain
2	65	4:07 PM	41	5:18 AM	53	+6	12	0	0.00	0.0	0	51	52	41	
3	67	12:02 PM	51	2:39 AM	59	+12	6	0	T	0.0	0	54	54	51	
4	57	1:38 PM	48	11:59 PM	53	+5	12	0	0.39	0.0	0	54	54	51	rain, thunder
5	53	9:46 AM	39	11:55 PM	46	-2	19	0	0.58	0.0	0	52	54	44	rain, thunderstorm
6	52	2:34 PM	38	12:38 AM	45	-3	20	0	0.62	0.0	0	49	51	38	rain
7	56	2:57 PM	33	3:58 AM	45	-4	20	0	0.00	0.0	0	47	50	33	
8	69	1:58 PM	33	5:48 AM	51	+2	14	0	0.00	0.0	0	48	51	33	
9	76	12:58 PM	46	1:29 AM	61	+11	4	0	0.00	0.0	0	53	53	46	
10	70	8:59 AM	56	11:59 PM	63	+13	2	0	0.03	0.0	0	57	56	60	thunderstorm
11	57	5:39 AM	43	9:58 PM	50	0	15	0	0.10	0.0	0	55	56	43	rain, thunder
12	68	4:00 PM	37	5:38 AM	53	+2	12	0	0.00	0.0	0	51	54	37	
13	80	3:53 PM	46	5:00 AM	63	+12	2	0	0.00	0.0	0	54	56	46	
14	83	1:48 PM	51	5:16 AM	67	+15	0	2	0.00	0.0	0	58	59	51	
15	80	1:02 PM	59	1:31 AM	70	+18	0	5	0.08	0.0	0	61	60	59	thunderstorm
16	70	1:33 PM	56	9:53 PM	63	+11	2	0	0.27	0.0	0	62	61	58	thunderstorm, rain
17	71	3:26 PM	50	11:59 PM	61	+8	4	0	0.02	0.0	0	59	60	53	rain
18	76	1:50 PM	46	5:03 AM	61	+8	4	0	0.00	0.0	0	57	59	46	
19	81	4:05 PM	60	5:18 AM	71	+18	0	6	0.00	0.0	0	62	62	60	
20	80	11:24 AM	51	11:49 PM	66	+12	0	1	0.00	0.0	0	64	63	66	
21	58	3:46 PM	44	11:59 PM	51	-3	14	0	0.02	0.0	0	59	62	46	rain
22	63	2:54 PM	42	4:13 AM	53	-1	12	0	0.00	0.0	0	56	59	42	
23	71	2:42 PM	40	3:25 AM	56	+1	9	0	0.00	0.0	0	54	57	40	
24	77	2:17 PM	45	3:06 AM	61	+6	4	0	0.00	0.0	0	55	58	48	
25	79	1:18 PM	48	5:12 AM	64	+8	1	0	0.00	0.0	0	58	60	48	
26	78	10:06 AM	58	11:58 PM	68	+12	0	3	0.00	0.0	0	63	62	60	
27	58	12:00 AM	44	8:50 AM	51	-5	14	0	0.91	0.0	0	61	62	44	rain, thunder
28	55	11:01 AM	45	2:36 AM	50	-7	15	0	0.01	0.0	0	57	58	45	rain
29	59	7:36 PM	47	5:43 AM	53	-4	12	0	0.78	0.0	0	57	58	47	rain, thunder
30	67	8:30 PM	54	2:04 AM	61	+4	4	0	1.99	0.0	0	58	58	54	rain, thunderstorms, hail
Avg/Sum	67.8		46.2		57.2		251	17	5.81	0.0		55.8	57.0		
Highest	83		60		71		20	6	1.99	0.0	0				
Lowest	52		33		45		0	0	0.00	0.0	0				
Normal	62.8		41.1		52.0		402	10	3.68	0.4					
Departure	5.0		5.1		5.3		-151	7	2.13	-0.4					
Days ≥ 90	0	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

