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CLIMATOLOGICAL
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E. V. SMITH, Director

AUBURN, ALABAMA

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FOREWORD

Except for the long term averages of temperature, precipitation, and evaporation, data in this publication were recorded at the Weather Bureau micro-meteorology station located at the south end of the Agronomy Farm at Auburn University. The station was established during September, 1963, with the cooperation of the Auburn University Agricultural Experiment Station and the Agronomy and Soils Department. The current Cooperative Weather Observer is Mr. Jack Jones, foreman of the Agronomy Farm.

Soil temperatures and evaporation readings are for a 24-hour period ending at 8:00 AM for the day indicated. All other readings are for a 24-hour period from midnight to midnight for the indicated date.

The sensing elements for the soil thermometers are under bare soil while all other instruments are exposed over sod.

Evaporation is measured in the Weather Bureau Class "A" pan of 4 foot diameter.

Unless otherwise indicated, units in this publication are as follows:

- Temperature in °F
- Relative humidity as a percentage
- Wind speed in miles per day
- Solar radiation in langley (gram calorie/sq. cm.)
- Precipitation and evaporation in inches

Cooling degree days are used in computing air conditioning requirements. The "base" for such computations is the mean daily temperature of 75°. These data are obtained by subtracting 75 from the mean daily temperatures, if the latter is above 75°. A day with a mean temperature of 76° is one degree day. If the daily mean temperature continues above 75° for any length of time, air conditioning or cooling will be required for human comfort.

Heating degree days are used in computing fuel requirements. The "base" for computing heating degree days is a mean daily temperature of 65°. A mean daily temperature of 64° is one degree day. If the daily mean temperature continues below 65° for any length of time, heating will be necessary for human comfort.

Sunrise and sunset are considered to occur when the upper edge of the disk of the sun appears to be exactly on the horizon, with normal atmospheric conditions, and at zero elevation above the earth's surface in a level region. Times of sunrise and sunset shown in this publication are valid for the remainder of the 20th century.

Paul A. Mott
Advisory Agricultural Meteorologist
U. S. Weather Bureau
Auburn University
Auburn, Alabama

Table 1. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for January, 1965

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 69 | 56 | 63 | - | 218 | .04 | 41.6 |
| 2 | 70 | 51 | 61 | .37 | 112 | .10 | 30.3 |
| 3 | 57 | 35 | 46 | .02 | -29 | .16 | 97.6 |
| 4 | 56 | 32 | 44 | - | 198 | Z | 120.0 |
| 5 | 61 | 34 | 48 | - | 170 | - | 53.5 |
| 6 | 65 | 43 | 54 | - | 46 | .06 | 27.0 |
| 7 | 65 | 49 | 57 | - | 63 | .03 | 29.0 |
| 8 | 70 | 45 | 58 | - | 218 | .07 | 50.5 |
| 9 | 68 | 53 | 61 | - | 127 | .14 | 59.1 |
| 10 | 62 | 38 | 50 | .10 | 61 | .06 | 112.0 |
| 11 | 47 | 36 | 42 | - | 18 | .07 | 123.9 |
| 12 | 56 | 33 | 45 | - | 165 | .03 | 54.0 |
| 13 | 56 | 37 | 47 | - | 16 | .08 | 31.0 |
| 14 | 55 | 35 | 45 | .24 | 211 | .03 | 58.5 |
| 15 | 44 | 35 | 40 | .18 | 66 | .16 | 75.0 |
| 16 | 41 | 18 | 30 | - | 58 | .03 | 101.8 |
| 17 | 32 | 16 | 24 | - | 193 | Z | 187.9 |
| 18 | 46 | 20 | 33 | - | 178 | Z | 76.8 |
| 19 | 51 | 24 | 38 | - | 188 | Z | 66.5 |
| 20 | 61 | 30 | 46 | - | 152 | Z | 30.5 |
| 21 | 67 | 36 | 52 | - | 209 | Z | 30.0 |
| 22 | 72 | 45 | 59 | - | 245 | .08 | 29.0 |
| 23 | 63 | 55 | 59 | 3.27 | -48 | - | 100.0 |
| 24 | 59 | 37 | 48 | - | 168 | .13 | 86.1 |
| 25 | 65 | 31 | 48 | - | 258 | .08 | 79.4 |
| 26 | 71 | 39 | 55 | .08 | 174 | .12 | 79.0 |
| 27 | 50 | 30 | 40 | - | 225 | .21 | 136.0 |
| 28 | 55 | 26 | 41 | - | 223 | .13 | 69.0 |
| 29 | 62 | 35 | 49 | - | 168 | .14 | 65.0 |
| 30 | 58 | 23 | 41 | .03 | 37 | Z | 129.4 |
| 31 | 37 | 14 | 26 | - | 278 | Z | 145.0 |
| Total | 1791 | 1091 | 1450 | 4.29 | 4366 | 2.51* | 2374.4 |
| Avg. | 57.8 | 35.2 | 46.8 | | | | 76.6 |

* Adjusted for full month

- No precipitation or missing data

Z Frozen, evaporation not measured

Table 2. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for February, 1965

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 54 | 24 | 39 | .23 | 12 | Z | 38.1 |
| 2 | 41 | 25 | 33 | - | 240 | Z | 126.5 |
| 3 | 48 | 20 | 34 | - | 253 | Z | 94.0 |
| 4 | 52 | 27 | 40 | - | 258 | Z | 91.5 |
| 5 | 51 | 31 | 41 | - | 162 | Z | 101.5 |
| 6 | 60 | 45 | 53 | 1.63 | -49 | - | - |
| 7 | 70 | 54 | 62 | .29 | 149 | - | - |
| 8 | 73 | 49 | 61 | - | 196 | - | - |
| 9 | 76 | 60 | 68 | .11 | 229 | .08 | - |
| 10 | 75 | 56 | 66 | - | 283 | .08 | - |
| 11 | 75 | 53 | 64 | - | 298 | .14 | - |
| 12 | 64 | 46 | 55 | 1.18 | 13 | .13 | - |
| 13 | 49 | 37 | 43 | .19 | 170 | - | - |
| 14 | 47 | 37 | 42 | .10 | 74 | .09 | - |
| 15 | 51 | 30 | 41 | - | 353 | Z | - |
| 16 | 45 | 36 | 41 | .54 | -34 | - | - |
| 17 | 49 | 41 | 45 | 1.34 | -39 | - | - |
| 18 | 65 | 44 | 55 | - | 324 | - | 103.5 |
| 19 | 66 | 39 | 53 | - | 331 | .19 | 62.5 |
| 20 | 57 | 34 | 46 | - | 257 | .09 | 120.5 |
| 21 | 65 | 42 | 54 | - | 266 | .13 | 50.2 |
| 22 | 50 | 26 | 38 | - | 316 | Z | 107.3 |
| 23 | 57 | 34 | 46 | - | 201 | - | 73.0 |
| 24 | 58 | 42 | 50 | .23 | -15 | .11 | 108.5 |
| 25 | 36 | 22 | 29 | - | 125 | Z | 200.5 |
| 26 | 55 | 21 | 38 | - | 229 | Z | 165.0 |
| 27 | 66 | 30 | 48 | - | 321 | Z | 86.9 |
| 28 | 67 | 36 | 52 | - | 303 | .09 | 50.1 |
| Total | 1622 | 1041 | 1337 | 5.84 | 5226 | 2.66* | |
| Avg. | 57.9 | 37.2 | 47.8 | | | | |

* Adjusted for full month

- No precipitation or missing data

Z Frozen, evaporation not measured

Table 3. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for March, 1965

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 64 | 45 | 55 | .62 | 61 | .11 | 56.0 |
| 2 | 72 | 56 | 64 | .46 | 366 | .01 | 88.0 |
| 3 | 58 | 51 | 55 | .56 | 28 | .15 | 73.0 |
| 4 | 52 | 29 | 41 | .04 | 116 | .13 | 77.0 |
| 5 | 39 | 27 | 33 | .06 | -7 | .04 | 92.0 |
| 6 | 41 | 28 | 35 | - | -3 | Z | 125.4 |
| 7 | 46 | 31 | 39 | - | 77 | Z | 86.8 |
| 8 | 45 | 37 | 41 | - | 73 | .01 | 82.8 |
| 9 | 64 | 29 | 47 | - | 275 | .03 | 41.0 |
| 10 | 58 | 40 | 49 | - | 276 | - | 37.0 |
| 11 | 51 | 37 | 44 | .20 | 33 | .08 | 141.0 |
| 12 | 48 | 40 | 44 | 1.22 | -31 | .04 | 56.0 |
| 13 | 50 | 38 | 44 | - | 51 | .17 | 79.6 |
| 14 | 64 | 36 | 50 | - | 398 | .05 | 25.5 |
| 15 | 70 | 44 | 57 | .02 | 215 | .07 | 17.9 |
| 16 | 78 | 50 | 64 | - | 373 | .08 | 83.0 |
| 17 | 75 | 56 | 66 | 2.25 | 115 | .04 | 74.8 |
| 18 | 73 | 47 | 60 | - | 354 | - | 98.6 |
| 19 | 57 | 35 | 46 | .15 | 355 | .13 | 83.9 |
| 20 | 43 | 30 | 37 | .02 | 409 | Z | 125.8 |
| 21 | 50 | 24 | 37 | - | 468 | Z | 126.9 |
| 22 | 62 | 30 | 46 | - | 397 | .07 | 54.5 |
| 23 | 65 | 51 | 58 | .96 | -4 | .07 | 55.5 |
| 24 | 79 | 63 | 71 | .15 | 344 | .10 | 56.6 |
| 25 | 75 | 65 | 70 | - | 158 | - | 99.4 |
| 26 | 73 | 49 | 61 | 1.15 | 56 | .09 | 101.3 |
| 27 | 65 | 44 | 55 | .05 | 337 | - | 95.1 |
| 28 | 79 | 58 | 69 | - | 441 | .16 | 31.6 |
| 29 | 74 | 60 | 67 | .05 | 181 | .11 | 42.8 |
| 30 | 72 | 57 | 65 | - | 208 | .13 | 78.5 |
| 31 | 70 | 45 | 58 | - | 328 | .14 | 73.4 |
| Total | 1912 | 1332 | 1628 | 7.96 | 6448 | 2.73* | 2360.7 |
| Avg. | 61.7 | 43.0 | 52.5 | | | | 76.2 |

* Adjusted for full month

- No precipitation or missing data

Z Frozen, evaporation not measured

Table 4. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for April, 1965

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 60 | 43 | 52 | - | 150 | .17 | 78.6 |
| 2 | 78 | 43 | 61 | - | 414 | .06 | 20.2 |
| 3 | 62 | 47 | 55 | .17 | 69 | - | 62.6 |
| 4 | 66 | 48 | 57 | .37 | 130 | .08 | 62.1 |
| 5 | 79 | 57 | 68 | - | 455 | .02 | 31.9 |
| 6 | 84 | 59 | 72 | - | 402 | .16 | 35.7 |
| 7 | 75 | 65 | 70 | - | 92 | .27 | 92.9 |
| 8 | 80 | 60 | 70 | - | 363 | .05 | 30.5 |
| 9 | 85 | 64 | 75 | - | 368 | .18 | 91.3 |
| 10 | 85 | 62 | 74 | .15 | 366 | .28 | 79.1 |
| 11 | 81 | 60 | 71 | - | 366 | - | 36.5 |
| 12 | 78 | 66 | 72 | .19 | 172 | .07 | 115.5 |
| 13 | 80 | 54 | 67 | - | 477 | .08 | 55.5 |
| 14 | 82 | 53 | 68 | - | 485 | .15 | 99.8 |
| 15 | 80 | 55 | 68 | .25 | 331 | .25 | 42.4 |
| 16 | 68 | 48 | 58 | - | 520 | .21 | 99.9 |
| 17 | 76 | 45 | 61 | - | 527 | .32 | 77.3 |
| 18 | 80 | 46 | 63 | - | 547 | .28 | 37.9 |
| 19 | 82 | 62 | 72 | .44 | 356 | .20 | 66.5 |
| 20 | 75 | 59 | 67 | - | 406 | .22 | 81.2 |
| 21 | 73 | 53 | 63 | - | 439 | .20 | 58.7 |
| 22 | 78 | 57 | 68 | - | 275 | .14 | 58.4 |
| 23 | 84 | 57 | 71 | - | 530 | .06 | 23.7 |
| 24 | 87 | 58 | 73 | - | 508 | .31 | 32.4 |
| 25 | 79 | 61 | 70 | - | 301 | .23 | 31.6 |
| 26 | 84 | 65 | 75 | - | 494 | .09 | 70.9 |
| 27 | 79 | 62 | 71 | .37 | 474 | - | 65.3 |
| 28 | 70 | 49 | 60 | - | 529 | .09 | 95.5 |
| 29 | 69 | 42 | 56 | - | 556 | .11 | 91.2 |
| 30 | 77 | 46 | 62 | - | 545 | .23 | 73.6 |
| Total | 2316 | 1646 | 1990 | 1.94 | 11647 | 4.72* | 1894.7 |
| Avg. | 77.2 | 54.9 | 66.3 | | | | 63.2 |

* Adjusted for full month

- No precipitation or missing data

Table 5. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for May, 1965

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 83 | 48 | 66 | - | 548 | .30 | 51.2 |
| 2 | 83 | 50 | 67 | - | 568 | .29 | 47.4 |
| 3 | 82 | 55 | 69 | - | 628 | .25 | 45.6 |
| 4 | 82 | 54 | 68 | - | 518 | .26 | 40.0 |
| 5 | 84 | 56 | 70 | - | 437 | .32 | 45.0 |
| 6 | 85 | 59 | 72 | - | 449 | .24 | 44.5 |
| 7 | 87 | 70 | 79 | - | 507 | .25 | 42.5 |
| 8 | 89 | 62 | 76 | - | 541 | .28 | 44.6 |
| 9 | 88 | 63 | 76 | - | 447 | .32 | 42.1 |
| 10 | 88 | 63 | 76 | - | 474 | .20 | 39.3 |
| 11 | 86 | 62 | 74 | - | 413 | .32 | 46.4 |
| 12 | 87 | 62 | 75 | - | 527 | .24 | 48.7 |
| 13 | 85 | 54 | 70 | - | 564 | .29 | 73.1 |
| 14 | 88 | 59 | 74 | - | 575 | .33 | 45.7 |
| 15 | 87 | 57 | 72 | - | 525 | .38 | 43.2 |
| 16 | 86 | 58 | 72 | - | 532 | .32 | 60.3 |
| 17 | 86 | 61 | 74 | - | 557 | .23 | 54.3 |
| 18 | 88 | 65 | 77 | - | 507 | .34 | 52.2 |
| 19 | 90 | 65 | 78 | - | 508 | .29 | 48.5 |
| 20 | 90 | 63 | 77 | - | 504 | .26 | 41.4 |
| 21 | 88 | 67 | 78 | - | 480 | .33 | 66.0 |
| 22 | 83 | 67 | 75 | .03 | 335 | .09 | 78.1 |
| 23 | 88 | 67 | 78 | - | 515 | .12 | 50.0 |
| 24 | 92 | 68 | 80 | - | 515 | .23 | 32.8 |
| 25 | 92 | 65 | 79 | - | 372 | .34 | 49.8 |
| 26 | 90 | 66 | 78 | - | 539 | .25 | 46.6 |
| 27 | 88 | 66 | 77 | - | 396 | .34 | 69.6 |
| 28 | 85 | 66 | 76 | 1.10 | 503 | .19 | 55.1 |
| 29 | 84 | 62 | 73 | - | 613 | .30 | 43.5 |
| 30 | 84 | 58 | 71 | - | 615 | .36 | 76.0 |
| 31 | 86 | 61 | 74 | - | 518 | .25 | 124.7 |
| Total | 2684 | 1899 | 2301 | 1.13 | 15730 | 8.51 | 1648.2 |
| Avg. | 86.6 | 61.3 | 74.2 | | | | 53.2 |

Table 6. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for June, 1965

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 89 | 66 | 78 | - | 513 | .33 | 34.8 |
| 2 | 89 | 69 | 79 | - | 553 | .27 | 47.9 |
| 3 | 88 | 67 | 78 | .44 | 318 | .32 | 46.2 |
| 4 | 88 | 67 | 78 | - | 359 | .24 | 39.7 |
| 5 | 81 | 65 | 73 | .18 | 313 | .27 | 63.0 |
| 6 | 84 | 67 | 76 | .19 | 422 | .15 | 57.3 |
| 7 | 80 | 68 | 74 | .18 | 157 | .14 | 52.9 |
| 8 | 85 | 63 | 74 | .28 | 310 | .10 | 50.4 |
| 9 | 83 | 67 | 75 | - | 448 | .19 | 34.6 |
| 10 | 83 | 68 | 76 | .81 | 256 | .16 | 22.4 |
| 11 | 77 | 69 | 73 | .27 | 252 | .21 | 50.1 |
| 12 | 86 | 69 | 78 | .02 | 545 | .15 | 61.1 |
| 13 | 88 | 71 | 80 | 1.79 | 454 | .27 | 54.9 |
| 14 | 85 | 66 | 76 | .43 | 438 | .10 | 52.6 |
| 15 | 82 | 67 | 75 | .26 | 343 | .13 | 62.3 |
| 16 | 79 | 66 | 73 | .20 | 459 | .09 | 39.9 |
| 17 | 73 | 62 | 68 | - | 210 | .19 | 75.7 |
| 18 | 80 | 62 | 71 | - | 604 | .08 | 37.3 |
| 19 | 79 | 58 | 69 | - | 541 | .28 | 79.5 |
| 20 | 84 | 57 | 71 | - | 579 | .22 | 26.9 |
| 21 | 86 | 59 | 73 | - | 556 | .20 | 19.3 |
| 22 | 87 | 62 | 75 | - | 455 | .26 | 30.4 |
| 23 | 87 | 62 | 75 | - | 463 | .27 | 25.8 |
| 24 | 86 | 66 | 76 | 1.55 | 302 | .26 | 35.4 |
| 25 | 87 | 65 | 76 | - | 538 | .29 | 35.4 |
| 26 | 79 | 69 | 74 | - | 269 | .24 | 53.9 |
| 27 | 83 | 68 | 76 | - | 460 | .15 | 80.6 |
| 28 | 87 | 68 | 78 | - | 555 | .18 | 53.0 |
| 29 | 90 | 68 | 79 | - | 470 | .36 | 28.1 |
| 30 | 91 | 69 | 80 | .80 | 512 | .12 | 19.9 |
| Total | 2526 | 1970 | 2257 | 7.40 | 12654 | 6.22* | 1371.3 |
| Avg. | 84.2 | 65.7 | 75.2 | | | | 45.7 |

* Adjusted for full month

Table 7. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for July, 1965.

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 89 | 68 | 79 | - | 505 | .38 | 31.8 |
| 2 | 87 | 71 | 79 | - | 540 | .23 | 41.5 |
| 3 | 90 | 70 | 80 | .11 | 459 | .30 | 37.7 |
| 4 | 90 | 68 | 79 | .31 | 506 | .21 | 34.9 |
| 5 | 86 | 68 | 77 | .52 | 361 | .25 | 41.0 |
| 6 | 88 | 68 | 78 | - | 323 | .17 | 31.3 |
| 7 | 86 | 67 | 77 | .07 | 388 | .16 | 26.7 |
| 8 | 85 | 69 | 77 | - | 463 | .19 | 41.3 |
| 9 | 87 | 68 | 78 | - | 592 | .20 | 37.3 |
| 10 | 87 | 68 | 78 | .09 | 434 | .30 | 48.2 |
| 11 | 87 | 69 | 78 | .01 | 432 | .20 | 35.7 |
| 12 | 86 | 69 | 78 | .02 | 396 | .21 | 27.5 |
| 13 | 85 | 70 | 78 | - | 402 | .20 | 48.8 |
| 14 | 87 | 69 | 78 | .10 | 243 | .22 | 33.8 |
| 15 | 87 | 70 | 79 | .04 | 389 | .18 | 26.1 |
| 16 | 88 | 69 | 78 | - | 444 | .16 | 46.2 |
| 17 | 90 | 67 | 79 | - | 550 | .27 | 38.1 |
| 18 | 94 | 67 | 81 | .07 | 537 | .33 | 26.0 |
| 19 | 92 | 66 | 79 | - | 588 | .29 | - |
| 20 | 90 | 70 | 80 | - | 537 | .33 | - |
| 21 | 90 | 72 | 81 | - | 448 | .33 | - |
| 22 | 90 | 68 | 79 | - | 499 | .25 | - |
| 23 | 88 | 68 | 78 | - | 310 | .24 | - |
| 24 | 83 | 70 | 77 | 1.67 | 298 | - | - |
| 25 | 89 | 69 | 79 | - | 504 | .10 | - |
| 26 | 91 | 71 | 81 | - | 531 | .20 | - |
| 27 | 89 | 69 | 79 | - | 453 | .31 | - |
| 28 | 88 | 72 | 80 | 1.11 | 414 | .20 | - |
| 29 | 78 | 69 | 74 | .05 | 110 | - | - |
| 30 | 87 | 68 | 78 | - | 435 | .03 | - |
| 31 | 88 | 65 | 77 | - | 519 | .25 | - |
| Total | 2722 | 2132 | 2433 | 4.17 | 13610 | 6.84* | |
| Avg. | 87.8 | 68.8 | 78.5 | | | | |

* Adjusted for full month

- No precipitation or missing data

Table 8. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for August, 1965

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 87 | 68 | 78 | - | 436 | .26 | - |
| 2 | 86 | 67 | 77 | - | 519 | .22 | - |
| 3 | 89 | 63 | 76 | - | 450 | .28 | - |
| 4 | 89 | 64 | 77 | - | 250 | .29 | - |
| 5 | 83 | 70 | 77 | .03 | 359 | .14 | - |
| 6 | 89 | 67 | 78 | - | 492 | .12 | - |
| 7 | 87 | 68 | 78 | .06 | 419 | .29 | - |
| 8 | 79 | 68 | 74 | .35 | 163 | .20 | - |
| 9 | 85 | 68 | 77 | - | 482 | .16 | - |
| 10 | 86 | 68 | 77 | - | 278 | .30 | 30.3 |
| 11 | 89 | 63 | 76 | 1.24 | 475 | .10 | 27.8 |
| 12 | 86 | 68 | 77 | - | 461 | .30 | 36.6 |
| 13 | 89 | 71 | 80 | - | 426 | .23 | 47.2 |
| 14 | 90 | 69 | 80 | - | 464 | .27 | 22.1 |
| 15 | 91 | 73 | 82 | - | 248 | .25 | 33.0 |
| 16 | 94 | 69 | 82 | - | 494 | .11 | 31.1 |
| 17 | 94 | 71 | 83 | - | 391 | .23 | 15.5 |
| 18 | 90 | 68 | 79 | - | 460 | .24 | 21.0 |
| 19 | 90 | 68 | 79 | .10 | 459 | .31 | 34.7 |
| 20 | 86 | 70 | 78 | .27 | 361 | .16 | 25.2 |
| 21 | 88 | 70 | 79 | .01 | 381 | .13 | 29.0 |
| 22 | 88 | 70 | 79 | .28 | 464 | .17 | 42.0 |
| 23 | 90 | 70 | 80 | - | 501 | .21 | 28.7 |
| 24 | 91 | 69 | 80 | - | 476 | .28 | 37.5 |
| 25 | 91 | 69 | 80 | - | 443 | .28 | 31.0 |
| 26 | 92 | 70 | 81 | - | 457 | .28 | 32.5 |
| 27 | 93 | 70 | 82 | - | 456 | .27 | 32.6 |
| 28 | 86 | 68 | 77 | - | 309 | .27 | 50.8 |
| 29 | 91 | 68 | 80 | - | 482 | .22 | 46.9 |
| 30 | 85 | 70 | 78 | - | 302 | .21 | 50.4 |
| 31 | 89 | 66 | 78 | - | 458 | .13 | 35.0 |
| Total | 2743 | 2121 | 2439 | 2.34 | 12816 | 6.91 | |
| Avg. | 88.5 | 68.4 | 78.7 | | | | |

- No precipitation or missing data

Table 9. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for September, 1965

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 92 | 64 | 78 | - | 421 | .23 | 33.5 |
| 2 | 84 | 70 | 77 | 1.27 | 95 | .09 | 52.7 |
| 3 | 77 | 65 | 71 | - | 150 | .14 | 74.2 |
| 4 | 82 | 66 | 74 | - | 363 | .16 | 79.4 |
| 5 | 86 | 66 | 76 | - | 461 | .19 | 65.0 |
| 6 | 82 | 65 | 74 | - | 481 | .25 | 54.2 |
| 7 | 84 | 61 | 73 | - | 452 | .21 | 67.0 |
| 8 | 84 | 57 | 71 | - | 485 | .28 | 60.5 |
| 9 | 85 | 66 | 76 | - | 338 | .25 | 84.1 |
| 10 | 91 | 71 | 81 | - | 402 | .14 | 95.6 |
| 11 | 90 | 72 | 81 | - | 412 | .24 | 85.8 |
| 12 | 91 | 71 | 81 | - | 329 | .21 | 77.4 |
| 13 | 90 | 72 | 81 | .03 | 432 | .19 | 41.7 |
| 14 | 90 | 66 | 78 | - | 412 | .26 | 57.7 |
| 15 | 92 | 68 | 80 | - | 350 | .22 | 32.3 |
| 16 | 87 | 69 | 78 | - | 277 | .22 | 28.9 |
| 17 | 89 | 68 | 79 | - | 283 | .13 | 28.6 |
| 18 | 89 | 69 | 79 | - | 373 | .20 | 45.4 |
| 19 | 89 | 68 | 79 | - | 460 | .19 | 59.1 |
| 20 | 90 | 68 | 79 | - | 468 | .23 | 43.5 |
| 21 | 89 | 68 | 79 | - | 372 | .21 | 41.3 |
| 22 | 89 | 68 | 79 | - | 339 | .28 | 54.0 |
| 23 | 87 | 69 | 78 | - | 270 | .17 | 45.7 |
| 24 | 81 | 66 | 74 | .05 | 231 | .18 | 38.5 |
| 25 | 78 | 51 | 65 | - | 441 | .16 | 66.8 |
| 26 | 78 | 55 | 67 | - | 230 | .29 | 44.3 |
| 27 | 75 | 64 | 70 | - | 197 | .08 | 48.9 |
| 28 | 67 | 60 | 64 | .07 | 105 | .17 | 84.8 |
| 29 | 68 | 62 | 65 | .04 | 37 | - | 83.6 |
| 30 | 75 | 68 | 72 | 5.67 | -5 | .02 | 96.9 |
| Total | 2531 | 1973 | 2259 | 7.13 | 9664 | 5.64* | 1771.4 |
| Avg. | 84.4 | 65.8 | 75.3 | | | | 59.0 |

* Adjusted for full month

- No precipitation or missing data

Table 10. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for October, 1965

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 83 | 68 | 76 | .24 | 285 | - | 76.4 |
| 2 | 82 | 63 | 73 | - | 384 | .21 | 45.9 |
| 3 | 81 | 55 | 68 | - | 399 | .20 | 53.0 |
| 4 | 75 | 51 | 63 | - | 334 | .22 | 56.7 |
| 5 | 71 | 56 | 64 | - | 130 | .19 | 53.6 |
| 6 | 66 | 57 | 62 | .75 | -6 | .13 | 67.6 |
| 7 | 68 | 60 | 64 | .02 | 99 | .04 | 84.5 |
| 8 | 78 | 55 | 67 | - | 372 | .05 | 54.8 |
| 9 | 81 | 57 | 69 | - | 359 | .21 | 60.3 |
| 10 | 79 | 57 | 68 | .07 | 364 | .23 | 38.2 |
| 11 | 78 | 49 | 64 | - | 331 | .15 | 33.8 |
| 12 | 77 | 53 | 65 | - | 227 | .16 | 18.3 |
| 13 | 81 | 57 | 69 | - | 299 | .13 | 32.8 |
| 14 | 82 | 59 | 71 | - | 308 | .14 | 24.0 |
| 15 | 81 | 59 | 70 | - | 344 | .15 | 41.9 |
| 16 | 81 | 58 | 70 | - | 327 | .17 | 34.7 |
| 17 | 81 | 60 | 71 | - | 313 | .17 | 50.0 |
| 18 | 66 | 53 | 60 | - | 202 | .20 | 69.0 |
| 19 | 68 | 57 | 63 | - | 27 | .10 | 101.2 |
| 20 | 73 | 63 | 68 | .02 | 76 | .02 | 62.3 |
| 21 | 76 | 54 | 65 | - | 142 | .04 | 34.1 |
| 22 | 69 | 46 | 58 | - | 279 | .11 | 35.4 |
| 23 | 67 | 43 | 55 | - | 202 | .17 | 45.7 |
| 24 | 60 | 43 | 52 | - | 309 | .13 | 66.8 |
| 25 | 61 | 35 | 48 | - | 287 | .14 | 72.1 |
| 26 | 69 | 34 | 52 | - | 250 | .11 | 20.4 |
| 27 | 73 | 46 | 60 | - | 282 | .13 | 36.2 |
| 28 | 73 | 47 | 60 | - | 303 | .20 | 59.6 |
| 29 | 66 | 45 | 56 | - | 279 | .23 | 94.5 |
| 30 | 67 | 42 | 55 | - | 212 | .22 | 83.7 |
| 31 | 75 | 47 | 61 | - | 290 | .12 | 18.3 |
| Total | 2288 | 1629 | 1967 | 1.10 | 8009 | 4.57* | 1625.8 |
| Avg. | 73.8 | 52.5 | 63.5 | | | | 52.4 |

* Adjusted for full month

- No precipitation or missing data

Table 11. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for November, 1965

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 77 | 50 | 64 | - | 340 | .10 | 33.8 |
| 2 | 72 | 44 | 58 | - | 253 | .26 | 75.4 |
| 3 | 74 | 47 | 61 | - | 175 | .13 | 38.1 |
| 4 | 74 | 53 | 64 | - | 177 | .09 | 25.5 |
| 5 | 75 | 58 | 67 | - | 129 | .13 | 41.1 |
| 6 | 69 | 56 | 63 | - | 112 | .19 | 65.2 |
| 7 | 76 | 52 | 64 | - | 293 | .06 | 75.5 |
| 8 | 77 | 50 | 64 | - | 263 | .07 | 28.3 |
| 9 | 76 | 52 | 64 | - | 107 | .14 | 20.6 |
| 10 | 75 | 59 | 67 | - | 159 | .07 | 14.1 |
| 11 | 62 | 55 | 59 | - | 56 | .11 | 53.6 |
| 12 | 59 | 56 | 58 | .56 | -44 | .03 | 60.7 |
| 13 | 69 | 50 | 60 | .01 | 66 | .08 | 66.1 |
| 14 | 72 | 47 | 60 | - | 240 | .05 | 32.2 |
| 15 | 65 | 50 | 58 | - | 106 | .05 | 40.2 |
| 16 | 75 | 48 | 62 | - | 193 | .04 | 22.3 |
| 17 | 62 | 35 | 49 | - | 238 | .10 | 66.1 |
| 18 | 61 | 32 | 47 | - | 205 | .22 | 106.4 |
| 19 | 63 | 36 | 50 | - | 75 | .08 | 22.7 |
| 20 | 70 | 49 | 60 | - | 214 | .13 | 15.8 |
| 21 | 77 | 51 | 64 | .03 | 80 | .08 | 60.2 |
| 22 | 69 | 58 | 64 | .57 | 189 | .09 | 78.4 |
| 23 | 67 | 44 | 56 | - | 196 | .11 | 58.7 |
| 24 | 60 | 51 | 56 | - | -24 | .12 | 34.7 |
| 25 | 65 | 51 | 58 | .06 | 27 | .10 | 41.0 |
| 26 | 76 | 57 | 67 | - | 98 | .04 | 48.3 |
| 27 | 68 | 41 | 55 | .10 | 232 | .15 | 140.3 |
| 28 | 59 | 39 | 49 | - | 85 | .16 | 46.7 |
| 29 | 52 | 38 | 45 | - | 87 | .03 | 33.2 |
| 30 | 48 | 26 | 37 | - | 175 | .07 | 40.5 |
| Total | 2044 | 1435 | 1750 | 1.33 | 4502 | 3.08 | 1485.7 |
| Avg. | 68.1 | 47.8 | 58.3 | | | | 49.5 |

Table 12. Daily temperatures, precipitation, solar radiation, evaporation, and miles of wind per day for December, 1965

| Date | Air Temperature | | | Precip. | Solar radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 52 | 23 | 38 | - | 177 | Z | 73.1 |
| 2 | 61 | 27 | 44 | - | 181 | Z | 23.5 |
| 3 | 57 | 35 | 46 | - | 16 | .07 | 16.8 |
| 4 | 60 | 35 | 48 | - | 217 | .06 | 30.9 |
| 5 | 65 | 33 | 49 | - | 197 | .17 | 44.6 |
| 6 | 67 | 41 | 54 | - | 184 | .07 | 54.8 |
| 7 | 52 | 29 | 41 | - | 141 | .21 | 104.7 |
| 8 | 60 | 26 | 43 | - | 158 | .06 | 34.4 |
| 9 | 66 | 34 | 50 | - | 104 | .10 | 36.8 |
| 10 | 69 | 33 | 51 | - | 163 | .09 | 21.5 |
| 11 | 66 | 40 | 53 | - | 125 | .13 | 17.4 |
| 12 | 63 | 52 | 58 | .95 | -34 | .07 | 55.1 |
| 13 | 66 | 57 | 62 | - | 209 | .01 | 50.9 |
| 14 | 58 | 44 | 51 | - | 1 | .13 | 43.8 |
| 15 | 56 | 48 | 52 | .25 | -30 | .03 | 31.4 |
| 16 | 56 | 52 | 54 | .15 | -62 | .01 | 21.7 |
| 17 | 55 | 42 | 49 | - | 67 | .02 | 29.2 |
| 18 | 44 | 40 | 42 | .94 | -85 | .09 | 55.1 |
| 19 | 49 | 32 | 41 | .24 | -12 | Z | 77.2 |
| 20 | 51 | 28 | 40 | - | 205 | Z | 47.8 |
| 21 | 57 | 32 | 45 | - | 151 | Z | 45.9 |
| 22 | 60 | 34 | 47 | - | 138 | .21 | 42.5 |
| 23 | 63 | 43 | 53 | - | 144 | .11 | 41.8 |
| 24 | 68 | 46 | 57 | - | 125 | .10 | 58.7 |
| 25 | 60 | 33 | 47 | .48 | 77 | .20 | 135.3 |
| 26 | 51 | 29 | 40 | - | 187 | .11 | 100.1 |
| 27 | 57 | 33 | 45 | - | 137 | .06 | 62.7 |
| 28 | 59 | 31 | 45 | - | 80 | .05 | 44.3 |
| 29 | 63 | 43 | 53 | - | 141 | .12 | 51.9 |
| 30 | 70 | 46 | 58 | - | 160 | .10 | 52.9 |
| 31 | 72 | 47 | 60 | - | 155 | .06 | 45.6 |
| Total | 1853 | 1168 | 1516 | 3.01 | 3417 | 2.79* | 1552.4 |
| Avg. | 59.8 | 37.7 | 48.9 | | | | 50.1 |

* Adjusted for full month

- No precipitation or missing data

Z Frozen, evaporation not measured

Table 13. Monthly Averages for Temperature and Precipitation from 1855-1952

| Month | Temperature | | | Precip. Average (Inches) | Evap.* Average (Inches) |
|-----------|----------------------|----------------------|-----------------|--------------------------------|-------------------------------|
| | Av. Daily Max. | Av. Daily Min. | Average (°F) | | |
| January | 59.0 | 38.9 | 49.0 | 4.80 | 2.54 |
| February | 61.6 | 40.5 | 51.1 | 5.25 | 2.84 |
| March | 67.8 | 45.7 | 56.8 | 6.13 | 4.17 |
| April | 75.4 | 52.8 | 64.1 | 4.37 | 5.55 |
| May | 83.3 | 60.4 | 71.9 | 3.55 | 8.29 |
| June | 89.5 | 67.7 | 78.6 | 4.06 | 7.33 |
| July | 90.0 | 69.9 | 80.0 | 5.34 | 7.20 |
| August | 89.7 | 69.4 | 79.6 | 4.71 | 6.61 |
| September | 86.7 | 65.4 | 76.1 | 3.20 | 5.91 |
| October | 77.9 | 54.7 | 66.3 | 2.58 | 4.45 |
| November | 66.7 | 44.3 | 55.5 | 3.48 | 3.04 |
| December | 58.9 | 39.3 | 49.1 | 5.13 | 2.34 |
| Year | 75.5 | 54.1 | 64.8 | 52.60 | 60.27 |

* Evaporation based on data from 1947 through 1950 and 1964-65.

Table 14. Six Hourly Temperature and Relative Humidity, January 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|-------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 61 | 100 | 56 | 100 | 68 | 71 | 59 | 100 | 61.0 | 92.8 |
| 2 | 52 | 100 | 52 | 100 | 66 | 86 | 64 | 89 | 58.5 | 93.8 |
| 3 | 57 | 100 | 46 | 86 | 44 | 54 | 41 | 62 | 47.0 | 75.5 |
| 4 | 35 | 72 | 32 | 65 | 53 | 27 | 41 | 60 | 40.3 | 56.0 |
| 5 | 41 | 50 | 36 | 70 | 59 | 59 | 49 | 94 | 46.3 | 68.3 |
| 6 | 44 | 100 | 45 | 100 | 61 | 62 | 55 | 96 | 51.3 | 89.5 |
| 7 | 53 | 100 | 52 | 92 | 60 | 64 | 56 | 87 | 55.3 | 85.8 |
| 8 | 50 | 100 | 46 | 100 | 66 | 56 | 60 | 92 | 55.5 | 87.0 |
| 9 | 57 | 100 | 54 | 100 | 65 | 78 | 63 | 96 | 59.8 | 93.5 |
| 10 | 61 | 100 | 62 | 100 | 46 | 87 | 40 | 94 | 52.3 | 95.3 |
| 11 | 38 | 84 | 37 | 86 | 44 | 80 | 46 | 85 | 41.3 | 83.8 |
| 12 | 38 | 96 | 34 | 98 | 51 | 55 | 45 | 96 | 42.0 | 86.3 |
| 13 | 43 | 85 | 38 | 100 | 52 | 78 | 51 | 100 | 46.0 | 90.8 |
| 14 | 45 | 100 | 36 | 95 | 51 | 34 | 45 | 51 | 44.3 | 70.0 |
| 15 | 41 | 56 | 35 | 100 | 42 | 86 | 41 | 92 | 39.8 | 83.5 |
| 16 | 40 | 100 | 32 | 100 | 28 | 70 | 22 | 65 | 30.5 | 83.8 |
| 17 | 19 | 67 | 17 | 70 | 28 | 52 | 27 | 56 | 22.8 | 61.3 |
| 18 | 22 | 64 | 21 | 72 | 42 | 42 | 37 | 44 | 30.5 | 55.5 |
| 19 | 30 | 60 | 26 | 84 | 47 | 28 | 37 | 64 | 35.0 | 59.0 |
| 20 | 34 | 64 | 34 | 100 | 55 | 58 | 47 | 90 | 42.5 | 78.0 |
| 21 | 41 | 100 | 37 | 100 | 64 | 45 | 53 | 83 | 48.8 | 82.0 |
| 22 | 49 | 83 | 46 | 97 | 69 | 47 | 63 | 66 | 56.8 | 73.3 |
| 23 | 61 | 100 | 57 | 100 | 59 | 100 | 61 | 100 | 59.5 | 100.0 |
| 24 | 56 | 100 | 56 | 100 | 54 | 52 | 42 | 90 | 52.0 | 85.5 |
| 25 | 38 | 96 | 32 | 100 | 59 | 43 | 55 | 54 | 46.0 | 73.3 |
| 26 | 53 | 100 | 60 | 100 | 69 | 34 | 57 | 40 | 59.8 | 68.5 |
| 27 | 40 | 72 | 32 | 91 | 49 | 32 | 41 | 42 | 40.5 | 59.3 |
| 28 | 30 | 94 | 28 | 100 | 53 | 34 | 47 | 38 | 39.5 | 66.5 |
| 29 | 38 | 72 | 38 | 85 | 59 | 57 | 54 | 60 | 47.3 | 68.5 |
| 30 | 57 | 100 | 57 | 96 | 54 | 62 | 33 | 85 | 50.3 | 85.8 |
| 31 | 24 | 70 | 25 | 74 | 32 | 29 | 30 | 57 | 27.8 | 57.5 |
| Avg. | 43.5 | 86.6 | 40.6 | 92.3 | 53.2 | 56.8 | 47.2 | 75.1 | | |

Table 15. Six Hourly Temperature and Relative Humidity, February 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|-------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 25 | 70 | 28 | 76 | 46 | 74 | 52 | 100 | 37.8 | 80.0 |
| 2 | 38 | 100 | 28 | 86 | 34 | 40 | 33 | 40 | 33.3 | 66.5 |
| 3 | 25 | 52 | 20 | 68 | 38 | 37 | 38 | 50 | 30.3 | 51.8 |
| 4 | 32 | 56 | 28 | 60 | 50 | 29 | 42 | 40 | 38.0 | 46.3 |
| 5 | 36 | 48 | 31 | 60 | 48 | 39 | 49 | 40 | 41.0 | 46.8 |
| 6 | 47 | 45 | 47 | 100 | 48 | 100 | 55 | 100 | 49.3 | 86.3 |
| 7 | 59 | 100 | 58 | 100 | 62 | 100 | 60 | 100 | 59.8 | 100.0 |
| 8 | 54 | 100 | 50 | 100 | 69 | 84 | 67 | 100 | 60.0 | 96.0 |
| 9 | 61 | 100 | 62 | 100 | 70 | 80 | 70 | 88 | 65.8 | 92.0 |
| 10 | 61 | 100 | 57 | 100 | 72 | 73 | 68 | 83 | 64.5 | 89.0 |
| 11 | 59 | 100 | 56 | 100 | 70 | 73 | 68 | 66 | 63.3 | 84.8 |
| 12 | 64 | 100 | 58 | 100 | 58 | 100 | 49 | 100 | 57.3 | 100.0 |
| 13 | 46 | 100 | 38 | 83 | 45 | 50 | 45 | 52 | 43.5 | 71.3 |
| 14 | 38 | 100 | 38 | 100 | 40 | 94 | 41 | 50 | 39.3 | 86.0 |
| 15 | 33 | 65 | 30 | 78 | 48 | 59 | 43 | 84 | 38.5 | 71.5 |
| 16 | 36 | 100 | 37 | 100 | 41 | 100 | 44 | 100 | 39.5 | 100.0 |
| 17 | 42 | 100 | 42 | 100 | 46 | 100 | 48 | 100 | 44.5 | 100.0 |
| 18 | 47 | 100 | 45 | 98 | 62 | 40 | 56 | 52 | 52.5 | 72.5 |
| 19 | 45 | 62 | 42 | 68 | 65 | 41 | 56 | 44 | 52.0 | 53.8 |
| 20 | 43 | 50 | 35 | 54 | 55 | 35 | 50 | 50 | 45.8 | 47.3 |
| 21 | 45 | 75 | 42 | 84 | 61 | 60 | 57 | 62 | 51.3 | 70.3 |
| 22 | 36 | 80 | 26 | 76 | 42 | 38 | 44 | 49 | 37.0 | 60.8 |
| 23 | 38 | 50 | 34 | 56 | 51 | 35 | 53 | 52 | 44.0 | 48.3 |
| 24 | 48 | 80 | 43 | 100 | 46 | 100 | 55 | 100 | 48.0 | 95.0 |
| 25 | 34 | 89 | 23 | 88 | 30 | 57 | 31 | 38 | 29.5 | 68.0 |
| 26 | 25 | 46 | 22 | 82 | 51 | 29 | 48 | 34 | 36.5 | 47.8 |
| 27 | 38 | 60 | 32 | 92 | 63 | 28 | 58 | 33 | 47.8 | 53.3 |
| 28 | 46 | 60 | 36 | 100 | 63 | 52 | 58 | 70 | 50.8 | 70.5 |
| Avg. | 42.9 | 78.1 | 38.9 | 86.0 | 52.6 | 62.4 | 51.4 | 67.0 | | |

Table 16. Six Hourly Temperature and Relative Humidity, March 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|-------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 51 | 88 | 50 | 98 | 63 | 60 | 56 | 100 | 55.0 | 86.5 |
| 2 | 58 | 100 | 59 | 100 | 70 | 58 | 64 | 76 | 62.8 | 83.5 |
| 3 | 56 | 100 | 52 | 100 | 55 | 88 | 55 | 100 | 54.5 | 97.0 |
| 4 | 52 | 100 | 42 | 100 | 36 | 77 | 34 | 68 | 41.0 | 86.3 |
| 5 | 30 | 96 | 29 | 85 | 39 | 55 | 33 | 100 | 32.8 | 84.0 |
| 6 | 33 | 100 | 30 | 82 | 38 | 88 | 40 | 84 | 35.3 | 88.5 |
| 7 | 40 | 80 | 37 | 100 | 44 | 66 | 36 | 76 | 39.3 | 80.5 |
| 8 | 32 | 100 | 33 | 100 | 41 | 74 | 42 | 77 | 37.0 | 87.8 |
| 9 | 30 | 100 | 30 | 100 | 59 | 40 | 58 | 44 | 44.3 | 71.0 |
| 10 | 50 | 61 | 42 | 68 | 54 | 41 | 52 | 44 | 49.5 | 53.5 |
| 11 | 42 | 54 | 38 | 52 | 50 | 40 | 42 | 100 | 43.0 | 61.5 |
| 12 | 41 | 100 | 42 | 100 | 47 | 100 | 45 | 100 | 43.8 | 100.0 |
| 13 | 44 | 100 | 42 | 100 | 48 | 84 | 44 | 100 | 44.5 | 96.0 |
| 14 | 40 | 100 | 38 | 100 | 59 | 60 | 56 | 74 | 48.3 | 83.5 |
| 15 | 45 | 100 | 50 | 86 | 65 | 58 | 65 | 68 | 56.3 | 78.0 |
| 16 | 56 | 86 | 52 | 80 | 73 | 42 | 70 | 50 | 62.8 | 64.5 |
| 17 | 64 | 80 | 62 | 100 | 66 | 100 | 58 | 100 | 62.5 | 95.0 |
| 18 | 56 | 100 | 54 | 100 | 68 | 68 | 66 | 58 | 61.0 | 81.5 |
| 19 | 48 | 68 | 36 | 74 | 56 | 38 | 51 | 44 | 47.8 | 56.0 |
| 20 | 36 | 100 | 30 | 66 | 40 | 50 | 36 | 36 | 35.5 | 63.0 |
| 21 | 28 | 44 | 26 | 44 | 45 | 22 | 43 | 34 | 35.5 | 36.0 |
| 22 | 31 | 64 | 32 | 58 | 55 | 26 | 57 | 32 | 43.8 | 45.0 |
| 23 | 53 | 53 | 52 | 86 | 56 | 100 | 65 | 100 | 56.5 | 84.8 |
| 24 | 63 | 100 | 64 | 100 | 77 | 66 | 72 | 77 | 69.0 | 85.8 |
| 25 | 66 | 100 | 66 | 100 | 73 | 76 | 71 | 71 | 69.0 | 86.8 |
| 26 | 67 | 100 | 65 | 100 | 70 | 100 | 58 | 100 | 65.0 | 100.0 |
| 27 | 50 | 100 | 45 | 100 | 64 | 60 | 60 | 100 | 54.8 | 90.0 |
| 28 | 58 | 100 | 60 | 100 | 78 | 60 | 70 | 95 | 66.5 | 88.8 |
| 29 | 65 | 91 | 62 | 100 | 70 | 83 | 59 | 100 | 64.0 | 93.5 |
| 30 | 57 | 100 | 57 | 100 | 71 | 60 | 64 | 82 | 62.3 | 85.5 |
| 31 | 56 | 98 | 51 | 100 | 69 | 52 | 52 | 100 | 57.0 | 87.5 |
| Avg. | 48.3 | 89.1 | 46.1 | 89.6 | 58.0 | 64.3 | 54.0 | 77.1 | | |

Table 17. Six Hourly Temperature and Relative Humidity, April 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|-------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 46 | 100 | 44 | 100 | 53 | 80 | 53 | 100 | 49.0 | 95.0 |
| 2 | 45 | 100 | 48 | 100 | 76 | 46 | 68 | 86 | 59.3 | 83.0 |
| 3 | 62 | 77 | 55 | 45 | 55 | 60 | 47 | 100 | 54.8 | 70.5 |
| 4 | 49 | 100 | 51 | 100 | 54 | 100 | 64 | 100 | 54.5 | 100.0 |
| 5 | 58 | 100 | 58 | 100 | 73 | 77 | 72 | 76 | 65.3 | 88.3 |
| 6 | 65 | 77 | 59 | 100 | 79 | 52 | 77 | 59 | 70.0 | 72.0 |
| 7 | 67 | 90 | 65 | 100 | 71 | 86 | 70 | 100 | 68.3 | 94.0 |
| 8 | 63 | 100 | 62 | 100 | 75 | 56 | 74 | 66 | 68.5 | 80.5 |
| 9 | 66 | 97 | 66 | 100 | 80 | 61 | 77 | 74 | 72.3 | 83.0 |
| 10 | 67 | 100 | 64 | 59 | 84 | 39 | 72 | 98 | 71.8 | 74.0 |
| 11 | 66 | 95 | 62 | 100 | 79 | 61 | 75 | 77 | 70.5 | 83.3 |
| 12 | 70 | 100 | 67 | 100 | 66 | 100 | 75 | 87 | 69.5 | 96.8 |
| 13 | 64 | 100 | 57 | 54 | 76 | 30 | 72 | 40 | 67.3 | 56.0 |
| 14 | 58 | 61 | 54 | 56 | 78 | 23 | 72 | 46 | 65.5 | 46.5 |
| 15 | 60 | 57 | 55 | 100 | 75 | 60 | 69 | 100 | 64.8 | 79.3 |
| 16 | 59 | 100 | 53 | 88 | 65 | 42 | 63 | 51 | 60.0 | 70.3 |
| 17 | 48 | 84 | 51 | 66 | 72 | 27 | 70 | 54 | 60.3 | 57.8 |
| 18 | 56 | 70 | 52 | 100 | 75 | 36 | 72 | 40 | 63.8 | 61.5 |
| 19 | 62 | 100 | 65 | 100 | 80 | 50 | 70 | 100 | 69.3 | 87.5 |
| 20 | 61 | 100 | 60 | 100 | 72 | 49 | 70 | 74 | 65.8 | 80.8 |
| 21 | 59 | 72 | 54 | 100 | 66 | 74 | 70 | 78 | 62.3 | 81.0 |
| 22 | 58 | 100 | 60 | 100 | 69 | 84 | 75 | 80 | 65.5 | 91.0 |
| 23 | 60 | 100 | 60 | 100 | 82 | 49 | 79 | 54 | 70.3 | 75.8 |
| 24 | 63 | 100 | 63 | 92 | 86 | 44 | 80 | 64 | 73.0 | 75.0 |
| 25 | 67 | 100 | 65 | 94 | 78 | 60 | 66 | 100 | 69.0 | 88.5 |
| 26 | 65 | 100 | 65 | 100 | 79 | 59 | 78 | 84 | 71.8 | 85.8 |
| 27 | 70 | 100 | 62 | 100 | 78 | 66 | 66 | 93 | 69.0 | 89.8 |
| 28 | 57 | 88 | 50 | 100 | 68 | 40 | 64 | 52 | 59.8 | 70.0 |
| 29 | 52 | 71 | 44 | 94 | 66 | 40 | 64 | 50 | 56.5 | 63.8 |
| 30 | 49 | 91 | 50 | 82 | 74 | 28 | 72 | 46 | 61.3 | 61.8 |
| Avg. | 59.7 | 91.0 | 57.4 | 91.0 | 72.8 | 56.0 | 69.9 | 74.3 | | |

Table 18. Six Hourly Temperature and Relative Humidity, May 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 52 | 89 | 54 | 82 | 80 | 29 | 75 | 38 | 65.3 | 59.5 |
| 2 | 58 | 74 | 56 | 82 | 81 | 29 | 75 | 38 | 67.5 | 55.8 |
| 3 | 60 | 78 | 62 | 81 | 81 | 34 | 80 | 36 | 70.8 | 57.3 |
| 4 | 59 | 90 | 56 | 100 | 79 | 26 | 79 | 32 | 68.3 | 62.0 |
| 5 | 57 | 90 | 61 | 98 | 80 | 36 | 80 | 42 | 69.5 | 66.5 |
| 6 | 62 | 84 | 60 | 100 | 82 | 35 | 79 | 43 | 70.8 | 65.5 |
| 7 | 65 | 80 | 62 | 100 | 84 | 33 | 81 | 46 | 73.0 | 64.8 |
| 8 | 65 | 91 | 66 | 80 | 86 | 36 | 84 | 46 | 75.3 | 63.3 |
| 9 | 70 | 78 | 64 | 100 | 86 | 39 | 82 | 57 | 75.5 | 68.5 |
| 10 | 70 | 95 | 66 | 90 | 85 | 40 | 80 | 46 | 75.3 | 67.8 |
| 11 | 65 | 82 | 65 | 90 | 84 | 42 | 78 | 54 | 73.0 | 67.0 |
| 12 | 66 | 100 | 66 | 94 | 84 | 45 | 78 | 50 | 73.5 | 72.3 |
| 13 | 62 | 75 | 60 | 74 | 82 | 24 | 79 | 32 | 70.8 | 51.3 |
| 14 | 62 | 66 | 64 | 75 | 85 | 26 | 80 | 44 | 72.8 | 52.8 |
| 15 | 63 | 76 | 62 | 90 | 84 | 34 | 78 | 50 | 71.8 | 62.5 |
| 16 | 63 | 83 | 66 | 70 | 84 | 40 | 79 | 54 | 73.0 | 61.8 |
| 17 | 66 | 81 | 66 | 97 | 83 | 36 | 81 | 48 | 74.0 | 65.5 |
| 18 | 68 | 78 | 66 | 100 | 86 | 44 | 81 | 48 | 75.3 | 67.5 |
| 19 | 67 | 93 | 67 | 94 | 87 | 43 | 83 | 50 | 76.0 | 70.0 |
| 20 | 68 | 94 | 65 | 94 | 86 | 40 | 82 | 46 | 75.3 | 68.5 |
| 21 | 68 | 90 | 66 | 96 | 82 | 55 | 80 | 64 | 74.0 | 76.3 |
| 22 | 69 | 84 | 69 | 98 | 81 | 93 | 70 | 100 | 72.3 | 93.8 |
| 23 | 68 | 84 | 69 | 95 | 84 | 46 | 80 | 58 | 75.3 | 70.8 |
| 24 | 68 | 86 | 73 | 80 | 88 | 42 | 78 | 76 | 76.8 | 71.0 |
| 25 | 69 | 100 | 68 | 98 | 86 | 42 | 77 | 76 | 75.0 | 79.0 |
| 26 | 71 | 100 | 70 | 100 | 88 | 44 | 84 | 54 | 78.3 | 74.5 |
| 27 | 73 | 87 | 69 | 100 | 86 | 48 | 74 | 94 | 75.5 | 82.3 |
| 28 | 66 | 100 | 70 | 95 | 83 | 63 | 72 | 100 | 72.8 | 89.5 |
| 29 | 66 | 100 | 67 | 100 | 82 | 48 | 76 | 48 | 72.8 | 74.0 |
| 30 | 62 | 62 | 64 | 62 | 80 | 30 | 78 | 44 | 71.0 | 49.5 |
| 31 | 64 | 80 | 68 | 63 | 83 | 34 | 85 | 31 | 75.0 | 52.0 |
| Avg. | 64.9 | 85.5 | 64.7 | 89.6 | 83.6 | 40.5 | 79.0 | 53.1 | | |

Table 19. Six Hourly Temperature and Relative Humidity, June 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|-------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 72 | 42 | 67 | 61 | 86 | 36 | 85 | 42 | 77.5 | 45.3 |
| 2 | 74 | 78 | 70 | 92 | 87 | 42 | 86 | 40 | 79.3 | 63.0 |
| 3 | 72 | 88 | 69 | 98 | 87 | 56 | 77 | 93 | 76.3 | 83.8 |
| 4 | 71 | 100 | 70 | 92 | 87 | 51 | 72 | 88 | 75.0 | 82.8 |
| 5 | 67 | 100 | 68 | 100 | 76 | 74 | 75 | 86 | 71.5 | 90.0 |
| 6 | 68 | 99 | 69 | 100 | 82 | 56 | 78 | 70 | 74.3 | 81.3 |
| 7 | 69 | 100 | 68 | 100 | 76 | 100 | 67 | 94 | 70.0 | 98.5 |
| 8 | 64 | 100 | 67 | 100 | 84 | 60 | 69 | 100 | 71.0 | 90.0 |
| 9 | 68 | 100 | 68 | 100 | 79 | 80 | 79 | 90 | 73.5 | 92.5 |
| 10 | 70 | 100 | 72 | 100 | 72 | 100 | 75 | 98 | 72.3 | 99.5 |
| 11 | 70 | 100 | 71 | 100 | 75 | 100 | 73 | 100 | 72.3 | 100.0 |
| 12 | 71 | 100 | 74 | 100 | 85 | 64 | 75 | 100 | 76.3 | 91.0 |
| 13 | 72 | 100 | 74 | 100 | 86 | 62 | 70 | 100 | 75.5 | 90.5 |
| 14 | 67 | 100 | 73 | 100 | 84 | 78 | 74 | 97 | 74.5 | 93.8 |
| 15 | 68 | 100 | 67 | 100 | 72 | 100 | 79 | 84 | 71.5 | 96.0 |
| 16 | 71 | 100 | 69 | 100 | 77 | 92 | 72 | 95 | 72.3 | 96.8 |
| 17 | 66 | 100 | 63 | 100 | 68 | 89 | 68 | 98 | 66.3 | 96.8 |
| 18 | 63 | 100 | 65 | 100 | 79 | 44 | 76 | 48 | 70.8 | 73.0 |
| 19 | 63 | 67 | 62 | 76 | 78 | 42 | 76 | 70 | 69.8 | 63.8 |
| 20 | 59 | 98 | 68 | 80 | 82 | 36 | 79 | 52 | 72.0 | 66.5 |
| 21 | 61 | 100 | 69 | 87 | 82 | 52 | 80 | 63 | 73.0 | 75.5 |
| 22 | 66 | 100 | 67 | 88 | 82 | 46 | 80 | 50 | 73.8 | 71.0 |
| 23 | 64 | 100 | 67 | 100 | 85 | 50 | 83 | 60 | 74.8 | 77.5 |
| 24 | 70 | 96 | 69 | 100 | 80 | 72 | 66 | 100 | 71.3 | 92.0 |
| 25 | 66 | 100 | 66 | 100 | 85 | 62 | 81 | 94 | 74.5 | 89.0 |
| 26 | 71 | 100 | 70 | 100 | 74 | 83 | 74 | 93 | 72.3 | 94.0 |
| 27 | 69 | 100 | 68 | 100 | 80 | 76 | 76 | 90 | 73.3 | 91.5 |
| 28 | 68 | 100 | 72 | 98 | 82 | 66 | 79 | 88 | 75.3 | 88.0 |
| 29 | 70 | 100 | 72 | 100 | 87 | 56 | 85 | 70 | 78.5 | 81.5 |
| 30 | 71 | 100 | 74 | 100 | 90 | 52 | 71 | 100 | 76.5 | 88.0 |
| Avg. | 68.0 | 95.6 | 68.9 | 95.7 | 81.0 | 65.9 | 76.0 | 81.8 | | |

Table 20. Six Hourly Temperature and Relative Humidity, July 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 68 | 100 | 69 | 100 | 87 | 67 | 84 | 80 | 77.0 | 86.8 |
| 2 | 73 | 93 | 74 | 96 | 86 | 68 | 81 | 80 | 78.5 | 84.3 |
| 3 | 71 | 100 | 72 | 100 | 88 | 66 | 74 | 100 | 76.3 | 91.5 |
| 4 | 69 | 100 | 72 | 100 | 88 | 60 | 72 | 100 | 75.3 | 90.0 |
| 5 | 69 | 100 | 70 | 100 | 86 | 80 | 74 | 100 | 74.8 | 95.0 |
| 6 | 69 | 100 | 68 | 100 | 86 | 70 | 74 | 100 | 74.3 | 92.5 |
| 7 | 67 | 100 | 69 | 100 | 80 | 92 | 69 | 100 | 71.3 | 98.0 |
| 8 | 68 | 100 | 69 | 100 | 84 | 68 | 74 | 100 | 73.8 | 92.0 |
| 9 | 68 | 100 | 70 | 100 | 85 | 60 | 78 | 91 | 75.3 | 87.8 |
| 10 | 69 | 100 | 72 | 98 | 84 | 68 | 80 | 86 | 76.3 | 88.0 |
| 11 | 70 | 100 | 72 | 100 | 84 | 73 | 79 | 90 | 76.3 | 90.8 |
| 12 | 69 | 100 | 72 | 100 | 85 | 74 | 81 | 84 | 76.8 | 89.5 |
| 13 | 71 | 100 | 70 | 100 | 82 | 70 | 78 | 88 | 75.3 | 89.5 |
| 14 | 70 | 100 | 72 | 98 | 84 | 66 | 76 | 100 | 75.5 | 91.0 |
| 15 | 70 | 100 | 70 | 100 | 85 | 70 | 73 | 100 | 74.5 | 92.5 |
| 16 | 70 | 100 | 70 | 100 | 85 | 72 | 81 | 83 | 76.5 | 88.8 |
| 17 | 72 | 90 | 71 | 82 | 88 | 42 | 85 | 62 | 79.0 | 69.0 |
| 18 | 71 | 98 | 74 | 74 | 92 | 40 | 88 | 68 | 81.3 | 70.0 |
| 19 | 69 | 98 | 74 | 84 | 91 | 44 | 84 | 72 | 79.5 | 74.5 |
| 20 | 73 | 94 | 71 | 98 | 86 | 58 | 82 | 78 | 78.0 | 82.0 |
| 21 | 72 | 100 | 71 | 100 | 87 | 52 | 83 | 76 | 78.3 | 82.0 |
| 22 | 70 | 100 | 69 | 94 | 83 | 48 | 84 | 72 | 76.5 | 78.5 |
| 23 | 72 | 95 | 68 | 98 | 85 | 52 | 84 | 100 | 77.3 | 86.3 |
| 24 | 70 | 100 | 70 | 100 | 77 | 88 | 77 | 100 | 73.5 | 97.0 |
| 25 | 70 | 100 | 72 | 100 | 86 | 65 | 86 | 90 | 78.5 | 88.8 |
| 26 | 72 | 100 | 71 | 100 | 89 | 56 | 80 | 94 | 78.0 | 87.5 |
| 27 | 70 | 100 | 71 | 100 | 83 | 66 | 81 | 98 | 76.3 | 91.0 |
| 28 | 72 | 100 | 71 | 100 | 82 | 76 | 76 | 100 | 75.3 | 94.0 |
| 29 | 68 | 100 | 68 | 100 | 74 | 94 | 72 | 100 | 70.5 | 98.5 |
| 30 | 68 | 100 | 69 | 100 | 83 | 72 | 78 | 100 | 74.5 | 93.0 |
| 31 | 68 | 100 | 69 | 90 | 86 | 46 | 80 | 92 | 75.8 | 82.0 |
| Avg. | 69.9 | 99.0 | 70.6 | 97.2 | 84.9 | 65.3 | 79.0 | 89.8 | | |

Table 21. Six Hourly Temperature and Relative Humidity, August 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|-------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 70 | 100 | 71 | 100 | 85 | 60 | 72 | 100 | 74.5 | 90.0 |
| 2 | 68 | 100 | 70 | 80 | 84 | 43 | 80 | 80 | 75.5 | 75.8 |
| 3 | 65 | 100 | 64 | 100 | 86 | 37 | 80 | 79 | 73.8 | 79.0 |
| 4 | 66 | 100 | 68 | 100 | 85 | 48 | 78 | 83 | 74.3 | 82.8 |
| 5 | 71 | 100 | 69 | 90 | 77 | 77 | 76 | 83 | 73.3 | 87.5 |
| 6 | 70 | 100 | 70 | 100 | 87 | 54 | 75 | 94 | 75.5 | 87.0 |
| 7 | 70 | 100 | 70 | 100 | 86 | 62 | 72 | 100 | 74.5 | 90.5 |
| 8 | 69 | 100 | 70 | 100 | 73 | 100 | 70 | 100 | 70.5 | 100.0 |
| 9 | 68 | 100 | 68 | 100 | 82 | 68 | 74 | 96 | 73.0 | 91.0 |
| 10 | 68 | 100 | 68 | 100 | 84 | 70 | 70 | 100 | 72.5 | 92.5 |
| 11 | 66 | 100 | 65 | 100 | 84 | 60 | 80 | 94 | 73.8 | 88.5 |
| 12 | 68 | 100 | 68 | 100 | 83 | 68 | 76 | 98 | 73.8 | 91.5 |
| 13 | 71 | 100 | 70 | 100 | 86 | 64 | 82 | 94 | 77.3 | 89.5 |
| 14 | 72 | 100 | 76 | 92 | 86 | 62 | 82 | 90 | 79.0 | 86.0 |
| 15 | 74 | 100 | 74 | 100 | 84 | 68 | 74 | 100 | 76.5 | 92.0 |
| 16 | 72 | 98 | 76 | 90 | 90 | 53 | 83 | 95 | 80.3 | 84.0 |
| 17 | 72 | 100 | 72 | 100 | 90 | 48 | 82 | 98 | 79.0 | 86.5 |
| 18 | 71 | 100 | 70 | 100 | 87 | 61 | 76 | 100 | 76.0 | 90.3 |
| 19 | 70 | 100 | 71 | 100 | 86 | 58 | 77 | 100 | 76.0 | 89.5 |
| 20 | 71 | 100 | 71 | 100 | 82 | 94 | 74 | 100 | 74.5 | 98.5 |
| 21 | 71 | 100 | 72 | 100 | 85 | 64 | 75 | 100 | 75.8 | 91.0 |
| 22 | 70 | 100 | 72 | 100 | 85 | 64 | 76 | 100 | 75.8 | 91.0 |
| 23 | 71 | 100 | 74 | 100 | 87 | 60 | 83 | 84 | 78.8 | 86.0 |
| 24 | 71 | 100 | 70 | 100 | 90 | 50 | 83 | 88 | 78.5 | 84.5 |
| 25 | 71 | 100 | 71 | 100 | 90 | 51 | 83 | 86 | 78.8 | 84.3 |
| 26 | 72 | 100 | 73 | 100 | 91 | 50 | 80 | 94 | 79.0 | 86.0 |
| 27 | 72 | 100 | 75 | 90 | 91 | 46 | 78 | 95 | 79.0 | 82.8 |
| 28 | 70 | 100 | 70 | 100 | 81 | 78 | 76 | 98 | 74.3 | 94.0 |
| 29 | 70 | 98 | 70 | 78 | 89 | 37 | 80 | 69 | 77.3 | 70.5 |
| 30 | 70 | 93 | 70 | 100 | 76 | 76 | 79 | 90 | 73.8 | 89.8 |
| 31 | 69 | 98 | 65 | 100 | 84 | 48 | 80 | 66 | 74.5 | 78.0 |
| Avg. | 70.0 | 99.6 | 70.4 | 97.4 | 85.0 | 60.6 | 77.6 | 92.1 | | |

Table 22. Six Hourly Temperature and Relative Humidity, September 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 68 | 80 | 66 | 92 | 90 | 44 | 83 | 68 | 76.8 | 71.0 |
| 2 | 74 | 98 | 69 | 100 | 81 | 100 | 66 | 100 | 72.5 | 99.5 |
| 3 | 66 | 100 | 65 | 100 | 74 | 92 | 71 | 100 | 69.0 | 98.0 |
| 4 | 67 | 100 | 66 | 100 | 78 | 70 | 74 | 91 | 71.3 | 90.3 |
| 5 | 69 | 98 | 67 | 100 | 82 | 56 | 76 | 86 | 73.5 | 85.0 |
| 6 | 70 | 98 | 66 | 100 | 82 | 52 | 76 | 74 | 73.5 | 81.0 |
| 7 | 68 | 84 | 61 | 100 | 79 | 48 | 75 | 60 | 70.8 | 73.0 |
| 8 | 62 | 85 | 58 | 90 | 80 | 34 | 73 | 51 | 68.3 | 65.0 |
| 9 | 67 | 68 | 68 | 100 | 82 | 73 | 77 | 92 | 73.5 | 83.3 |
| 10 | 72 | 100 | 74 | 100 | 86 | 56 | 78 | 92 | 77.5 | 87.0 |
| 11 | 72 | 100 | 73 | 100 | 87 | 51 | 80 | 66 | 78.0 | 79.3 |
| 12 | 72 | 100 | 73 | 100 | 88 | 50 | 80 | 93 | 78.3 | 85.8 |
| 13 | 72 | 100 | 72 | 100 | 88 | 48 | 80 | 74 | 78.0 | 80.5 |
| 14 | 69 | 100 | 66 | 100 | 87 | 45 | 79 | 73 | 75.3 | 79.5 |
| 15 | 70 | 96 | 70 | 94 | 92 | 42 | 79 | 84 | 77.8 | 79.0 |
| 16 | 70 | 100 | 70 | 100 | 86 | 55 | 75 | 100 | 75.3 | 88.8 |
| 17 | 69 | 100 | 70 | 100 | 86 | 54 | 76 | 92 | 75.3 | 86.5 |
| 18 | 70 | 100 | 70 | 100 | 84 | 64 | 78 | 100 | 75.5 | 91.0 |
| 19 | 69 | 100 | 68 | 100 | 82 | 50 | 84 | 56 | 75.8 | 76.5 |
| 20 | 70 | 82 | 68 | 98 | 88 | 54 | 79 | 73 | 76.3 | 76.8 |
| 21 | 71 | 98 | 68 | 100 | 86 | 46 | 78 | 84 | 75.8 | 82.0 |
| 22 | 71 | 98 | 69 | 100 | 86 | 48 | 78 | 78 | 76.0 | 81.0 |
| 23 | 70 | 100 | 70 | 100 | 86 | 57 | 71 | 100 | 74.3 | 89.3 |
| 24 | 68 | 100 | 68 | 100 | 77 | 81 | 67 | 79 | 70.0 | 90.0 |
| 25 | 58 | 82 | 55 | 70 | 77 | 21 | 61 | 60 | 62.8 | 58.3 |
| 26 | 58 | 58 | 58 | 76 | 76 | 53 | 70 | 68 | 65.5 | 63.8 |
| 27 | 66 | 70 | 64 | 74 | 73 | 63 | 69 | 74 | 68.0 | 70.3 |
| 28 | 67 | 62 | 64 | 72 | 63 | 96 | 61 | 96 | 63.8 | 81.5 |
| 29 | 62 | 93 | 62 | 94 | 65 | 92 | 66 | 93 | 63.8 | 93.0 |
| 30 | 68 | 96 | 71 | 94 | 74 | 94 | 72 | 94 | 71.3 | 94.5 |
| Avg. | 68.2 | 91.5 | 67.0 | 95.1 | 81.5 | 59.6 | 74.4 | 81.7 | | |

Table 23. Six Hourly Temperature and Relative Humidity, October 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 74 | 94 | 73 | 94 | 83 | 66 | 74 | 88 | 76.0 | 85.5 |
| 2 | 67 | 89 | 62 | 96 | 79 | 55 | 71 | 84 | 69.8 | 81.0 |
| 3 | 61 | 82 | 54 | 84 | 75 | 38 | 69 | 62 | 64.8 | 66.5 |
| 4 | 59 | 78 | 50 | 82 | 72 | 48 | 65 | 76 | 61.5 | 71.0 |
| 5 | 59 | 59 | 55 | 83 | 68 | 51 | 60 | 70 | 60.5 | 65.8 |
| 6 | 57 | 75 | 56 | 90 | 61 | 100 | 62 | 96 | 59.0 | 90.3 |
| 7 | 64 | 96 | 61 | 95 | 63 | 80 | 59 | 93 | 61.8 | 91.0 |
| 8 | 55 | 97 | 54 | 98 | 73 | 44 | 66 | 58 | 62.0 | 74.3 |
| 9 | 60 | 90 | 56 | 95 | 77 | 36 | 68 | 70 | 65.3 | 72.8 |
| 10 | 59 | 88 | 56 | 96 | 74 | 40 | 67 | 64 | 64.0 | 72.0 |
| 11 | 56 | 65 | 48 | 94 | 75 | 39 | 63 | 88 | 60.5 | 71.5 |
| 12 | 55 | 94 | 54 | 84 | 74 | 48 | 66 | 86 | 62.3 | 78.0 |
| 13 | 62 | 81 | 56 | 72 | 77 | 47 | 66 | 90 | 65.3 | 72.5 |
| 14 | 60 | 86 | 59 | 98 | 78 | 54 | 60 | 78 | 64.3 | 79.0 |
| 15 | 61 | 96 | 59 | 94 | 78 | 43 | 66 | 90 | 66.0 | 80.8 |
| 16 | 61 | 84 | 58 | 92 | 76 | 46 | 65 | 84 | 65.0 | 76.5 |
| 17 | 62 | 77 | 60 | 86 | 79 | 45 | 67 | 78 | 67.0 | 71.5 |
| 18 | 58 | 84 | 52 | 76 | 64 | 68 | 60 | 81 | 58.5 | 77.3 |
| 19 | 60 | 82 | 59 | 92 | 65 | 84 | 62 | 99 | 61.5 | 89.3 |
| 20 | 64 | 94 | 65 | 94 | 70 | 70 | 66 | 92 | 66.3 | 87.5 |
| 21 | 64 | 94 | 63 | 96 | 70 | 68 | 63 | 82 | 65.0 | 85.0 |
| 22 | 54 | 76 | 47 | 100 | 66 | 44 | 53 | 80 | 55.0 | 75.0 |
| 23 | 46 | 98 | 44 | 100 | 62 | 49 | 54 | 64 | 51.5 | 77.8 |
| 24 | 45 | 92 | 43 | 63 | 58 | 34 | 47 | 50 | 48.3 | 59.8 |
| 25 | 36 | 82 | 36 | 81 | 57 | 36 | 45 | 84 | 43.5 | 70.8 |
| 26 | 36 | 100 | 34 | 100 | 64 | 29 | 53 | 57 | 46.8 | 71.5 |
| 27 | 46 | 65 | 46 | 59 | 70 | 30 | 58 | 50 | 55.0 | 51.0 |
| 28 | 50 | 57 | 46 | 64 | 70 | 32 | 58 | 50 | 56.0 | 50.8 |
| 29 | 48 | 54 | 44 | 61 | 61 | 41 | 52 | 60 | 51.3 | 54.0 |
| 30 | 45 | 62 | 41 | 70 | 63 | 42 | 54 | 78 | 50.8 | 63.0 |
| 31 | 50 | 67 | 46 | 76 | 70 | 42 | 58 | 70 | 56.0 | 63.8 |
| Avg. | 55.9 | 81.9 | 52.8 | 86.0 | 70.1 | 50.0 | 61.2 | 75.9 | | |

Table 24. Six Hourly Temperature and Relative Humidity, November 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 51 | 70 | 50 | 72 | 72 | 24 | 60 | 44 | 58.3 | 52.5 |
| 2 | 51 | 44 | 45 | 61 | 70 | 36 | 56 | 70 | 55.5 | 52.8 |
| 3 | 52 | 56 | 47 | 86 | 68 | 54 | 59 | 83 | 56.5 | 69.8 |
| 4 | 56 | 80 | 53 | 92 | 72 | 41 | 65 | 58 | 61.5 | 67.8 |
| 5 | 60 | 66 | 58 | 76 | 72 | 44 | 65 | 56 | 63.8 | 60.5 |
| 6 | 61 | 63 | 57 | 77 | 67 | 60 | 61 | 78 | 61.5 | 69.5 |
| 7 | 58 | 84 | 54 | 88 | 74 | 40 | 62 | 62 | 62.0 | 68.5 |
| 8 | 54 | 74 | 50 | 83 | 76 | 36 | 64 | 60 | 61.0 | 63.3 |
| 9 | 54 | 86 | 52 | 92 | 72 | 52 | 63 | 78 | 60.3 | 77.0 |
| 10 | 62 | 80 | 59 | 88 | 74 | 48 | 61 | 84 | 64.0 | 75.0 |
| 11 | 54 | 94 | 55 | 84 | 60 | 66 | 56 | 82 | 56.3 | 81.5 |
| 12 | 56 | 82 | 56 | 88 | 57 | 91 | 57 | 90 | 56.5 | 87.8 |
| 13 | 56 | 90 | 56 | 90 | 62 | 70 | 58 | 80 | 58.0 | 82.5 |
| 14 | 50 | 90 | 52 | 86 | 69 | 40 | 56 | 55 | 56.8 | 67.8 |
| 15 | 51 | 92 | 51 | 91 | 60 | 73 | 57 | 88 | 54.8 | 86.0 |
| 16 | 50 | 92 | 49 | 92 | 68 | 56 | 65 | 66 | 58.0 | 76.5 |
| 17 | 62 | 82 | 60 | 90 | 60 | 24 | 47 | 36 | 57.3 | 58.0 |
| 18 | 36 | 64 | 32 | 69 | 56 | 32 | 49 | 48 | 43.3 | 53.3 |
| 19 | 38 | 84 | 46 | 52 | 60 | 28 | 52 | 68 | 49.0 | 58.0 |
| 20 | 51 | 68 | 50 | 78 | 68 | 39 | 55 | 78 | 56.0 | 65.8 |
| 21 | 51 | 88 | 58 | 89 | 72 | 58 | 67 | 64 | 62.0 | 74.8 |
| 22 | 65 | 76 | 57 | 78 | 67 | 54 | 57 | 62 | 61.5 | 67.5 |
| 23 | 49 | 74 | 44 | 88 | 65 | 38 | 51 | 68 | 52.3 | 67.0 |
| 24 | 53 | 54 | 50 | 64 | 60 | 56 | 53 | 68 | 54.0 | 60.5 |
| 25 | 54 | 56 | 51 | 79 | 60 | 64 | 58 | 70 | 55.8 | 67.3 |
| 26 | 58 | 74 | 58 | 86 | 73 | 58 | 68 | 74 | 64.3 | 73.0 |
| 27 | 64 | 84 | 54 | 74 | 62 | 34 | 48 | 48 | 57.0 | 60.0 |
| 28 | 41 | 56 | 40 | 63 | 58 | 30 | 50 | 47 | 47.3 | 49.0 |
| 29 | 42 | 72 | 40 | 68 | 52 | 33 | 39 | 50 | 43.3 | 55.8 |
| 30 | 31 | 64 | 28 | 72 | 46 | 32 | 38 | 44 | 35.8 | 53.0 |
| Avg. | 52.4 | 74.6 | 50.4 | 79.9 | 65.1 | 47.0 | 56.6 | 65.3 | | |

Table 25. Six Hourly Temperature and Relative Humidity, December 1965

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|-------|------|---------|------|---------|------|
| | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. | Temp. | R.H. |
| 1 | 29 | 70 | 24 | 84 | 50 | 36 | 36 | 70 | 34.8 | 65.0 |
| 2 | 36 | 64 | 28 | 94 | 58 | 28 | 43 | 72 | 41.3 | 64.5 |
| 3 | 38 | 76 | 36 | 74 | 53 | 54 | 50 | 82 | 44.3 | 71.5 |
| 4 | 48 | 77 | 42 | 94 | 58 | 30 | 48 | 37 | 49.0 | 59.5 |
| 5 | 35 | 67 | 39 | 57 | 62 | 24 | 53 | 36 | 47.3 | 46.0 |
| 6 | 47 | 50 | 43 | 64 | 66 | 38 | 49 | 31 | 51.3 | 45.8 |
| 7 | 34 | 62 | 30 | 76 | 49 | 40 | 38 | 68 | 37.8 | 61.5 |
| 8 | 32 | 86 | 28 | 100 | 56 | 35 | 47 | 48 | 40.8 | 67.3 |
| 9 | 40 | 57 | 37 | 70 | 62 | 30 | 49 | 54 | 47.0 | 52.8 |
| 10 | 38 | 78 | 34 | 86 | 67 | 29 | 48 | 60 | 46.8 | 63.3 |
| 11 | 45 | 64 | 46 | 70 | 64 | 48 | 56 | 60 | 52.8 | 60.5 |
| 12 | 55 | 86 | 52 | 90 | 57 | 99 | 57 | 97 | 55.3 | 93.0 |
| 13 | 60 | 97 | 56 | 90 | 65 | 56 | 56 | 60 | 59.3 | 75.8 |
| 14 | 49 | 72 | 45 | 90 | 56 | 56 | 51 | 92 | 50.3 | 77.5 |
| 15 | 49 | 90 | 49 | 96 | 55 | 90 | 53 | 99 | 51.5 | 93.8 |
| 16 | 53 | 98 | 53 | 98 | 55 | 99 | 56 | 99 | 54.3 | 98.5 |
| 17 | 54 | 98 | 51 | 97 | 52 | 70 | 47 | 86 | 51.0 | 87.8 |
| 18 | 42 | 92 | 43 | 74 | 41 | 94 | 40 | 96 | 41.5 | 89.0 |
| 19 | 40 | 92 | 40 | 90 | 44 | 74 | 42 | 78 | 41.5 | 83.5 |
| 20 | 32 | 84 | 30 | 78 | 48 | 44 | 45 | 58 | 38.8 | 66.0 |
| 21 | 38 | 82 | 34 | 99 | 54 | 32 | 46 | 53 | 43.0 | 66.5 |
| 22 | 35 | 82 | 38 | 68 | 57 | 33 | 46 | 52 | 44.0 | 58.8 |
| 23 | 44 | 52 | 44 | 57 | 60 | 34 | 52 | 77 | 50.0 | 55.0 |
| 24 | 51 | 82 | 47 | 93 | 66 | 53 | 62 | 65 | 56.5 | 73.3 |
| 25 | 60 | 98 | 47 | 82 | 47 | 62 | 40 | 61 | 48.5 | 75.8 |
| 26 | 33 | 63 | 30 | 80 | 49 | 41 | 41 | 64 | 38.3 | 62.0 |
| 27 | 38 | 60 | 34 | 60 | 53 | 38 | 44 | 82 | 42.3 | 60.0 |
| 28 | 40 | 80 | 33 | 83 | 56 | 34 | 47 | 76 | 44.0 | 68.3 |
| 29 | 49 | 49 | 44 | 64 | 61 | 47 | 53 | 76 | 51.8 | 59.0 |
| 30 | 48 | 92 | 46 | 98 | 67 | 58 | 58 | 70 | 54.8 | 79.5 |
| 31 | 52 | 93 | 50 | 99 | 70 | 54 | 60 | 78 | 58.0 | 81.0 |
| Avg. | 43.4 | 77.2 | 40.4 | 82.4 | 56.7 | 50.3 | 48.8 | 68.9 | | |

Table 26. Soil Temperature and Wind, January 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 70 | 59 | 64 | 55 | 64 | 57 | E | 77 |
| 2 | 67 | 56 | 61 | 55 | 61 | 57 | SW | 99 |
| 3 | 52 | 53 | 54 | 54 | 56 | 57 | N | 195 |
| 4 | 58 | 37 | 53 | 40 | 51 | 43 | E | 123 |
| 5 | 62 | 38 | 56 | 38 | 54 | 42 | E | 58 |
| 6 | 64 | 41 | 57 | 41 | 55 | 42 | W | 30 |
| 7 | 62 | 48 | 59 | 46 | 57 | 48 | SE | 102 |
| 8 | 67 | 49 | 60 | 49 | 59 | 51 | S | 98 |
| 9 | 68 | 49 | 61 | 48 | 60 | 50 | S | 116 |
| 10 | 60 | 57 | 59 | 55 | 59 | 55 | NW | 225 |
| 11 | 52 | 45 | 50 | 46 | 50 | 48 | E | 106 |
| 12 | 62 | 39 | 55 | 41 | 53 | 44 | E | 74 |
| 13 | 57 | 39 | 52 | 39 | 51 | 43 | W | 58 |
| 14 | 60 | 41 | 54 | 43 | 52 | 45 | N | 122 |
| 15 | 51 | 41 | 48 | 42 | 47 | 44 | E | 140 |
| 16 | 41 | 40 | 41 | 41 | 44 | 44 | NW | 310 |
| 17 | 40 | 33 | 41 | 35 | 44 | 37 | NW | 171 |
| 18 | 47 | 33 | 43 | 34 | 41 | 36 | W | 111 |
| 19 | 53 | 33 | 47 | 33 | 45 | 36 | SE | 63 |
| 20 | 58 | 35 | 52 | 35 | 49 | 36 | SE | 42 |
| 21 | 65 | 38 | 57 | 36 | 54 | 38 | E | 34 |
| 22 | 66 | 40 | 59 | 40 | 56 | 41 | S | 166 |
| 23 | 60 | 46 | 57 | 46 | 56 | 47 | SE | 110 |
| 24 | 61 | 57 | 58 | 55 | 56 | 56 | W | 168 |
| 25 | 64 | 42 | 58 | 44 | 56 | 46 | S | 91 |
| 26 | 68 | 42 | 62 | 42 | 59 | 45 | W | 217 |
| 27 | 56 | 40 | 52 | 43 | 50 | 45 | NW | 134 |
| 28 | 56 | 37 | 51 | 39 | 49 | 41 | SW | 89 |
| 29 | 58 | 37 | 52 | 37 | 50 | 40 | W | 150 |
| 30 | 58 | 40 | 53 | 39 | 52 | 40 | NW | 227 |
| 31 | 49 | 34 | 44 | 35 | 43 | 38 | NW | 112 |
| Total | 1812 | 1319 | 1670 | 1326 | 1633 | 1392 | | 3818 |
| Avg. | 58.5 | 42.5 | 53.9 | 42.8 | 52.7 | 44.9 | E | 123.2 |

Table 27. Soil Temperature and Wind, February 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 48 | 34 | 45 | 34 | 44 | 38 | S | 151 |
| 2 | 52 | 35 | 46 | 35 | 45 | 32 | N | 157 |
| 3 | 52 | 35 | 45 | 36 | 42 | 37 | N | 125 |
| 4 | 54 | 35 | 47 | 35 | 45 | 36 | NE | 165 |
| 5 | 49 | 35 | 43 | 35 | 43 | 36 | E | 147 |
| 6 | 57 | 36 | 54 | 36 | 52 | 37 | E | 189 |
| 7 | 67 | 46 | 60 | 44 | 58 | 43 | S | 75 |
| 8 | 70 | 53 | 63 | 52 | 61 | 52 | S | 73 |
| 9 | 73 | 53 | 66 | 52 | 64 | 51 | S | 130 |
| 10 | 72 | 59 | 67 | 58 | 65 | 58 | S | 108 |
| 11 | 71 | 58 | 67 | 57 | 63 | 57 | S | 148 |
| 12 | 64 | 59 | 61 | 57 | 61 | 57 | W | 106 |
| 13 | 57 | 49 | 54 | 50 | 54 | 52 | N | 122 |
| 14 | 52 | 47 | 48 | 47 | 50 | 49 | N | 105 |
| 15 | 59 | 37 | 53 | 40 | 51 | 41 | E | 142 |
| 16 | 48 | 37 | 45 | 37 | 46 | 40 | NE | 111 |
| 17 | 50 | 43 | 47 | 43 | 48 | 44 | N | 153 |
| 18 | 68 | 46 | 60 | 45 | 57 | 46 | N | 122 |
| 19 | 66 | 44 | 60 | 45 | 57 | 47 | NW | 162 |
| 20 | 62 | 40 | 55 | 42 | 54 | 45 | E | 121 |
| 21 | 66 | 43 | 59 | 42 | 56 | 44 | W | 148 |
| 22 | 60 | 38 | 54 | 40 | 56 | 44 | N | 122 |
| 23 | 55 | 38 | 50 | 39 | 48 | 42 | E | 180 |
| 24 | 54 | 38 | 52 | 38 | 50 | 41 | E | 268 |
| 25 | 45 | 37 | 43 | 38 | 43 | 41 | W | 340 |
| 26 | 54 | 34 | 48 | 36 | 46 | 38 | W | 151 |
| 27 | 65 | 35 | 57 | 34 | 53 | 37 | W | 78 |
| 28 | 68 | 43 | 60 | 42 | 56 | 40 | SE | 76 |
| Total | 1658 | 1187 | 1509 | 1189 | 1468 | 1225 | | 3975 |
| Avg. | 59.2 | 42.4 | 53.9 | 42.5 | 52.4 | 43.8 | N | 142.0 |

Table 28. Soil Temperature and Wind, March 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 59 | 48 | 56 | 44 | 55 | 44 | E | 160 |
| 2 | 73 | 50 | 67 | 49 | 64 | 49 | W | 111 |
| 3 | 60 | 58 | 57 | 56 | 58 | 54 | E | 117 |
| 4 | 53 | 51 | 52 | 52 | 54 | 54 | W | 159 |
| 5 | 44 | 37 | 42 | 40 | 43 | 42 | W | 157 |
| 6 | 44 | 38 | 40 | 38 | 41 | 40 | W | 163 |
| 7 | 52 | 37 | 46 | 36 | 45 | 38 | W | 120 |
| 8 | 49 | 38 | 45 | 38 | 44 | 40 | W | 93 |
| 9 | 62 | 37 | 55 | 37 | 52 | 39 | W | 123 |
| 10 | 63 | 37 | 55 | 36 | 52 | 38 | N | 124 |
| 11 | 55 | 42 | 48 | 43 | 47 | 45 | E | 76 |
| 12 | 51 | 42 | 47 | 42 | 47 | 44 | E | 128 |
| 13 | 54 | 46 | 49 | 44 | 50 | 45 | E | 67 |
| 14 | 68 | 45 | 60 | 45 | 57 | 46 | W | 64 |
| 15 | 70 | 48 | 62 | 45 | 58 | 45 | N | 77 |
| 16 | 77 | 51 | 68 | 49 | 65 | 48 | E | 117 |
| 17 | 73 | 55 | 67 | 52 | 63 | 51 | S | 170 |
| 18 | 77 | 60 | 70 | 59 | 67 | 59 | N | 103 |
| 19 | 69 | 47 | 62 | 50 | 60 | 52 | N | 169 |
| 20 | 59 | 42 | 54 | 45 | 53 | 47 | N | 212 |
| 21 | 60 | 37 | 53 | 39 | 52 | 42 | NE | 118 |
| 22 | 66 | 37 | 58 | 37 | 55 | 39 | SE | 104 |
| 23 | 60 | 41 | 58 | 38 | 58 | 40 | S | 68 |
| 24 | 78 | 52 | 69 | 50 | 67 | 50 | SW | 131 |
| 25 | 72 | 65 | 67 | 57 | 66 | 56 | S | 152 |
| 26 | 72 | 66 | 66 | 64 | 66 | 63 | S | 130 |
| 27 | 75 | 55 | 67 | 58 | 66 | 58 | N | 90 |
| 28 | 85 | 56 | 75 | 55 | 72 | 55 | S | 65 |
| 29 | 76 | 64 | 70 | 62 | 69 | 61 | N | 129 |
| 30 | 77 | 63 | 69 | 62 | 68 | 62 | N | 106 |
| 31 | 80 | 59 | 72 | 59 | 68 | 60 | E | 133 |
| Total | 2013 | 1504 | 1826 | 1481 | 1782 | 1506 | | 3736 |
| Avg. | 64.9 | 48.5 | 58.9 | 47.8 | 57.5 | 48.6 | N | 120.5 |

Table 29. Soil Temperature and Wind, April 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 67 | 55 | 62 | 58 | 61 | 58 | E | 66 |
| 2 | 81 | 52 | 71 | 53 | 68 | 54 | N | 60 |
| 3 | 61 | 57 | 58 | 53 | 60 | 53 | E | 154 |
| 4 | 72 | 55 | 63 | 56 | 62 | 57 | E | 64 |
| 5 | 81 | 58 | 74 | 56 | 70 | 55 | S | 81 |
| 6 | 81 | 62 | 73 | 59 | 71 | 59 | SW | 116 |
| 7 | 76 | 65 | 69 | 63 | 69 | 62 | W | 59 |
| 8 | 80 | 65 | 72 | 66 | 70 | 66 | W | 111 |
| 9 | 84 | 65 | 75 | 64 | 75 | 64 | W | 135 |
| 10 | 86 | 66 | 77 | 66 | 76 | 67 | S | 75 |
| 11 | 81 | 67 | 75 | 66 | 74 | 67 | S | 141 |
| 12 | 80 | 69 | 73 | 67 | 72 | 67 | W | 108 |
| 13 | 81 | 60 | 73 | 62 | 73 | 64 | N | 132 |
| 14 | 86 | 57 | 77 | 59 | 75 | 62 | NE | 101 |
| 15 | 80 | 60 | 73 | 59 | 72 | 60 | SW | 132 |
| 16 | 78 | 61 | 72 | 62 | 71 | 64 | W | 116 |
| 17 | 84 | 54 | 75 | 58 | 73 | 60 | W | 102 |
| 18 | 87 | 57 | 78 | 59 | 75 | 60 | SW | 67 |
| 19 | 87 | 65 | 79 | 60 | 77 | 61 | W | 97 |
| 20 | 82 | 67 | 75 | 66 | 75 | 67 | N | 83 |
| 21 | 82 | 62 | 73 | 63 | 72 | 64 | E | 126 |
| 22 | 82 | 62 | 75 | 61 | 73 | 61 | E | 58 |
| 23 | 93 | 62 | 84 | 65 | 81 | 65 | N | 44 |
| 24 | 93 | 67 | 83 | 65 | 82 | 65 | S | 46 |
| 25 | 87 | 69 | 80 | 70 | 78 | 70 | S | 123 |
| 26 | 93 | 71 | 84 | 70 | 82 | 71 | S | 96 |
| 27 | 89 | 70 | 82 | 71 | 80 | 71 | W | 155 |
| 28 | 83 | 61 | 72 | 65 | 75 | 66 | NW | 157 |
| 29 | 83 | 55 | 75 | 60 | 73 | 62 | N | 129 |
| 30 | 88 | 55 | 79 | 59 | 77 | 61 | N | 97 |
| Total | 2468 | 1851 | 2231 | 1861 | 2192 | 1883 | | 3031 |
| Avg. | 82.3 | 61.7 | 74.4 | 62.0 | 73.1 | 62.8 | W | 101.0 |

Table 30. Soil Temperature and Wind, May 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 93 | 59 | 85 | 60 | 81 | 61 | W | 71 |
| 2 | 95 | 62 | 87 | 64 | 82 | 65 | W | 71 |
| 3 | 96 | 65 | 89 | 67 | 85 | 67 | S | 68 |
| 4 | 97 | 66 | 87 | 68 | 84 | 69 | S | 67 |
| 5 | 94 | 67 | 84 | 68 | 83 | 70 | N | 76 |
| 6 | 95 | 68 | 86 | 69 | 83 | 70 | SW | 65 |
| 7 | 100 | 70 | 90 | 70 | 87 | 71 | S | 60 |
| 8 | 102 | 71 | 92 | 73 | 88 | 74 | N | 71 |
| 9 | 97 | 73 | 90 | 74 | 87 | 74 | S | 68 |
| 10 | 101 | 74 | 92 | 77 | 87 | 78 | S | 68 |
| 11 | 97 | 72 | 88 | 74 | 86 | 75 | W | 85 |
| 12 | 98 | 73 | 87 | 74 | 86 | 76 | N | 125 |
| 13 | 100 | 68 | 91 | 71 | 87 | 79 | N | 89 |
| 14 | 101 | 70 | 91 | 71 | 89 | 72 | S | 68 |
| 15 | 98 | 71 | 91 | 74 | 87 | 74 | S | 116 |
| 16 | 98 | 71 | 90 | 74 | 87 | 75 | S | 93 |
| 17 | 100 | 72 | 90 | 75 | 88 | 74 | W | 78 |
| 18 | 102 | 75 | 91 | 75 | 89 | 75 | W | 79 |
| 19 | 101 | 75 | 93 | 76 | 89 | 77 | W | 76 |
| 20 | 101 | 75 | 92 | 76 | 90 | 78 | S | 92 |
| 21 | 97 | 76 | 92 | 77 | 88 | 78 | E | 130 |
| 22 | 94 | 76 | 87 | 77 | 85 | 78 | E | 106 |
| 23 | 97 | 73 | 89 | 74 | 87 | 76 | SE | 84 |
| 24 | 103 | 75 | 94 | 76 | 91 | 76 | E | 95 |
| 25 | 104 | 76 | 94 | 77 | 90 | 78 | E | 82 |
| 26 | 103 | 77 | 94 | 78 | 92 | 79 | S | 101 |
| 27 | 100 | 77 | 92 | 79 | 89 | 80 | W | 100 |
| 28 | 94 | 77 | 87 | 78 | 86 | 79 | W | 69 |
| 29 | 93 | 74 | 87 | 76 | 84 | 77 | N | 102 |
| 30 | 90 | 65 | 83 | 68 | 82 | 72 | N | 101 |
| 31 | 94 | 68 | 86 | 71 | 84 | 72 | E | 77 |
| Total | 3035 | 2211 | 2771 | 2261 | 2683 | 2299 | | 2633 |
| Avg. | 97.9 | 71.3 | 89.4 | 72.9 | 86.5 | 74.2 | S | 84.9 |

Table 31. Soil Temperature and Wind, June 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 96 | 70 | 89 | 72 | 86 | 73 | S | 104 |
| 2 | 102 | 75 | 93 | 77 | 91 | 74 | W | 77 |
| 3 | 98 | 75 | 90 | 76 | 87 | 78 | W | 70 |
| 4 | 97 | 74 | 89 | 76 | 87 | 78 | E | 89 |
| 5 | 86 | 74 | 81 | 74 | 81 | 76 | E | 107 |
| 6 | 92 | 73 | 83 | 73 | 82 | 75 | SE | 119 |
| 7 | 82 | 75 | 78 | 74 | 78 | 74 | E | 88 |
| 8 | 90 | 69 | 84 | 69 | 81 | 72 | E | 59 |
| 9 | 89 | 74 | 83 | 72 | 82 | 72 | E | 55 |
| 10 | 87 | 74 | 81 | 72 | 80 | 73 | SE | 67 |
| 11 | 81 | 75 | 76 | 74 | 78 | 75 | E | 123 |
| 12 | 94 | 76 | 87 | 73 | 85 | 76 | W | 93 |
| 13 | 94 | 78 | 87 | 76 | 86 | 77 | W | 95 |
| 14 | 90 | 75 | 82 | 74 | 82 | 76 | S | 88 |
| 15 | 85 | 74 | 80 | 73 | 80 | 75 | E | 77 |
| 16 | 88 | 74 | 82 | 73 | 82 | 74 | NE | 118 |
| 17 | 81 | 72 | 76 | 72 | 76 | 74 | E | 91 |
| 18 | 88 | 70 | 82 | 70 | 82 | 72 | N | 111 |
| 19 | 89 | 65 | 81 | 66 | 80 | 69 | E | 91 |
| 20 | 91 | 67 | 83 | 66 | 82 | 69 | S | 38 |
| 21 | 94 | 69 | 86 | 69 | 84 | 72 | S | 52 |
| 22 | 97 | 72 | 90 | 71 | 86 | 72 | S | 52 |
| 23 | 99 | 72 | 91 | 74 | 88 | 74 | S | 47 |
| 24 | 94 | 76 | 87 | 74 | 86 | 75 | W | 63 |
| 25 | 94 | 72 | 88 | 73 | 86 | 76 | W | 63 |
| 26 | 85 | 75 | 80 | 73 | 81 | 75 | E | 150 |
| 27 | 91 | 74 | 83 | 74 | 83 | 76 | E | 132 |
| 28 | 96 | 74 | 90 | 73 | 87 | 75 | E | 81 |
| 29 | 99 | 75 | 91 | 75 | 88 | 75 | W | 42 |
| 30 | 100 | 77 | 93 | 76 | 90 | 71 | W | 79 |
| Total | 2749 | 2195 | 2546 | 2184 | 2507 | 2223 | | 2521 |
| Avg. | 91.6 | 73.2 | 84.9 | 72.8 | 83.6 | 74.1 | E | 84.0 |

Table 32. Soil Temperature and Wind, July 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 94 | 76 | 92 | 77 | 87 | 78 | NE | 56 |
| 2 | 96 | 76 | 92 | 77 | 89 | 78 | SE | 96 |
| 3 | 98 | 78 | 93 | 78 | 89 | 79 | W | 64 |
| 4 | 99 | 76 | 93 | 77 | 90 | 79 | W | 66 |
| 5 | 93 | 76 | 85 | 78 | 85 | 79 | W | 61 |
| 6 | 95 | 75 | 88 | 74 | 86 | 78 | S | 50 |
| 7 | 94 | 75 | 85 | 74 | 84 | 76 | S | 72 |
| 8 | 97 | 76 | 89 | 75 | 87 | 77 | W | 54 |
| 9 | 97 | 77 | 91 | 75 | 89 | 77 | SW | 80 |
| 10 | 93 | 76 | 88 | 77 | 87 | 78 | W | 69 |
| 11 | 97 | 78 | 91 | 78 | 90 | 79 | W | 47 |
| 12 | 98 | 79 | 91 | 79 | 89 | 80 | E | 67 |
| 13 | 96 | 78 | 90 | 78 | 89 | 80 | E | 97 |
| 14 | 98 | 77 | 90 | 77 | 88 | 80 | E | 41 |
| 15 | 97 | 77 | 91 | 77 | 88 | 79 | W | 78 |
| 16 | 98 | 77 | 92 | 77 | 89 | 79 | W | 68 |
| 17 | 103 | 76 | 97 | 77 | 94 | 79 | N | 86 |
| 18 | 108 | 77 | 100 | 79 | 97 | 80 | N | 66 |
| 19 | 105 | 78 | 99 | 79 | 96 | 82 | N | 73 |
| 20 | 107 | 79 | 99 | 80 | 96 | 81 | E | 120 |
| 21 | 105 | 79 | 98 | 79 | 95 | 82 | E | 90 |
| 22 | 106 | 78 | 97 | 81 | 96 | 82 | S | 53 |
| 23 | 100 | 80 | 93 | 81 | 93 | 83 | W | 48 |
| 24 | 91 | 78 | 86 | 79 | 86 | 82 | W | 55 |
| 25 | 95 | 78 | 90 | 77 | 88 | 80 | S | 56 |
| 26 | 99 | 78 | 93 | 79 | 91 | 80 | S | 51 |
| 27 | 99 | 79 | 93 | 79 | 91 | 80 | S | 36 |
| 28 | 95 | 80 | 89 | 80 | 90 | 82 | S | 74 |
| 29 | 82 | 78 | 80 | 77 | 81 | 80 | W | 26 |
| 30 | 94 | 77 | 87 | 76 | 86 | 78 | N | 33 |
| 31 | 96 | 75 | 90 | 76 | 88 | 77 | W | 34 |
| Total | 3025 | 2397 | 2832 | 2407 | 2774 | 2464 | | 1967 |
| Avg. | 97.6 | 77.3 | 91.4 | 77.6 | 89.5 | 79.5 | W | 63.5 |

Table 33. Soil Temperature and Wind, August 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 94 | 77 | 88 | 78 | 87 | 79 | W | 52 |
| 2 | 95 | 74 | 88 | 76 | 87 | 78 | N | 61 |
| 3 | 99 | 73 | 91 | 75 | 89 | 76 | W | 31 |
| 4 | 93 | 75 | 86 | 75 | 85 | 77 | W | 21 |
| 5 | 91 | 77 | 85 | 77 | 85 | 78 | N | 77 |
| 6 | 102 | 75 | 94 | 76 | 91 | 78 | S | 48 |
| 7 | 100 | 78 | 92 | 76 | 89 | 78 | S | 70 |
| 8 | 85 | 77 | 81 | 77 | 81 | 80 | S | 52 |
| 9 | 93 | 75 | 87 | 75 | 85 | 77 | S | 62 |
| 10 | 96 | 75 | 88 | 74 | 86 | 75 | W | 50 |
| 11 | 100 | 73 | 91 | 74 | 88 | 76 | S | 50 |
| 12 | 94 | 76 | 87 | 75 | 82 | 75 | E | 90 |
| 13 | 97 | 79 | 91 | 76 | 90 | 77 | S | 39 |
| 14 | 96 | 78 | 91 | 78 | 89 | 77 | N | 60 |
| 15 | 95 | 79 | 88 | 80 | 86 | 81 | N | 69 |
| 16 | 100 | 77 | 94 | 78 | 91 | 79 | E | 36 |
| 17 | 102 | 79 | 95 | 78 | 92 | 79 | S | 35 |
| 18 | 102 | 79 | 96 | 80 | 93 | 81 | S | 56 |
| 19 | 100 | 78 | 95 | 79 | 92 | 80 | S | 39 |
| 20 | 93 | 80 | 87 | 80 | 87 | 81 | W | 40 |
| 21 | 95 | 77 | 88 | 79 | 87 | 80 | S | 75 |
| 22 | 96 | 77 | 89 | 80 | 88 | 81 | S | 50 |
| 23 | 98 | 78 | 92 | 79 | 91 | 80 | W | 58 |
| 24 | 100 | 78 | 94 | 79 | 93 | 81 | W | 51 |
| 25 | 102 | 79 | 96 | 79 | 94 | 81 | W | 57 |
| 26 | 103 | 79 | 98 | 81 | 94 | 82 | W | 56 |
| 27 | 104 | 80 | 97 | 81 | 95 | 83 | W | 85 |
| 28 | 100 | 79 | 93 | 81 | 89 | 83 | W | 50 |
| 29 | 103 | 76 | 97 | 77 | 94 | 80 | NE | 104 |
| 30 | 96 | 85 | 89 | 82 | 88 | 83 | E | 80 |
| 31 | 103 | 75 | 95 | 77 | 93 | 79 | E | 85 |
| Total | 3027 | 2397 | 2823 | 2412 | 2761 | 2455 | | 1789 |
| Avg. | 97.6 | 77.3 | 91.1 | 77.8 | 89.1 | 79.2 | W | 57.7 |

Table 34. Soil Temperature and Wind, September 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 104 | 76 | 97 | 76 | 94 | 78 | E | 65 |
| 2 | 92 | 79 | 86 | 78 | 87 | 80 | E | 118 |
| 3 | 81 | 73 | 79 | 74 | 79 | 76 | E | 123 |
| 4 | 86 | 73 | 82 | 73 | 82 | 75 | E | 124 |
| 5 | 92 | 72 | 87 | 74 | 85 | 76 | E | 96 |
| 6 | 91 | 73 | 86 | 74 | 84 | 76 | E | 113 |
| 7 | 92 | 69 | 86 | 72 | 84 | 74 | NE | 115 |
| 8 | 93 | 66 | 86 | 69 | 85 | 72 | E | 128 |
| 9 | 90 | 71 | 85 | 69 | 83 | 71 | E | 147 |
| 10 | 96 | 74 | 89 | 72 | 87 | 74 | S | 113 |
| 11 | 98 | 78 | 91 | 77 | 89 | 77 | S | 119 |
| 12 | 98 | 79 | 92 | 80 | 90 | 80 | SW | 90 |
| 13 | 98 | 79 | 90 | 80 | 90 | 81 | N | 87 |
| 14 | 102 | 75 | 93 | 77 | 92 | 79 | N | 73 |
| 15 | 102 | 77 | 94 | 76 | 92 | 78 | E | 57 |
| 16 | 95 | 79 | 88 | 78 | 88 | 80 | S | 58 |
| 17 | 98 | 76 | 91 | 78 | 89 | 80 | E | 74 |
| 18 | 100 | 78 | 93 | 78 | 90 | 79 | E | 109 |
| 19 | 101 | 77 | 93 | 78 | 92 | 80 | E | 93 |
| 20 | 99 | 77 | 93 | 78 | 91 | 80 | E | 101 |
| 21 | 100 | 76 | 93 | 78 | 92 | 80 | SE | 102 |
| 22 | 99 | 78 | 92 | 77 | 91 | 80 | SE | 106 |
| 23 | 98 | 78 | 90 | 78 | 88 | 81 | E | 80 |
| 24 | 90 | 75 | 85 | 77 | 84 | 79 | N | 85 |
| 25 | 92 | 64 | 87 | 68 | 85 | 71 | N | 92 |
| 26 | 83 | 66 | 80 | 67 | 80 | 70 | E | 80 |
| 27 | 82 | 71 | 78 | 72 | 78 | 74 | E | 149 |
| 28 | 74 | 71 | 72 | 71 | 74 | 73 | E | 167 |
| 29 | 72 | 67 | 70 | 68 | 71 | 70 | E | 191 |
| 30 | 75 | 67 | 73 | 67 | 74 | 69 | SE | 151 |
| Total | 2773 | 2214 | 2601 | 2234 | 2570 | 2293 | | 3206 |
| Avg. | 92.4 | 73.8 | 86.7 | 74.5 | 85.7 | 76.4 | E | 106.9 |

Table 35. Soil Temperature and Wind, October 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 86 | 73 | 80 | 71 | 80 | 71 | W | 78 |
| 2 | 88 | 70 | 81 | 73 | 81 | 74 | N | 89 |
| 3 | 82 | 65 | 79 | 69 | 78 | 70 | N | 99 |
| 4 | 80 | 60 | 75 | 64 | 74 | 66 | N | 114 |
| 5 | 73 | 62 | 70 | 62 | 71 | 64 | E | 98 |
| 6 | 66 | 63 | 64 | 64 | 66 | 66 | E | 175 |
| 7 | 72 | 63 | 68 | 63 | 68 | 64 | W | 90 |
| 8 | 79 | 62 | 74 | 63 | 73 | 64 | W | 84 |
| 9 | 80 | 62 | 76 | 62 | 75 | 63 | W | 64 |
| 10 | 83 | 65 | 77 | 63 | 76 | 65 | N | 54 |
| 11 | 81 | 59 | 76 | 63 | 74 | 64 | N | 35 |
| 12 | 78 | 62 | 74 | 61 | 73 | 63 | N | 45 |
| 13 | 84 | 63 | 79 | 62 | 77 | 64 | E | 54 |
| 14 | 84 | 64 | 78 | 64 | 77 | 66 | E | 96 |
| 15 | 85 | 65 | 81 | 65 | 78 | 66 | E | 80 |
| 16 | 84 | 65 | 79 | 66 | 78 | 68 | NE | 79 |
| 17 | 85 | 65 | 77 | 64 | 78 | 68 | E | 102 |
| 18 | 73 | 60 | 69 | 64 | 70 | 66 | NE | 102 |
| 19 | 69 | 61 | 66 | 62 | 68 | 65 | E | 133 |
| 20 | 75 | 65 | 71 | 64 | 72 | 66 | E | 83 |
| 21 | 77 | 68 | 74 | 67 | 73 | 68 | NW | 65 |
| 22 | 79 | 58 | 73 | 60 | 72 | 63 | NW | 84 |
| 23 | 73 | 55 | 68 | 58 | 68 | 61 | W | 84 |
| 24 | 73 | 52 | 68 | 56 | 67 | 58 | N | 153 |
| 25 | 73 | 47 | 67 | 50 | 66 | 54 | NE | 66 |
| 26 | 76 | 48 | 70 | 51 | 68 | 54 | N | 56 |
| 27 | 78 | 50 | 71 | 50 | 69 | 54 | N | 92 |
| 28 | 78 | 53 | 72 | 54 | 70 | 56 | N | 152 |
| 29 | 75 | 53 | 69 | 55 | 69 | 58 | E | 154 |
| 30 | 75 | 52 | 69 | 55 | 67 | 57 | E | 74 |
| 31 | 80 | 56 | 74 | 59 | 71 | 60 | N | 50 |
| Total | 2424 | 1866 | 2269 | 1904 | 2247 | 1966 | | 2784 |
| Avg. | 78.2 | 60.2 | 73.2 | 61.4 | 72.5 | 63.4 | N | 89.8 |

Table 36. Soil Temperature and Wind, November 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 79 | 57 | 73 | 58 | 71 | 59 | N | 110 |
| 2 | 77 | 53 | 70 | 56 | 69 | 58 | E | 77 |
| 3 | 76 | 54 | 70 | 55 | 68 | 57 | E | 52 |
| 4 | 76 | 56 | 71 | 56 | 70 | 57 | E | 70 |
| 5 | 78 | 61 | 72 | 58 | 71 | 59 | E | 82 |
| 6 | 75 | 63 | 69 | 63 | 69 | 63 | E | 181 |
| 7 | 81 | 59 | 74 | 61 | 73 | 63 | E | 82 |
| 8 | 81 | 58 | 75 | 60 | 73 | 62 | NE | 37 |
| 9 | 77 | 59 | 70 | 59 | 70 | 61 | N | 31 |
| 10 | 82 | 62 | 71 | 61 | 70 | 62 | S | 63 |
| 11 | 70 | 62 | 67 | 63 | 66 | 64 | E | 119 |
| 12 | 63 | 62 | 62 | 62 | 62 | 63 | E | 138 |
| 13 | 69 | 62 | 66 | 62 | 66 | 62 | N | 58 |
| 14 | 74 | 56 | 68 | 59 | 67 | 59 | N | 82 |
| 15 | 68 | 56 | 64 | 59 | 64 | 60 | E | 58 |
| 16 | 72 | 55 | 68 | 56 | 66 | 57 | SE | 78 |
| 17 | 69 | 56 | 65 | 56 | 65 | 56 | N | 153 |
| 18 | 65 | 44 | 60 | 47 | 59 | 50 | W | 67 |
| 19 | 63 | 46 | 60 | 46 | 59 | 49 | N | 22 |
| 20 | 70 | 53 | 66 | 52 | 64 | 53 | SE | 27 |
| 21 | 73 | 58 | 68 | 56 | 66 | 56 | SW | 168 |
| 22 | 71 | 62 | 67 | 62 | 61 | 64 | N | 109 |
| 23 | 69 | 50 | 65 | 54 | 63 | 55 | N | 74 |
| 24 | 59 | 51 | 56 | 51 | 58 | 53 | E | 64 |
| 25 | 63 | 54 | 60 | 54 | 60 | 56 | SE | 115 |
| 26 | 72 | 55 | 67 | 55 | 66 | 56 | S | 164 |
| 27 | 66 | 61 | 67 | 59 | 70 | 59 | N | 136 |
| 28 | 62 | 54 | 58 | 54 | 59 | 55 | NW | 43 |
| 29 | 51 | 47 | 51 | 49 | 54 | 51 | NW | 78 |
| 30 | 55 | 38 | 51 | 41 | 51 | 44 | N | 91 |
| Total | 2106 | 1664 | 1971 | 1684 | 1950 | 1723 | | 2629 |
| Avg. | 70.2 | 55.5 | 65.7 | 56.1 | 65.0 | 57.4 | E | 87.6 |

Table 37. Soil Temperature and Wind, December 1965

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 57 | 31 | 52 | 39 | 50 | 42 | N | 53 |
| 2 | 60 | 36 | 53 | 38 | 52 | 40 | S | 23 |
| 3 | 57 | 40 | 53 | 40 | 51 | 41 | W | 23 |
| 4 | 63 | 43 | 58 | 44 | 56 | 45 | N | 100 |
| 5 | 63 | 43 | 57 | 45 | 56 | 47 | W | 85 |
| 6 | 65 | 45 | 60 | 47 | 57 | 47 | N | 156 |
| 7 | 58 | 39 | 53 | 42 | 52 | 44 | N | 84 |
| 8 | 60 | 38 | 54 | 40 | 53 | 42 | W | 43 |
| 9 | 62 | 39 | 54 | 39 | 53 | 42 | N | 39 |
| 10 | 64 | 40 | 59 | 41 | 56 | 43 | N | 19 |
| 11 | 65 | 41 | 57 | 42 | 56 | 44 | S | 60 |
| 12 | 58 | 49 | 56 | 48 | 56 | 48 | SE | 114 |
| 13 | 69 | 57 | 63 | 54 | 62 | 53 | W | 81 |
| 14 | 60 | 51 | 56 | 52 | 56 | 54 | E | 64 |
| 15 | 58 | 51 | 55 | 51 | 55 | 52 | E | 52 |
| 16 | 58 | 53 | 55 | 53 | 55 | 53 | W | 40 |
| 17 | 61 | 55 | 55 | 54 | 57 | 54 | N | 88 |
| 18 | 50 | 49 | 50 | 51 | 51 | 51 | NE | 113 |
| 19 | 51 | 41 | 47 | 47 | 48 | 48 | N | 114 |
| 20 | 55 | 37 | 54 | 40 | 54 | 31 | SW | 88 |
| 21 | 57 | 37 | 51 | 38 | 50 | 40 | NW | 63 |
| 22 | 58 | 39 | 52 | 40 | 51 | 41 | E | 60 |
| 23 | 62 | 39 | 55 | 40 | 54 | 41 | E | 108 |
| 24 | 63 | 43 | 58 | 44 | 56 | 45 | S | 195 |
| 25 | 58 | 50 | 53 | 48 | 54 | 48 | N | 191 |
| 26 | 56 | 38 | 51 | 41 | 50 | 42 | N | 108 |
| 27 | 57 | 38 | 51 | 40 | 50 | 42 | E | 71 |
| 28 | 57 | 38 | 52 | 39 | 50 | 41 | NE | 75 |
| 29 | 62 | 40 | 57 | 39 | 55 | 42 | E | 128 |
| 30 | 67 | 45 | 59 | 45 | 57 | 46 | S | 91 |
| 31 | 69 | 46 | 62 | 46 | 60 | 47 | SE | 80 |
| Total | 1860 | 1331 | 1702 | 1367 | 1673 | 1396 | | 2609 |
| Avg. | 60.0 | 42.9 | 54.9 | 44.1 | 54.0 | 45.0 | N | 84.2 |

Table 39. Cooling Degree Days 1965 - Base 75°

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|-------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| 1 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 3 | 3 | 1 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 2 | 2 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 1 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 2 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 3 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 4 | 0 | 2 | 3 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 2 | 1 | 0 | 0 | 0 |
| 10 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 2 | 6 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 6 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 2 | 6 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 5 | 6 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 5 | 3 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 7 | 5 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 7 | 3 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 4 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 2 | 0 | 6 | 4 | 4 | 0 | 0 | 0 |
| 19 | 0 | 0 | 0 | 0 | 3 | 0 | 4 | 4 | 4 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 2 | 0 | 5 | 3 | 4 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 3 | 0 | 6 | 4 | 4 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 5 | 3 | 0 | 0 | 0 |
| 24 | 0 | 0 | 0 | 0 | 5 | 1 | 2 | 5 | 0 | 0 | 0 | 0 |
| 25 | 0 | 0 | 0 | 0 | 4 | 1 | 4 | 5 | 0 | 0 | 0 | 0 |
| 26 | 0 | 0 | 0 | 0 | 3 | 0 | 6 | 6 | 0 | 0 | 0 | 0 |
| 27 | 0 | 0 | 0 | 0 | 2 | 1 | 4 | 5 | 0 | 0 | 0 | 0 |
| 28 | 0 | 0 | 0 | 0 | 1 | 3 | 5 | 2 | 0 | 0 | 0 | 0 |
| 29 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 5 | 0 | 0 | 0 | 0 |
| 30 | 0 | 0 | 0 | 0 | 0 | 5 | 3 | 3 | 0 | 0 | 0 | 0 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 35 | 39 | 109 | 113 | 69 | 1 | 0 | 0 |

Table 40. Heating Degree Days 1965 - Base 65°

| | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|-------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| 1 | 2 | 26 | 10 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 27 |
| 2 | 4 | 32 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 21 |
| 3 | 19 | 31 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 19 |
| 4 | 21 | 25 | 24 | 8 | 0 | 0 | 0 | 0 | 0 | 2 | 1 | 17 |
| 5 | 17 | 24 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 16 |
| 6 | 11 | 12 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 11 |
| 7 | 8 | 3 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 24 |
| 8 | 7 | 4 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 22 |
| 9 | 4 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 |
| 10 | 15 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 11 | 23 | 1 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 12 |
| 12 | 20 | 10 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 7 |
| 13 | 18 | 22 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 3 |
| 14 | 20 | 23 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 14 |
| 15 | 25 | 24 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 13 |
| 16 | 35 | 24 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 11 |
| 17 | 41 | 20 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 16 |
| 18 | 32 | 10 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 18 | 23 |
| 19 | 27 | 12 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 15 | 24 |
| 20 | 19 | 19 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25 |
| 21 | 13 | 11 | 28 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 20 |
| 22 | 6 | 27 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 1 | 18 |
| 23 | 6 | 19 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 9 | 12 |
| 24 | 17 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 9 | 8 |
| 25 | 17 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 7 | 18 |
| 26 | 10 | 27 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 25 |
| 27 | 25 | 17 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 10 | 20 |
| 28 | 24 | 13 | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 5 | 16 | 20 |
| 29 | 16 | | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 20 | 12 |
| 30 | 24 | | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 10 | 28 | 7 |
| 31 | 39 | | 7 | | 0 | | 0 | 0 | | 4 | | 5 |
| Total | 565 | 487 | 405 | 87 | 0 | 0 | 0 | 0 | 1 | 108 | 206 | 499 |

Table 41. Time of Sunrise at Auburn, Alabama (a.m., CST),
Latitude 32° 34' N., Longitude 85° 31' W.

| Date | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|------|------|------|------|------|------|------|------|------|-------|------|------|------|
| 1 | 6:47 | 6:40 | 6:14 | 5:33 | 4:58 | 4:38 | 4:41 | 4:59 | 5:19 | 5:39 | 6:02 | 6:29 |
| 2 | 6:47 | 6:39 | 6:12 | 5:33 | 4:57 | 4:38 | 4:41 | 5:00 | 5:20 | 5:40 | 6:03 | 6:29 |
| 3 | 6:47 | 6:39 | 6:11 | 5:31 | 4:57 | 4:38 | 4:42 | 5:00 | 5:21 | 5:40 | 6:04 | 6:30 |
| 4 | 6:48 | 6:38 | 6:10 | 5:29 | 4:56 | 4:38 | 4:42 | 5:01 | 5:21 | 5:41 | 6:05 | 6:31 |
| 5 | 6:48 | 6:37 | 6:09 | 5:28 | 4:55 | 4:37 | 4:43 | 5:02 | 5:22 | 5:42 | 6:06 | 6:32 |
| 6 | 6:48 | 6:36 | 6:07 | 5:27 | 4:54 | 4:37 | 4:43 | 5:02 | 5:23 | 5:42 | 6:07 | 6:33 |
| 7 | 6:48 | 6:36 | 6:06 | 5:26 | 4:53 | 4:37 | 4:43 | 5:03 | 5:23 | 5:43 | 6:08 | 6:33 |
| 8 | 6:48 | 6:35 | 6:05 | 5:24 | 4:52 | 4:37 | 4:44 | 5:04 | 5:24 | 5:44 | 6:08 | 6:34 |
| 9 | 6:48 | 6:34 | 6:04 | 5:23 | 4:51 | 4:37 | 4:44 | 5:04 | 5:24 | 5:45 | 6:09 | 6:35 |
| 10 | 6:48 | 6:33 | 6:02 | 5:22 | 4:51 | 4:37 | 4:45 | 5:05 | 5:25 | 5:45 | 6:10 | 6:36 |
| 11 | 6:48 | 6:32 | 6:01 | 5:21 | 4:50 | 4:37 | 4:46 | 5:06 | 5:26 | 5:46 | 6:11 | 6:36 |
| 12 | 6:48 | 6:31 | 6:00 | 5:19 | 4:49 | 4:37 | 4:46 | 5:06 | 5:26 | 5:47 | 6:12 | 6:37 |
| 13 | 6:48 | 6:31 | 5:58 | 5:18 | 4:48 | 4:37 | 4:47 | 5:07 | 5:27 | 5:48 | 6:13 | 6:38 |
| 14 | 6:47 | 6:30 | 5:57 | 5:17 | 4:48 | 4:37 | 4:47 | 5:08 | 5:28 | 5:48 | 6:14 | 6:38 |
| 15 | 6:47 | 6:29 | 5:56 | 5:16 | 4:47 | 4:37 | 4:48 | 5:08 | 5:28 | 5:49 | 6:15 | 6:39 |
| 16 | 6:47 | 6:28 | 5:55 | 5:14 | 4:46 | 4:37 | 4:49 | 5:09 | 5:29 | 5:50 | 6:15 | 6:40 |
| 17 | 6:47 | 6:27 | 5:53 | 5:13 | 4:45 | 4:37 | 4:49 | 5:10 | 5:30 | 5:51 | 6:16 | 6:40 |
| 18 | 6:46 | 6:26 | 5:52 | 5:12 | 4:45 | 4:37 | 4:50 | 5:10 | 5:30 | 5:51 | 6:17 | 6:41 |
| 19 | 6:46 | 6:25 | 5:51 | 5:11 | 4:44 | 4:37 | 4:50 | 5:11 | 5:31 | 5:52 | 6:18 | 6:41 |
| 20 | 6:46 | 6:24 | 5:49 | 5:10 | 4:44 | 4:37 | 4:51 | 5:11 | 5:32 | 5:53 | 6:19 | 6:42 |
| 21 | 6:45 | 6:23 | 5:48 | 5:09 | 4:43 | 4:38 | 4:52 | 5:12 | 5:32 | 5:54 | 6:20 | 6:42 |
| 22 | 6:45 | 6:22 | 5:47 | 5:08 | 4:42 | 4:38 | 4:52 | 5:13 | 5:33 | 5:55 | 6:21 | 6:42 |
| 23 | 6:45 | 6:20 | 5:45 | 5:07 | 4:42 | 4:38 | 4:53 | 5:13 | 5:34 | 5:55 | 6:22 | 6:43 |
| 24 | 6:44 | 6:19 | 5:44 | 5:06 | 4:41 | 4:38 | 4:54 | 5:14 | 5:34 | 5:56 | 6:23 | 6:44 |
| 25 | 6:44 | 6:18 | 5:43 | 5:04 | 4:41 | 4:39 | 4:54 | 5:15 | 5:35 | 5:57 | 6:23 | 6:44 |
| 26 | 6:43 | 6:17 | 5:41 | 5:03 | 4:41 | 4:39 | 4:55 | 5:15 | 5:36 | 5:58 | 6:24 | 6:45 |
| 27 | 6:43 | 6:16 | 5:40 | 5:02 | 4:40 | 4:39 | 4:56 | 5:16 | 5:36 | 5:58 | 6:25 | 6:45 |
| 28 | 6:42 | 6:15 | 5:39 | 5:01 | 4:40 | 4:40 | 4:56 | 5:17 | 5:37 | 5:59 | 6:26 | 6:45 |
| 29 | 6:42 | 6:14 | 5:37 | 5:00 | 4:39 | 4:40 | 4:57 | 5:17 | 5:38 | 6:00 | 6:27 | 6:46 |
| 30 | 6:41 | | 5:36 | 4:59 | 4:39 | 4:40 | 4:58 | 5:18 | 5:38 | 6:01 | 6:28 | 6:46 |
| 31 | 6:41 | | 5:35 | | 4:39 | | 4:58 | 5:19 | | 6:02 | | 6:46 |

Sunrise and sunset are considered to occur when the upper edge of the disk of the sun appears to be exactly on the horizon, with normal atmospheric conditions, and at zero elevation above the earth's surface in a level region. Times of sunrise and sunset shown in the tables are valid for the remainder of the 20th century.

Table 42. Time of Sunset at Auburn, Alabama (p.m., CST),
Latitude 32° 34' N., Longitude 85° 31' W.

| Date | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|------|------|------|------|------|------|------|------|------|-------|------|------|------|
| 1 | 4:50 | 5:18 | 5:42 | 6:05 | 6:26 | 6:47 | 6:57 | 6:43 | 6:10 | 5:30 | 4:54 | 4:39 |
| 2 | 4:51 | 5:19 | 5:43 | 6:06 | 6:27 | 6:48 | 6:57 | 6:42 | 6:09 | 5:29 | 4:54 | 4:39 |
| 3 | 4:52 | 5:20 | 5:44 | 6:07 | 6:28 | 6:49 | 6:56 | 6:42 | 6:08 | 5:27 | 4:53 | 4:39 |
| 4 | 4:53 | 5:21 | 5:44 | 6:07 | 6:28 | 6:49 | 6:56 | 6:41 | 6:06 | 5:26 | 4:52 | 4:39 |
| 5 | 4:53 | 5:21 | 5:45 | 6:08 | 6:29 | 6:50 | 6:56 | 6:40 | 6:05 | 5:25 | 4:51 | 4:39 |
| 6 | 4:54 | 5:22 | 5:46 | 6:09 | 6:30 | 6:50 | 6:56 | 6:39 | 6:04 | 5:23 | 4:50 | 4:39 |
| 7 | 4:55 | 5:23 | 5:47 | 6:09 | 6:31 | 6:51 | 6:56 | 6:38 | 6:02 | 5:22 | 4:50 | 4:39 |
| 8 | 4:56 | 5:24 | 5:47 | 6:10 | 6:31 | 6:51 | 6:56 | 6:37 | 6:01 | 5:21 | 4:49 | 4:39 |
| 9 | 4:57 | 5:25 | 5:48 | 6:11 | 6:32 | 6:52 | 6:55 | 6:36 | 6:00 | 5:20 | 4:48 | 4:39 |
| 10 | 4:58 | 5:26 | 5:49 | 6:12 | 6:33 | 6:52 | 6:55 | 6:35 | 5:58 | 5:18 | 4:48 | 4:40 |
| 11 | 4:58 | 5:27 | 5:50 | 6:12 | 6:33 | 6:53 | 6:55 | 6:34 | 5:57 | 5:17 | 4:47 | 4:40 |
| 12 | 4:59 | 5:28 | 5:51 | 6:13 | 6:34 | 6:53 | 6:55 | 6:33 | 5:56 | 5:16 | 4:46 | 4:40 |
| 13 | 5:00 | 5:29 | 5:51 | 6:14 | 6:35 | 6:53 | 6:54 | 6:32 | 5:54 | 5:15 | 4:46 | 4:40 |
| 14 | 5:01 | 5:29 | 5:52 | 6:14 | 6:36 | 6:54 | 6:54 | 6:31 | 5:53 | 5:13 | 4:45 | 4:41 |
| 15 | 5:02 | 5:30 | 5:53 | 6:15 | 6:36 | 6:54 | 6:54 | 6:30 | 5:52 | 5:12 | 4:45 | 4:41 |
| 16 | 5:03 | 5:31 | 5:54 | 6:16 | 6:37 | 6:54 | 6:53 | 6:29 | 5:50 | 5:11 | 4:44 | 4:41 |
| 17 | 5:04 | 5:32 | 5:54 | 6:16 | 6:38 | 6:55 | 6:53 | 6:28 | 5:49 | 5:10 | 4:43 | 4:42 |
| 18 | 5:05 | 5:33 | 5:55 | 6:17 | 6:38 | 6:55 | 6:52 | 6:27 | 5:48 | 5:09 | 4:43 | 4:42 |
| 19 | 5:06 | 5:34 | 5:56 | 6:18 | 6:39 | 6:55 | 6:52 | 6:26 | 5:46 | 5:08 | 4:43 | 4:42 |
| 20 | 5:07 | 5:34 | 5:56 | 6:19 | 6:40 | 6:55 | 6:51 | 6:25 | 5:45 | 5:06 | 4:42 | 4:43 |
| 21 | 5:08 | 5:35 | 5:57 | 6:19 | 6:40 | 6:55 | 6:51 | 6:24 | 5:44 | 5:05 | 4:42 | 4:43 |
| 22 | 5:09 | 5:36 | 5:58 | 6:20 | 6:41 | 6:56 | 6:50 | 6:23 | 5:42 | 5:04 | 4:41 | 4:43 |
| 23 | 5:10 | 5:37 | 5:59 | 6:21 | 6:42 | 6:56 | 6:50 | 6:21 | 5:41 | 5:03 | 4:41 | 4:44 |
| 24 | 5:10 | 5:38 | 5:59 | 6:21 | 6:42 | 6:56 | 6:49 | 6:20 | 5:40 | 5:02 | 4:41 | 4:45 |
| 25 | 5:11 | 5:39 | 6:00 | 6:22 | 6:43 | 6:56 | 6:48 | 6:19 | 5:38 | 5:01 | 4:40 | 4:45 |
| 26 | 5:12 | 5:39 | 6:01 | 6:23 | 6:43 | 6:57 | 6:48 | 6:18 | 5:37 | 5:00 | 4:40 | 4:46 |
| 27 | 5:13 | 5:40 | 6:02 | 6:23 | 6:44 | 6:57 | 6:47 | 6:17 | 5:35 | 4:59 | 4:40 | 4:47 |
| 28 | 5:14 | 5:41 | 6:02 | 6:24 | 6:45 | 6:57 | 6:46 | 6:15 | 5:34 | 4:58 | 4:40 | 4:47 |
| 29 | 5:15 | 5:42 | 6:03 | 6:25 | 6:45 | 6:57 | 6:45 | 6:14 | 5:33 | 4:57 | 4:39 | 4:48 |
| 30 | 5:16 | | 6:04 | 6:26 | 6:46 | 6:57 | 6:45 | 6:13 | 5:31 | 4:56 | 4:39 | 4:49 |
| 31 | 5:17 | | 6:04 | | 6:46 | | 6:44 | 6:12 | | 4:55 | | 4:49 |

Sunrise and sunset are considered to occur when the upper edge of the disk of the sun appears to be exactly on the horizon, with normal atmospheric conditions, and at zero elevation above the earth's surface in a level region. Times of sunrise and sunset shown in the tables are valid for the remainder of the 20th century.

