

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

April 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	53	2:01 PM	38	11:59 PM	46	0	19	0	0.05	0.0	0	52	53	38	thunderstorm
2	50	11:15 AM	31	5:26 AM	41	-6	24	0	0.00	0.0	0	49	50	31	
3	67	3:19 PM	26	4:45 AM	47	0	18	0	0.00	0.0	0	46	47	26	damaging winds
4	57	2:10 AM	30	11:59 PM	44	-4	21	0	0.00	0.0	0	51	51	37	damaging winds
5	52	2:48 PM	26	5:04 AM	39	-9	26	0	0.00	0.0	0	46	48	26	
6	52	8:17 AM	44	12:13 AM	48	0	17	0	0.00	0.0	0	49	50	44	
7	46	1:39 PM	36	11:33 PM	41	-8	24	0	0.94	0.0	0	49	49	38	rain
8	45	12:58 PM	31	11:56 PM	38	-11	27	0	T	0.0	0	48	48	36	rain
9	42	4:08 PM	25	5:43 AM	34	-16	31	0	T	T	0	44	45	25	rain, ice pellets, gruel
10	52	3:56 PM	34	12:01 AM	43	-7	22	0	T	0.0	0	46	47	34	rain
11	52	1:42 PM	37	11:59 PM	45	-5	20	0	0.53	0.0	0	49	48	49	rain, thunderstorm, fog
12	53	2:29 PM	34	5:38 AM	44	-7	21	0	0.00	0.0	0	47	48	34	
13	62	3:57 PM	33	5:40 AM	48	-3	17	0	0.00	0.0	0	47	49	33	
14	69	3:10 PM	38	4:56 AM	54	+2	11	0	0.00	0.0	0	50	51	38	
15	76	2:14 PM	43	5:30 AM	60	+8	5	0	0.00	0.0	0	52	53	43	
16	79	1:53 PM	52	5:14 AM	66	+14	0	1	0.00	0.0	0	55	55	52	
17	81	2:25 PM	52	5:01 AM	67	+14	0	2	0.00	0.0	0	57	57	52	
18	82	1:58 PM	51	4:21 AM	67	+14	0	2	0.00	0.0	0	58	59	51	
19	80	12:30 PM	53	5:33 AM	67	+14	0	2	0.00	0.0	0	59	60	53	
20	72	11:30 AM	52	5:10 AM	62	+8	3	0	0.00	0.0	0	59	60	52	
21	71	2:25 PM	52	11:59 PM	62	+8	3	0	0.21	0.0	0	60	60	57	rain, fog
22	68	10:59 AM	43	11:58 PM	56	+2	9	0	0.19	0.0	0	59	60	49	rain, thunderstorms, fog
23	69	3:37 PM	40	3:58 AM	55	0	10	0	0.00	0.0	0	57	58	40	
24	78	1:47 PM	41	4:18 AM	60	+5	5	0	0.00	0.0	0	57	59	41	fog
25	81	3:41 PM	55	4:53 AM	68	+12	0	3	0.00	0.0	0	61	61	55	
26	78	10:18 AM	50	10:48 PM	64	+8	1	0	0.00	0.0	0	64	63	62	
27	60	1:07 PM	50	12:49 AM	55	-1	10	0	0.02	0.0	0	61	62	50	rain, fog
28	69	12:58 PM	50	4:37 AM	60	+3	5	0	0.98	0.0	0	60	60	50	rain, thunderstorms, fog
29	60	3:16 PM	45	4:39 AM	53	-4	12	0	0.00	0.0	0	59	60	45	fog
30	61	5:53 PM	48	12:38 AM	55	-2	10	0	0.34	0.0	0	59	60	48	rain, fog
Avg/Sum	63.9		41.3		53.0		371	10	3.26	0.0		53.7	54.4		
Highest	82		55		68		31	3	0.98	0.0	0				
Lowest	42		25		34		0	0	0.00	0.0	0				
Normal	62.8		41.1		52.0		402	10	3.68	0.4					
Departure	1.1		0.2		1.0		-31	0	-0.42	-0.4					
Days ≥ 90	0	Days ≤ 32	6												

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

