

August 2022

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 | 94 | 64 | 68 | 68 | 80 | 72 | 76 | 94 | 68 | 71 | 0.20 | 35 | 513 | 0.00 | 0 | 0 | 30 | 25.0 | -14.0 |
| 2 | 95 | 63 | 70 | 68 | 82 | 73 | 78 | 94 | 70 | 70 | 0.40 | 47 | 617 | 0.00 | 0 | 0 | 32 | 24.5 | -14.0 |
| 3 | 100 | 69 | 73 | 67 | 83 | 74 | 79 | 95 | 70 | 70 | 0.43 | 77 | 615 | 0.00 | 0 | 0 | 31 | 27.5 | -19.5 |
| 4 | 95 | 67 | 70 | 68 | 81 | 76 | 79 | 91 | 69 | 69 | 0.45 | 100 | 623 | 0.00 | 0 | 0 | 28 | 26.5 | -16.0 |
| 5 | 94 | 70 | 73 | 71 | 83 | 76 | 80 | 93 | 69 | 71 | 0.48 | 104 | 622 | 0.00 | 0 | 0 | 24 | 28.0 | -17.0 |
| 6 | 99 | 67 | 72 | 68 | 83 | 77 | 80 | 94 | 70 | 70 | 0.56 | 116 | 604 | 0.00 | 0 | 0 | 32 | 26.5 | -18.0 |
| 7 | 100 | 65 | 65 | 65 | 84 | 77 | 81 | 99 | 70 | 72 | 0.37 | 68 | 596 | 0.00 | 0 | 0 | 35 | 25.5 | -17.5 |
| 8 | 87 | 62 | 65 | 62 | 82 | 77 | 80 | 91 | 66 | 67 | 0.30 | 100 | 439 | 0.03 | 0 | 0 | 25 | 24.0 | -9.5 |
| 9 | 83 | 60 | 66 | 64 | 80 | 75 | 78 | 84 | 64 | 64 | 0.26 | 50 | 424 | 0.00 | 0 | 0 | 23 | 21.5 | -6.5 |
| 10 | 93 | 56 | 66 | 64 | 82 | 75 | 79 | 95 | 64 | 66 | 0.40 | 64 | 608 | 0.00 | 0 | 0 | 37 | 21.0 | -9.5 |
| 11 | 95 | 56 | 65 | 60 | 82 | 75 | 79 | 92 | 64 | 64 | 0.40 | 60 | 632 | 0.00 | 0 | 0 | 39 | 21.0 | -10.5 |
| 12 | 95 | 57 | 66 | 62 | 81 | 75 | 78 | 90 | 61 | 61 | 0.50 | 95 | 631 | 0.00 | 0 | 0 | 38 | 21.5 | -11.0 |
| 13 | 99 | 64 | 72 | 62 | 81 | 75 | 78 | 92 | 61 | 64 | 0.56 | 103 | 622 | 0.00 | 0 | 0 | 35 | 25.0 | -16.5 |
| 14 | 100 | 64 | 72 | 63 | 82 | 76 | 79 | 93 | 64 | 65 | 0.45 | 62 | 617 | 0.00 | 0 | 0 | 36 | 25.0 | -17.0 |
| 15 | 102 | 66 | 67 | 64 | 82 | 76 | 79 | 91 | 65 | 68 | 0.55 | 89 | 595 | 0.00 | 0 | 0 | 36 | 26.0 | -19.0 |
| 16 | 95 | 66 | 66 | 66 | 82 | 76 | 79 | 94 | 68 | 69 | 0.55 | 91 | 572 | 1.10 | 0 | 0 | 29 | 26.0 | -15.5 |
| 17 | 84 | 60 | 62 | 62 | 78 | 74 | 76 | 79 | 66 | 66 | 0.15 | 60 | 258 | T | 0 | 0 | 24 | 22.0 | -7.0 |
| 18 | 77 | 55 | 60 | 60 | 79 | 73 | 76 | 88 | 64 | 64 | 0.20 | 35 | 452 | T | 0 | 0 | 22 | 16.0 | -1.0 |
| 19 | 91 | 59 | 64 | 62 | 79 | 73 | 76 | 92 | 64 | 68 | 0.25 | 39 | 586 | 0.00 | 0 | 0 | 32 | 22.5 | -10.0 |
| 20 | 90 | 55 | 59 | 56 | 79 | 74 | 77 | 90 | 64 | 64 | 0.37 | 55 | 563 | 0.00 | 0 | 0 | 35 | 20.5 | -7.5 |
| 21 | 85 | 60 | 65 | 64 | 78 | 73 | 76 | 88 | 64 | 65 | 0.30 | 42 | 520 | 0.00 | 0 | 0 | 25 | 22.5 | -7.5 |
| 22 | 87 | 54 | 61 | 59 | 78 | 73 | 76 | 88 | 64 | 64 | 0.32 | 50 | 539 | 0.00 | 0 | 0 | 33 | 20.0 | -5.5 |
| 23 | 89 | 51 | 58 | 58 | 78 | 73 | 76 | 91 | 62 | 62 | 0.30 | 35 | 583 | 0.00 | 0 | 0 | 38 | 18.5 | -5.0 |
| 24 | 88 | 54 | 58 | 58 | 79 | 72 | 76 | 88 | 61 | 61 | 0.33 | 48 | 591 | 0.00 | 0 | 0 | 34 | 20.0 | -6.0 |
| 25 | 93 | 54 | 60 | 56 | 80 | 72 | 76 | 91 | 61 | 63 | 0.32 | 42 | 582 | 0.00 | 0 | 0 | 39 | 20.0 | -8.5 |
| 26 | 90 | 60 | 67 | 59 | 80 | 73 | 77 | 89 | 61 | 61 | 0.50 | 85 | 581 | 0.00 | 0 | 0 | 30 | 23.0 | -10.0 |
| 27 | 94 | 65 | 66 | 64 | 79 | 73 | 76 | 86 | 61 | 66 | 0.60 | 172 | 565 | 0.00 | 0 | 0 | 29 | 25.5 | -14.5 |
| 28 | 94 | 59 | 61 | 58 | 81 | 74 | 78 | 90 | 64 | 64 | 0.30 | 91 | 501 | 0.00 | 0 | 0 | 35 | 22.5 | -11.5 |
| 29 | 102 | 60 | 64 | 63 | 81 | 74 | 78 | 91 | 64 | 64 | 0.50 | 75 | 540 | 0.00 | 0 | 0 | 42 | 23.0 | -16.0 |
| 30 | 89 | 54 | 57 | 55 | 80 | 73 | 77 | 87 | 60 | 60 | 0.41 | 94 | 563 | 0.00 | 0 | 0 | 35 | 20.0 | -6.5 |
| 31 | 92 | 57 | 65 | 62 | 80 | 73 | 77 | 89 | 60 | 63 | 0.38 | 70 | 573 | 0.00 | 0 | 0 | 35 | 21.5 | -9.5 |
| Totals | 2871 | 1873 | 2023 | 1938 | 2499 | 2302 | 2410 | 2809 | 2003 | 2036 | 12.09 | 2254 | 17327 | 1.13 | 0 | 0 | 998 | 712.0 | -357.0 |
| Avg. | 93 | 60 | 65 | 63 | 81 | 74 | 78 | 91 | 65 | 66 | 0 | 73 | 559 | | | | 32 | 23.0 | -11.5 |
| Max | 102 | 70 | 73 | 71 | 84 | 77 | 81 | 99 | 70 | 72 | 0.6 | 172 | 632 | 1.1 | 0 | | 42 | 28.0 | -1.0 |
| Min | 77 | 51 | 57 | 55 | 78 | 72 | 76 | 79 | 60 | 60 | 0.15 | 35 | 258 | 0 | 0 | | 22 | 16.0 | -19.5 |

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