

September 2008

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 | 67 | 69 | 65 | 89 | 70 | 79 | 82 | 62 | 64 | 0.53 | 283 | 612 | 0.00 | | | 21 | 26.5 | -12.5 |
| 2 | 91 | 58 | 58 | 54 | 88 | 71 | 80 | 82 | 59 | 59 | 0.59 | 209 | 538 | 0.67 | | | 33 | 22.0 | -9.5 |
| 3 | 72 | 46 | 49 | 47 | 80 | 63 | 72 | 74 | 50 | 50 | 0.26 | 107 | 494 | 0.00 | | | 26 | 11.0 | 6.0 |
| 4 | 70 | 40 | 42 | 42 | 85 | 56 | 71 | 77 | 50 | 50 | 0.26 | 56 | 635 | 0.00 | | | 30 | 10.0 | 10.0 |
| 5 | 77 | 43 | 56 | 54 | 89 | 55 | 72 | 80 | 48 | 55 | 0.20 | 109 | 633 | 0.19 | | | 34 | 13.5 | 5.0 |
| 6 | 67 | 48 | 53 | 51 | 77 | 61 | 69 | 72 | 54 | 54 | 0.01 | 46 | 372 | 0.01 | | | 19 | 8.5 | 7.5 |
| 7 | 70 | 47 | 53 | 52 | 76 | 58 | 67 | 73 | 54 | 54 | 0.08 | 11 | 313 | 0.00 | | | 23 | 10.0 | 6.5 |
| 8 | 75 | 44 | 44 | 44 | 82 | 56 | 69 | 77 | 50 | 50 | 0.48 | 129 | 475 | 1.43 | | | 31 | 12.5 | 5.5 |
| 9 | 54 | 44 | 49 | 49 | 65 | 55 | 60 | 58 | 50 | 50 | 0.03 | 61 | 146 | 0.08 | | | 10 | 2.0 | 16.0 |
| 10 | 66 | 49 | 58 | 58 | 62 | 54 | 58 | 62 | 50 | 55 | 0.09 | 165 | 248 | 0.00 | | | 17 | 8.0 | 7.5 |
| 11 | 83 | 56 | 60 | 60 | 74 | 57 | 60 | 80 | 55 | 60 | 0.22 | 128 | 492 | 0.00 | | | 27 | 19.5 | -4.5 |
| 12 | 68 | 57 | 57 | 57 | 68 | 60 | 64 | 66 | 57 | 58 | 0.06 | 108 | 136 | 0.06 | | | 11 | 12.5 | 2.5 |
| 13 | 68 | 50 | 52 | 52 | 71 | 61 | 66 | 68 | 54 | 54 | 0.04 | 42 | 186 | 0.35 | | | 18 | 9.0 | 6.0 |
| 14 | 77 | 44 | 47 | 44 | 79 | 57 | 68 | 78 | 47 | 47 | 0.30 | 129 | 603 | 0.00 | | | 33 | 13.5 | 4.5 |
| 15 | 68 | 37 | 42 | 42 | 78 | 53 | 66 | 70 | 46 | 46 | 0.27 | 73 | 593 | 0.00 | | | 31 | 9.0 | 12.5 |
| 16 | 79 | 42 | 49 | 49 | 80 | 50 | 65 | 80 | 46 | 56 | 0.15 | 28 | 580 | 0.00 | | | 37 | 14.5 | 4.5 |
| 17 | 85 | 48 | 50 | 50 | 85 | 55 | 70 | 81 | 53 | 54 | 0.27 | 38 | 580 | 0.00 | | | 37 | 17.5 | -1.5 |
| 18 | 86 | 50 | 54 | 53 | 78 | 58 | 68 | 82 | 54 | 54 | 0.25 | 78 | 573 | 0.00 | | | 36 | 18.0 | -3.0 |
| 19 | 83 | 47 | 48 | 48 | 76 | 61 | 69 | 78 | 51 | 51 | 0.30 | 109 | 531 | 0.00 | | | 36 | 16.5 | 0.0 |
| 20 | 83 | 46 | 54 | 53 | 78 | 60 | 69 | 80 | 50 | 65 | 0.19 | 58 | 554 | 0.00 | | | 37 | 16.5 | 0.5 |
| 21 | 85 | 52 | 61 | 57 | 79 | 60 | 70 | 80 | 52 | 66 | 0.30 | 107 | 541 | 0.00 | | | 33 | 18.5 | -3.5 |
| 22 | 87 | 57 | 62 | 58 | 76 | 64 | 70 | 77 | 55 | 66 | 0.43 | 247 | 458 | 0.00 | | | 30 | 21.5 | -7.0 |
| 23 | 91 | 52 | 53 | 52 | 79 | 65 | 72 | 80 | 56 | 56 | 0.53 | 208 | 504 | 0.00 | | | 39 | 19.0 | -6.5 |
| 24 | 83 | 49 | 56 | 56 | 79 | 64 | 72 | 79 | 54 | 54 | 0.28 | 53 | 529 | 0.00 | | | 34 | 16.5 | -1.0 |
| 25 | 86 | 56 | 64 | 59 | 79 | 62 | 61 | 80 | 54 | 58 | 0.20 | 161 | 461 | 0.05 | | | 30 | 21.0 | -6.0 |
| 26 | 89 | 54 | 56 | 54 | 79 | 65 | 72 | 81 | 54 | 54 | 0.45 | 170 | 509 | 0.00 | | | 35 | 20.0 | -6.5 |
| 27 | 93 | 51 | 62 | 61 | 82 | 64 | 73 | 84 | 54 | 58 | 0.29 | 80 | 524 | 0.00 | | | 42 | 18.5 | -7.0 |
| 28 | 78 | 48 | 51 | 51 | 80 | 66 | 73 | 81 | 57 | 57 | 0.15 | 56 | 419 | 0.00 | | | 30 | 14.0 | 2.0 |
| 29 | 90 | 47 | 47 | 43 | 81 | 63 | 72 | 82 | 49 | 49 | 0.41 | 100 | 502 | 0.00 | | | 43 | 18.0 | -3.5 |
| 30 | 73 | 38 | 41 | 39 | 75 | 62 | 69 | 72 | 46 | 46 | 0.25 | 60 | 504 | 0.00 | | | 35 | 11.5 | 9.5 |
| Totals | 2365 | 1467 | 1597 | 1554 | 2349 | 1806 | 2066 | 2296 | 1571 | 1650 | 7.87 | 3209 | 14245 | 2.84 | 0 | | 898 | 449.0 | 34.0 |
| Avg. | 79 | 49 | 53 | 52 | 78 | 60 | 69 | 77 | 52 | 55 | 0.26 | 107 | 475 | | | | 30 | 15.0 | 1.1 |
| Max | 93 | 67 | 69 | 65 | 89 | 71 | 80 | 84 | 62 | 66 | 0.59 | 283 | 635 | 1.43 | | | 43 | 26.5 | 16.0 |
| Min | 54 | 37 | 41 | 39 | 62 | 50 | 58 | 58 | 46 | 46 | 0.01 | 11 | 136 | 0.00 | | | 10 | 2.0 | -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 pm.