

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

January 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	43	1:20 PM	19	5:02 AM	31	+5	34	0	0.00	0.0	0	35	38	19	
2	47	2:58 PM	33	12:00 AM	40	+15	25	0	T	0.0	0	37	38	33	fog, rain
3	45	1:08 AM	21	11:58 PM	33	+8	32	0	0.14	0.0	0	41	41	42	fog, rain
4	22	1:37 PM	13	7:34 AM	18	-7	47	0	0.11	0.0	0	37	39	13	fog, rain
5	15	12:00 AM	7	11:59 PM	11	-14	54	0	0.04	0.6	1	35	37	9	snow
6	11	12:32 PM	-2	11:59 PM	5	-20	60	0	T	0.2	1	35	36	-1	snow
7	20	3:35 PM	-3	2:03 AM	9	-16	56	0	T	T	1	39	35	-3	snow flurries
8	19	11:59 PM	1	7:32 AM	10	-15	55	0	0.00	0.0	1	37	35	1	
9	36	11:59 PM	18	12:00 AM	27	+2	38	0	0.00	0.0	1	37	34	18	
10	53	3:46 PM	29	11:59 PM	41	+16	24	0	0.03	0.0	T	37	34	36	rain
11	59	8:52 PM	25	2:18 AM	42	+17	23	0	0.01	0.0	0	33	34	25	rain
12	46	12:05 PM	23	11:59 PM	35	+10	30	0	0.23	0.0	0	36	37	31	fog, rain
13	31	2:26 PM	20	7:05 AM	26	+1	39	0	T	0.0	0	34	36	20	rain, fog
14	31	2:18 PM	28	4:53 AM	30	+5	35	0	0.07	0.0	0	34	34	28	freezing rain, fog, glaze
15	34	1:37 PM	28	4:50 AM	31	+6	34	0	0.16	0.0	0	34	35	28	freezing rain, rain, fog
16	52	11:59 PM	32	12:00 AM	42	+17	23	0	0.01	0.0	0	36	37	32	rain, fog
17	54	1:59 AM	35	10:26 PM	45	+20	20	0	0.36	0.0	0			42	rain, fog
18	41	1:44 PM	32	8:00 PM	37	+12	28	0	T	0.0	0	39	40	34	rain, fog
19	43	11:08 PM	31	2:12 AM	37	+12	28	0	0.00	0.0	0	38	40	31	fog
20	51	11:48 PM	42	4:52 AM	47	+22	18	0	1.27	0.0	0	42	41	42	rain, fog
21	64	1:42 PM	41	5:23 AM	53	+28	12	0	0.00	0.0	0	42	43	41	fog, Record high temp (surpassed 62, 1906)
22	53	12:30 PM	40	6:35 AM	47	+22	18	0	0.00	0.0	0	44	44	40	fog
23	40	12:00 AM	37	7:16 AM	39	+14	26	0	0.00	0.0	0	43	44	37	fog
24	41	2:56 PM	34	11:33 PM	38	+13	27	0	0.00	0.0	0	42	43	38	
25	51	10:29 AM	34	12:55 AM	43	+18	22	0	T	0.0	0	40	42	34	rain
26	34	12:00 AM	30	10:17 PM	32	+7	33	0	0.01	T	T	39	41	30	snow
27	30	12:00 AM	22	8:40 PM	26	+1	39	0	T	T	T	37	39	28	snow
28	37	1:48 PM	22	3:02 AM	30	+5	35	0	T	T	0	35	37	22	snow
29	29	4:35 PM	22	11:18 PM	26	+1	39	0	T	T	T	35	37	27	snow
30	42	11:21 PM	11	7:13 AM	27	+2	38	0	0.09	0.8	1	35	37	11	snow, fog
31	44	1:54 PM	34	8:00 PM	39	+14	26	0	0.00	0.0	T	37	37	38	
Avg/Sum	39.3		24.5		32.2		1018	0	2.53	1.6		37.5	38.2		
Highest	64		42		53		60	0	1.27	0.8					
Lowest	11		-3		5		12	0	0.00	0.0	0				
Normal	32.9		16.7		24.8		1246	0	2.05	6.8					
Departure	6.4		7.8		7.4		-228	0	0.48	-5.2					
Days ≥ 90	0	Days ≤ 32	22												

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

