

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

November 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 | 54 | 11:59 PM | 35 | 12:25 AM | 45 | -3 | 20 | 0 | 0.00 | 0.0 | 0 | 49 | 51 | 35 | |
| 2 | 64 | 1:33 PM | 49 | 11:56 PM | 57 | +9 | 8 | 0 | 0.09 | 0.0 | 0 | 53 | 53 | 54 | rain |
| 3 | 56 | 1:45 PM | 41 | 6:44 AM | 49 | +2 | 16 | 0 | 0.00 | 0.0 | 0 | 53 | 55 | 41 | fog |
| 4 | 61 | 11:52 PM | 42 | 12:36 AM | 52 | +5 | 13 | 0 | 0.00 | 0.0 | 0 | 52 | 54 | 42 | fog |
| 5 | 70 | 10:53 AM | 48 | 11:57 PM | 59 | +13 | 6 | 0 | 0.02 | 0.0 | 0 | 57 | 56 | 60 | fog, rain |
| 6 | 49 | 12:00 AM | 37 | 7:27 AM | 43 | -3 | 22 | 0 | 0.94 | 0.0 | 0 | 54 | 57 | 37 | fog, rain, thunderstorms |
| 7 | 50 | 11:34 AM | 39 | 5:32 AM | 45 | 0 | 20 | 0 | T | 0.0 | 0 | 51 | 54 | 39 | rain |
| 8 | 50 | 1:27 PM | 32 | 11:23 PM | 41 | -4 | 24 | 0 | 0.00 | 0.0 | 0 | 49 | 53 | 33 | |
| 9 | 52 | 12:21 PM | 26 | 6:32 AM | 39 | -6 | 26 | 0 | 0.00 | 0.0 | 0 | 46 | 51 | 26 | |
| 10 | 37 | 2:06 PM | 20 | 6:40 AM | 29 | -15 | 36 | 0 | 0.00 | 0.0 | 0 | 43 | 49 | 20 | |
| 11 | 45 | 1:20 PM | 24 | 6:10 AM | 35 | -9 | 30 | 0 | 0.00 | 0.0 | 0 | 42 | 47 | 24 | |
| 12 | 40 | 1:30 PM | 36 | 6:33 AM | 38 | -5 | 27 | 0 | T | 0.0 | 0 | 46 | 48 | 36 | rain |
| 13 | 45 | 2:20 PM | 32 | 11:04 PM | 39 | -4 | 26 | 0 | T | 0.0 | 0 | 46 | 48 | 34 | |
| 14 | 52 | 1:05 PM | 29 | 6:48 AM | 41 | -1 | 24 | 0 | 0.00 | 0.0 | 0 | 44 | 47 | 29 | |
| 15 | 56 | 2:15 PM | 32 | 11:44 PM | 44 | +2 | 21 | 0 | 0.47 | 0.0 | 0 | 48 | 49 | 43 | rain |
| 16 | 34 | 2:09 PM | 28 | 6:45 AM | 31 | -10 | 34 | 0 | 0.08 | 0.0 | 0 | 44 | 48 | 28 | rain |
| 17 | 52 | 11:59 PM | 27 | 5:50 AM | 40 | -1 | 25 | 0 | 0.00 | 0.0 | 0 | 43 | 46 | 27 | fog |
| 18 | 61 | 9:26 AM | 34 | 11:59 PM | 48 | +8 | 17 | 0 | 0.25 | 0.0 | 0 | 48 | 48 | 52 | rain, thunder, fog |
| 19 | 36 | 2:20 PM | 27 | 8:48 AM | 32 | -8 | 33 | 0 | 1.11 | 0.0 | 0 | 44 | 47 | 27 | thunderstorms, rain |
| 20 | 52 | 1:14 PM | 28 | 5:15 AM | 40 | +1 | 25 | 0 | 0.00 | 0.0 | 0 | 40 | 45 | 28 | |
| 21 | 52 | 11:34 AM | 28 | 11:59 PM | 40 | +1 | 25 | 0 | 0.00 | 0.0 | 0 | 42 | 45 | 36 | |
| 22 | 37 | 2:19 PM | 22 | 6:44 AM | 30 | -8 | 35 | 0 | T | T | 0 | 39 | 44 | 22 | rain, snow |
| 23 | 49 | 2:38 PM | 28 | 6:44 AM | 39 | +1 | 26 | 0 | 0.00 | 0.0 | 0 | 40 | 43 | 28 | |
| 24 | 60 | 2:25 PM | 27 | 3:51 AM | 44 | +7 | 21 | 0 | 0.00 | 0.0 | 0 | 40 | 43 | 27 | |
| 25 | 57 | 1:32 PM | 33 | 11:59 PM | 45 | +8 | 20 | 0 | 0.00 | 0.0 | 0 | 43 | 45 | 40 | |
| 26 | 54 | 2:57 PM | 26 | 6:49 AM | 40 | +4 | 25 | 0 | 0.00 | 0.0 | 0 | 40 | 44 | 26 | |
| 27 | 64 | 1:50 PM | 32 | 6:54 AM | 48 | +12 | 17 | 0 | 0.00 | 0.0 | 0 | 41 | 44 | 32 | |
| 28 | 67 | 1:48 PM | 41 | 5:50 AM | 54 | +19 | 11 | 0 | 0.00 | 0.0 | 0 | 44 | 46 | 41 | |
| 29 | 52 | 12:12 PM | 37 | 5:53 AM | 45 | +10 | 20 | 0 | 0.00 | 0.0 | 0 | 45 | 47 | 37 | |
| 30 | 54 | 1:32 PM | 32 | 11:47 PM | 43 | +9 | 22 | 0 | 0.10 | 0.0 | 0 | 46 | 47 | 40 | rain |
| Avg/Sum | 52.1 | | 32.4 | | 42.5 | | 675 | 0 | 3.06 | 0.0 | 0 | 45.7 | 48.5 | | |
| Highest | 70 | | 49 | | 59 | | 36 | 0 | 1.11 | 0.0 | 0 | | | | |
| Lowest | 34 | | 20 | | 29 | | 6 | 0 | 0.00 | 0.0 | 0 | | | | |
| Normal | 50.6 | | 32.0 | | 41.3 | | 711 | 0 | 3.68 | 0.9 | | | | | |
| Departure | 1.5 | | 0.4 | | 1.2 | | -36 | 0 | -0.62 | -0.9 | | | | | |
| Days ≥ 90 | 0 | Days ≤ 32 | 18 | | | | | | | | | | | | |

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

