

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

December		2012				Heating	Cooling	8am	8am	8am	
Day	High	Time (CST)	Low	Time (CST)	Mean	Degree Days	Degree Days	Precipitation inches	Snowfall inches	Snow Depth inches	Comments
1	63	1:08 PM	32	6:45 AM	48	17	0	0	0	0	
2	66	1:57 PM	51	6:38 PM	59	6	0	T	0	0	light rain
3	71	1:29 PM	55	12:00 AM	63	2	0	0	0	0	fog, High T breaks record of 68 set in 1970
4	60	12:00 AM	37	11:04 PM	49	16	0	0.26	0	0	light rain
5	46	1:41 PM	31	10:42 PM	39	26	0	0.01	0	0	light rain
6	50	2:24 PM	29	5:51 AM	40	25	0	0	0	0	
7	46	12:23 PM	42	1:59 PM	44	21	0	0.08	0	0	light rain, fog
8	45	1:59 AM	38	11:05 PM	42	23	0	0.19	0	0	light rain, fog
9	49	2:16 PM	37	12:50 AM	43	22	0	0.19	0	0	light rain, fog
10	39	12:00 AM	27	11:58 AM	33	32	0	0.11	0	0	light rain, fog
11	36	2:04 PM	19	6:24 AM	28	37	0	T	T	0	snow flurries
12	45	2:22 PM	20	6:03 AM	33	32	0	0	0	0	
13	46	2:49 PM	25	2:54 AM	36	29	0	0	0	0	
14	51	1:42 PM	27	6:59 AM	39	26	0	0	0	0	
15	52	7:48 PM	37	12:45 AM	45	20	0	0.22	0	0	light rain
16	50	12:00 AM	38	11:27 PM	44	21	0	0.01	0	0	light rain
17	39	12:12 AM	34	8:20 PM	37	28	0	0	0	0	
18	47	3:38 PM	33	7:58 AM	40	25	0	0.07	0	0	light rain
19	41	11:57 PM	34	6:58 AM	38	27	0	0	0	0	
20	53	10:29 AM	25	12:58 PM	39	26	0	0.83	0	0	rain, thunderstorm
21	28	3:12 PM	17	11:59 PM	23	42	0	0.1	0.9	1	first measurable snow of the season
22	32	3:12 PM	12	7:40 AM	22	43	0	0	0	1	
23	38	2:35 PM	21	6:17 AM	30	35	0	0	0	1	
24	33	12:57 PM	26	10:28 PM	30	35	0	0	0	T	
25	35	11:22 AM	26	12:04 AM	31	34	0	0	0	T	
26	32	11:25 AM	28	11:59 PM	30	35	0	0	0	T	
27	31	1:22 PM	27	6:55 AM	29	36	0	T	T	T	snow melted as it landed
28	32	11:36 AM	28	3:40 AM	30	35	0	0	0	T	
29	31	4:08 AM	16	11:59 PM	24	41	0	0	0	T	
30	38	1:41 PM	13	3:14 AM	26	39	0	T	T	T	snow flurries
31	35	10:41 AM	22	11:54 PM	29	36	0	0	0	T	
Average	43.9		29.3		36.9						
Sum						872	0	2.07	0.9		
Highest	71		55		63	43	0	0.83	0.9	1	
Lowest	28		12		22	2	0	0	0	0	
Normal	36.7		21.2		29.0	1117	0	2.73	6.6		
Departure	7.2		8.1		7.9			-0.66	-5.7		
Days 90	0	Days 32	20								

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 number of days with a high of 90 degrees or more, Days 32 means number of days with a low of 32 degrees or less

