

May 2020

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

| Day | Air Temperature, F | | | RH | Wet-B | Soil Temperature, F | | | Water Temperature, F | | | Evap. | Wind | Solar | Precip. | Snow | Depth | Air Temp | GDU | HDU |
|--------|--------------------|------|------|------|-------|---------------------|------|------|----------------------|------|------|-------|------|----------|---------|------|-------|-----------|-------|-------|
| | Max | Min | 8:00 | 8:00 | | Max | Min | Avg | Max | Min | 8:00 | in. | mi/d | Rad., ly | in. | in. | in. | Spread, F | | |
| 1 | 85 | 47 | 58 | | 53 | 63 | 53 | 58 | 75 | 44 | 53 | 0.45 | 142 | 477 | 0.00 | 0.0 | 0 | 38 | 17.5 | -1.0 |
| 2 | 90 | 54 | 56 | | 51 | 68 | 57 | 63 | 85 | 53 | 54 | 0.40 | 128 | 540 | 0.00 | 0.0 | 0 | 36 | 20.0 | -7.0 |
| 3 | 70 | 42 | 50 | | 48 | 63 | 56 | 60 | 69 | 50 | 50 | 0.35 | 118 | 322 | 0.13 | 0.0 | 0 | 28 | 10.0 | 9.0 |
| 4 | 76 | 49 | 51 | | 51 | 69 | 57 | 63 | 82 | 50 | 56 | 0.31 | 132 | 544 | 0.04 | 0.0 | 0 | 27 | 13.0 | 2.5 |
| 5 | 72 | 35 | 42 | | 42 | 66 | 56 | 61 | 74 | 42 | 42 | 0.29 | 130 | 357 | 0.01 | 0.0 | 0 | 37 | 11.0 | 11.5 |
| 6 | 76 | 32 | 41 | | 39 | 69 | 55 | 62 | 76 | 42 | 46 | 0.36 | 89 | 570 | 0.00 | 0.0 | 0 | 44 | 13.0 | 11.0 |
| 7 | 70 | 41 | 48 | | 43 | 69 | 56 | 63 | 80 | 45 | 45 | 0.30 | 93 | 552 | 0.00 | 0.0 | 0 | 29 | 10.0 | 9.5 |
| 8 | 75 | 39 | 42 | | 38 | 69 | 57 | 63 | 79 | 42 | 42 | 0.43 | 206 | 540 | 0.00 | 0.0 | 0 | 36 | 12.5 | 8.0 |
| 9 | 62 | 38 | 45 | | 39 | 69 | 57 | 63 | 76 | 42 | 42 | 0.32 | 100 | 572 | 0.00 | 0.0 | 0 | 24 | 6.0 | 15.0 |
| 10 | 68 | 35 | 38 | | 35 | 67 | 57 | 62 | 74 | 42 | 43 | 0.33 | 112 | 495 | 0.00 | 0.0 | 0 | 33 | 9.0 | 13.5 |
| 11 | 63 | 38 | 39 | | 36 | 68 | 56 | 62 | 74 | 42 | 42 | 0.30 | 96 | 530 | 0.00 | 0.0 | 0 | 25 | 6.5 | 14.5 |
| 12 | 40 | 33 | 36 | | 36 | 60 | 51 | 56 | 43 | 38 | 38 | 0.02 | 117 | 64 | 0.43 | 0.0 | 0 | 7 | | 28.5 |
| 13 | 45 | 35 | 44 | | 44 | 53 | 51 | 52 | 48 | 38 | 45 | 0.02 | 143 | 122 | 0.02 | 0.0 | 0 | 10 | | 25.0 |
| 14 | 74 | 44 | 50 | | 50 | 62 | 51 | 57 | 75 | 45 | 55 | 0.10 | 132 | 332 | T | 0.0 | 0 | 30 | 12.0 | 6.0 |
| 15 | 80 | 50 | 54 | | 52 | 70 | 56 | 64 | 84 | 54 | 57 | 0.30 | 68 | 530 | T | 0.0 | 0 | 30 | 15.0 | 0.0 |
| 16 | 78 | 52 | 54 | | 53 | 68 | 59 | 64 | 79 | 55 | 55 | 0.37 | 121 | 457 | 0.50 | 0.0 | 0 | 26 | 15.0 | 0.0 |
| 17 | 73 | 40 | 48 | | 46 | 71 | 60 | 66 | 80 | 49 | 49 | 0.29 | 97 | 441 | 0.00 | 0.0 | 0 | 33 | 11.5 | 8.5 |
| 18 | 73 | 41 | 52 | | 50 | 71 | 59 | 65 | 83 | 49 | 52 | 0.30 | 74 | 577 | 0.00 | 0.0 | 0 | 32 | 11.5 | 8.0 |
| 19 | 79 | 47 | 51 | | 50 | 72 | 60 | 67 | 84 | 52 | 54 | 0.39 | 86 | 570 | 0.00 | 0.0 | 0 | 32 | 14.5 | 2.0 |
| 20 | 82 | 50 | 54 | | 53 | 72 | 61 | 66 | 83 | 54 | 56 | 0.35 | 126 | 529 | 0.00 | 0.0 | 0 | 32 | 16.0 | -1.0 |
| 21 | 82 | 54 | 59 | | 58 | 69 | 62 | 66 | 78 | 56 | 59 | 0.36 | 188 | 505 | 0.00 | 0.0 | 0 | 28 | 18.0 | -3.0 |
| 22 | 74 | 53 | 57 | | 57 | 67 | 62 | 65 | 74 | 57 | 57 | 0.17 | 81 | 196 | 0.03 | 0.0 | 0 | 21 | 13.5 | 1.5 |
| 23 | 78 | 51 | 57 | | 54 | 71 | 62 | 67 | 83 | 53 | 54 | 0.19 | 87 | 445 | 0.00 | 0.0 | 0 | 27 | 14.5 | 0.5 |
| 24 | 62 | 54 | 56 | | 55 | 69 | 62 | 66 | 81 | 54 | 58 | 0.40 | 146 | 413 | 0.00 | 0.0 | 0 | 8 | 8.0 | 7.0 |
| 25 | 68 | 49 | 50 | | | 66 | 60 | 63 | 66 | 52 | 52 | 0.22 | 191 | 186 | 0.82 | 0.0 | 0 | 19 | 9.0 | 6.5 |
| 26 | 65 | 42 | 47 | | 47 | 65 | 59 | 62 | 71 | 50 | 51 | 0.24 | 98 | 362 | 0.01 | 0.0 | 0 | 23 | 7.5 | 11.5 |
| 27 | 76 | 47 | 55 | | 53 | 68 | 58 | 63 | 82 | 50 | 56 | 0.30 | 44 | 527 | 0.00 | 0.0 | 0 | 29 | 13.0 | 3.5 |
| 28 | 82 | 47 | 59 | | 55 | 70 | 61 | 65 | 83 | 56 | 57 | 0.23 | 59 | 515 | 0.00 | 0.0 | 0 | 35 | 16.0 | 0.5 |
| 29 | 80 | 51 | 61 | | 53 | 72 | 62 | 67 | 84 | 57 | 59 | 0.30 | 67 | 518 | 0.00 | 0.0 | 0 | 29 | 15.5 | -0.5 |
| 30 | 85 | 57 | 63 | 50.4 | | 72 | 64 | 68 | 84 | 58 | 59 | 0.50 | 151 | 577 | 0.00 | 0.0 | 0 | 28 | 21.0 | -6.0 |
| 31 | 91 | 63 | 66 | 45.5 | 60 | 74 | 65 | 70 | 87 | 59 | 62 | 0.52 | 148 | 526 | 0.00 | 0.0 | 0 | 28 | 24.5 | -12.0 |
| Totals | 2274 | 1410 | 1583 | 95.9 | 1401 | 2102 | 1802 | 1959 | 2376 | 1530 | 1600 | 9.41 | 3570 | 13891 | 1.99 | 0.0 | | 864 | 384.5 | 173.0 |
| Avg. | 73 | 45 | 51 | 48 | 48 | 68 | 58 | 63 | 77 | 49 | 52 | 0.30 | 115 | 448 | | | | 28 | 13.3 | 5.6 |
| Max | 91 | 63 | 66 | 50.4 | 60 | 74 | 65 | 70 | 87 | 59 | 62 | 0.52 | 206 | 577 | 0.82 | | | 44 | 24.5 | 28.5 |
| Min | 40 | 32 | 36 | 45.5 | 35 | 53 | 51 | 52 | 43 | 38 | 38 | 0.02 | 44 | 64 | 0.00 | | | 7 | 6.0 | -12.0 |

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