

May 2004

Weather data collected at the KSU Northwest Research-Extension Center, Colby, Kansas.

| Day | Air Temperature, F | | | | Soil Temperature, F | | | Water Temperature, F | | | Evap. | Wind | Solar | Precip. | Snow | Depth | Air Temp | GDU | HDU |
|--------|--------------------|------|------|-------|---------------------|------|------|----------------------|------|------|-------|------|----------|---------|------|-------|-----------|-------|-------|
| | Max | Min | 8:00 | Wet-B | Max | Min | Avg | Max | Min | 8:00 | in. | mi/d | Rad., ly | in. | in. | in. | Spread, F | | |
| 1 | 43 | 35 | 39 | 38 | 50 | 47 | 49 | 42 | 32 | 35 | 0.00 | 104 | 139 | 0.06 | | | 8 | | 26.0 |
| 2 | 60 | 33 | 39 | 39 | 58 | 45 | 52 | 60 | 37 | 39 | 0.24 | 83 | 576 | 0.00 | | | 27 | 5.0 | 18.5 |
| 3 | 65 | 36 | 43 | 39 | 65 | 47 | 56 | 65 | 36 | 38 | 0.27 | 101 | 660 | 0.00 | | | 29 | 7.5 | 14.5 |
| 4 | 83 | 43 | 56 | 51 | 70 | 51 | 61 | 82 | 38 | 52 | 0.30 | 93 | 726 | 0.00 | | | 40 | 16.5 | 2.0 |
| 5 | 79 | 50 | 57 | 55 | 73 | 58 | 66 | 80 | 50 | 50 | 0.35 | 113 | 692 | 0.00 | | | 29 | 14.5 | 0.5 |
| 6 | 96 | 50 | 68 | 54 | 73 | 59 | 66 | 86 | 50 | 52 | 0.40 | 106 | 598 | 0.01 | | | 46 | 18.0 | -8.0 |
| 7 | 96 | 45 | 50 | 46 | 77 | 61 | 69 | 86 | 50 | 50 | 0.45 | 110 | 531 | 0.00 | | | 51 | 18.0 | -5.5 |
| 8 | 87 | 48 | 56 | 52 | 78 | 62 | 70 | 85 | 50 | 54 | 0.36 | 68 | 672 | 0.00 | | | 39 | 18.0 | -2.5 |
| 9 | 92 | 55 | 61 | 59 | 80 | 63 | 72 | 87 | 54 | 63 | 0.38 | 78 | 688 | 0.00 | | | 37 | 20.5 | -8.5 |
| 10 | 88 | 57 | 61 | 60 | 78 | 66 | 72 | 84 | 56 | 56 | 0.47 | 161 | 658 | 0.02 | | | 31 | 21.5 | -7.5 |
| 11 | 78 | 59 | 62 | 61 | 74 | 66 | 70 | 76 | 56 | 58 | 0.23 | 171 | 415 | t | | | 19 | 18.5 | -3.5 |
| 12 | 85 | 47 | 53 | 49 | 75 | 66 | 71 | 78 | 50 | 50 | 0.60 | 301 | 646 | 0.00 | | | 38 | 17.5 | -1.0 |
| 13 | 70 | 35 | 36 | 35 | 76 | 64 | 70 | 70 | 38 | 38 | 0.43 | 191 | 680 | 0.18 | | | 35 | 10.0 | 12.5 |
| 14 | 51 | 28 | 38 | 34 | 65 | 55 | 60 | 50 | 36 | 36 | 0.11 | 107 | 328 | 0.00 | | | 23 | 0.5 | 25.5 |
| 15 | 64 | 37 | 44 | 44 | 69 | 50 | 60 | 74 | 36 | 58 | 0.32 | 106 | 784 | 0.00 | | | 27 | 7.0 | 14.5 |
| 16 | 77 | 45 | 58 | 56 | 69 | 56 | 63 | 75 | 40 | 52 | 0.25 | 145 | 651 | 0.00 | | | 32 | 13.5 | 4.0 |
| 17 | 83 | 42 | 60 | 59 | 67 | 60 | 64 | 72 | 52 | 56 | 0.41 | 196 | 462 | 0.31 | | | 41 | 16.5 | 2.5 |
| 18 | 71 | 49 | 50 | 50 | 66 | 60 | 63 | 68 | 50 | 50 | 0.16 | 124 | 271 | 0.03 | | | 22 | 10.5 | 5.0 |
| 19 | 62 | 58 | 60 | 60 | 62 | 58 | 60 | 62 | 50 | 58 | 0.04 | 81 | 144 | 0.04 | | | 4 | 10.0 | 5.0 |
| 20 | 86 | 60 | 60 | 55 | 77 | 60 | 69 | 86 | 58 | 60 | 0.21 | 69 | 548 | 0.00 | | | 26 | 23.0 | -8.0 |
| 21 | 76 | 54 | 68 | 64 | 74 | 64 | 69 | 76 | 58 | 60 | 0.25 | 96 | 470 | 0.02 | | | 22 | 15.0 | 0.0 |
| 22 | 95 | 53 | 66 | 64 | 81 | 63 | 72 | 91 | 58 | 60 | 0.38 | 128 | 687 | 0.00 | | | 42 | 19.5 | -9.0 |
| 23 | 90 | 44 | 56 | 50 | 81 | 67 | 74 | 86 | 46 | 50 | 0.45 | 130 | 662 | 0.00 | | | 46 | 18.0 | -2.0 |
| 24 | 86 | 52 | 63 | 50 | 80 | 63 | 72 | 82 | 48 | 52 | 0.53 | 103 | 729 | 0.00 | | | 34 | 19.0 | -4.0 |
| 25 | 83 | 48 | 51 | 49 | 79 | 66 | 73 | 80 | 50 | 50 | 0.46 | 125 | 606 | 0.26 | | | 35 | 16.5 | -0.5 |
| 26 | 71 | 50 | 57 | 54 | 76 | 63 | 70 | 70 | 50 | 52 | 0.30 | 83 | 603 | 0.02 | | | 21 | 10.5 | 4.5 |
| 27 | 88 | 50 | 62 | 54 | 79 | 62 | 71 | 84 | 50 | 52 | 0.41 | 90 | 739 | 0.00 | | | 38 | 18.0 | -4.0 |
| 28 | 85 | 53 | 65 | 58 | 81 | 64 | 73 | 84 | 52 | 56 | 0.41 | 87 | 692 | 0.00 | | | 32 | 19.0 | -4.0 |
| 29 | 97 | 67 | 70 | 61 | 80 | 67 | 74 | 82 | 56 | 63 | 0.82 | 273 | 665 | 0.00 | | | 30 | 26.5 | -17.0 |
| 30 | 91 | 45 | 52 | 47 | 84 | 70 | 77 | 89 | 47 | 47 | 0.32 | 191 | 639 | 0.00 | | | 46 | 18.0 | -3.0 |
| 31 | 71 | 41 | 53 | 46 | 73 | 66 | 70 | 70 | 41 | 43 | 0.57 | 162 | 659 | 0.00 | | | 30 | 10.5 | 9.0 |
| Totals | 2449 | 1469 | 1714 | 1593 | 2270 | 1869 | 2078 | 2362 | 1475 | 1590 | 10.88 | 3976 | 18020 | 0.95 | 0 | | 980 | 457.0 | 56.0 |
| Avg. | 79 | 47 | 55 | 51 | 73 | 60 | 67 | 76 | 48 | 51 | 0.35 | 128 | 581 | | | | 32 | 15.2 | 1.8 |
| Max | 97 | 67 | 70 | 64 | 84 | 70 | 77 | 91 | 58 | 63 | 0.82 | 301 | 784 | 0.31 | | | 51 | 26.5 | 26.0 |
| Min | 43 | 28 | 36 | 34 | 50 | 45 | 49 | 42 | 32 | 35 | 0.00 | 68 | 139 | 0.00 | | | 4 | 0.5 | -17.0 |

Note: Values for solar radiation and soil temperature are for preceding calendar day. All other values are 8:00 am to 8:00 pm.