

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

January 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	30	9:25 PM	22	7:08 AM	26	0	39	0	T	T	0	37	38	22	snow flurries
2	37	2:45 PM	24	6:58 AM	31	+6	34	0	0.00	0.0	0	36	37	24	
3	32	12:25 PM	23	7:14 AM	28	+3	37	0	0.00	0.0	0	36	37	23	
4	34	12:52 PM	22	7:15 AM	28	+3	37	0	0.00	0.0	0	36	36	22	
5	37	1:54 PM	18	6:36 AM	28	+3	37	0	0.00	0.0	0	36	36	18	
6	41	1:41 PM	21	5:59 AM	31	+6	34	0	0.00	0.0	0	36	36	21	
7	49	1:21 PM	32	6:47 AM	41	+16	24	0	T	0.0	0	37	36	32	
8	46	11:33 AM	38	12:48 AM	42	+17	23	0	0.11	0.0	0	40	39	38	rain, fog
9	43	12:15 AM	22	11:59 PM	33	+8	32	0	0.04	0.0	0	43	41	40	rain, fog
10	22	12:00 AM	8	8:25 PM	15	-10	50	0	0.38	T	T	38	39	11	rain, snow
11	31	11:34 PM	8	1:13 AM	20	-5	45	0	T	T	T	35	36	8	snow flurries
12	31	12:00 AM	7	11:52 PM	19	-6	46	0	0.01	0.2	T	35	35	14	snow, snow pellets
13	31	3:48 PM	5	5:00 AM	18	-7	47	0	T	T	T	34	34	5	snow flurries
14	53	2:03 PM	23	4:49 AM	38	+13	27	0	0.00	0.0	T	34	34	23	
15	43	10:29 AM	28	10:44 PM	36	+11	29	0	0.00	0.0	0	34	34	36	
16	31	12:28 PM	22	11:58 PM	27	+2	38	0	0.12	0.0	0	34	34	26	rain, fog
17	22	12:00 AM	1	11:58 PM	12	-13	53	0	0.02	0.6	1	35	34	7	snow
18	9	3:36 PM	-2	6:46 AM	4	-21	61	0	0.00	0.0	1	34	34	-2	
19	18	3:06 PM	3	4:00 AM	11	-14	54	0	0.00	0.0	T	33	33	3	
20	21	12:11 PM	7	8:34 PM	14	-11	51	0	0.23	3.2	3	33	33	14	snow
21	26	2:45 PM	7	6:41 AM	17	-8	48	0	0.00	0.0	3	33	33	7	fog
22	28	3:36 PM	18	12:04 AM	23	-2	42	0	0.00	0.0	3	33	33	18	
23	31	1:34 PM	8	11:44 PM	20	-5	45	0	T	T	3	33	33	18	snow flurries, fog
24	37	2:16 PM	7	1:48 AM	22	-3	43	0	T	T	3	33	33	7	snow flurries, fog
25	43	9:21 PM	24	5:41 AM	34	+9	31	0	0.00	0.0	1	33	33	24	
26	33	12:00 AM	28	4:50 PM	31	+6	34	0	0.00	0.0	T	34	33	30	
27	35	1:43 PM	26	7:03 AM	31	+6	34	0	T	T	T	34	34	26	snow flurries
28	46	1:28 PM	29	5:59 AM	38	+13	27	0	0.00	0.0	T	34	34	29	
29	40	2:58 PM	28	8:19 AM	34	-1	31	0	0.00	0.0	0	34	34	28	
30	54	1:28 PM	33	7:06 AM	44	+9	21	0	0.00	0.0	0	34	34	33	
31	61	12:24 PM	35	11:52 PM	48	+13	17	0	0.00	0.0	0	36	36	37	fog
Avg/Sum	35.3		18.5		27.2		1171	0	0.91	4.0		35.1	35.0		
Highest	61		38		48		61	0	0.38	3.2					
Lowest	9		-2		4		17	0	0.00	0.0	0				
Normal	32.9		16.7		24.8		1117	0	2.05	6.8					
Departure	2.4		1.8		2.4		54	0	-1.14	-2.8					
Days ≥ 90	0	Days ≤ 32	28												

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

