

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

July 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	84	3:25 PM	66	11:57 PM	75	0	0	10	0.55	0.0	0	73	74	66	thunderstorms
2	88	3:17 PM	61	4:48 AM	75	0	0	10	0.00	0.0	0	72	74	61	
3	89	2:07 PM	67	5:03 AM	78	+3	0	13	0.00	0.0	0	75	76	67	
4	89	3:07 PM	67	4:29 AM	78	+3	0	13	0.00	0.0	0	76	76	67	
5	86	11:53 AM	70	4:10 AM	78	+3	0	13	0.00	0.0	0	77	77	70	
6	89	4:46 PM	70	4:29 AM	80	+5	0	15	0.00	0.0	0	77	78	70	
7	92	2:14 PM	69	3:42 AM	81	+6	0	16	0.00	0.0	0	77	78	69	
8	83	2:31 PM	64	11:59 PM	74	-1	0	9	0.00	0.0	0	75	77	65	
9	88	1:44 PM	59	3:15 AM	74	-1	0	9	0.00	0.0	0	74	76	59	
10	90	3:17 PM	68	9:16 AM	79	+4	0	14	0.04	0.0	0	77	78	72	rain
11	85	5:16 PM	69	11:02 AM	77	+2	0	12	0.09	0.0	0			71	rain, thunder
12	91	2:54 PM	69	4:29 AM	80	+5	0	15	0.68	0.0	0	75	76	69	thunderstorms
13	85	1:25 PM	74	7:27 AM	80	+5	0	15	0.08	0.0	0	79	79	74	thunderstorm
14	81	11:44 PM	65	11:58 PM	73	-2	0	8	0.00	0.0	0	77	78	70	
15	80	4:27 PM	59	4:28 AM	70	-5	0	5	0.00	0.0	0	75	76	59	
16	88	3:24 PM	60	3:19 AM	74	-1	0	9	0.00	0.0	0	74	75	60	
17	86	3:22 PM	63	5:06 AM	75	0	0	10	0.00	0.0	0	75	77	63	
18	88	2:16 PM	62	4:49 AM	75	0	0	10	0.00	0.0	0	75	77	62	
19	91	3:19 PM	71	4:11 AM	81	+6	0	16	0.63	0.0	0	77	78	71	thunderstorm
20	92	3:01 PM	70	3:07 AM	81	+6	0	16	0.00	0.0	0	79	80	70	
21	94	2:29 PM	72	5:54 AM	83	+8	0	18	0.03	0.0	0	80	80	72	
22	90	4:49 PM	70	8:34 AM	80	+5	0	15	0.00	0.0	0	82	82	70	
23	90	2:33 PM	68	11:58 PM	79	+4	0	14	0.30	0.0	0	81	81	75	rain
24	81	2:57 PM	64	11:57 PM	73	-2	0	8	0.10	0.0	0	81	81	68	thunderstorm
25	84	3:46 PM	61	4:21 AM	73	-2	0	8	0.00	0.0	0	75	78	61	
26	89	3:02 PM	63	4:48 AM	76	+2	0	11	0.00	0.0	0	76	78	63	
27	83	1:38 PM	69	11:59 PM	76	+2	0	11	0.27	0.0	0	79	80	71	rain
28	83	2:37 PM	65	11:59 PM	74	0	0	9	0.03	0.0	0	76	78	66	rain
29	79	1:57 PM	60	5:47 AM	70	-4	0	5	0.00	0.0	0	73	76	60	
30	84	2:56 PM	60	4:30 AM	72	-2	0	7	0.00	0.0	0	73	76	60	
31	85	1:19 PM	64	2:04 AM	75	+1	0	10	0.00	0.0	0	75	76	64	
Avg/Sum	86.8		65.8		76.4		0	354	2.80	0.0		76.3	77.5		
Highest	94		74		83		0	18	0.68	0.0					
Lowest	79		59		70		0	5	0.00	0.0	0				
Normal	85.0		64.9		75.0		1	309	4.70	0.0					
Departure	1.8		0.9		1.5		-1	45	-1.90	0.0					
Days ≥ 90	8	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

