

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

May 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	62	12:12 AM	44	11:59 PM	53	-5	12	0	0.32	0.0	0	58	59	51	rain, thunderstorms
2	59	12:29 PM	42	3:49 AM	51	-7	14	0	0.02	0.0	0	53	56	42	rain
3	51	1:35 PM	38	4:08 AM	45	-13	20	0	0.00	0.0	0	53	56	38	
4	47	12:15 AM	44	11:26 PM	46	-13	19	0	1.32	0.0	0	53	55	45	rain
5	63	3:30 PM	41	4:30 AM	52	-7	13	0	0.51	0.0	0	50	53	41	rain
6	61	3:53 PM	43	11:36 PM	52	-7	13	0	0.21	0.0	0	54	55	45	rain
7	65	3:39 PM	38	5:08 AM	52	-8	13	0	T	0.0	0	54	56	38	rain
8	66	4:23 PM	40	4:26 AM	53	-7	12	0	0.00	0.0	0	55	57	40	
9	81	2:47 PM	49	5:29 AM	65	+5	0	0	0.03	0.0	0	58	58	49	rain
10	82	1:24 PM	54	4:49 AM	68	+7	0	3	0.00	0.0	0	62	62	54	
11	63	12:05 AM	54	11:59 PM	59	-2	6	0	0.51	0.0	0	66	65	57	thunderstorms, fog
12	72	2:22 PM	49	5:11 AM	61	0	4	0	0.00	0.0	0	61	63	49	
13	79	4:09 PM	48	5:12 AM	64	+2	1	0	0.00	0.0	0	62	63	48	
14	83	2:10 PM	57	4:21 AM	70	+8	0	5	0.00	0.0	0	64	64	57	
15	86	2:25 PM	56	4:44 AM	71	+9	0	6	0.00	0.0	0	65	66	56	
16	84	1:57 PM	59	4:24 AM	72	+9	0	7	0.00	0.0	0	67	68	59	
17	82	12:08 PM	67	5:18 AM	75	+12	0	10	0.00	0.0	0	70	69	67	
18	87	1:15 PM	60	11:58 PM	74	+11	0	9	0.00	0.0	0	69	69	69	
19	60	11:36 AM	50	6:16 AM	55	-9	10	0	1.02	0.0	0	67	69	50	thunderstorms
20	79	2:25 PM	52	12:07 AM	66	+2	0	1	0.63	0.0	0	64	65	52	thunderstorms
21	66	12:20 AM	46	11:54 PM	56	-8	9	0	0.76	0.0	0	66	67	59	thunderstorms
22	73	2:09 PM	45	4:01 AM	59	-6	6	0	0.00	0.0	0	61	64	45	
23	70	1:59 PM	56	11:59 PM	63	-2	2	0	0.01	0.0	0	66	67	57	rain
24	61	5:34 PM	55	1:15 AM	58	-7	7	0	0.20	0.0	0	65	66	55	rain, fog
25	67	4:37 PM	53	6:47 AM	60	-6	5	0	0.21	0.0	0	63	64	53	rain, fog
26	80	4:00 PM	52	4:26 AM	66	0	0	1	0.00	0.0	0	62	64	52	
27	75	5:13 PM	59	8:30 AM	67	+1	0	2	0.08	0.0	0	67	67	59	
28	80	2:34 PM	61	5:56 AM	71	+4	0	6	0.00	0.0	0	67	67	59	
29	81	1:27 PM	57	5:56 AM	69	+2	0	4	T	0.0	0	66	67	61	
30	77	4:18 PM	53	5:56 AM	65	-2	0	0	0.00	0.0	0	65	67	53	0
31	78	2:00 PM	54	4:31 AM	66	-2	0	1	0.08	0.0	0	65	67	54	rain
Avg/Sum	71.6		50.8		61.4		166	55	5.91	0.0		61.9	63.1		
Highest	87		67		75		20	10	1.32	0.0	0				
Lowest	47		38		45		0	0	0.00	0.0	0				
Normal	73.4		51.6		62.5		146	69	4.89	0.0					
Departure	-1.8		-0.8		-1.1		20	-14	1.02	0.0					
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

