

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

February 2012

| Day | High | Time (CST) | Low | Time (CST) | Mean | Heating Degree Days | Cooling Degree Days | 8am Precipitation inches | 8am Snowfall inches | 8am Snow Depth inches | Comments |
|-----------|------|------------|------|------------|------|---------------------|---------------------|--------------------------|---------------------|-----------------------|-------------------------|
| 1 | 53 | 1:51 PM | 34 | 7:15 AM | 44 | 21 | 0 | 0.04 | 0 | 0 | light rain, fog |
| 2 | 53 | 2:28 PM | 31 | 8:28 AM | 42 | 23 | 0 | 0 | 0 | 0 | fog |
| 3 | 54 | 12:55 PM | 33 | 6:27 AM | 44 | 21 | 0 | 0 | 0 | 0 | fog |
| 4 | 41 | 12:07 AM | 36 | 7:29 AM | 39 | 26 | 0 | 0.30 | 0 | 0 | light rain, fog |
| 5 | 47 | 3:11 PM | 28 | 11:59 PM | 38 | 27 | 0 | 0.14 | 0 | 0 | light rain, fog |
| 6 | 32 | 1:24 PM | 22 | 4:54 AM | 27 | 38 | 0 | 0 | 0 | 0 | fog, freezing fog |
| 7 | 37 | 1:40 PM | 25 | 3:13 AM | 31 | 34 | 0 | 0 | 0 | 0 | fog, freezing fog |
| 8 | 31 | 12:00 AM | 27 | 6:41 AM | 29 | 36 | 0 | 0.03 | 0.7 | 1 | light snow, fog |
| 9 | 38 | 2:11 PM | 22 | 7:07 AM | 30 | 35 | 0 | T | T | T | light snow |
| 10 | 36 | 1:38 PM | 16 | 9:59 PM | 26 | 39 | 0 | T | T | 0 | light snow |
| 11 | 25 | 3:41 PM | 11 | 6:31 AM | 18 | 47 | 0 | 0.04 | 0.4 | T | snow |
| 12 | 36 | 2:41 PM | 14 | 6:26 AM | 25 | 40 | 0 | 0 | 0 | T | |
| 13 | 36 | 12:15 PM | 17 | 1:50 AM | 27 | 38 | 0 | 0 | 0 | T | |
| 14 | 37 | 4:12 PM | 27 | 12:00 AM | 32 | 33 | 0 | 0.10 | 1.9 | 2 | snow, fog |
| 15 | 40 | 11:49 AM | 28 | 1:30 AM | 34 | 31 | 0 | 0 | 0 | T | fog |
| 16 | 46 | 12:09 PM | 29 | 11:22 PM | 38 | 27 | 0 | 0.26 | 0 | 0 | light rain, fog |
| 17 | 51 | 2:46 PM | 24 | 6:22 AM | 38 | 27 | 0 | 0 | 0 | 0 | fog, haze |
| 18 | 41 | 2:19 PM | 27 | 11:59 PM | 34 | 31 | 0 | 0 | 0 | 0 | |
| 19 | 38 | 2:19 PM | 24 | 6:19 AM | 31 | 34 | 0 | 0 | 0 | 0 | |
| 20 | 44 | 2:13 PM | 21 | 5:55 AM | 33 | 32 | 0 | 0 | 0 | 0 | |
| 21 | 47 | 4:22 PM | 34 | 11:59 PM | 41 | 24 | 0 | 0.10 | 0 | 0 | light rain |
| 22 | 54 | 2:49 PM | 32 | 6:29 AM | 43 | 22 | 0 | 0 | 0 | 0 | |
| 23 | 48 | 2:22 PM | 32 | 3:20 AM | 40 | 25 | 0 | T | 0 | 0 | light rain |
| 24 | 41 | 3:26 AM | 25 | 11:56 PM | 33 | 32 | 0 | 0.02 | T | 0 | light rain, sleet, snow |
| 25 | 32 | 3:44 PM | 22 | 10:29 PM | 27 | 38 | 0 | T | T | 0 | |
| 26 | 53 | 2:39 PM | 20 | 1:37 AM | 37 | 28 | 0 | 0 | 0 | 0 | |
| 27 | 47 | 2:32 PM | 26 | 11:59 PM | 37 | 28 | 0 | 0 | 0 | 0 | |
| 28 | 52 | 2:36 PM | 25 | 1:01 AM | 39 | 26 | 0 | 0 | 0 | 0 | |
| 29 | 66 | 1:40 PM | 36 | 11:59 PM | 51 | 14 | 0 | 0.10 | 0 | 0 | light rain |
| Average | 43.3 | | 25.8 | | 34.8 | | | | | | |
| Sum | | | | | | 877 | 0 | 1.13 | 3 | | |
| Highest | 66 | | 36 | | 51 | 47 | 0 | 0.3 | 1.9 | 2 | |
| Lowest | 25 | | 11 | | 18 | 14 | 0 | 0 | 0 | 0 | |
| Normal | 37.7 | | 20.2 | | 29.0 | | | 2.13 | 5.8 | | |
| Departure | 5.6 | | 5.6 | | 5.8 | | | -1 | -2.8 | | |
| Days 90 | 0 | Days 32 | 24 | | | | | | | | |

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

