

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

May 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	67	2:51 PM	49	11:03 PM	58	0	7	0	0.48	0.0	0	59	59	51	rain, fog
2	57	12:35 PM	47	11:59 PM	52	-6	13	0	0.04	0.0	0	60	60	48	rain, fog
3	66	12:56 PM	44	4:00 AM	55	-3	10	0	0.00	0.0	0	57	58	44	
4	58	1:01 PM	44	11:59 PM	51	-8	14	0	0.16	0.0	0	58	59	49	rain
5	67	3:02 PM	40	4:09 AM	54	-5	11	0	T	0.0	0	57	57	40	rain
6	79	4:06 PM	44	3:09 AM	62	+3	3	0	0.00	0.0	0	57	58	44	
7	76	2:51 PM	52	11:59 PM	64	+4	1	0	0.00	0.0	0	60	60		
8	65	2:35 PM	48	7:02 AM	57	-3	8	0	0.22	0.0	0	60	60	48	rain, thunder
9	71	1:09 PM	52	4:45 AM	62	+2	3	0	0.26	0.0	0	60	60	52	rain
10	72	5:00 PM	57	11:58 PM	65	+4	0	0	0.39	0.0	0	62	61	61	rain
11	79	2:09 PM	55	4:33 AM	67	+6	0	2	0.06	0.0	0	62	62	55	rain, fog
12	70	3:27 PM	52	11:58 PM	61	0	4	0	0.27	0.0	0	65	64	59	rain, thunder
13	71	3:31 PM	46	4:58 AM	59	-3	6	0	0.00	0.0	0	61	62	46	
14	53	4:19 PM	40	5:02 AM	47	-15	18	0	0.41	0.0	0	62	62	40	rain
15	57	3:38 PM	39	3:20 AM	48	-14	17	0	0.00	0.0	0	57	59	39	
16	66	12:48 PM	40	4:30 AM	53	-10	12	0	0.00	0.0	0	57	59	40	
17	60	11:33 AM	48	11:59 PM	54	-9	11	0	0.06	0.0	0	60	60	49	rain
18	69	2:11 PM	43	3:53 AM	56	-7	9	0	0.05	0.0	0	58	59	43	rain
19	73	3:35 PM	47	2:59 AM	60	-4	5	0	0.00	0.0	0	59	60	47	
20	68	11:06 AM	52	3:46 AM	60	-4	5	0	0.00	0.0	0	62	62	52	
21	76	2:26 PM	53	11:59 PM	65	+1	0	0	0.09	0.0	0	61	61	53	rain
22	84	2:39 PM	47	4:42 AM	66	+1	0	1	0.00	0.0	0	61	62	47	
23	82	2:32 PM	52	4:29 AM	67	+2	0	2	0.00	0.0	0	63	63	52	
24	85	2:04 PM	53	4:45 AM	69	+4	0	4	0.00	0.0	0	64	65	53	
25	85	1:29 PM	60	4:40 AM	73	+7	0	8	0.00	0.0	0	67	67	60	
26	82	12:28 PM	62	7:52 AM	72	+6	0	7	0.00	0.0	0	70	69	65	
27	81	12:22 PM	63	4:12 AM	72	+6	0	7	0.35	0.0	0	69	69	63	
28	82	3:44 PM	66	12:41 AM	74	+7	0	9	0.30	0.0	0	71	70	66	thunderstorms
29	84	2:33 PM	61	4:23 AM	73	+6	0	8	0.00	0.0	0	71	70	61	
30	88	3:18 PM	61	4:53 AM	75	+8	0	10	0.00	0.0	0	70	70	61	
31	85	12:17 PM	63	5:06 AM	74	+6	0	9	0.65	0.0	0	71	71	63	thunderstorms
Avg/Sum	72.8		51.0		62.1		157	67	3.79	0.0		62.3	62.5		
Highest	88		66		75		18	10	0.65	0.0					
Lowest	53		39		47		0	0	0.00	0.0					
Normal	73.4		51.6		62.5		146	69	4.89	0.0					
Departure	-0.6		-0.6		-0.4		11	-2	-1.10	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 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

