

Weather Data for Northwest Research-Extension Center, Colby, Kansas

Year 2019 **Note: Weather data for previous 24 hours used to calculate ET.**

| | | | | | | | | | | | Penman Alfalfa-based reference ET | | | |
|--------------------------|-----|---------|------|------|-------|--------|--------|--------|--------|--------|-----------------------------------|--------|--------|--------|
| Temperatures in degree F | | | | | | | | | | | ETcorn | | ETlawn | |
| Month | Day | Tmax | Tmin | Tdry | Twet | Solar | Wind | Rain | RH % | ETr | Today | 3 day | Today | 3 day |
| | | 8:00 AM | | | Solar | mi/day | inches | 8:00am | inches | inches | inches | inches | inches | inches |
| 4 APR | 1 | 63 | 32 | 35 | 35 | 451 | 102 | 0.00 | 100 | 0.16 | 0.00 | 0.00 | 0.13 | 0.13 |
| 4 APR | 2 | 61 | 34 | 38 | 37 | 473 | 98 | 0.00 | 91 | 0.16 | 0.00 | 0.00 | 0.13 | 0.13 |
| 4 APR | 3 | 67 | 38 | 39 | 39 | 451 | 105 | 0.00 | 100 | 0.18 | 0.00 | 0.00 | 0.14 | 0.13 |
| 4 APR | 4 | 67 | 38 | 51 | 50 | 315 | 85 | 0.00 | 93 | 0.10 | 0.00 | 0.00 | 0.08 | 0.12 |
| 4 APR | 5 | 79 | 50 | 55 | 50 | 434 | 201 | 0.00 | 71 | 0.32 | 0.00 | 0.00 | 0.26 | 0.16 |
| 4 APR | 6 | 75 | 48 | 52 | 44 | 422 | 157 | 0.00 | 52 | 0.30 | 0.00 | 0.00 | 0.24 | 0.19 |
| 4 APR | 7 | 74 | 39 | 43 | 40 | 560 | 125 | 0.00 | 77 | 0.27 | 0.00 | 0.00 | 0.21 | 0.24 |
| 4 APR | 8 | 79 | 43 | 48 | 45 | 523 | 90 | 0.00 | 80 | 0.24 | 0.00 | 0.00 | 0.19 | 0.21 |
| 4 APR | 9 | 82 | 48 | 52 | 43 | 371 | 123 | 0.00 | 46 | 0.30 | 0.00 | 0.00 | 0.24 | 0.21 |
| 4 APR | 10 | 54 | 22 | 22 | 22 | 219 | 291 | 0.14 | 100 | 0.24 | 0.00 | 0.00 | 0.20 | 0.21 |
| 4 APR | 11 | 33 | 22 | 26 | 26 | 360 | 279 | 0.00 | 100 | 0.07 | 0.00 | 0.00 | 0.05 | 0.16 |
| 4 APR | 12 | 48 | 25 | 33 | 31 | 564 | 83 | 0.00 | 81 | 0.13 | 0.00 | 0.00 | 0.10 | 0.12 |
| 4 APR | 13 | 53 | 24 | 34 | 31 | 458 | 49 | 0.00 | 72 | 0.11 | 0.00 | 0.00 | 0.09 | 0.08 |
| 4 APR | 14 | 71 | 31 | 37 | 37 | 525 | 92 | 0.00 | 100 | 0.21 | 0.00 | 0.00 | 0.16 | 0.12 |
| 4 APR | 15 | 81 | 37 | 41 | 40 | 492 | 114 | 0.00 | 92 | 0.28 | 0.00 | 0.00 | 0.22 | 0.16 |
| 4 APR | 16 | 78 | 41 | 49 | 48 | 502 | 106 | 0.11 | 93 | 0.23 | 0.00 | 0.00 | 0.18 | 0.19 |
| 4 APR | 17 | 69 | 40 | 44 | 41 | 533 | 157 | 0.00 | 78 | 0.26 | 0.00 | 0.00 | 0.21 | 0.20 |
| 4 APR | 18 | 62 | 30 | 35 | 34 | 454 | 154 | 0.00 | 91 | 0.21 | 0.00 | 0.00 | 0.16 | 0.19 |
| 4 APR | 19 | 75 | 35 | 51 | 45 | 579 | 75 | 0.00 | 63 | 0.22 | 0.00 | 0.00 | 0.18 | 0.18 |
| 4 APR | 20 | 88 | 45 | 52 | 47 | 557 | 131 | 0.00 | 69 | 0.35 | 0.00 | 0.00 | 0.28 | 0.21 |
| 4 APR | 21 | 79 | 46 | 46 | 44 | 480 | 192 | 0.04 | 86 | 0.35 | 0.00 | 0.00 | 0.28 | 0.25 |
| 4 APR | 22 | 65 | 33 | 37 | 36 | 464 | 118 | 0.00 | 91 | 0.20 | 0.00 | 0.00 | 0.16 | 0.24 |
| 4 APR | 23 | 66 | 33 | 45 | 44 | 540 | 47 | 0.00 | 93 | 0.15 | 0.00 | 0.00 | 0.12 | 0.18 |
| 4 APR | 24 | 79 | 45 | 51 | 48 | 582 | 90 | 0.00 | 81 | 0.25 | 0.00 | 0.00 | 0.20 | 0.16 |
| 4 APR | 25 | 72 | 36 | 47 | 43 | 554 | 118 | 0.00 | 73 | 0.24 | 0.00 | 0.00 | 0.19 | 0.17 |
| 4 APR | 26 | 83 | 47 | 49 | 43 | 562 | 249 | 0.00 | 61 | 0.50 | 0.00 | 0.00 | 0.40 | 0.27 |
| 4 APR | 27 | 63 | 34 | 38 | 37 | 611 | 187 | 0.00 | 91 | 0.25 | 0.00 | 0.00 | 0.20 | 0.27 |
| 4 APR | 28 | 77 | 36 | 37 | 33 | 496 | 201 | 0.01 | 66 | 0.41 | 0.00 | 0.00 | 0.33 | 0.31 |
| 4 APR | 29 | 56 | 36 | 37 | 35 | 496 | 150 | 0.00 | 83 | 0.19 | 0.00 | 0.00 | 0.16 | 0.23 |
| 4 APR | 30 | 45 | 36 | 39 | 39 | 122 | 105 | 0.00 | 100 | 0.04 | 0.00 | 0.00 | 0.03 | 0.17 |
| 5 MAY | 1 | 47 | 27 | 32 | 32 | 111 | 60 | 0.04 | 100 | 0.05 | 0.00 | 0.00 | 0.04 | 0.04 |
| 5 MAY | 2 | 59 | 32 | 48 | 48 | 457 | 86 | 0.07 | 100 | 0.09 | 0.00 | 0.00 | 0.08 | 0.05 |
| 5 MAY | 3 | 68 | 45 | 53 | 52 | 364 | 73 | 0.00 | 94 | 0.12 | 0.00 | 0.00 | 0.10 | 0.07 |
| 5 MAY | 4 | 76 | 40 | 54 | 53 | 441 | 109 | 0.07 | 94 | 0.18 | 0.00 | 0.00 | 0.15 | 0.11 |
| 5 MAY | 5 | 83 | 49 | 52 | 52 | 541 | 93 | 0.00 | 100 | 0.25 | 0.00 | 0.00 | 0.20 | 0.15 |
| 5 MAY | 6 | 56 | 44 | 44 | 44 | 97 | 127 | 1.11 | 100 | 0.07 | 0.00 | 0.00 | 0.06 | 0.14 |
| 5 MAY | 7 | 47 | 44 | 45 | 45 | 67 | 92 | 0.44 | 100 | 0.02 | 0.00 | 0.00 | 0.02 | 0.09 |
| 5 MAY | 8 | 47 | 38 | 38 | 37 | 98 | 185 | 0.52 | 91 | 0.08 | 0.00 | 0.00 | 0.07 | 0.05 |
| 5 MAY | 9 | 50 | 31 | 38 | 38 | 237 | 67 | 0.06 | 100 | 0.06 | 0.00 | 0.00 | 0.05 | 0.05 |
| 5 MAY | 10 | 54 | 36 | 44 | 43 | 364 | 93 | 0.00 | 92 | 0.10 | 0.00 | 0.00 | 0.08 | 0.06 |

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|-------|----|----|----|----|----|-----|-----|------|-----|------|------|------|------|------|
| 5 MAY | 11 | 67 | 34 | 44 | 42 | 508 | 98 | 0.00 | 85 | 0.19 | 0.00 | 0.00 | 0.15 | 0.09 |
| 5 MAY | 12 | 70 | 42 | 50 | 48 | 608 | 83 | 0.00 | 87 | 0.20 | 0.00 | 0.00 | 0.16 | 0.13 |
| 5 MAY | 13 | 81 | 49 | 57 | 56 | 583 | 95 | 0.25 | 94 | 0.24 | 0.00 | 0.00 | 0.19 | 0.17 |
| 5 MAY | 14 | 88 | 55 | 59 | 55 | 567 | 50 | 0.00 | 78 | 0.24 | 0.05 | 0.02 | 0.20 | 0.18 |
| 5 MAY | 15 | 90 | 53 | 61 | 56 | 549 | 74 | 0.00 | 74 | 0.27 | 0.05 | 0.03 | 0.22 | 0.20 |
| 5 MAY | 16 | 92 | 60 | 65 | 62 | 478 | 155 | 0.00 | 85 | 0.33 | 0.07 | 0.06 | 0.27 | 0.23 |
| 5 MAY | 17 | 87 | 40 | 53 | 50 | 441 | 211 | 0.00 | 81 | 0.40 | 0.08 | 0.07 | 0.32 | 0.27 |
| 5 MAY | 18 | 76 | 37 | 44 | 39 | 568 | 149 | 0.00 | 64 | 0.33 | 0.07 | 0.07 | 0.27 | 0.28 |
| 5 MAY | 19 | 65 | 41 | 42 | 40 | 626 | 135 | 0.00 | 84 | 0.25 | 0.05 | 0.07 | 0.20 | 0.26 |
| 5 MAY | 20 | 57 | 40 | 42 | 42 | 205 | 155 | 0.32 | 100 | 0.11 | 0.02 | 0.05 | 0.09 | 0.18 |
| 5 MAY | 21 | 48 | 34 | 40 | 39 | 102 | 152 | 0.92 | 92 | 0.05 | 0.01 | 0.03 | 0.04 | 0.11 |
| 5 MAY | 22 | 64 | 40 | 46 | 43 | 576 | 106 | 0.00 | 79 | 0.21 | 0.04 | 0.02 | 0.16 | 0.10 |