

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

February 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	42	2:53 PM	26	11:59 PM	34	+8	31	0	0.00	0.0	0	38	39	34		
2	30	1:55 PM	18	6:08 AM	24	-2	41	0	0.00	0.0	0	36	38	18		
3	31	2:42 PM	15	11:58 PM	23	-3	42	0	0.00	0.0	0	34	37	17		
4	37	2:32 PM	11	6:02 AM	24	-2	41	0	0.00	0.0	0	33	36	11		
5	46	3:10 PM	26	11:59 PM	36	+10	29	0	0.00	0.0	0	33	35	28		
6	47	10:34 PM	25	12:53 AM	36	+10	29	0	0.00	0.0	0	34	36	25		
7	62	12:16 PM	32	11:27 PM	47	+20	18	0	0.15	0.0	0	42	39	46	fog, rain, thunder	
8	33	9:26 AM	16	11:59 PM	25	-2	40	0	0.00	0.0	0	40	41	30		
9	20	3:14 PM	9	11:18 PM	15	-12	50	0	0.13	1.5	2	38	39	10	snow, fog	
10	50	2:43 PM	13	12:00 AM	32	+5	33	0	0.00	0.0	1	36	38	13		
11	67	3:23 PM	39	4:58 AM	53	+25	12	0	0.00	0.0	T	38	38	39		
12	52	12:12 PM	33	11:58 PM	43	+15	22	0	0.00	0.0	0	44	44	37	fog	
13	46	2:27 PM	24	6:01 AM	35	+7	30	0	0.00	0.0	0	38	41	24		
14	53	2:38 PM	31	6:52 AM	42	+13	23	0	0.00	0.0	0	39	41	31		
15	43	3:28 PM	27	11:40 PM	35	+6	30	0	0.00	0.0	0	38	41	29		
16	52	1:57 PM	24	6:13 AM	38	+9	27	0	0.00	0.0	0	37	40	24		
17	70	2:55 PM	37	6:20 AM	54	+25	11	0	0.00	0.0	0	39	41	37	Record high temp (surpassed 69, 1911)	
18	70	3:18 PM	40	1:37 AM	55	+25	10	0	0.00	0.0	0	42	43	40	Record high temp (surpassed 65, 1961)	
19	68	3:14 PM	44	11:59 PM	56	+26	9	0	0.00	0.0	0	46	45	46	fog, Tied record high temp (68, 1930)	
20	71	1:45 PM	43	6:40 AM	57	+26	8	0	0.00	0.0	0	47	47	43	fog, Tied record high temp (71, 2016)	
21	62	2:48 PM	48	11:42 PM	55	+24	10	0	0.02	0.0	0	50	49	51	rain	
22	70	1:32 PM	43	4:20 AM	57	+26	8	0	T	0.0	0	49	49	43	rain, fog, Record high temp (surpassed 69, 1922)	
23	60	2:12 PM	44	5:51 AM	52	+20	13	0	0.00	0.0	0	50	51	44	fog	
24	68	11:47 AM	37	11:57 PM	53	+21	12	0	T	0.0	0	52	51	53	fog, rain	
25	37	12:00 AM	23	8:08 AM	30	-2	35	0	0.05	T	T	45	49	23	freezing rain, snow	
26	49	1:06 PM	16	5:12 AM	33	0	32	0	T	T	0	39	44	16	snow	
27	59	1:54 PM	31	3:45 AM	45	+12	20	0	0.00	0.0	0	41	43	31		
28	63	5:23 PM	45	1:42 AM	54	+20	11	0	0.06	0.0	0	47	47	45	rain, thunder, fog	
Avg/Sum	52.1		29.3		40.8		677	0	0.41	1.5		40.9	42.2			
Highest	71		48		57		50	0	0.15	1.5	2					
Lowest	20		9		15		8	0	0.00	0.0	0					
Normal	37.7		20.2		29.0		1009	0	2.13	5.8						
Departure	14.4		9.1		11.9		-332	0	-1.72	-4.3						
Days ≥ 90	0	Days ≤ 32	17													

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

