

July 2005

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 | 88 | 57 | 70 | 64 | 91 | 76 | 84 | 88 | 58 | 62 | 0.39 | 53 | 703 | 0.00 | | | 31 | 21.5 | -7.5 |
| 2 | 91 | 61 | 68 | 62 | 89 | 75 | 82 | 85 | 60 | 59 | 0.48 | 119 | 617 | 0.30 | | | 30 | 23.5 | -11.0 |
| 3 | 98 | 66 | 74 | 66 | 88 | 71 | 80 | 88 | 61 | 64 | 0.45 | 152 | 660 | 0.07 | | | 32 | 26.0 | -17.0 |
| 4 | 86 | 58 | 65 | 63 | 85 | 73 | 79 | 84 | 60 | 60 | 0.24 | 73 | 403 | 0.13 | | | 28 | 22.0 | -7.0 |
| 5 | 84 | 53 | 61 | 60 | 87 | 70 | 79 | 88 | 56 | 58 | 0.59 | 82 | 552 | 0.92 | | | 31 | 18.5 | -3.5 |
| 6 | 81 | 55 | 63 | 60 | 80 | 66 | 73 | 84 | 56 | 58 | 0.30 | 68 | 587 | 0.00 | | | 26 | 18.0 | -3.0 |
| 7 | 86 | 63 | 66 | 66 | 86 | 66 | 76 | 68 | 58 | 62 | 0.36 | 96 | 671 | 0.00 | | | 23 | 24.5 | -9.5 |
| 8 | 92 | 64 | 70 | 67 | 88 | 71 | 80 | 84 | 64 | 64 | 0.39 | 152 | 638 | 0.00 | | | 28 | 25.0 | -13.0 |
| 9 | 94 | 65 | 72 | 69 | 91 | 73 | 82 | 85 | 64 | 64 | 0.41 | 143 | 677 | 0.00 | | | 29 | 25.5 | -14.5 |
| 10 | 92 | 69 | 70 | 66 | 88 | 76 | 82 | 84 | 56 | 58 | 0.44 | 148 | 542 | 0.00 | | | 23 | 27.5 | -15.5 |
| 11 | 91 | 65 | 70 | 66 | 89 | 74 | 82 | 84 | 62 | 64 | 0.56 | 178 | 682 | 0.00 | | | 26 | 25.5 | -13.0 |
| 12 | 91 | 63 | 69 | 66 | 93 | 75 | 84 | 92 | 62 | 66 | 0.33 | 32 | 626 | 0.00 | | | 28 | 24.5 | -12.0 |
| 13 | 93 | 62 | 73 | 69 | 93 | 76 | 85 | 94 | 64 | 64 | 0.38 | 48 | 629 | 0.00 | | | 31 | 24.0 | -12.5 |
| 14 | 92 | 58 | 64 | 63 | 94 | 77 | 86 | 92 | 62 | 62 | 0.42 | 51 | 665 | 0.00 | | | 34 | 22.0 | -10.0 |
| 15 | 93 | 59 | 67 | 65 | 94 | 76 | 85 | 94 | 62 | 62 | 0.45 | 67 | 690 | 0.00 | | | 34 | 22.5 | -11.0 |
| 16 | 92 | 60 | 67 | 65 | 94 | 76 | 85 | 91 | 62 | 63 | 0.40 | 55 | 668 | 0.00 | | | 32 | 23.0 | -11.0 |
| 17 | 92 | 67 | 74 | 66 | 92 | 77 | 85 | 88 | 62 | 64 | 0.50 | 171 | 678 | 0.00 | | | 25 | 26.5 | -14.5 |
| 18 | 100 | 60 | 64 | 62 | 93 | 77 | 85 | 90 | 60 | 60 | 0.53 | 134 | 663 | 0.08 | | | 40 | 23.0 | -15.0 |
| 19 | 85 | 64 | 67 | 67 | 89 | 75 | 82 | 86 | 60 | 64 | 0.33 | 94 | 625 | 0.00 | | | 21 | 24.5 | -9.5 |
| 20 | 98 | 67 | 77 | 67 | 93 | 77 | 85 | 90 | 64 | 64 | 0.57 | 167 | 651 | 0.00 | | | 31 | 26.5 | -17.5 |
| 21 | 105 | 66 | 77 | 68 | 92 | 79 | 86 | 90 | 62 | 62 | 0.49 | 104 | 459 | 0.04 | | | 39 | 26.0 | -20.5 |
| 22 | 101 | 65 | 76 | 68 | 94 | 77 | 86 | 92 | 64 | 64 | 0.53 | 92 | 680 | 0.00 | | | 36 | 25.5 | -18.0 |
| 23 | 101 | 63 | 74 | 66 | 95 | 78 | 87 | 92 | 63 | 63 | 0.58 | 113 | 695 | 0.00 | | | 38 | 24.5 | -17.0 |
| 24 | 99 | 69 | 71 | 63 | 93 | 79 | 86 | 88 | 63 | 63 | 0.74 | 193 | 682 | 0.00 | | | 30 | 27.5 | -19.0 |
| 25 | 100 | 66 | 72 | 68 | 96 | 80 | 88 | 94 | 62 | 66 | 0.45 | 53 | 664 | t | | | 34 | 26.0 | -18.0 |
| 26 | 97 | 60 | 60 | 60 | 94 | 81 | 88 | 90 | 62 | 62 | 0.54 | 113 | 559 | 0.79 | | | 37 | 23.0 | -13.5 |
| 27 | 75 | 49 | 54 | 54 | 84 | 71 | 78 | 76 | 54 | 54 | 0.25 | 91 | 429 | 0.02 | | | 26 | 12.5 | 3.0 |
| 28 | 79 | 54 | 62 | 58 | 85 | 65 | 75 | 86 | 54 | 54 | 0.30 | 80 | 671 | 0.00 | | | 25 | 16.5 | -1.5 |
| 29 | 89 | 60 | 67 | 58 | 86 | 68 | 77 | 84 | 54 | 54 | 0.51 | 138 | 691 | 0.00 | | | 29 | 23.0 | -9.5 |
| 30 | 95 | 61 | 68 | 62 | 87 | 70 | 79 | 85 | 56 | 58 | 0.56 | 166 | 684 | 0.00 | | | 34 | 23.5 | -13.0 |
| 31 | 97 | 61 | 72 | 65 | 88 | 72 | 80 | 86 | 58 | 64 | 0.54 | 126 | 667 | 0.00 | | | 36 | 23.5 | -14.0 |
| Totals | 2857 | 1910 | 2124 | 1989 | 2791 | 2297 | 2551 | 2702 | 1865 | 1906 | 14.01 | 3352 | 19508 | 2.35 | 0 | | 947 | 725.5 | -368.5 |
| Avg. | 92 | 62 | 69 | 64 | 90 | 74 | 82 | 87 | 60 | 61 | 0.45 | 108 | 629 | | | | 31 | 23.4 | -11.9 |
| Max | 105 | 69 | 77 | 69 | 96 | 81 | 88 | 94 | 64 | 66 | 0.74 | 193 | 703 | 0.92 | | | 40 | 27.5 | 3.0 |
| Min | 75 | 49 | 54 | 54 | 80 | 65 | 73 | 68 | 54 | 54 | 0.24 | 32 | 403 | 0.00 | | | 21 | 12.5 | -20.5 |

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