

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

March 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	63	12:13 AM	32	11:58 PM	48	+14	17	0	0.56	0.0	0	50	49	48	rain, thunderstorms
2	40	1:19 PM	28	10:54 PM	34	0	31	0	0.00	0.0	0	42	45	30	
3	38	3:43 PM	21	6:33 AM	30	-5	35	0	0.00	0.0	0	39	43	21	
4	55	3:14 PM	29	6:41 AM	42	+7	23	0	0.00	0.0	0	41	43	29	
5	64	1:53 PM	31	4:33 AM	48	+12	17	0	0.00	0.0	0	41	44	31	
6	61	11:53 PM	50	3:55 AM	56	+20	9	0	0.00	0.0	0	48	47	50	
7	63	1:47 AM	40	10:01 PM	52	+16	13	0	0.57	0.0	0	50	50	49	thunderstorms
8	59	3:15 PM	33	6:12 AM	46	+9	19	0	0.00	0.0	0	44	47	33	
9	57	1:16 PM	33	11:53 PM	45	+8	20	0	0.00	0.0	0	43	46	34	
10	39	1:24 PM	27	11:56 PM	33	-5	32	0	T	0.0	0	43	46	28	rain
11	34	2:12 PM	23	6:52 AM	29	-9	36	0	0.00	0.0	0	40	44	23	
12	38	3:30 PM	19	6:32 AM	29	-9	36	0	0.00	0.0	0	38	42	19	
13	32	12:00 AM	24	11:36 AM	28	-11	37	0	0.16	1.8	2	42	44	27	snow
14	28	2:53 PM	18	11:57 PM	23	-16	42	0	0.04	0.2	2	39	42	18	snow
15	30	3:12 PM	14	3:08 AM	22	-18	43	0	T	T	1	36	40	14	snow
16	46	2:49 PM	15	6:09 AM	31	-9	34	0	0.00	0.0	T	36	39	15	
17	54	5:09 PM	34	12:00 AM	44	+4	21	0	0.04	0.0	T	42	42	34	rain
18	42	12:18 AM	35	5:59 AM	39	-2	26	0	0.01	0.0	0	41	42	35	rain
19	56	3:48 PM	27	5:56 AM	42	+1	23	0	0.00	0.0	0	39	42	27	
20	70	1:13 PM	43	6:10 AM	57	+15	8	0	0.16	0.0	0	45	45	43	thunderstorms
21	54	2:00 PM	33	11:58 PM	44	+2	21	0	0.00	0.0	0	47	48	38	
22	43	2:31 PM	26	6:14 AM	35	-7	30	0	0.00	0.0	0	43	46	26	
23	49	12:21 PM	29	5:48 AM	39	-4	26	0	0.00	0.0	0	43	45	29	
24	77	12:29 PM	47	1:29 AM	62	+19	3	0	T	0.0	0	45	46	47	rain
25	69	2:33 PM	55	11:36 AM	62	+18	3	0	T	0.0	0	53	52	57	rain
26	63	1:54 PM	48	11:59 PM	56	+12	9	0	T	0.0	0	54	52	55	rain
27	63	11:12 AM	43	5:22 AM	53	+9	12	0	0.00	0.0	0	51	52	43	
28	57	2:21 PM	42	6:19 AM	50	+5	15	0	0.06	0.0	0			42	rain
29	60	11:58 AM	43	12:06 AM	52	+7	13	0	0.00	0.0	0	52	53	43	
30	67	1:06 PM	48	5:18 AM	58	+12	7	0	0.27	0.0	0	53	53	48	thunderstorms
31	51	12:00 AM	39	11:59 PM	45	-1	20	0	0.51	0.0	0	53	53	40	thunderstorms
Avg/Sum	52.3		33.2		43.0		681	0	2.38	2.0		44.4	46.1		
Highest	77		55		62		43	0	0.57	1.8					
Lowest	28		14		22		3	0	0.00	0.0	0				
Normal	49.9		30.0		40.0		777	1	2.86	2.6					
Departure	2.4		3.2		3.1		-96	-1	-0.48	-0.6					
Days ≥ 90	0	Days ≤ 32	15												

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

