

Illinois Climate Network (ICN)
 July 2001
 Monthly Summary for Champaign

| DAY | MAX WIND SPEED MPH | AVG WIND SPEED MPH | DIR AVG WIND ° | TOTAL SOLAR RAD MJ/M*M | MAX AIR TEMP °F | MIN AIR TEMP °F | AVG AIR TEMP °F | MAX REL HUM % | MIN REL HUM % | AVG DEW POINT °F | TOTAL PRECIP IN | TOTAL EVAP IN | MA 4" SO TE ° |
|-----|--------------------|--------------------|----------------|------------------------|-----------------|-----------------|-----------------|---------------|---------------|------------------|-----------------|---------------|---------------|
| 1 | 19.7 | 6.0 | 347.6 | 20.26 | 85.1 | 51.8 | 69.4 | 94.4 | 49.0 | 60.1 | 0.00 | 0.18 | 85 |
| 2 | 11.8 | 3.3 | 101.9 | 29.57 | 77.5 | 47.5 | 63.1 | 88.9 | 37.6 | 48.6 | 0.00 | 0.25 | 84 |
| 3 | 16.2 | 3.7 | 198.3 | 13.17 | 78.3 | 57.8 | 67.8 | 97.7 | 71.2 | 63.9 | 1.42 | 0.11 | 81 |
| 4 | 29.4 | 4.9 | 263.3 | 29.00 | 87.1 | 66.0 | 75.7 | 98.1 | 42.2 | 67.3 | 0.24 | 0.27 | 87 |
| 5 | 12.1 | 3.5 | 354.2 | 31.83 | 77.9 | 57.6 | 70.0 | 95.8 | 41.8 | 57.2 | 0.00 | 0.28 | 87 |
| 6 | 9.9 | 2.8 | 150.3 | 29.12 | 77.3 | 51.8 | 66.0 | 89.6 | 38.2 | 52.9 | 0.00 | 0.25 | 85 |
| 7 | 20.0 | 7.4 | 233.6 | 22.10 | 93.6 | 63.7 | 79.5 | 89.2 | 54.4 | 70.3 | 0.00 | 0.21 | 86 |
| 8 | 17.1 | 4.0 | 259.6 | 13.03 | 89.8 | 71.6 | 79.0 | 97.6 | 67.7 | 74.8 | 0.21 | 0.12 | 87 |
| 9 | 9.9 | 2.7 | 280.6 | 25.53 | 90.6 | 71.3 | 80.1 | 97.9 | 53.0 | 73.0 | 0.00 | 0.24 | 91 |
| 10 | 13.7 | 3.2 | 309.9 | 30.29 | 91.4 | 67.7 | 80.8 | 94.0 | 40.3 | 68.2 | 0.00 | 0.29 | 92 |
| 11 | 15.8 | 4.7 | 36.2 | 31.66 | 83.1 | 61.7 | 70.3 | 80.3 | 39.6 | 55.0 | 0.00 | 0.28 | 83 |
| 12 | 11.2 | 2.6 | 51.5 | 27.69 | 79.6 | 60.5 | 70.0 | 83.9 | 42.7 | 56.3 | 0.00 | 0.24 | 83 |
| 13 | 11.0 | 2.8 | 12.3 | 27.76 | 82.3 | 56.9 | 71.2 | 82.3 | 40.1 | 52.9 | 0.00 | 0.25 | 82 |
| 14 | 9.9 | 1.9 | 321.5 | 29.72 | 85.0 | 53.8 | 71.1 | 90.1 | 31.7 | 53.4 | 0.00 | 0.27 | 83 |
| 15 | 9.1 | 2.5 | 218.3 | 27.00 | 85.2 | 61.7 | 73.4 | 94.3 | 40.8 | 60.4 | 0.00 | 0.24 | 83 |
| 16 | 14.1 | 3.0 | 162.1 | 23.84 | 86.7 | 63.5 | 74.8 | 94.4 | 40.9 | 63.5 | 0.00 | 0.22 | 82 |
| 17 | 19.1 | 4.3 | 203.1 | 21.52 | 92.0 | 64.5 | 77.7 | 96.5 | 57.2 | 71.4 | 0.00 | 0.20 | 84 |
| 18 | 19.5 | 3.1 | 237.2 | 15.61 | 84.2 | 69.4 | 75.4 | 97.2 | 70.7 | 71.2 | 0.39 | 0.14 | 83 |
| 19 | 10.2 | 2.5 | 195.9 | 15.56 | 83.5 | 67.2 | 76.5 | 98.3 | 71.6 | 72.7 | 0.00 | 0.14 | 81 |
| 20 | 12.1 | 1.6 | 190.9 | 22.12 | 90.6 | 71.9 | 80.6 | 96.0 | 55.0 | 73.2 | 0.00 | 0.21 | 86 |
| 21 | 10.6 | 2.4 | 214.7 | 18.17 | 89.3 | 71.3 | 79.3 | 97.6 | 62.1 | 75.0 | 0.00 | 0.17 | 86 |
| 22 | 13.0 | 2.8 | 184.5 | 20.96 | 94.4 | 72.8 | 82.0 | 96.9 | 52.5 | 75.9 | 0.00 | 0.20 | 87 |
| 23 | 33.3 | 3.8 | 195.8 | 23.37 | 95.2 | 69.0 | 80.1 | 97.5 | 57.5 | 74.8 | 0.54 | 0.22 | 89 |
| 24 | 10.2 | 2.9 | 221.7 | 22.85 | 89.5 | 72.4 | 79.9 | 98.0 | 68.2 | 75.7 | 0.01 | 0.21 | 88 |
| 25 | 14.2 | 4.1 | 326.0 | 14.76 | 84.9 | 71.0 | 77.5 | 82.0 | 54.2 | 71.8 | 0.00 | 0.14 | 85 |
| 26 | 13.3 | 5.2 | 39.4 | 18.37 | 80.8 | 66.3 | 72.7 | 88.8 | 52.0 | 62.8 | 0.00 | 0.16 | 83 |
| 27 | 12.1 | 3.2 | 77.7 | 23.52 | 82.2 | 63.3 | 73.0 | 82.1 | 50.2 | 61.7 | 0.00 | 0.21 | 83 |
| 28 | 10.9 | 2.1 | 142.5 | 12.63 | 83.6 | 70.2 | 75.2 | 94.4 | 62.9 | 69.1 | 0.39 | 0.11 | 82 |
| 29 | 13.9 | 3.2 | 270.9 | 27.49 | 87.8 | 69.4 | 78.6 | 94.9 | 46.6 | 69.3 | 0.02 | 0.26 | 87 |
| 30 | 9.5 | 2.4 | 221.8 | 27.90 | 90.0 | 68.7 | 79.5 | 95.4 | 47.1 | 70.3 | 0.00 | 0.26 | 88 |
| 31 | 10.3 | 2.9 | 172.7 | 28.00 | 91.3 | 70.1 | 80.4 | 94.6 | 46.5 | 71.4 | 0.00 | 0.26 | 89 |
| TOT | | | | 724.40 | | | | | | | 3.22 | 6.59 | |
| AVG | | 3.4 | 239.0 | 23.37 | 86.1 | 64.6 | 75.2 | 92.9 | 51.1 | 65.9 | | 0.21 | 85 |
| MAX | 33.3 | | | | 95.2 | | | 98.3 | | | | | 92 |
| MIN | | | | | | 47.5 | | | 31.7 | | | | |

Total Heating Degree Days : 3.0

Total Cooling Degree Days : 324.3

Total Hours of Wind > 8 mph : 20

KEY: * 99.99M = 999.9M = missing data
 * E = estimated data

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