

May 2010

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 | 62 | 30 | 39 | 38 | 70 | 45 | 57 | 65 | 38 | 38 | 0.30 | 111 | 577 | 0.00 | | | 32 | 6.0 | 19.0 |
| 2 | 65 | 32 | 48 | 45 | 75 | 40 | 58 | 68 | 38 | 42 | 0.30 | 85 | 592 | 0.00 | | | 33 | 7.5 | 16.5 |
| 3 | 68 | 34 | 39 | 39 | 80 | 43 | 62 | 72 | 40 | 41 | 0.06 | 53 | 536 | 0.06 | | | 34 | 9.0 | 14.0 |
| 4 | 73 | 34 | 47 | 45 | 75 | 43 | 59 | 71 | 40 | 43 | 0.28 | 86 | 631 | 0.00 | | | 39 | 11.5 | 11.5 |
| 5 | 84 | 35 | 44 | 36 | 86 | 46 | 66 | 82 | 40 | 40 | 0.42 | 99 | 704 | 0.00 | | | 49 | 17.0 | 5.5 |
| 6 | 66 | 41 | 45 | 40 | 79 | 47 | 63 | | | | 0.36 | 121 | 725 | 0.00 | | | 25 | 8.0 | 11.5 |
| 7 | 79 | 36 | 37 | 35 | 82 | 50 | 66 | 50 | 38 | 38 | 0.36 | 206 | 662 | 0.06 | | | 43 | 14.5 | 7.5 |
| 8 | 58 | 34 | 42 | 39 | 69 | 48 | 58 | 58 | 39 | 40 | 0.30 | 132 | 723 | 0.00 | | | 24 | 4.0 | 19.0 |
| 9 | 62 | 40 | 49 | 45 | 74 | 46 | 60 | 62 | 38 | 40 | 0.36 | 150 | 654 | 0.00 | | | 22 | 6.0 | 14.0 |
| 10 | 74 | 46 | 47 | 47 | 76 | 48 | 62 | 72 | 40 | 44 | 0.40 | 244 | 709 | 0.03 | | | 28 | 12.0 | 5.0 |
| 11 | 59 | 40 | 46 | 46 | 61 | 49 | 55 | 58 | 46 | 46 | 0.01 | 84 | 122 | 0.01 | | | 19 | 4.5 | 15.5 |
| 12 | 59 | 39 | 39 | 39 | 67 | 47 | 57 | 63 | 42 | 42 | 0.10 | 147 | 338 | 0.06 | | | 20 | 4.5 | 16.0 |
| 13 | 47 | 32 | 37 | 37 | 52 | 45 | 48 | 50 | 38 | 38 | 0.08 | 126 | 189 | 0.02 | | | 15 | | 25.5 |
| 14 | 62 | 33 | 44 | 43 | 70 | 38 | 45 | 74 | 38 | 56 | 0.28 | 76 | 709 | 0.00 | | | 29 | 6.0 | 17.5 |
| 15 | 67 | 44 | 50 | 49 | 74 | 45 | 59 | 68 | 45 | 48 | 0.22 | 102 | 534 | T | | | 23 | 8.5 | 9.5 |
| 16 | 59 | 46 | 50 | 49 | 62 | 52 | 57 | 59 | 48 | 49 | 0.07 | 78 | 184 | 0.23 | | | 13 | 4.5 | 12.5 |
| 17 | 64 | 45 | 48 | 48 | 68 | 49 | 58 | 68 | 48 | 50 | 0.15 | 74 | 422 | T | | | 19 | 7.0 | 10.5 |
| 18 | 70 | 46 | 51 | 51 | 87 | 51 | 69 | 80 | 50 | 50 | 0.30 | 73 | 706 | 0.00 | | | 24 | 10.0 | 7.0 |
| 19 | 67 | 51 | 54 | 54 | 68 | 53 | 60 | 64 | 50 | 52 | 0.15 | 152 | 280 | 0.31 | | | 16 | 9.0 | 6.0 |
| 20 | 58 | 47 | 48 | 48 | 62 | 54 | 52 | 58 | 50 | 50 | 0.04 | 78 | 117 | 0.73 | | | 11 | 4.0 | 12.5 |
| 21 | 63 | 40 | 50 | 50 | 66 | 50 | 58 | 67 | 48 | 50 | 0.11 | 61 | 360 | 0.01 | | | 23 | 6.5 | 13.5 |
| 22 | 78 | 50 | 68 | 66 | 77 | 46 | 62 | 76 | 49 | 63 | 0.35 | 192 | 607 | 0.00 | | | 28 | 14.0 | 1.0 |
| 23 | 92 | 47 | 59 | 52 | 90 | 62 | 76 | 86 | 54 | 54 | 0.52 | 250 | 753 | 0.00 | | | 45 | 18.0 | -4.5 |
| 24 | 85 | 44 | 69 | 67 | 93 | 57 | 75 | 87 | 52 | 64 | 0.62 | 151 | 750 | 0.94 | | | 41 | 17.5 | 0.5 |
| 25 | 82 | 48 | 54 | 51 | 77 | 56 | 66 | 78 | 51 | 51 | 0.42 | 200 | 536 | 0.02 | | | 34 | 16.0 | 0.0 |
| 26 | 71 | 51 | 55 | 55 | 69 | 52 | 61 | 66 | 51 | 54 | 0.03 | 53 | 191 | 0.07 | | | 20 | 11.0 | 4.0 |
| 27 | 78 | 55 | 64 | 63 | 87 | 54 | 70 | 83 | 54 | 60 | 0.20 | 99 | 605 | 0.11 | | | 23 | 16.5 | -1.5 |
| 28 | 87 | 61 | 68 | 62 | 92 | 60 | 76 | 86 | 60 | 62 | 0.41 | 159 | 707 | 0.00 | | | 26 | 23.5 | -9.0 |
| 29 | 91 | 64 | 70 | 65 | 94 | 64 | 79 | 88 | 61 | 62 | 0.50 | 189 | 730 | 0.00 | | | 27 | 25.0 | -12.5 |
| 30 | 94 | 54 | 57 | 53 | 94 | 66 | 80 | 86 | 54 | 54 | 0.62 | 217 | 688 | 0.00 | | | 40 | 20.0 | -9.0 |
| 31 | 75 | 50 | 56 | 56 | 90 | 64 | 77 | 73 | 54 | 55 | 0.31 | 86 | 744 | 0.00 | | | 25 | 12.5 | 2.5 |
| Totals | 2199 | 1349 | 1574 | 1513 | 2366 | 1570 | 1951 | 2118 | 1394 | 1476 | 8.63 | 3934 | 16785 | 2.66 | 0 | | 850 | 334.0 | 241.0 |
| Avg. | 71 | 44 | 51 | 49 | 76 | 51 | 63 | 71 | 46 | 49 | 0.28 | 127 | 541 | | | | 27 | 11.1 | 7.8 |
| Max | 94 | 64 | 70 | 67 | 94 | 66 | 80 | 88 | 61 | 64 | 0.62 | 250 | 753 | 0.94 | | | 49 | 25.0 | 25.5 |
| Min | 47 | 30 | 37 | 35 | 52 | 38 | 45 | 50 | 38 | 38 | 0.01 | 53 | 117 | 0.00 | | | 11 | 4.0 | -12.5 |

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