

April 2019

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 | 56 | 23 | 32 | 32 | 44 | 37 | 41 | 62 | 33 | 37 | 0.09 | 91 | 522 | 0.00 | 0 | 0 | 33 | 3.0 | 25.5 |
| 2 | 63 | 32 | 35 | 35 | 45 | 39 | 43 | 63 | 36 | 42 | 0.15 | 102 | 451 | 0.00 | 0 | 0 | 31 | 6.5 | 17.5 |
| 3 | 61 | 34 | 38 | 37 | 48 | 42 | 45 | 66 | 41 | 42 | 0.23 | 98 | 473 | 0.00 | 0 | 0 | 27 | 5.5 | 17.5 |
| 4 | 67 | 38 | 39 | 39 | 50 | 44 | 47 | 68 | 41 | 45 | 0.10 | 105 | 451 | T | 0 | 0 | 29 | 8.5 | 12.5 |
| 5 | 67 | 38 | 51 | 50 | 51 | 46 | 49 | 64 | 45 | 48 | 0.13 | 85 | 315 | 0.00 | 0 | 0 | 29 | 8.5 | 12.5 |
| 6 | 79 | 50 | 55 | 50 | 53 | 47 | 50 | 73 | 48 | 50 | 0.33 | 201 | 434 | 0.00 | 0 | 0 | 29 | 14.5 | 0.5 |
| 7 | 75 | 48 | 52 | 44 | 55 | 49 | 52 | 75 | 47 | 47 | 0.30 | 157 | 422 | 0.00 | 0 | 0 | 27 | 12.5 | 3.5 |
| 8 | 74 | 39 | 43 | 40 | 57 | 48 | 53 | 73 | 45 | 45 | 0.36 | 125 | 560 | 0.00 | 0 | 0 | 35 | 12.0 | 8.5 |
| 9 | 79 | 43 | 48 | 45 | 60 | 47 | 54 | 76 | 45 | 51 | 0.33 | 90 | 523 | 0.00 | 0 | 0 | 36 | 14.5 | 4.0 |
| 10 | 82 | 48 | 52 | 43 | 59 | 51 | 55 | 72 | 50 | 51 | 0.33 | 123 | 371 | 0.00 | 0 | 0 | 34 | 16.0 | 0.0 |
| 11 | 54 | 22 | 22 | 22 | 56 | 47 | 52 | 59 | 33 | 35 | 0.01 | 291 | 219 | 0.14 | 0.6 | 1 | 32 | 2.0 | 27.0 |
| 12 | 33 | 22 | 26 | 26 | 47 | 41 | 44 | 43 | 34 | 34 | 0.00 | 279 | 360 | T | 0 | 0 | 11 | | 37.5 |
| 13 | 48 | 25 | 33 | 31 | 49 | 38 | 44 | 49 | 34 | 39 | 0.03 | 83 | 564 | T | 0 | 0 | 23 | | 28.5 |
| 14 | 53 | 24 | 34 | 31 | 51 | 41 | 46 | 62 | 39 | 39 | 0.11 | 49 | 458 | 0.00 | 0 | 0 | 29 | 1.5 | 26.5 |
| 15 | 71 | 31 | 37 | 37 | 54 | 42 | 48 | 68 | 38 | 43 | 0.27 | 92 | 525 | 0.00 | 0 | 0 | 40 | 10.5 | 14.0 |
| 16 | 81 | 37 | 41 | 40 | 56 | 43 | 50 | 74 | 43 | 47 | 0.33 | 114 | 492 | 0.00 | 0 | 0 | 44 | 15.5 | 6.0 |
| 17 | 78 | 41 | 49 | 48 | 60 | 47 | 54 | 78 | 46 | 54 | 0.26 | 106 | 502 | 0.11 | 0 | 0 | 37 | 14.0 | 5.5 |
| 18 | 69 | 40 | 44 | 41 | 59 | 51 | 55 | 72 | 44 | 44 | 0.35 | 157 | 533 | 0.00 | 0 | 0 | 29 | 9.5 | 10.5 |
| 19 | 62 | 30 | 35 | 34 | 55 | 49 | 52 | 63 | 40 | 40 | 0.24 | 154 | 454 | T | 0 | 0 | 32 | 6.0 | 19.0 |
| 20 | 75 | 35 | 51 | 45 | 62 | 46 | 49 | 77 | 40 | 46 | 0.26 | 75 | 579 | 0.00 | 0 | 0 | 40 | 12.5 | 10.0 |
| 21 | 88 | 45 | 52 | 47 | 64 | 50 | 57 | 80 | 46 | 53 | 0.45 | 131 | 557 | 0.00 | 0 | 0 | 43 | 18.0 | -1.5 |
| 22 | 79 | 46 | 46 | 44 | 65 | 54 | 50 | 81 | 49 | 49 | 0.34 | 192 | 480 | 0.04 | 0 | 0 | 33 | 14.5 | 2.5 |
| 23 | 65 | 33 | 37 | 36 | 60 | 53 | 57 | 69 | 45 | 45 | 0.26 | 118 | 464 | 0.00 | 0 | 0 | 32 | 7.5 | 16.0 |
| 24 | 66 | 33 | 45 | 44 | 63 | 50 | 57 | 75 | 45 | 45 | 0.24 | 47 | 540 | 0.00 | 0 | 0 | 33 | 8.0 | 15.5 |
| 25 | 79 | 45 | 51 | 48 | 67 | 51 | 59 | 82 | 45 | 53 | 0.30 | 90 | 582 | 0.00 | 0 | 0 | 34 | 14.5 | 3.0 |
| 26 | 72 | 36 | 47 | 43 | 64 | 55 | 60 | 74 | 46 | 47 | 0.30 | 118 | 554 | 0.00 | 0 | 0 | 36 | 11.0 | 11.0 |
| 27 | 83 | 47 | 49 | 43 | 64 | 52 | 58 | 75 | 47 | 51 | 0.45 | 249 | 562 | 0.00 | 0 | 0 | 0 | 16.5 | 0.0 |
| 28 | 63 | 34 | 38 | 37 | 64 | 55 | 60 | 73 | 41 | 41 | 0.41 | 187 | 611 | 0.00 | 0 | 0 | 29 | 6.5 | 16.5 |
| 29 | 77 | 36 | 37 | 33 | 64 | 53 | 59 | 76 | 41 | 45 | 0.31 | 201 | 496 | 0.01 | 0 | 0 | 41 | 13.5 | 8.5 |
| 30 | 56 | 36 | 37 | 35 | 61 | 53 | 57 | 66 | 41 | 42 | 0.30 | 150 | 496 | 0.00 | 0 | 0 | 20 | 3.0 | 19.0 |
| Totals | 2055 | 1091 | 1256 | 1180 | 1707 | 1421 | 1557 | 2088 | 1268 | 1350 | 7.57 | 4060 | 14550 | 0.30 | 0.6 | | 928 | 286.0 | 377.0 |
| Avg. | 69 | 36 | 42 | 39 | 57 | 47 | 52 | 70 | 42 | 45 | 0 | 135 | 485 | | | | 31 | 10.2 | 12.6 |
| Max | 88 | 50 | 55 | 50 | 67 | 55 | 60 | 82 | 50 | 54 | 0.45 | 291 | 611 | 0.14 | | | 44 | 18.0 | 37.5 |
| Min | 33 | 22 | 22 | 22 | 44 | 37 | 41 | 43 | 33 | 34 | 0 | 47 | 219 | 0.00 | | | 0 | 1.5 | -1.5 |
| Note: Values for solar radiation and soil temperature are for preceding calendar day. All other values are 8:00 am to 8:00 am. | | | | | | | | | | | | | | | | | | | |