

| Date | Temperature | | | | | | | | | | | | Degree Days | | | | Precipitation | | Pressure | Solar Rad | Wind Direction | Resultant | | | |
|---------|-------------|--------|-----------|--------|--------|-----------|--------|--------|--------|--------|-------|------|-------------|-----------|---------|---------|---------------------|------------|----------|-----------|----------------|-----------|-----------|----------------------|----------|
| | ORNL | ORNL | ORNL | ORNL | ORNL | ORNL | KOQT | KOQT | ORNL | KOQT | ORNL | KOQT | Dew Pt. C | Wt Bulb C | Heating | Cooling | Significant Weather | Water (in) | | | | Snow (in) | Avg. (in) | Avg W/m ² | Wind Spd |
| | Max. C | Min. C | Hr Avg. C | Max. F | Min. F | Hr Avg. F | Max. F | Min. F | Avg. F | Avg. F | DFN | DFN | | | | | | | | | | deg | mph | mph | mph |
| 01 | 28.7 | 14.8 | 21.5 | 84 | 59 | 71 | 85 | 64 | 72 | 75 | 9.6 | 12.6 | 15.2 | 17.8 | 0 | 7 | R, TS | 0.26 | 0.0 | 29.32 | 263.0 | 222.6 | 3.8 | 4.3 | 31.2 |
| 02 | 28.6 | 15.8 | 21.3 | 83 | 60 | 70 | 86 | 66 | 72 | 76 | 9.3 | 13.3 | 16.9 | 18.9 | 0 | 7 | | 0.00 | 0.0 | 29.28 | 267.7 | 240.9 | 2.6 | 3.0 | 18.3 |
| 03 | 28.0 | 14.7 | 20.2 | 82 | 58 | 68 | 83 | 61 | 70 | 72 | 7.1 | 9.1 | 16.1 | 17.9 | 0 | 5 | R, TS | 0.17 | 0.0 | 29.13 | 229.6 | 229.5 | 2.2 | 3.7 | 23.8 |
| 04 | 22.8 | 15.1 | 18.7 | 73 | 59 | 66 | 75 | 62 | 67 | 69 | 3.8 | 5.8 | 16.4 | 17.6 | 0 | 2 | R, TS | 0.68 | 0.0 | 29.02 | 152.6 | 210.2 | 0.5 | 2.1 | 22.6 |
| 05 | 22.5 | 13.4 | 18.7 | 73 | 56 | 66 | 75 | 58 | 65 | 67 | 1.6 | 3.6 | 14.7 | 16.2 | 0 | 0 | R | 0.57 | 0.0 | 28.95 | 309.0 | 269.4 | 3.4 | 3.8 | 21.6 |
| 06 | 24.5 | 9.9 | 16.7 | 76 | 50 | 62 | 79 | 52 | 63 | 66 | -0.7 | 2.3 | 9.8 | 12.2 | 2 | 0 | | 0.00 | 0.0 | 29.18 | 354.0 | 80.3 | 1.7 | 2.7 | 14.4 |
| 07 | 26.7 | 9.2 | 17.6 | 80 | 49 | 64 | 84 | 52 | 65 | 68 | 1.1 | 4.1 | 10.6 | 13.3 | 0 | 0 | | 0.00 | 0.0 | 29.26 | 332.2 | 213.0 | 0.7 | 2.0 | 11.5 |
| 08 | 29.1 | 11.7 | 20.5 | 84 | 53 | 69 | 87 | 56 | 69 | 72 | 4.8 | 7.8 | 13.5 | 16.3 | 0 | 4 | | 0.00 | 0.0 | 29.20 | 319.3 | 179.2 | 1.4 | 3.0 | 16.2 |
| 09 | 24.7 | 16.6 | 20.3 | 76 | 62 | 69 | 78 | 63 | 69 | 71 | 4.5 | 6.5 | 16.0 | 17.8 | 0 | 4 | R | 0.02 | 0.0 | 29.14 | 128.1 | 209.3 | 2.9 | 3.6 | 23.5 |
| 10 | 27.4 | 16.0 | 21.1 | 81 | 61 | 70 | 84 | 64 | 71 | 74 | 6.3 | 9.3 | 16.0 | 18.1 | 0 | 6 | | 0.00 | 0.0 | 29.18 | 300.1 | 236.8 | 2.6 | 3.1 | 14.4 |
| 11 | 23.3 | 18.2 | 20.4 | 74 | 65 | 69 | 75 | 65 | 70 | 70 | 5.0 | 5.0 | 18.6 | 19.2 | 0 | 5 | R, TS | 2.12 | 0.0 | 29.05 | 122.5 | 183.7 | 1.0 | 3.1 | 18.2 |
| 12 | 22.8 | 16.2 | 19.6 | 73 | 61 | 67 | 76 | 62 | 67 | 69 | 1.7 | 3.7 | 16.6 | 17.7 | 0 | 2 | R | 0.47 | 0.0 | 28.90 | 179.5 | 232.5 | 4.8 | 5.2 | 23.1 |
| 13 | 18.6 | 8.3 | 14.5 | 65 | 47 | 58 | 69 | 52 | 56 | 61 | -9.6 | -4.6 | 8.0 | 10.3 | 9 | 0 | | 0.00 | 0.0 | 29.05 | 286.6 | 268.4 | 4.2 | 4.5 | 21.3 |
| 14 | 20.0 | 5.2 | 12.5 | 68 | 41 | 54 | 71 | 46 | 55 | 59 | -10.8 | -6.8 | 6.3 | 8.7 | 10 | 0 | | 0.00 | 0.0 | 29.18 | 294.0 | 55.5 | 1.2 | 2.5 | 20.1 |
| 15 | 20.2 | 6.4 | 13.4 | 68 | 44 | 56 | 70 | 46 | 56 | 58 | -10.1 | -8.1 | 8.0 | 10.3 | 9 | 0 | | 0.00 | 0.0 | 29.20 | 216.7 | 239.6 | 0.7 | 2.3 | 14.3 |
| 16 | 27.6 | 8.9 | 17.6 | 82 | 48 | 64 | 83 | 50 | 65 | 67 | -1.4 | 0.6 | 11.7 | 14.3 | 0 | 0 | | 0.00 | 0.0 | 29.15 | 339.2 | 228.2 | 0.9 | 2.5 | 14.2 |
| 17 | 30.2 | 16.3 | 21.5 | 86 | 61 | 71 | 88 | 63 | 74 | 76 | 7.3 | 9.3 | 16.6 | 18.5 | 0 | 9 | R, TS | 0.32 | 0.0 | 29.12 | 279.4 | 228.1 | 2.0 | 3.1 | 20.7 |
| 18 | 30.7 | 14.3 | 22.4 | 87 | 58 | 72 | 89 | 61 | 73 | 75 | 6.0 | 8.0 | 15.9 | 18.8 | 0 | 8 | TS | 0.00 | 0.0 | 29.15 | 346.5 | 200.8 | 1.1 | 2.7 | 15.2 |
| 19 | 30.3 | 15.7 | 23.1 | 87 | 60 | 74 | 88 | 62 | 74 | 75 | 6.8 | 7.8 | 15.6 | 18.4 | 0 | 9 | | 0.00 | 0.0 | 29.12 | 316.9 | 217.6 | 2.9 | 4.5 | 32.3 |
| 20 | 29.6 | 15.6 | 22.6 | 85 | 60 | 73 | 87 | 63 | 73 | 75 | 5.5 | 7.5 | 14.6 | 17.4 | 0 | 8 | | 0.00 | 0.0 | 29.15 | 314.2 | 240.0 | 2.8 | 3.3 | 19.6 |
| 21 | 30.1 | 11.5 | 20.9 | 86 | 53 | 70 | 88 | 57 | 70 | 73 | 2.2 | 5.2 | 12.9 | 16.1 | 0 | 5 | | 0.00 | 0.0 | 29.12 | 364.1 | 75.2 | 0.5 | 2.4 | 14.2 |
| 22 | 31.9 | 16.5 | 23.8 | 89 | 62 | 75 | 91 | 64 | 76 | 78 | 7.9 | 9.9 | 15.6 | 18.8 | 0 | 11 | | 0.00 | 0.0 | 29.21 | 350.8 | 222.4 | 2.1 | 3.7 | 23.6 |
| 23 | 31.5 | 17.6 | 24.1 | 89 | 64 | 75 | 90 | 70 | 77 | 80 | 8.6 | 11.6 | 17.9 | 20.7 | 0 | 12 | | 0.00 | 0.0 | 29.33 | 317.9 | 225.3 | 3.0 | 3.3 | 17.6 |
| 24 | 32.8 | 17.6 | 24.7 | 91 | 64 | 76 | 93 | 67 | 78 | 80 | 9.3 | 11.3 | 18.0 | 21.2 | 0 | 13 | | 0.00 | 0.0 | 29.29 | 322.6 | 243.6 | 1.5 | 2.1 | 13.5 |
| 25 | 32.9 | 18.5 | 25.1 | 91 | 65 | 77 | 92 | 69 | 78 | 81 | 9.0 | 12.0 | 18.2 | 21.3 | 0 | 13 | | 0.00 | 0.0 | 29.28 | 321.7 | 223.7 | 2.8 | 3.2 | 19.2 |
| 26 | 33.0 | 17.3 | 24.7 | 91 | 63 | 76 | 92 | 67 | 77 | 80 | 7.7 | 10.7 | 16.5 | 19.9 | 0 | 12 | | 0.00 | 0.0 | 29.26 | 346.6 | 227.9 | 3.3 | 3.5 | 23.3 |
| 27 | 32.6 | 16.8 | 24.3 | 91 | 62 | 76 | 92 | 65 | 77 | 79 | 7.4 | 9.4 | 17.0 | 20.2 | 0 | 12 | | 0.00 | 0.0 | 29.17 | 313.0 | 240.0 | 1.8 | 2.3 | 19.0 |
| 28 | 32.3 | 17.8 | 25.2 | 90 | 64 | 77 | 92 | 70 | 77 | 81 | 7.1 | 11.1 | 18.0 | 21.2 | 0 | 12 | | 0.00 | 0.0 | 29.07 | 322.3 | 224.2 | 3.6 | 3.8 | 20.9 |
| 29 | 33.7 | 18.7 | 25.6 | 93 | 66 | 78 | 95 | 71 | 80 | 83 | 9.8 | 12.8 | 16.4 | 20.0 | 0 | 15 | | 0.00 | 0.0 | 29.05 | 344.8 | 223.6 | 4.2 | 4.5 | 25.2 |
| 30 | 31.0 | 18.3 | 24.0 | 88 | 65 | 75 | 89 | 69 | 77 | 79 | 6.5 | 8.5 | 16.2 | 19.4 | 0 | 12 | | 0.00 | 0.0 | 29.04 | 279.9 | 235.1 | 4.2 | 4.5 | 24.7 |
| 31 | 28.2 | 17.3 | 22.7 | 83 | 63 | 73 | 86 | 66 | 73 | 76 | 2.2 | 5.2 | 14.5 | 17.7 | 0 | 8 | | 0.00 | 0.0 | 29.06 | 304.1 | 256.6 | 3.3 | 3.9 | 21.8 |
| Avg/Sum | 27.9 | 14.5 | 20.9 | 82.3 | 58.1 | 69.7 | 84.3 | 61.4 | 70.5 | 73.1 | 4.0 | 6.6 | 14.8 | 17.3 | 30.0 | 201.0 | R, S, TS | 4.61 | 0.0 | 29.15 | 288.3 | | 2.4 | 3.3 | 20.0 |
| Max | 33.7 | 18.7 | 25.6 | 92.7 | 65.7 | 78.1 | 95.0 | 71.0 | 80.0 | 83.0 | 9.8 | 13.3 | 18.6 | 21.3 | 10.0 | 15.0 | | 2.12 | 0.0 | 29.33 | 364.1 | | 4.8 | 5.2 | 32.3 |
| Min | 18.6 | 5.2 | 12.5 | 65.5 | 41.4 | 54.4 | 69.0 | 46.0 | 55.0 | 58.0 | -10.8 | -8.1 | 6.3 | 8.7 | 0.0 | 0.0 | | 0.00 | 0.0 | 28.90 | 122.5 | | 0.5 | 2.0 | 11.5 |