

Illinois Climate Network (ICN)
 August 2001
 Monthly Summary for Kilbourne

| 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 | 15.2 | 5.0 | 167.8 | 26.18 | 94.3 | 70.0 | 82.4 | 97.2 | 58.0 | 76.3 | 0.00 | 0.25 | 88 |
| 2 | 30.3 | 4.1 | 186.6 | 20.29 | 90.8 | 68.5 | 78.4 | 97.3 | 73.3 | 75.2 | 0.47 | 0.19 | 88 |
| 3 | 9.8 | 2.3 | 301.0 | 12.13 | 82.5 | 70.1 | 74.8 | 98.0 | 88.3 | 73.6 | 0.07 | 0.11 | 83 |
| 4 | 8.7 | 2.1 | 74.6 | 22.65 | 87.7 | 64.9 | 75.2 | 98.5 | 64.3 | 71.6 | 0.00 | 0.21 | 84 |
| 5 | 10.5 | 2.8 | 133.9 | 27.33 | 88.6 | 63.7 | 77.0 | 98.0 | 61.3 | 72.0 | 0.00 | 0.25 | 85 |
| 6 | 8.2 | 1.6 | 140.6 | 27.69 | 90.2 | 60.9 | 75.6 | 97.8 | 48.5 | 68.9 | 0.00 | 0.26 | 86 |
| 7 | 8.3 | 1.5 | 345.7 | 27.23 | 92.2 | 61.6 | 76.5 | 97.9 | 40.1 | 69.1 | 0.00 | 0.25 | 86 |
| 8 | 10.9 | 2.3 | 150.1 | 24.19 | 92.4 | 65.9 | 79.7 | 97.7 | 59.7 | 73.9 | 0.00 | 0.23 | 87 |
| 9 | 23.6 | 3.2 | 224.9 | 26.05 | 95.9 | 69.8 | 81.1 | 97.8 | 58.8 | 75.2 | 0.20 | 0.25 | 88 |
| 10 | 14.0 | 4.1 | 350.7 | 24.68 | 81.2 | 60.5 | 72.1 | 97.7 | 58.6 | 66.4 | 0.00 | 0.22 | 84 |
| 11 | 11.3 | 3.0 | 18.8 | 25.87 | 81.0 | 59.5 | 69.4 | 96.9 | 52.6 | 62.8 | 0.00 | 0.23 | 83 |
| 12 | 9.6 | 1.6 | 309.5 | 27.12 | 85.8 | 56.4 | 70.9 | 97.6 | 47.8 | 63.7 | 0.00 | 0.24 | 83 |
| 13 | 19.3 | 4.5 | 339.7 | 26.15 | 80.1 | 58.0 | 69.1 | 97.8 | 57.9 | 64.2 | 0.00 | 0.23 | 83 |
| 14 | 12.6 | 2.6 | 35.1 | 25.45 | 78.0 | 48.2 | 63.9 | 97.1 | 43.8 | 55.6 | 0.00 | 0.22 | 81 |
| 15 | 17.3 | 4.4 | 140.8 | 12.33 | 77.4 | 55.2 | 66.6 | 96.5 | 53.1 | 60.1 | 0.11 | 0.11 | 78 |
| 16 | 17.2 | 6.0 | 279.0 | 13.18 | 74.6 | 57.5 | 66.6 | 97.4 | 72.0 | 63.9 | 0.05 | 0.11 | 76 |
| 17 | 13.3 | 2.2 | 272.5 | 22.68 | 80.7 | 53.6 | 67.1 | 97.6 | 55.3 | 61.5 | 0.00 | 0.20 | 77 |
| 18 | 23.0 | 5.6 | 298.0 | 22.05 | 82.8 | 56.4 | 68.2 | 97.7 | 60.0 | 63.7 | 0.00 | 0.19 | 78 |
| 19 | 18.3 | 4.9 | 319.2 | 20.34 | 77.0 | 56.1 | 64.9 | 97.1 | 62.4 | 60.8 | 0.00 | 0.17 | 78 |
| 20 | 11.2 | 2.8 | 99.2 | 25.49 | 82.7 | 51.7 | 67.3 | 97.5 | 44.2 | 58.8 | 0.00 | 0.22 | 79 |
| 21 | 22.1 | 7.0 | 158.9 | 18.58 | 88.1 | 59.3 | 74.3 | 94.3 | 60.6 | 68.0 | 0.00 | 0.17 | 79 |
| 22 | 47.6 | 4.8 | 247.7 | 20.84 | 94.4 | 66.8 | 79.2 | 98.0 | 54.7 | 72.3 | 2.53 | 0.20 | 82 |
| 23 | 8.6 | 1.9 | 237.4 | 15.14 | 82.9 | 66.1 | 73.6 | 98.3 | 83.3 | 71.6 | 0.00 | 0.13 | 79 |
| 24 | 14.8 | 4.8 | 140.6 | 12.05 | 82.1 | 70.1 | 74.5 | 98.3 | 82.6 | 72.9 | 0.00 | 0.11 | 79 |
| 25 | 15.4 | 3.9 | 204.7 | 13.66 | 83.8 | 69.1 | 75.2 | 97.9 | 76.4 | 72.5 | 0.27 | 0.12 | 80 |
| 26 | 14.1 | 3.8 | 330.0 | 25.31 | 83.6 | 62.5 | 72.7 | 97.9 | 62.2 | 68.2 | 0.00 | 0.23 | 81 |
| 27 | 13.3 | 2.3 | 245.4 | 25.16 | 86.6 | 59.2 | 73.0 | 98.1 | 59.1 | 67.5 | 0.00 | 0.23 | 81 |
| 28 | 12.8 | 3.2 | 27.5 | 25.05 | 84.2 | 62.0 | 73.4 | 98.0 | 48.4 | 65.8 | 0.00 | 0.23 | 81 |
| 29 | 9.0 | 2.7 | 100.6 | 24.32 | 86.2 | 53.3 | 70.9 | 97.5 | 52.6 | 64.4 | 0.00 | 0.22 | 81 |
| 30 | 25.1 | 3.0 | 215.0 | 20.57 | 89.3 | 63.2 | 74.1 | 98.0 | 58.9 | 68.9 | 0.05 | 0.19 | 81 |
| 31 | 15.9 | 3.9 | 336.1 | 23.66 | 80.8 | 60.1 | 69.8 | 98.2 | 51.8 | 63.7 | 0.00 | 0.21 | 79 |
| TOT | | | | 683.42 | | | | | | | 3.75 | 6.18 | |
| AVG | | 3.5 | 247.0 | 22.05 | 85.1 | 61.3 | 72.8 | 97.6 | 59.7 | 67.5 | | 0.20 | 82 |
| MAX | 47.6 | | | | 95.9 | | | 98.5 | | | | | 88 |
| MIN | | | | | | 48.2 | | | 40.1 | | | | |

Total Heating Degree Days : 1.9

Total Cooling Degree Days : 256.0

Total Hours of Wind > 8 mph : 102

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

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