

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

June 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	81	3:47 PM	65	12:13 AM	73	+5	0	8	1.44	0.0	0	70	70	65	thunderstorms, hail
2	82	3:28 PM	63	11:54 PM	73	+5	0	8	0.10	0.0	0	71	71	66	rain
3	84	12:30 PM	60	4:27 AM	72	+3	0	7	0.00	0.0	0	71	71	60	
4	74	4:38 PM	61	8:52 AM	68	-1	0	3	0.49	0.0	0	72	72	63	rain
5	79	4:21 PM	61	4:50 AM	70	+1	0	5	0.58	0.0	0	70	70	61	rain
6	85	2:27 PM	60	4:24 AM	73	+3	0	8	0.00	0.0	0	70	70	60	
7	74	3:03 PM	58	11:58 PM	66	-4	0	1	0.00	0.0	0	69	70	59	
8	78	4:21 PM	51	4:09 AM	65	-5	0	0	0.00	0.0	0	68	69	51	
9	85	3:29 PM	55	1:50 AM	70	-1	0	5	0.00	0.0	0	69	69	55	
10	92	3:13 PM	69	5:26 AM	81	+10	0	16	T	0.0	0	72	72	69	rain
11	91	2:12 PM	71	4:45 AM	81	+10	0	16	0.00	0.0	0	75	74	71	
12	89	2:12 PM	64	11:59 PM	77	+5	0	12	0.00	0.0	0	75	74		
13	92	4:39 PM	59	2:42 AM	76	+4	0	11	0.00	0.0	0	73	74	59	
14	87	12:26 PM	70	6:23 AM	79	+7	0	14	0.61	0.0	0	77	76	70	thunderstorms
15	92	4:12 PM	71	1:47 AM	82	+10	0	17	1.08	0.0	0	77	77	71	thunderstorms
16	83	3:19 PM	64	11:58 PM	74	+1	0	9	0.04	0.0	0	78	78	70	rain
17	86	3:34 PM	62	4:54 AM	74	+1	0	9	0.00	0.0	0	76	77	62	
18	87	2:07 PM	60	4:02 AM	74	+1	0	9	0.00	0.0	0	74	75	60	
19	90	4:21 PM	66	4:44 AM	78	+5	0	13	0.00	0.0	0	77	77	66	
20	91	3:27 PM	70	11:58 PM	81	+7	0	16	0.00	0.0	0	79	78	71	
21	84	3:45 PM	67	4:26 AM	76	+2	0	11	1.05	0.0	0	78	78	67	thunderstorms
22	85	3:54 PM	62	5:24 AM	74	0	0	9	1.26	0.0	0	77	77	62	thunderstorms
23	89	1:16 PM	70	11:58 PM	80	+6	0	15	0.39	0.0	0	80	77	75	thunderstorms
24	84	2:22 PM	65	4:28 AM	75	+1	0	10	0.00	0.0	0	80	78	65	
25	92	2:59 PM	66	4:15 AM	79	+4	0	14	0.00	0.0	0	79	77	66	
26	92	2:06 PM	69	3:07 AM	81	+6	0	16	0.00	0.0	0	82	79	69	
27	90	3:44 PM	68	4:30 AM	79	+4	0	14	0.00	0.0	0	81	79	68	fog
28	77	2:54 PM	54	11:59 PM	66	-9	0	1	0.08	0.0	0	80	78	65	
29	78	3:01 PM	51	4:19 AM	65	-10	0	0	0.00	0.0	0	76	75	51	
30	79	1:23 PM	54	3:58 AM	67	-8	0	2	0.00	0.0	0	76	74	54	
Avg/Sum	85.1		62.9		74.3		0	279	7.12	0.0		75.1	74.5		
Highest	92		71		82		0	17	1.44	0.0	0				
Lowest	74		51		65		0	0	0.00	0.0	0				
Normal	82.5		61.9		72.2		1	233	4.34	0.0					
Departure	2.6		1.0		2.1		-1	46	2.78	0.0					
Days ≥ 90	9	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

