

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

March 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	49	10:23 AM	25	11:50 PM	37	+3	28	0	T	0.0	0	43	43	37	
2	39	4:23 PM	18	6:57 AM	29	-5	36	0	T	T	0	38	40	18	rain, sleet, snow flurries
3	40	3:32 PM	31	11:35 PM	36	+1	29	0	0.02	0.0	0	40	41	32	rain
4	42	2:36 PM	27	6:42 AM	35	0	30	0	0.21	T	0	39	40	27	rain, sleet, snow
5	45	12:48 PM	34	2:59 AM	40	+4	25	0	0.00	0.0	0	41	41	34	fog
6	55	3:37 PM	28	6:27 AM	42	+6	23	0	0.00	0.0	0	40	41	28	fog
7	65	3:09 PM	43	4:07 AM	54	+18	11	0	0.07	0.0	0	44	44	43	rain
8	71	2:17 PM	52	6:25 AM	62	+25	3	0	0.04	0.0	0	48	46	52	rain
9	67	12:42 PM	55	12:08 AM	61	+24	4	0	0.00	0.0	0	52	50	55	
10	56	12:48 AM	43	11:33 PM	50	+12	15	0	0.17	0.0	0	52	51	47	rain
11	58	3:26 PM	38	6:34 AM	48	+10	17	0	0.02	0.0	0	48	48	38	rain
12	58	2:08 PM	44	3:28 AM	51	+13	14	0	0.00	0.0	0	49	49	44	fog
13	64	2:29 PM	52	1:36 AM	58	+19	7	0	0.48	0.0	0	52	51	52	rain, fog
14	58	2:10 PM	45	11:43 PM	52	+13	13	0	0.43	0.0	0	54	53	54	rain, fog
15	73	1:58 PM	45	12:34 AM	59	+19	6	0	T	0.0	0	53	52	45	drizzle, fog
16	62	1:14 PM	43	11:59 PM	53	+13	12	0	0.00	0.0	0	55	54	46	
17	62	1:50 PM	36	6:01 AM	49	+9	16	0	0.00	0.0	0	50	51	36	
18	51	2:20 PM	36	5:54 AM	44	+3	21	0	0.00	0.0	0	49	50	36	
19	48	11:24 AM	35	6:07 AM	42	+1	23	0	0.00	0.0	0	49	49	35	
20	45	1:26 PM	34	6:13 AM	40	-2	25	0	0.01	0.0	0	47	48	34	rain
21	53	4:16 PM	29	5:48 AM	41	-1	24	0	0.00	0.0	0	45	46	29	
22	67	2:37 PM	37	1:33 AM	52	+10	13	0	0.00	0.0	0	46	47	37	
23	67	11:41 AM	53	5:16 AM	60	+17	5	0	0.00	0.0	0	51	50	53	
24	62	10:30 AM	31	11:30 PM	47	+4	18	0	0.22	0.0	0	54	53	56	rain
25	47	4:30 PM	30	5:45 AM	39	-5	26	0	0.14	0.0	0	48	50		
26	62	2:54 PM	31	2:43 AM	47	+3	18	0	0.00	0.0	0	47	49	30	
27	69	1:57 PM	39	6:00 AM	54	+10	11	0	0.00	0.0	0	49	50	31	
28	54	3:08 PM	37	11:17 PM	46	+1	19	0	0.46	0.0	0	50	50	41	rain
29	60	2:50 PM	35	2:24 AM	48	+3	17	0	0.00	0.0	0	48	50	35	
30	59	10:20 AM	37	3:30 AM	48	+2	17	0	0.00	0.0	0	49	51	37	
31	71	11:42 AM	44	11:59 PM	58	+12	7	0	1.24	0.0	0	54	52	57	thunderstorms, rain
Avg/Sum	57.4		37.6		47.8		533	0	3.51	0.0		47.9	48.1		
Highest	73		55		62		36	0	1.24	0.0	0				
Lowest	39		18		29		3	0	0.00	0.0	0				
Normal	49.9		30.0		40.0		777	1	2.86	2.6					
Departure	7.5		7.6		7.9		-244	-1	0.65	-2.6					
Days ≥ 90	0	Days ≤ 32	9												

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

