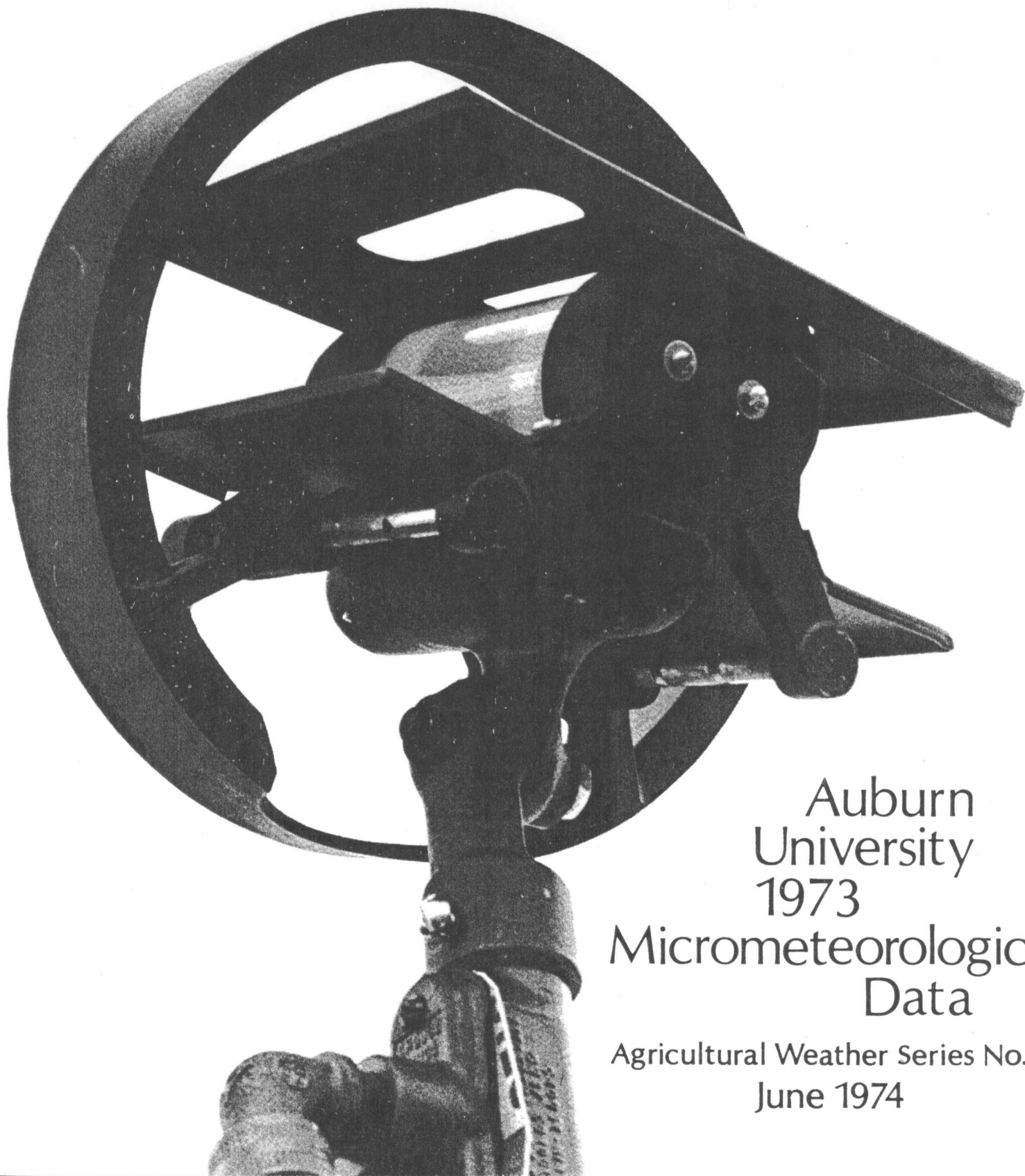


UNITED STATES DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE ENVIRONMENTAL STUDY SERVICE CENTER in cooperation with
AGRICULTURAL EXPERIMENT STATION AUBURN UNIVERSITY
R. DENNIS ROUSE, Director AUBURN, ALABAMA



Auburn
University
1973
Micrometeorological
Data
Agricultural Weather Series No. 11
June 1974

TABLE OF CONTENTS

| | |
|---|-------|
| FOREWORD | 5 |
| TABLES | |
| Daily Maximum, Minimum, and Mean Temperature | 6-17 |
| Precipitation. | 6-17 |
| Solar Radiation. | 6-17 |
| Evaporation and Wind Movement. | 6-17 |
| Monthly and Annual Average Temperature and Precipitation, 1855-1952. | 18 |
| Monthly and Annual Average Evaporation , 1964-1972 | 18 |
| Six Hourly Temperature and Relative Humidity | 19-30 |
| Soil Temperature, Wind Direction and Speed | 31-42 |

FOREWORD

Except for the long term averages of temperature, precipitation, and evaporation, data in this publication were recorded at the National Weather Service micrometeorology 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 a.m. for the day indicated. All other readings are for a 24-hour period from midnight to midnight for the indicated date.

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

Evaporation is measured in the National Weather Service 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

NOAA - National Weather Service
Environmental Study Service Center
Auburn University, Auburn, Alabama

Table 1. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for January, 1973.

| Date | Air Temperature | | | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 57 | 49 | 53 | 0 | 113 | --- | 83.1 |
| 2 | 53 | 42 | 48 | .27 | 104 | .08 | 86.3 |
| 3 | 53 | 44 | 49 | .09 | 70 | .06 | 88.8 |
| 4 | 62 | 40 | 51 | .04 | 188 | .01 | 83.5 |
| 5 | 59 | 38 | 49 | 0 | 201 | .06 | 39.2 |
| 6 | 52 | 43 | 48 | .16 | 125 | .08 | 63.6 |
| 7 | 45 | 34 | 40 | .97 | 68 | .08 | 85.0 |
| 8 | 37 | 32 | 35 | .82 | 90 | --- | 96.0 |
| 9 | 35 | 29 | 32 | 0 | 85 | .01 | 73.5 |
| 10 | 34 | 28 | 31 | 0 | 103 | --- | 73.1 |
| 11 | 42 | 30 | 36 | T | 205 | --- | 62.6 |
| 12 | 39 | 26 | 33 | 0 | 159 | --- | 100.3 |
| 13 | 48 | 22 | 35 | 0 | 294 | --- | 81.3 |
| 14 | 52 | 23 | 38 | 0 | 300 | --- | 21.2 |
| 15 | 64 | 35 | 50 | 0 | 303 | .03 | 45.6 |
| 16 | 64 | 33 | 49 | 0 | 305 | .13 | 80.2 |
| 17 | 65 | 39 | 52 | 0 | 227 | .10 | 25.7 |
| 18 | 71 | 49 | 60 | .25 | 238 | .05 | 45.8 |
| 19 | 63 | 41 | 52 | .45 | 278 | .26 | 94.0 |
| 20 | 65 | 39 | 52 | 0 | 265 | .16 | 54.8 |
| 21 | 66 | 46 | 56 | 1.39 | 127 | .10 | 41.5 |
| 22 | 65 | 41 | 53 | 0 | 347 | .18 | 107.9 |
| 23 | 63 | 38 | 51 | 0 | 335 | .17 | 64.1 |
| 24 | 58 | 35 | 47 | 0 | 357 | .13 | 53.8 |
| 25 | 62 | 33 | 48 | 0 | 255 | .15 | 45.2 |
| 26 | 67 | 39 | 53 | .80 | 183 | .18 | 67.7 |
| 27 | 60 | 35 | 48 | 0 | 340 | .11 | 81.3 |
| 28 | 56 | 38 | 47 | .07 | 187 | .08 | 49.0 |
| 29 | 40 | 26 | 34 | 0 | 242 | .11 | 42.9 |
| 30 | 48 | 20 | 34 | 0 | 357 | --- | 86.8 |
| 31 | 59 | 28 | 44 | 0 | 232 | .05 | 31.1 |
| Total | 1704 | 1095 | 1408 | 5.31 | 6683 | 2.37* | 2054.9 |
| Avg. | 55.0 | 35.3 | 45.4 | | | | 66.3 |

--- Missing data.

* Total does not include missing data.

Table 2. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for February, 1973.

| Date | Air Temperature | | | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 63 | 47 | 55 | 2.40 | 79 | .08 | 93.1 |
| 2 | 64 | 41 | 53 | 0 | 286 | --- | 96.3 |
| 3 | 44 | 32 | 38 | 0 | 205 | --- | 105.1 |
| 4 | 60 | 29 | 45 | 0 | 354 | 0 | 73.3 |
| 5 | 67 | 34 | 51 | 0 | --- | .05 | 32.0 |
| 6 | 67 | 52 | 60 | 0 | 165 | .09 | 68.6 |
| 7 | 71 | 48 | 60 | 0 | 294 | .05 | 46.9 |
| 8 | 62 | 33 | 48 | .71 | 27 | .12 | 47.4 |
| 9 | 33 | 26 | 30 | .50 | 28 | .12 | 122.7 |
| 10 | 43 | 25 | 34 | .36 | 309 | --- | 121.0 |
| 11 | 48 | 17 | 33 | 0 | 390 | --- | 72.0 |
| 12 | 40 | 25 | 33 | 0 | 202 | --- | 29.8 |
| 13 | 50 | 29 | 40 | 0 | 289 | --- | 90.4 |
| 14 | 62 | 42 | 52 | .60 | 258 | --- | 103.2 |
| 15 | 53 | 33 | 43 | 0 | 346 | .10 | 83.9 |
| 16 | 43 | 31 | 37 | 0 | 402 | .18 | 41.3 |
| 17 | 39 | 20 | 30 | 0 | 318 | --- | 124.6 |
| 18 | 51 | 28 | 40 | 0 | 383 | --- | 36.1 |
| 19 | 58 | 31 | 45 | 0 | 398 | .14 | 43.4 |
| 20 | 62 | 34 | 48 | 0 | 379 | .10 | 30.6 |
| 21 | 58 | 29 | 44 | 0 | 366 | .18 | 98.3 |
| 22 | 56 | 29 | 43 | 0 | 414 | .12 | 69.3 |
| 23 | 59 | 38 | 48 | 0 | 312 | .16 | 68.0 |
| 24 | 69 | 38 | 54 | 0 | 423 | .15 | 50.1 |
| 25 | 61 | 44 | 53 | 0 | 176 | .17 | 61.9 |
| 26 | 65 | 48 | 57 | 0 | 222 | .16 | 49.2 |
| 27 | 65 | 40 | 53 | 0 | 371 | .06 | 41.5 |
| 28 | 62 | 33 | 48 | 0 | 415 | .17 | 97.1 |
| Total | 1575 | 956 | 1275 | 4.57 | 7811 | 2.20* | 1997.1 |
| Avg. | 56.3 | 34.1 | 45.4 | | | | 71.3 |

--- Missing data.

* Total does not include missing data.

Table 3. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for March, 1973.

| Date | Air Temperature | | | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 66 | 42 | 54 | 0 | 340 | .16 | 64.8 |
| 2 | 66 | 51 | 59 | .38 | 127 | .14 | 80.4 |
| 3 | 75 | 53 | 64 | 0 | 292 | .03 | 72.7 |
| 4 | 67 | 52 | 60 | .08 | 139 | .10 | 32.9 |
| 5 | 67 | 55 | 61 | .32 | 149 | .02 | 35.9 |
| 6 | 75 | 58 | 67 | 0 | 272 | .11 | 43.6 |
| 7 | 76 | 58 | 67 | .04 | 287 | .13 | 102.0 |
| 8 | 77 | 58 | 68 | 0 | 333 | .10 | 52.1 |
| 9 | 69 | 60 | 65 | 0 | 210 | .18 | 42.4 |
| 10 | 71 | 61 | 66 | 0 | 170 | .09 | 88.9 |
| 11 | 72 | 55 | 64 | 1.84 | 98 | .09 | 107.5 |
| 12 | 79 | 50 | 65 | 0 | 454 | --- | 47.1 |
| 13 | 79 | 50 | 65 | 0 | 367 | .16 | 24.7 |
| 14 | 78 | 62 | 70 | 0 | 289 | .15 | 62.2 |
| 15 | 80 | 64 | 72 | 0 | 241 | .12 | 75.3 |
| 16 | 74 | 47 | 61 | 1.10 | 110 | .17 | 100.7 |
| 17 | 50 | 40 | 45 | 0 | 442 | --- | 171.0 |
| 18 | 66 | 35 | 51 | 0 | 503 | .23 | 121.7 |
| 19 | 79 | 41 | 60 | 0 | 469 | .16 | 40.8 |
| 20 | 60 | 52 | 56 | .53 | 91 | .19 | 51.3 |
| 21 | 59 | 47 | 53 | 0 | 324 | .14 | 89.6 |
| 22 | 65 | 35 | 50 | 0 | 521 | .13 | 94.5 |
| 23 | 70 | 39 | 55 | 0 | 521 | .21 | 77.0 |
| 24 | 64 | 48 | 56 | .05 | 266 | .22 | 65.3 |
| 25 | 74 | 53 | 64 | .80 | 338 | .20 | 148.8 |
| 26 | 59 | 51 | 55 | 0 | 197 | .19 | 80.7 |
| 27 | 65 | 47 | 56 | 0 | 412 | .11 | 85.2 |
| 28 | 72 | 48 | 60 | .08 | 354 | .13 | 36.1 |
| 29 | 57 | 55 | 56 | .05 | 116 | .20 | 100.2 |
| 30 | 59 | 51 | 55 | 1.79 | 111 | .08 | 79.3 |
| 31 | 75 | 59 | 67 | 1.69 | 186 | --- | 103.3 |
| Total | 2145 | 1577 | 1864 | 8.75 | 8729 | 3.94* | 2378.0 |
| Avg. | 69.2 | 50.9 | 60.1 | | | | 76.7 |

--- Missing data.

* Total does not include missing data.

Table 4. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for April, 1973.

| Date | Air Temperature | | | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 74 | 54 | 64 | 0 | 542 | .19 | 88.8 |
| 2 | 42 | 46 | 59 | 0 | 489 | .28 | 82.2 |
| 3 | 62 | 53 | 58 | .17 | 199 | .23 | 48.0 |
| 4 | 59 | 43 | 51 | .05 | 411 | .05 | 73.2 |
| 5 | 62 | 40 | 51 | 0 | 617 | .17 | 84.1 |
| 6 | 65 | 43 | 54 | 0 | 406 | .20 | 54.6 |
| 7 | 64 | 49 | 57 | 2.15 | 170 | .26 | 74.3 |
| 8 | 64 | 47 | 56 | 0 | 449 | .08 | 34.1 |
| 9 | 62 | 43 | 53 | 0 | 391 | .14 | 92.4 |
| 10 | 55 | 38 | 47 | 0 | 599 | .17 | 110.5 |
| 11 | 60 | 30 | 45 | 0 | 595 | .23 | 97.0 |
| 12 | 71 | 37 | 54 | 0 | 572 | .21 | 62.4 |
| 13 | 71 | 48 | 60 | 0 | 581 | .24 | 80.5 |
| 14 | 75 | 47 | 61 | 0 | 558 | .33 | 159.9 |
| 15 | 75 | 52 | 64 | 0 | 423 | .21 | 47.3 |
| 16 | 74 | 57 | 66 | 0 | 395 | .18 | 78.5 |
| 17 | 71 | 60 | 66 | 0 | 274 | .22 | 77.1 |
| 18 | 70 | 60 | 65 | .42 | 233 | .13 | 85.8 |
| 19 | 79 | 59 | 69 | .23 | 545 | .10 | 98.6 |
| 20 | 80 | 60 | 70 | 0 | 561 | .28 | 88.0 |
| 21 | 81 | 60 | 71 | 0 | 512 | .20 | 58.9 |
| 22 | 78 | 59 | 69 | 0 | 416 | .22 | 57.6 |
| 23 | 75 | 60 | 68 | 0 | 346 | .22 | 56.2 |
| 24 | 81 | 62 | 72 | 0 | 390 | .13 | 49.2 |
| 25 | 66 | 61 | 64 | 2.46 | 122 | --- | 67.7 |
| 26 | 67 | 61 | 64 | .93 | 173 | --- | 46.3 |
| 27 | 62 | 46 | 54 | .01 | 213 | --- | 80.4 |
| 28 | 66 | 43 | 55 | 0 | 632 | .23 | 89.8 |
| 29 | 74 | 41 | 58 | 0 | 624 | .27 | 56.5 |
| 30 | 78 | 46 | 62 | 0 | 607 | .20 | 26.9 |
| Total | 2093 | 1505 | 1807 | 6.42 | 13045 | 5.37* | 2206.8 |
| Avg. | 69.8 | 50.2 | 60.2 | | | | 73.6 |

--- Missing data.

* Total does not include missing data.

Table 5. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for May, 1973.

| Date | Air Temperature | | | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 80 | 46 | 63 | 0 | 481 | .20 | 26.9 |
| 2 | 77 | 58 | 68 | T | 330 | .25 | 88.0 |
| 3 | 77 | 60 | 67 | T | 320 | .12 | 50.4 |
| 4 | 73 | 47 | 60 | .06 | 639 | .09 | 78.3 |
| 5 | 76 | 48 | 62 | 0 | 642 | .34 | 83.1 |
| 6 | 69 | 48 | 59 | 0 | 230 | .31 | 31.7 |
| 7 | 76 | 57 | 67 | T | 326 | .10 | 50.2 |
| 8 | 75 | 64 | 70 | 1.09 | 312 | .10 | 91.2 |
| 9 | 80 | 63 | 72 | 0 | 626 | .19 | 59.7 |
| 10 | 84 | 57 | 71 | 0 | 623 | .30 | 41.0 |
| 11 | 88 | 58 | 73 | 0 | 591 | .29 | 55.4 |
| 12 | 78 | 59 | 69 | .03 | 431 | .29 | 60.5 |
| 13 | 72 | 55 | 64 | .02 | 296 | .29 | 86.5 |
| 14 | 76 | 54 | 65 | 0 | 630 | .11 | 53.0 |
| 15 | 73 | 53 | 63 | 0 | 563 | .32 | 77.3 |
| 16 | 73 | 46 | 60 | 0 | 639 | .30 | 79.0 |
| 17 | 78 | 48 | 63 | 0 | 562 | .27 | 43.0 |
| 18 | 72 | 49 | 61 | 0 | 610 | .28 | 91.7 |
| 19 | 82 | 49 | 66 | 0 | 421 | .20 | 40.0 |
| 20 | 78 | 59 | 64 | .51 | 401 | .29 | 76.7 |
| 21 | 83 | 59 | 71 | 0 | 572 | .12 | 37.0 |
| 22 | 85 | 61 | 73 | .39 | 437 | .27 | 38.1 |
| 23 | 86 | 64 | 75 | .15 | 522 | .22 | 47.5 |
| 24 | 79 | 61 | 70 | .40 | 390 | --- | 93.8 |
| 25 | 77 | 57 | 67 | .18 | 345 | .19 | 61.9 |
| 26 | 80 | 63 | 72 | .23 | 277 | .14 | 35.6 |
| 27 | 85 | 63 | 74 | .05 | 299 | .11 | 75.2 |
| 28 | 86 | 64 | 75 | .44 | 423 | .22 | 125.3 |
| 29 | 79 | 63 | 71 | 0 | 516 | .30 | 98.5 |
| 30 | 83 | 59 | 71 | 0 | 621 | .24 | 41.8 |
| 31 | 85 | 62 | 74 | 0 | 581 | .28 | 34.5 |
| Total | 2442 | 1754 | 2100 | 3.55 | 14656 | 6.73* | 1952.8 |
| Avg. | 78.8 | 56.6 | 67.7 | | | | 63.0 |

--- Missing data.

* Total does not include missing data.

Table 6. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for June, 1973.

| Date | Air Temperature | | | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 77 | 63 | 70 | .24 | 271 | .28 | 31.4 |
| 2 | 85 | 61 | 73 | 0 | 575 | .12 | 26.4 |
| 3 | 87 | 65 | 76 | 0 | 511 | .22 | 33.1 |
| 4 | 86 | 66 | 76 | 0 | 570 | .25 | 34.7 |
| 5 | 88 | 67 | 78 | .10 | 432 | .30 | 41.8 |
| 6 | 81 | 67 | 74 | .85 | 364 | .17 | 41.0 |
| 7 | 82 | 66 | 74 | .22 | 445 | .25 | 44.7 |
| 8 | 82 | 67 | 75 | .01 | 513 | .18 | 47.6 |
| 9 | 85 | 69 | 77 | 0 | 472 | .26 | 74.3 |
| 10 | 85 | 68 | 77 | 0 | 466 | .19 | 44.3 |
| 11 | 88 | 69 | 79 | T | 532 | .16 | 46.9 |
| 12 | 84 | 68 | 76 | .06 | 324 | .25 | 33.7 |
| 13 | 85 | 67 | 76 | 0 | 463 | .13 | 35.4 |
| 14 | 89 | 68 | 79 | 0 | 403 | .20 | 32.4 |
| 15 | 89 | 68 | 79 | 0 | 604 | .16 | 29.7 |
| 16 | 89 | 70 | 80 | 0 | 550 | .32 | 44.7 |
| 17 | 91 | 68 | 80 | .46 | 417 | .28 | 48.5 |
| 18 | 89 | 67 | 78 | 0 | 584 | .23 | 42.9 |
| 19 | 91 | 68 | 80 | .63 | 585 | .22 | 27.4 |
| 20 | 86 | 68 | 77 | .51 | 449 | --- | 48.0 |
| 21 | 88 | 67 | 78 | 0 | 510 | .32 | 29.9 |
| 22 | 86 | 68 | 77 | .0 | 555 | .24 | 35.1 |
| 23 | 87 | 65 | 76 | 0 | 577 | .33 | 62.1 |
| 24 | 87 | 65 | 76 | 0 | 638 | .27 | 47.1 |
| 25 | 85 | 63 | 74 | .67 | 512 | --- | 42.8 |
| 26 | 87 | 62 | 75 | 0 | 593 | .26 | 33.7 |
| 27 | 88 | 66 | 77 | 0 | 528 | .20 | 22.7 |
| 28 | 87 | 67 | 77 | .03 | 415 | .28 | 32.7 |
| 29 | 85 | 63 | 74 | 0 | 648 | .22 | 58.1 |
| 30 | 89 | 63 | 76 | 0 | 512 | --- | 47.4 |
| Total | 2588 | 1989 | 2294 | 3.78 | 15018 | 6.29* | 1220.5 |
| Avg. | 86.3 | 66.3 | 76.5 | | | | 40.7 |

--- Missing data.

* Total does not include missing data.

Table 7. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for July, 1973.

| Date | Max. | Min. | Mean | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|------|------|------|---------|-----------|-------------|---------------------|
| 1 | 88 | 67 | 78 | 0 | 352 | .24 | 20.2 |
| 2 | 92 | 69 | 81 | 0 | 495 | .16 | 15.5 |
| 3 | 93 | 69 | 81 | 0 | 561 | .26 | 27.4 |
| 4 | 93 | 70 | 82 | 0 | 509 | .23 | 33.7 |
| 5 | 91 | 70 | 81 | 0 | 520 | .31 | 42.2 |
| 6 | 90 | 70 | 80 | .63 | 381 | .29 | 33.3 |
| 7 | 87 | 66 | 77 | 0 | 528 | --- | ---- |
| 8 | 90 | 67 | 79 | 0 | 556 | --- | ---- |
| 9 | 87 | 68 | 78 | .26 | 553 | --- | ---- |
| 10 | 90 | 69 | 79 | 0 | 527 | .21 | 49.5 |
| 11 | 85 | 69 | 77 | 1.06 | 92 | .48 | 48.8 |
| 12 | 87 | 69 | 78 | 0 | 553 | .20 | 70.0 |
| 13 | 89 | 72 | 80 | 0 | 277 | .24 | 63.7 |
| 14 | 84 | 73 | 79 | .91 | 224 | .23 | 51.8 |
| 15 | 88 | 72 | 80 | 0 | 501 | .22 | 36.6 |
| 16 | 90 | 69 | 80 | .10 | 382 | .21 | 31.0 |
| 17 | 90 | 71 | 81 | .15 | 487 | .24 | 41.0 |
| 18 | 87 | 71 | 79 | .57 | 369 | .28 | 37.7 |
| 19 | 85 | 72 | 79 | 0 | 329 | .24 | 39.7 |
| 20 | 88 | 70 | 79 | 0 | 567 | .18 | 40.4 |
| 21 | 90 | 68 | 79 | 0 | 461 | .27 | 25.4 |
| 22 | 91 | 70 | 81 | 0 | 487 | .25 | 22.5 |
| 23 | 92 | 72 | 82 | 0 | 395 | .24 | 17.0 |
| 24 | 90 | 72 | 81 | 0 | 461 | .33 | 36.6 |
| 25 | 92 | 72 | 82 | 0 | 435 | .24 | 38.1 |
| 26 | 88 | 71 | 79 | 1.22 | 356 | .18 | 24.6 |
| 27 | 87 | 70 | 79 | T | 382 | .24 | 21.2 |
| 28 | 89 | 72 | 81 | .20 | 487 | .21 | 34.5 |
| 29 | 91 | 70 | 81 | .38 | 527 | .30 | 39.6 |
| 30 | 91 | 71 | 81 | T | 395 | .28 | 15.2 |
| 31 | 91 | 71 | 81 | T | 329 | .20 | 20.8 |
| Total | 2736 | 2172 | 2474 | 5.48 | 13478 | 6.96* | 978.0* |
| Avg. | 88.3 | 70.1 | 79.8 | | | | 34.9 |

Missing data.

* Total does not include missing data.

Table 8. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for August, 1973.

| Date | Air Temperature | | | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 87 | 71 | 79 | .10 | 250 | .24 | 40.3 |
| 2 | 83 | 70 | 77 | .35 | 487 | .18 | 36.3 |
| 3 | 86 | 68 | 77 | 0 | 448 | .14 | 25.6 |
| 4 | 86 | 69 | 78 | 0 | 461 | .25 | 34.3 |
| 5 | 86 | 71 | 79 | T | 343 | .17 | 17.9 |
| 6 | 89 | 68 | 79 | .03 | 435 | .15 | 15.7 |
| 7 | 85 | 69 | 77 | .07 | 408 | .19 | 25.3 |
| 8 | 87 | 68 | 78 | 0 | 422 | .16 | 30.4 |
| 9 | 89 | 70 | 80 | T | 461 | .17 | 18.4 |
| 10 | 90 | 70 | 80 | .14 | 527 | .23 | 19.6 |
| 11 | 87 | 69 | 78 | .05 | 514 | .14 | 27.4 |
| 12 | 86 | 70 | 78 | .03 | 250 | .20 | 26.8 |
| 13 | 89 | 68 | 79 | .05 | 435 | .19 | 33.0 |
| 14 | 88 | 68 | 78 | 0 | 356 | .18 | 33.4 |
| 15 | 87 | 68 | 78 | .60 | 369 | .21 | 43.5 |
| 16 | 87 | 68 | 78 | 1.10 | 527 | .24 | 30.1 |
| 17 | 87 | 69 | 78 | .03 | 395 | .21 | 20.0 |
| 18 | 86 | 68 | 77 | 0 | 514 | .25 | 32.1 |
| 19 | 87 | 68 | 78 | 0 | 408 | .17 | 38.5 |
| 20 | 89 | 66 | 78 | 0 | 290 | .23 | 25.6 |
| 21 | 87 | 70 | 79 | 0 | 435 | .26 | 35.5 |
| 22 | 83 | 61 | 72 | 0 | 487 | .38 | 11.5 |
| 23 | 84 | 63 | 74 | 0 | 553 | .30 | 57.8 |
| 24 | 86 | 63 | 75 | 0 | 461 | .22 | 46.7 |
| 25 | 86 | 66 | 76 | 0 | 461 | .24 | 45.3 |
| 26 | 88 | 69 | 79 | 0 | 461 | .20 | 46.0 |
| 27 | 89 | 70 | 80 | T | 448 | .16 | 31.6 |
| 28 | 92 | 68 | 80 | 0 | 514 | .14 | 24.6 |
| 29 | 91 | 68 | 80 | 0 | 461 | .22 | 25.7 |
| 30 | 92 | 67 | 80 | 0 | 487 | .44 | 51.1 |
| 31 | 87 | 70 | 79 | .02 | 369 | .28 | 39.1 |
| Total | 2706 | 2111 | 2418 | 2.57 | 12768 | 6.74 | 989.1 |
| Avg. | 87.3 | 68.1 | 78.0 | | | | 31.9 |

--- Missing data.

Table 9. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for September, 1973.

| Date | Air Temperature | | | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 86 | 71 | 79 | .13 | 382 | .24 | 84.7 |
| 2 | 88 | 68 | 78 | 0 | 382 | .27 | 61.5 |
| 3 | 89 | 69 | 79 | 0 | 527 | .19 | 59.6 |
| 4 | 89 | 69 | 79 | 0 | 403 | .23 | 35.2 |
| 5 | 89 | 70 | 80 | 0 | 315 | .25 | 60.3 |
| 6 | 91 | 70 | 81 | 0 | 355 | .21 | 54.9 |
| 7 | 93 | 70 | 82 | 0 | 369 | .22 | 28.9 |
| 8 | 95 | 69 | 82 | 0 | 369 | .19 | 18.5 |
| 9 | 92 | 70 | 81 | 0 | 395 | .24 | 19.4 |
| 10 | 92 | 74 | 83 | 0 | 193 | .15 | 39.4 |
| 11 | 90 | 69 | 80 | .15 | 395 | .24 | 32.7 |
| 12 | 91 | 69 | 80 | 0 | 329 | .19 | 32.3 |
| 13 | 84 | 69 | 77 | 0 | 237 | .17 | 30.2 |
| 14 | 89 | 73 | 81 | .39 | 356 | .19 | 75.8 |
| 15 | 90 | 67 | 79 | T | 395 | .19 | 38.7 |
| 16 | 88 | 68 | 78 | 0 | 329 | .23 | 33.2 |
| 17 | 84 | 68 | 76 | .10 | 263 | .16 | 35.0 |
| 18 | 83 | 64 | 74 | T | 382 | .12 | 25.1 |
| 19 | 80 | 51 | 66 | 0 | 501 | .21 | 59.7 |
| 20 | 86 | 54 | 70 | 0 | 461 | .21 | 37.8 |
| 21 | 89 | 58 | 74 | 0 | 382 | .22 | 52.5 |
| 22 | 86 | 67 | 77 | 0 | 395 | .18 | 33.5 |
| 23 | 90 | 64 | 77 | 0 | 408 | .19 | 22.8 |
| 24 | 88 | 65 | 77 | 0 | 422 | .19 | 22.8 |
| 25 | 88 | 67 | 78 | 0 | 395 | .20 | 37.8 |
| 26 | 77 | 68 | 73 | 0 | 92 | .26 | 95.0 |
| 27 | 88 | 69 | 79 | .02 | 276 | .02 | 88.0 |
| 28 | 84 | 70 | 77 | .18 | 250 | .24 | 59.8 |
| 29 | 88 | 67 | 78 | .05 | 343 | .13 | 27.0 |
| 30 | 86 | 67 | 77 | 0 | 290 | .17 | 27.0 |
| Total | 2633 | 2014 | 2332 | 2.02 | 13343 | 5.90 | 1329.1 |
| Avg. | 87.8 | 67.1 | 77.7 | | | | 45.8 |

Table 10. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for October, 1973.

| Date | Air Temperature | | | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 75 | 65 | 70 | .85 | 132 | .29 | 40.4 |
| 2 | 82 | 65 | 74 | .21 | 290 | --- | 26.5 |
| 3 | 86 | 65 | 76 | 0 | 369 | .15 | 18.9 |
| 4 | 86 | 65 | 76 | 0 | 382 | .17 | 25.3 |
| 5 | 87 | 64 | 76 | 0 | 422 | .20 | 22.7 |
| 6 | 87 | 65 | 76 | 0 | 461 | .20 | 53.2 |
| 7 | 84 | 62 | 73 | 0 | 435 | .22 | 50.2 |
| 8 | 83 | 61 | 72 | 0 | 474 | .17 | 29.8 |
| 9 | 83 | 61 | 72 | 0 | 422 | .20 | 34.7 |
| 10 | 83 | 62 | 73 | 0 | 382 | .19 | 44.7 |
| 11 | 82 | 63 | 73 | 0 | 395 | .20 | 43.8 |
| 12 | 80 | 61 | 71 | 0 | 303 | .22 | 65.7 |
| 13 | 83 | 60 | 73 | 0 | 369 | .17 | 64.3 |
| 14 | 77 | 60 | 69 | 0 | 211 | .15 | 30.1 |
| 15 | 82 | 61 | 72 | T | 395 | .05 | 30.1 |
| 16 | 73 | 58 | 66 | 0 | 105 | .16 | 26.1 |
| 17 | 72 | 52 | 62 | T | 356 | .12 | 64.1 |
| 18 | 76 | 46 | 61 | 0 | 395 | .21 | 83.4 |
| 19 | 78 | 48 | 63 | 0 | 409 | .16 | 42.3 |
| 20 | 80 | 48 | 64 | 0 | 382 | .23 | 58.6 |
| 21 | 82 | 54 | 68 | 0 | 395 | .17 | 36.8 |
| 22 | 79 | 56 | 68 | 0 | 250 | .15 | 42.4 |
| 23 | 78 | 53 | 66 | 0 | 329 | .15 | 40.6 |
| 24 | 78 | 50 | 64 | 0 | 343 | .15 | 28.9 |
| 25 | 79 | 50 | 65 | 0 | 329 | .14 | 29.4 |
| 26 | 82 | 50 | 66 | 0 | 290 | .14 | 24.9 |
| 27 | 82 | 52 | 67 | 0 | 329 | .07 | 21.6 |
| 28 | 69 | 58 | 64 | 0 | 132 | .21 | 24.7 |
| 29 | 56 | 40 | 48 | .03 | 356 | .12 | 47.4 |
| 30 | 65 | 37 | 51 | 0 | 369 | .11 | 47.3 |
| 31 | 62 | 43 | 52 | T | 92 | .13 | 40.6 |
| Total | 2431 | 1735 | 2091 | 1.19 | 10303 | 5.00 | 1239.5 |
| Avg. | 78.4 | 56.0 | 67.5 | | | | 41.3 |

Table 11. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for November, 1973.

| Date | Air Temperature | | | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 72 | 41 | 57 | .60 | 343 | .12 | 62.9 |
| 2 | 76 | 42 | 59 | 0 | 369 | .14 | 14.9 |
| 3 | 80 | 53 | 67 | T | 237 | .11 | 27.2 |
| 4 | 82 | 54 | 68 | T | 276 | .11 | 15.8 |
| 5 | 74 | 61 | 68 | .18 | 184 | .11 | 21.2 |
| 6 | 67 | 40 | 54 | 0 | 250 | .15 | 94.7 |
| 7 | 61 | 43 | 52 | 0 | 145 | .09 | 34.2 |
| 8 | 68 | 50 | 59 | .02 | 105 | .12 | 23.0 |
| 9 | 67 | 58 | 63 | 1.48 | 211 | --- | 33.7 |
| 10 | 54 | 32 | 43 | T | 303 | .16 | 97.7 |
| 11 | 56 | 34 | 45 | 0 | 356 | .16 | 65.5 |
| 12 | 66 | 38 | 52 | 0 | 290 | .05 | 34.2 |
| 13 | 73 | 40 | 57 | 0 | 250 | .09 | 17.8 |
| 14 | 73 | 48 | 61 | 0 | 382 | .10 | 24.0 |
| 15 | 75 | 53 | 64 | 0 | 158 | .07 | 21.2 |
| 16 | 65 | 50 | 58 | .33 | 321 | .08 | 53.9 |
| 17 | 65 | 40 | 53 | T | 341 | .20 | 76.9 |
| 18 | 72 | 48 | 60 | 0 | 300 | .10 | 53.9 |
| 19 | 75 | 47 | 61 | 0 | 304 | .06 | 23.5 |
| 20 | 71 | 53 | 62 | 0 | 225 | .08 | 28.6 |
| 21 | 64 | 56 | 60 | .40 | 279 | .08 | 86.3 |
| 22 | 75 | 55 | 65 | .57 | 314 | .09 | 33.7 |
| 23 | 67 | 59 | 63 | .02 | 202 | .05 | 23.2 |
| 24 | 71 | 57 | 64 | .02 | 87 | .04 | 33.8 |
| 25 | 79 | 64 | 72 | T | 100 | .02 | 67.0 |
| 26 | 80 | 65 | 73 | T | 237 | .03 | 49.5 |
| 27 | 78 | 70 | 74 | T | 230 | .08 | 87.1 |
| 28 | 69 | 58 | 64 | .77 | 321 | .20 | 98.7 |
| 29 | 56 | 34 | 45 | 0 | 347 | .16 | 75.8 |
| 30 | 67 | 32 | 50 | 0 | 349 | .11 | 56.0 |
| Total | 2098 | 1473 | 1793 | 4.39 | 7816 | 2.99 | 1435.9 |
| Avg. | 69.9 | 49.1 | 59.8 | | | | 47.9 |

Table 12. Daily temperatures, precipitation, solar radiation, evaporation and miles of wind per day for December, 1973.

| Date | Air Temperature | | | Precip. | Radiation | Evaporation | Wind m/d 2.5 ft. |
|-------|-----------------|------|------|---------|-----------|-------------|---------------------|
| | Max. | Min. | Mean | | | | |
| 1 | 71 | 38 | 55 | 0 | 235 | .11 | 26.3 |
| 2 | 71 | 46 | 59 | 0 | 325 | .10 | 31.3 |
| 3 | 72 | 55 | 64 | 0 | 296 | .11 | 54.4 |
| 4 | 68 | 56 | 62 | 0 | 226 | .10 | 80.2 |
| 5 | 61 | 51 | 56 | 2.32 | 374 | --- | 93.3 |
| 6 | 59 | 36 | 48 | 0 | 393 | .20 | 41.0 |
| 7 | 48 | 33 | 41 | 0 | 288 | .10 | 49.5 |
| 8 | 54 | 31 | 43 | 0 | 290 | .10 | 83.0 |
| 9 | 55 | 33 | 44 | 0 | 293 | .03 | 48.3 |
| 10 | 48 | 30 | 39 | 0 | 297 | .05 | 32.6 |
| 11 | 50 | 26 | 38 | 0 | 305 | .11 | 34.6 |
| 12 | 61 | 28 | 45 | 0 | 236 | .07 | 30.9 |
| 13 | 74 | 39 | 57 | T | 289 | .06 | 90.7 |
| 14 | 61 | 35 | 48 | T | 297 | .19 | 112.9 |
| 15 | 55 | 38 | 47 | 1.05 | 254 | .23 | 34.9 |
| 16 | 39 | 38 | 39 | .10 | 237 | .06 | 69.0 |
| 17 | 39 | 27 | 33 | 0 | 98 | --- | 140.2 |
| 18 | 54 | 27 | 41 | 0 | 207 | --- | 67.2 |
| 19 | 53 | 29 | 41 | 0 | 169 | --- | 50.7 |
| 20 | 56 | 33 | 45 | .64 | 150 | .12 | 115.7 |
| 21 | 56 | 25 | 41 | --- | 227 | --- | 106.6 |
| 22 | 50 | 19 | 35 | 0 | 227 | --- | 81.1 |
| 23 | 62 | 25 | 44 | 0 | 207 | .03 | 19.0 |
| 24 | 66 | 39 | 53 | 0 | 203 | --- | 59.4 |
| 25 | 67 | 52 | 60 | 0 | 95 | .12 | 113.9 |
| 26 | 70 | 58 | 64 | 2.88 | 214 | --- | 133.2 |
| 27 | 61 | 44 | 53 | .08 | 227 | .03 | 52.5 |
| 28 | 60 | 31 | 46 | .02 | 220 | .07 | 39.5 |
| 29 | 68 | 38 | 53 | 0 | 115 | .09 | 32.6 |
| 30 | 69 | 49 | 59 | .25 | 130 | .13 | 91.7 |
| 31 | 73 | 50 | 62 | .38 | 151 | .01 | 79.6 |
| Total | 1851 | 1159 | 1515 | 7.72 | 7275 | 2.22 | 2095.8 |
| Avg. | 59.7 | 37.4 | 48.9 | | | | 67.7 |

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

| Date | Temperature | | Average (°F) | Precipitation Average (Inches) | Evaporation Average (Inches) |
|-----------|-----------------------|-----------------------|-----------------|--------------------------------------|------------------------------------|
| | Avg. Daily Max. | Avg. Daily Min. | | | |
| January | 59.0 | 38.9 | 49.0 | 4.80 | 1.86 |
| February | 61.6 | 40.5 | 51.5 | 5.25 | 2.46 |
| March | 67.8 | 45.7 | 56.8 | 6.13 | 4.41 |
| April | 75.4 | 52.8 | 64.1 | 4.37 | 6.01 |
| May | 83.3 | 60.4 | 71.9 | 3.55 | 7.38 |
| June | 89.5 | 67.7 | 78.6 | 4.06 | 7.66 |
| July | 90.0 | 69.9 | 80.0 | 5.34 | 7.01 |
| August | 89.7 | 69.4 | 79.6 | 4.71 | 6.44 |
| September | 86.7 | 65.4 | 76.1 | 3.20 | 5.66 |
| October | 77.9 | 54.7 | 66.3 | 2.58 | 4.40 |
| November | 66.7 | 44.3 | 55.5 | 3.48 | 2.95 |
| December | 58.9 | 39.3 | 49.1 | 5.13 | 2.23 |
| Year | 75.5 | 54.1 | 64.8 | 52.60 | 58.47 |

Evaporation based on data from 1964 through 1972

Table 14. Six Hourly Temperature and Relative Humidity, January 1973

| Date | Midnight | | 6:00 AM | | Noon | | 6:00 PM | | Average | |
|------|----------|------|---------|------|------|------|---------|------|---------|-------|
| | Temp | R.H. | Temp | R.H. | Temp | R.H. | Tcmp | R.H. | Temp | R.H. |
| 1 | 53 | 100 | 49 | 71 | 54 | 64 | 53 | 53 | 52.3 | 72.0 |
| 2 | 48 | 71 | 42 | 100 | 47 | 70 | 46 | 95 | 45.8 | 84.0 |
| 3 | 50 | 100 | 44 | 100 | 45 | 100 | 46 | 100 | 46.3 | 100.0 |
| 4 | 51 | 100 | 52 | 100 | 55 | 83 | 51 | 86 | 52.3 | 96.6 |
| 5 | 40 | 100 | 38 | 100 | 52 | 62 | 51 | 61 | 45.3 | 80.8 |
| 6 | 49 | 70 | 46 | 100 | 46 | 100 | 46 | 83 | 46.8 | 88.3 |
| 7 | 38 | 92 | 37 | 100 | 42 | 100 | 36 | 100 | 38.3 | 98.0 |
| 8 | 33 | 100 | 33 | 100 | 35 | 100 | 32 | 100 | 33.3 | 100.0 |
| 9 | 33 | 100 | 31 | 97 | 32 | 88 | 30 | 90 | 31.5 | 93.8 |
| 10 | 29 | 87 | 28 | 88 | 32 | 78 | 32 | 87 | 30.3 | 85.0 |
| 11 | 32 | 98 | 32 | 96 | 38 | 54 | 36 | 48 | 34.5 | 74.0 |
| 12 | 29 | 58 | 26 | 60 | 34 | 50 | 31 | 58 | 30.0 | 56.5 |
| 13 | 26 | 64 | 22 | 90 | 43 | 23 | 35 | 34 | 31.5 | 52.8 |
| 14 | 29 | 95 | 23 | 100 | 48 | 29 | 42 | 42 | 35.5 | 66.5 |
| 15 | 37 | 73 | 34 | 100 | 60 | 32 | 50 | 36 | 45.3 | 60.3 |
| 16 | 40 | 80 | 35 | 94 | 59 | 33 | 47 | 63 | 45.3 | 67.5 |
| 17 | 42 | 75 | 41 | 76 | 61 | 60 | 55 | 75 | 49.8 | 71.5 |
| 18 | 51 | 93 | 50 | 100 | 69 | 58 | 63 | 78 | 58.3 | 82.3 |
| 19 | 57 | 100 | 54 | 100 | 61 | 38 | 50 | 62 | 55.5 | 75.0 |
| 20 | 42 | 93 | 40 | 85 | 61 | 25 | 49 | 77 | 48.0 | 70.0 |
| 21 | 49 | 53 | 50 | 53 | 64 | 45 | 55 | 100 | 54.5 | 62.8 |
| 22 | 54 | 90 | 42 | 100 | 63 | 32 | 55 | 41 | 53.5 | 65.8 |
| 23 | 50 | 64 | 40 | 86 | 61 | 37 | 52 | 59 | 50.8 | 61.5 |
| 24 | 44 | 79 | 35 | 100 | 54 | 26 | 46 | 35 | 44.8 | 60.0 |
| 25 | 36 | 77 | 39 | 65 | 59 | 30 | 51 | 51 | 46.3 | 55.8 |
| 26 | 50 | 50 | 45 | 100 | 55 | 100 | 56 | 60 | 51.5 | 77.5 |
| 27 | 39 | 100 | 34 | 100 | 56 | 47 | 47 | 87 | 44.0 | 83.5 |
| 28 | 46 | 95 | 44 | 100 | 54 | 65 | 45 | 75 | 47.3 | 83.8 |
| 29 | 38 | 80 | 33 | 80 | 33 | 62 | 34 | 53 | 34.5 | 68.8 |
| 30 | 28 | 81 | 22 | 100 | 42 | 41 | 40 | 47 | 33.0 | 62.3 |
| 31 | 33 | 75 | 35 | 98 | 56 | 54 | 52 | 51 | 44.0 | 69.5 |
| Avg. | 41.1 | 83.6 | 37.9 | 91.6 | 50.6 | 57.6 | 45.6 | 67.3 | | |

Table 15. Six Hourly Temperature and Relative Humidity, February 1973

| 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 | 49 | 43 | 49 | 100 | 56 | 100 | 60 | 100 | 53.5 | 85.8 |
| 2 | 62 | 100 | 56 | 87 | 54 | 51 | 46 | 67 | 54.5 | 76.3 |
| 3 | 41 | 82 | 36 | 100 | 41 | 67 | 40 | 73 | 39.5 | 80.5 |
| 4 | 32 | 100 | 31 | 100 | 56 | 32 | 50 | 40 | 42.3 | 68.0 |
| 5 | 42 | 71 | 34 | 100 | 61 | 69 | 60 | 78 | 49.3 | 79.5 |
| 6 | 54 | 100 | 52 | 100 | 64 | 66 | 59 | 91 | 57.3 | 89.3 |
| 7 | 51 | 100 | 48 | 96 | 68 | 43 | 58 | 85 | 56.3 | 81.0 |
| 8 | 56 | 100 | 56 | 100 | 62 | 100 | 38 | 100 | 53.0 | 100.0 |
| 9 | 33 | 100 | 29 | 88 | 26 | 100 | 28 | 100 | 29.0 | 97.0 |
| 10 | 26 | 100 | 25 | 86 | 34 | 50 | 35 | 39 | 30.0 | 68.8 |
| 11 | 27 | 57 | 20 | 79 | 43 | 26 | 36 | 44 | 31.5 | 51.5 |
| 12 | 25 | 100 | 27 | 61 | 36 | 35 | 36 | 37 | 31.0 | 58.3 |
| 13 | 32 | 40 | 31 | 45 | 49 | 59 | 48 | 70 | 40.0 | 53.5 |
| 14 | 44 | 79 | 48 | 100 | 60 | 80 | 58 | 75 | 52.5 | 83.5 |
| 15 | 50 | 100 | 43 | 76 | 48 | 54 | 40 | 60 | 45.3 | 72.5 |
| 16 | 33 | 71 | 31 | 72 | 40 | 46 | 33 | 41 | 34.3 | 57.5 |
| 17 | 26 | 61 | 20 | 72 | 34 | 38 | 34 | 47 | 28.5 | 51.3 |
| 18 | 28 | 82 | 32 | 54 | 44 | 27 | 44 | 25 | 37.0 | 47.0 |
| 19 | 36 | 37 | 31 | 42 | 54 | 25 | 46 | 40 | 41.8 | 36.0 |
| 20 | 37 | 66 | 34 | 95 | 59 | 33 | 50 | 51 | 45.0 | 61.3 |
| 21 | 34 | 93 | 29 | 100 | 57 | 27 | 46 | 40 | 41.5 | 65.0 |
| 22 | 39 | 60 | 31 | 69 | 50 | 25 | 47 | 25 | 41.8 | 44.8 |
| 23 | 43 | 45 | 40 | 60 | 54 | 39 | 49 | 47 | 46.5 | 47.8 |
| 24 | 39 | 82 | 41 | 70 | 64 | 22 | 55 | 32 | 49.8 | 51.5 |
| 25 | 48 | 44 | 46 | 60 | 56 | 62 | 56 | 80 | 51.5 | 61.5 |
| 26 | 50 | 100 | 48 | 100 | 64 | 56 | 55 | 90 | 54.3 | 86.5 |
| 27 | 48 | 100 | 44 | 100 | 62 | 43 | 54 | 40 | 52.0 | 70.8 |
| 28 | 40 | 83 | 33 | 100 | 59 | 51 | 52 | 67 | 46.0 | 75.3 |
| Avg. | 40.2 | 78.4 | 37.3 | 82.6 | 52.0 | 50.9 | 46.9 | 60.1 | | |

Table 16. Six Hourly Temperature and Relative Humidity, March 1973

| 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 | 45 | 90 | 42 | 100 | 60 | 42 | 54 | 55 | 50.3 | 71.8 |
| 2 | 52 | 83 | 50 | 100 | 63 | 75 | 56 | 100 | 55.3 | 89.5 |
| 3 | 56 | 100 | 57 | 100 | 70 | 60 | 66 | 72 | 62.3 | 83.0 |
| 4 | 53 | 100 | 55 | 100 | 65 | 95 | 58 | 100 | 59.0 | 98.8 |
| 5 | 55 | 100 | 57 | 100 | 61 | 100 | 63 | 100 | 59.0 | 100.0 |
| 6 | 58 | 100 | 56 | 100 | 68 | 77 | 66 | 95 | 62.0 | 93.0 |
| 7 | 62 | 100 | 60 | 100 | 70 | 72 | 64 | 100 | 64.0 | 93.0 |
| 8 | 58 | 100 | 58 | 100 | 77 | 51 | 69 | 89 | 65.5 | 85.0 |
| 9 | 62 | 100 | 60 | 100 | 67 | 90 | 62 | 100 | 62.8 | 97.5 |
| 10 | 62 | 100 | 61 | 100 | 65 | 90 | 68 | 83 | 64.0 | 93.3 |
| 11 | 65 | 100 | 66 | 100 | 57 | 100 | 59 | 100 | 61.8 | 100.0 |
| 12 | 55 | 100 | 50 | 100 | 76 | 35 | 71 | 47 | 63.0 | 70.5 |
| 13 | 53 | 100 | 50 | 100 | 75 | 63 | 75 | 78 | 63.3 | 85.3 |
| 14 | 64 | 100 | 62 | 100 | 74 | 68 | 74 | 68 | 68.5 | 84.0 |
| 15 | 66 | 100 | 64 | 100 | 78 | 66 | 77 | 69 | 71.3 | 83.8 |
| 16 | 68 | 100 | 66 | 100 | 73 | 88 | 65 | 100 | 68.0 | 97.0 |
| 17 | 47 | 78 | 41 | 89 | 49 | 38 | 46 | 37 | 45.8 | 60.5 |
| 18 | 40 | 65 | 35 | 95 | 59 | 23 | 60 | 34 | 48.5 | 54.3 |
| 19 | 49 | 64 | 41 | 96 | -- | 34 | -- | 60 | 45.0 | 63.5 |
| 20 | -- | 44 | -- | 100 | -- | 100 | -- | 100 | ---- | 86.0 |
| 21 | -- | 100 | -- | 100 | -- | 70 | -- | 45 | ---- | 78.8 |
| 22 | -- | 64 | -- | 76 | 62 | 26 | 53 | 55 | 28.8 | 55.3 |
| 23 | 48 | 47 | 40 | 69 | 66 | 28 | 60 | 40 | 53.5 | 46.0 |
| 24 | 54 | 49 | 49 | 68 | 62 | 33 | 59 | 43 | 57.3 | 48.3 |
| 25 | 53 | 100 | 55 | 100 | 68 | 61 | 65 | 35 | 60.3 | 74.0 |
| 26 | 55 | 93 | 51 | 100 | 57 | 63 | 54 | 80 | 54.3 | 84.0 |
| 27 | 51 | 100 | 48 | 100 | 64 | 47 | 59 | 64 | 55.5 | 77.8 |
| 28 | 50 | 100 | 52 | 84 | 68 | 45 | 62 | 57 | 58.0 | 71.5 |
| 29 | 56 | 100 | 55 | 100 | 54 | 100 | 54 | 100 | 54.8 | 100.0 |
| 30 | 54 | 100 | 52 | 100 | 55 | 100 | 58 | 100 | 54.8 | 100.0 |
| 31 | 59 | 100 | 62 | 100 | 70 | 100 | 67 | 100 | 64.5 | 100.0 |
| Avg. | 55.4 | 89.6 | 53.4 | 96.7 | 65.5 | 65.8 | 62.3 | 79.9 | | |

- Missing data.

Table 17. Six Hourly Temperature and Relative Humidity, April 1973

| 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 | 66 | 100 | 55 | 100 | 69 | 34 | 68 | 23 | 64.5 | 64.3 |
| 2 | 53 | 67 | 46 | 100 | 69 | 28 | 65 | 44 | 58.3 | 59.8 |
| 3 | 54 | 87 | 53 | 100 | 58 | 100 | 60 | 100 | 56.3 | 96.8 |
| 4 | 58 | 100 | 56 | 93 | 57 | 55 | 50 | 65 | 55.3 | 78.3 |
| 5 | 43 | 100 | 40 | 100 | 58 | 36 | 56 | 46 | 49.3 | 70.5 |
| 6 | 44 | 85 | 43 | 100 | 62 | 36 | 58 | 50 | 51.8 | 67.8 |
| 7 | 52 | 92 | 50 | 100 | 52 | 100 | 56 | 100 | 52.5 | 98.0 |
| 8 | 51 | 93 | 47 | 94 | 59 | 53 | 61 | 60 | 54.5 | 75.0 |
| 9 | 47 | 95 | 43 | 100 | 55 | 100 | 55 | 39 | 50.0 | 83.5 |
| 10 | 45 | 55 | 38 | 77 | 51 | 38 | 51 | 37 | 46.3 | 51.8 |
| 11 | 39 | 66 | 31 | 100 | 56 | 27 | 55 | 25 | 45.3 | 54.5 |
| 12 | 42 | 73 | 38 | 100 | 68 | 32 | 66 | 39 | 53.5 | 61.0 |
| 13 | 51 | 94 | 49 | 80 | 68 | 28 | 63 | 29 | 57.8 | 57.8 |
| 14 | 30 | 43 | 47 | 47 | 71 | 25 | 67 | 48 | 53.8 | 57.0 |
| 15 | 52 | 87 | 52 | 100 | 72 | 52 | 69 | 59 | 61.3 | 74.5 |
| 16 | 62 | 77 | 57 | 97 | 71 | 52 | 69 | 59 | 64.8 | 71.3 |
| 17 | 62 | 83 | 60 | 91 | 70 | 76 | 66 | 82 | 64.5 | 83.0 |
| 18 | 62 | 100 | 60 | 100 | 99 | 80 | 63 | 100 | 71.0 | 95.0 |
| 19 | 60 | 100 | 60 | 100 | 76 | 58 | 71 | 66 | 66.8 | 81.0 |
| 20 | 63 | 100 | 60 | 100 | 56 | 62 | 75 | 52 | 63.5 | 78.5 |
| 21 | 65 | 92 | 61 | 100 | 76 | 48 | 76 | 45 | 69.5 | 71.3 |
| 22 | 65 | 83 | 60 | 100 | 73 | 57 | 72 | 67 | 67.8 | 76.8 |
| 23 | 61 | 100 | 59 | 100 | 71 | 70 | 70 | 96 | 65.3 | 91.5 |
| 24 | 68 | 100 | 62 | 100 | 78 | 51 | 71 | 79 | 69.8 | 82.5 |
| 25 | 66 | 100 | 62 | 100 | 62 | 100 | 62 | 100 | 63.0 | 100.0 |
| 26 | 61 | 100 | 63 | 100 | 61 | 100 | 62 | 100 | 61.8 | 100.0 |
| 27 | 57 | 100 | 53 | 100 | 56 | 76 | 54 | 59 | 55.0 | 83.8 |
| 28 | 46 | 91 | 47 | 78 | 63 | 30 | 57 | 60 | 53.3 | 64.8 |
| 29 | 44 | 100 | 53 | 47 | 69 | 22 | 62 | 64 | 57.0 | 58.3 |
| 30 | 49 | 100 | 51 | 99 | 77 | 37 | 73 | 61 | 62.5 | 74.3 |
| Avg. | 57.0 | 95.4 | 55.3 | 93.4 | 70.0 | 57.1 | 67.9 | 65.9 | | |

Table 18. Six Hourly Temperature and Relative Humidity, May 1973

| 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 | -- | 100 | -- | 100 | -- | 50 | 73 | 58 | 73.0 | 77.0 |
| 2 | -- | 80 | -- | 100 | 72 | 68 | 70 | 80 | 71.0 | 64.7 |
| 3 | -- | 100 | 60 | 100 | 70 | 85 | 64 | 69 | 64.6 | 88.5 |
| 4 | -- | 100 | -- | 85 | 69 | 26 | 66 | 24 | 67.5 | 58.8 |
| 5 | -- | 67 | -- | 62 | 70 | 24 | 71 | 31 | 70.5 | 46.0 |
| 6 | -- | 100 | -- | 71 | 67 | 43 | 59 | 61 | 63.0 | 68.8 |
| 7 | 58 | 82 | 57 | 100 | 74 | 67 | 68 | 100 | 64.3 | 87.3 |
| 8 | 66 | 100 | 65 | 100 | 68 | 94 | 71 | 100 | 67.5 | 98.5 |
| 9 | 65 | 100 | 63 | 100 | 77 | 36 | 72 | 68 | 69.3 | 76.0 |
| 10 | 58 | 100 | 62 | 88 | 81 | 42 | 77 | 54 | 69.5 | 71.0 |
| 11 | 67 | 98 | 66 | 99 | 84 | 44 | 70 | 64 | 71.8 | 76.3 |
| 12 | 59 | 100 | 61 | 100 | 74 | 66 | 70 | 91 | 66.0 | 89.3 |
| 13 | 62 | 84 | 58 | 60 | 67 | 41 | 67 | 70 | 63.5 | 63.8 |
| 14 | 57 | 70 | 54 | 64 | 73 | 31 | 70 | 39 | 63.5 | 51.0 |
| 15 | 66 | 67 | 53 | 67 | 71 | 33 | 67 | 35 | 64.3 | 50.5 |
| 16 | 62 | 65 | 60 | 82 | 69 | 33 | 67 | 43 | 64.5 | 55.8 |
| 17 | 50 | 100 | 53 | 75 | 73 | 44 | 68 | 39 | 61.0 | 64.5 |
| 18 | 54 | 57 | 54 | 55 | 70 | 32 | 66 | 41 | 61.0 | 46.3 |
| 19 | 49 | 100 | 55 | 76 | 75 | 66 | 75 | 58 | 63.5 | 79.3 |
| 20 | 66 | 78 | 59 | 100 | 70 | 83 | 74 | 78 | 67.3 | 84.8 |
| 21 | 60 | 100 | 61 | 100 | 80 | 53 | 80 | 54 | 70.3 | 76.8 |
| 22 | 65 | 84 | 65 | 75 | 78 | 73 | 81 | 86 | 72.3 | 79.5 |
| 23 | 71 | 100 | 69 | 100 | 82 | 60 | 80 | 66 | 75.5 | 81.5 |
| 24 | 63 | 100 | 62 | 100 | 71 | 85 | 74 | 56 | 67.5 | 85.3 |
| 25 | 59 | 100 | 62 | 100 | 74 | 78 | 73 | 100 | 67.0 | 94.5 |
| 26 | 66 | 100 | 66 | 100 | 75 | 100 | 64 | 100 | 67.8 | 100.0 |
| 27 | 63 | 100 | 66 | 100 | 79 | 85 | 78 | 88 | 71.5 | 93.3 |
| 28 | 74 | 100 | 64 | 100 | 84 | 75 | 80 | 86 | 75.5 | 90.3 |
| 29 | 68 | 100 | 64 | 100 | 75 | 62 | 74 | 64 | 70.3 | 81.5 |
| 30 | 64 | 100 | 64 | 96 | 80 | 42 | 78 | 60 | 71.5 | 74.5 |
| 31 | 64 | 99 | 66 | 84 | 83 | 39 | 76 | 72 | 72.3 | 73.5 |
| Avg. | 62.2 | 91.3 | 61.1 | 88.4 | 74.5 | 56.8 | 71.7 | 65.6 | | |

- Missing data.

Table 19. Six Hourly Temperature and Relative Humidity, June 1973

| 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 | 69 | 89 | 66 | 100 | 74 | 88 | 70 | 100 | 69.8 | 94.3 |
| 2 | 63 | 100 | 66 | 100 | 83 | 47 | 80 | 80 | 73.0 | 81.8 |
| 3 | 66 | 100 | 71 | 96 | 83 | 60 | 80 | 65 | 75.0 | 80.3 |
| 4 | 67 | 100 | 68 | 100 | 84 | 44 | 81 | 68 | 75.0 | 78.0 |
| 5 | 71 | 100 | 70 | 100 | 83 | 60 | 67 | 100 | 72.8 | 90.0 |
| 6 | 67 | 100 | 69 | 100 | 66 | 100 | 74 | 100 | 69.0 | 100.0 |
| 7 | 66 | 100 | 67 | 100 | 80 | 71 | 71 | 100 | 71.0 | 92.8 |
| 8 | 67 | 100 | 69 | 99 | 78 | 78 | 74 | 96 | 72.0 | 87.8 |
| 9 | 69 | 100 | 70 | 100 | 81 | 62 | 76 | 90 | 74.0 | 88.0 |
| 10 | 68 | 100 | 69 | 100 | 81 | 65 | 78 | 100 | 74.0 | 91.3 |
| 11 | 70 | 100 | 71 | 100 | 85 | 58 | 80 | 92 | 76.5 | 87.5 |
| 12 | 72 | 100 | 72 | 100 | 82 | 70 | 67 | 100 | 73.3 | 92.5 |
| 13 | 67 | 100 | 66 | 100 | 80 | 72 | 78 | 90 | 72.8 | 90.5 |
| 14 | 69 | 100 | 70 | 100 | 86 | 66 | 73 | 94 | 74.5 | 90.0 |
| 15 | 67 | 100 | 72 | 100 | 85 | 52 | 80 | 74 | 76.0 | 81.5 |
| 16 | 70 | 100 | 74 | 90 | 84 | 60 | 82 | 69 | 77.5 | 79.8 |
| 17 | 71 | 100 | 73 | 91 | 86 | 52 | 67 | 100 | 74.3 | 85.8 |
| 18 | 66 | 100 | 66 | 100 | 84 | 60 | 82 | 83 | 74.5 | 85.8 |
| 19 | 72 | 100 | 71 | 100 | 84 | 63 | 70 | 100 | 74.3 | 90.8 |
| 20 | 68 | 100 | 68 | 100 | 83 | 70 | 74 | 87 | 73.3 | 89.3 |
| 21 | 66 | 100 | 68 | 100 | 84 | 62 | 74 | 82 | 73.0 | 86.0 |
| 22 | 70 | 100 | 69 | 100 | 83 | 56 | 79 | 67 | 75.3 | 80.8 |
| 23 | 67 | 100 | 65 | 92 | 82 | 38 | 81 | 50 | 73.8 | 70.0 |
| 22 | 64 | 100 | 68 | 62 | 83 | 31 | 82 | 34 | 74.3 | 56.8 |
| 25 | 65 | 100 | 62 | 100 | 80 | 58 | 81 | 58 | 72.0 | 79.0 |
| 26 | 66 | 97 | 66 | 88 | 83 | 44 | 81 | 70 | 74.0 | 74.8 |
| 27 | 68 | 100 | 67 | 94 | 83 | 52 | 79 | 71 | 74.3 | 79.3 |
| 28 | 72 | 100 | 70 | 100 | 84 | 61 | 75 | 100 | 75.3 | 90.3 |
| 29 | 66 | 100 | 66 | 100 | 80 | 36 | 78 | 50 | 72.5 | 71.5 |
| 30 | 61 | 100 | 68 | 72 | 85 | 33 | 80 | 67 | 73.5 | 68.0 |
| Avg. | 67.7 | 99.5 | 68.6 | 96.1 | 82.0 | 59.0 | 76.5 | 81.2 | | |

Table 20. Six Hourly Temperature and Relative Humidity, July 1973

| 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 | 71 | 90 | 70 | 74 | 78 | 70 | 81 | 70 | 75.0 | 76.0 |
| 2 | 67 | 100 | 69 | 100 | 89 | 44 | 87 | 54 | 78.0 | 74.5 |
| 3 | 75 | 95 | 69 | 100 | 90 | 42 | 87 | 50 | 80.3 | 71.8 |
| 4 | 72 | 100 | 69 | 100 | 89 | 45 | 86 | 60 | 79.0 | 76.3 |
| 5 | 75 | 100 | 70 | 100 | 88 | 50 | 85 | 60 | 79.5 | 77.5 |
| 6 | 72 | 100 | 70 | 100 | 85 | 58 | 71 | 100 | 74.5 | 89.5 |
| 7 | 68 | 100 | 67 | 100 | 84 | 62 | 76 | 86 | 73.8 | 87.0 |
| 8 | 69 | 100 | 67 | 100 | 84 | 62 | 85 | 60 | 76.3 | 80.5 |
| 9 | 70 | 100 | 69 | 100 | 87 | 65 | 73 | 100 | 74.8 | 91.3 |
| 10 | 71 | 100 | 72 | 100 | 89 | 62 | 71 | 100 | 75.8 | 90.5 |
| 11 | 70 | 100 | 70 | 100 | 83 | 74 | 82 | 93 | 76.3 | 91.8 |
| 12 | 73 | 98 | 73 | 98 | 85 | 92 | 81 | 84 | 78.0 | 93.0 |
| 13 | 75 | 100 | 75 | 100 | 87 | 70 | 81 | 100 | 79.5 | 92.5 |
| 14 | 75 | 100 | 76 | 100 | 79 | 100 | 75 | 100 | 76.3 | 100.0 |
| 15 | 72 | 100 | 73 | 100 | 85 | 62 | 79 | 93 | 77.3 | 88.8 |
| 16 | 72 | 100 | 71 | 100 | 86 | 64 | 77 | 100 | 76.5 | 91.0 |
| 17 | 71 | 100 | 71 | 100 | 88 | 64 | 83 | 82 | 78.3 | 86.5 |
| 18 | 74 | 100 | 74 | 100 | 76 | 100 | 75 | 100 | 74.8 | 94.0 |
| 19 | 72 | 100 | 73 | 100 | 82 | 83 | 77 | 100 | 76.0 | 95.8 |
| 20 | 71 | 99 | 74 | 75 | 86 | 62 | 81 | 78 | 78.0 | 78.5 |
| 21 | 71 | 100 | 75 | 100 | 89 | 54 | 82 | 100 | 79.3 | 88.5 |
| 22 | 73 | 100 | 74 | 100 | 89 | 62 | 84 | 86 | 80.0 | 87.0 |
| 23 | 74 | 100 | 75 | 100 | 91 | 52 | 86 | 64 | 81.5 | 79.0 |
| 24 | 72 | 100 | 73 | 99 | 87 | 54 | 82 | 76 | 78.5 | 82.3 |
| 25 | 74 | 100 | 73 | 100 | 78 | 96 | 76 | 100 | 75.3 | 99.0 |
| 26 | 70 | 100 | 70 | 100 | 80 | 76 | 71 | 100 | 72.8 | 94.0 |
| 27 | 70 | 100 | 70 | 100 | 83 | 72 | 75 | 100 | 74.5 | 93.0 |
| 28 | 71 | 100 | 72 | 100 | 85 | 77 | 72 | 100 | 75.0 | 94.3 |
| 29 | 68 | 100 | 72 | 100 | 88 | 52 | 82 | 89 | 77.5 | 85.3 |
| 30 | 70 | 100 | 71 | 100 | 85 | 60 | 85 | 76 | 77.8 | 84.0 |
| 31 | 70 | 100 | 71 | 100 | 86 | 73 | 90 | 58 | 79.3 | 82.8 |
| Avg. | 71.5 | 99.4 | 71.5 | 98.3 | 85.2 | 66.4 | 79.9 | 84.4 | | |

- Missing data.

Table 21. Six Hourly Temperature and Relative Humidity, August 1973

| 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 | -- | 100 | -- | 100 | -- | 83 | -- | 70 | --- | 88.3 |
| 2 | -- | 100 | -- | 100 | -- | 100 | -- | 85 | --- | 96.3 |
| 3 | -- | 100 | -- | 100 | 78 | 78 | 82 | 54 | 80.0 | 83.0 |
| 4 | -- | 99 | -- | 100 | 77 | 56 | -- | 57 | 77.0 | 78.0 |
| 5 | -- | 100 | -- | 100 | -- | 78 | -- | 87 | -- | 91.3 |
| 6 | -- | 100 | -- | 100 | 82 | 70 | 77 | 100 | 79.5 | 92.5 |
| 7 | 70 | 100 | 70 | 100 | 76 | 100 | 71 | 100 | 71.8 | 100.0 |
| 8 | 69 | 100 | 68 | 100 | 84 | 68 | 77 | 100 | 74.5 | 92.0 |
| 9 | 70 | 100 | 70 | 100 | 86 | 66 | 74 | 100 | 75.0 | 91.5 |
| 10 | 70 | 100 | 72 | 100 | 85 | 60 | 73 | 100 | 75.0 | 90.0 |
| 11 | 69 | 100 | 70 | 100 | 80 | 87 | 77 | 100 | 74.0 | 96.8 |
| 12 | 71 | 100 | 69 | 100 | 82 | 71 | 77 | 75 | 74.8 | 86.5 |
| 13 | 69 | 100 | 67 | 100 | 82 | 67 | 77 | 100 | 73.8 | 91.8 |
| 14 | 67 | 100 | 68 | 100 | 84 | 63 | 72 | 96 | 72.8 | 89.8 |
| 15 | 69 | 100 | 71 | 100 | 84 | 61 | 69 | 100 | 73.3 | 90.3 |
| 16 | 66 | 100 | 69 | 100 | 80 | 92 | 69 | 100 | 71.0 | 98.0 |
| 17 | 68 | 100 | 71 | 100 | 83 | 68 | 73 | 100 | 73.8 | 92.0 |
| 18 | 67 | 100 | 71 | 100 | 83 | 75 | 73 | 100 | 73.5 | 93.8 |
| 19 | 67 | 100 | 70 | 90 | 85 | 45 | 73 | 100 | 73.8 | 83.8 |
| 20 | 67 | 100 | 69 | 82 | 85 | 48 | 81 | 76 | 75.5 | 76.5 |
| 21 | 71 | 100 | 69 | 100 | 82 | 73 | 75 | 47 | 74.3 | 80.0 |
| 22 | 65 | 76 | 61 | 93 | 78 | 50 | 73 | 83 | 69.3 | 75.5 |
| 23 | 65 | 100 | 62 | 100 | 79 | 52 | 74 | 71 | 70.0 | 80.8 |
| 24 | 64 | 100 | 63 | 100 | 81 | 53 | 74 | 90 | 70.5 | 85.8 |
| 25 | 67 | 100 | 67 | 98 | 83 | 53 | 76 | 88 | 73.3 | 84.8 |
| 26 | 70 | 99 | 69 | 100 | 82 | 58 | 77 | 84 | 74.5 | 85.3 |
| 27 | 70 | 100 | 69 | 100 | 85 | 52 | 80 | 94 | 76.0 | 86.5 |
| 28 | 68 | 100 | 68 | 100 | 87 | 47 | 79 | 87 | 75.5 | 83.5 |
| 29 | -- | 100 | 69 | 100 | 87 | 49 | 79 | 84 | 78.3 | 83.3 |
| 30 | -- | 100 | 70 | 89 | 86 | 45 | 79 | 77 | 78.3 | 77.8 |
| 31 | 71 | 100 | 69 | 100 | 80 | 86 | 71 | 100 | 72.8 | 96.5 |
| Avg. | 62.8 | 99.2 | 68.4 | 98.5 | 82.4 | 66.3 | 75.3 | 87.3 | | |

- Missing data.

Table 22. Six Hourly Temperature and Relative Humidity, September 1973

| 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 | 69 | 100 | 71 | 99 | 83 | 60 | 73 | 87 | 74.0 | 86.4 |
| 2 | 67 | 100 | 69 | 100 | 82 | 59 | 77 | 80 | 73.8 | 84.8 |
| 3 | 69 | 100 | 67 | 100 | 83 | 54 | 83 | 56 | 75.5 | 77.5 |
| 4 | 73 | 89 | 69 | 100 | 85 | 49 | 83 | 55 | 77.5 | 73.3 |
| 5 | 73 | 59 | 70 | 100 | 83 | 59 | 82 | 62 | 77.0 | 70.0 |
| 6 | 71 | 100 | 69 | 100 | 86 | 60 | 81 | 74 | 76.8 | 83.5 |
| 7 | 72 | 100 | 69 | 100 | 88 | 52 | 80 | 85 | 77.3 | 84.3 |
| 8 | 69 | 100 | 68 | 100 | 89 | 45 | 89 | 46 | 78.8 | 72.8 |
| 9 | 74 | 90 | 68 | 100 | 85 | 66 | 77 | 100 | 76.0 | 89.0 |
| 10 | 73 | 100 | 72 | 100 | 82 | 74 | 87 | 63 | 78.5 | 84.3 |
| 11 | 71 | 100 | 69 | 100 | 84 | 70 | 85 | --- | 77.3 | 90.0 |
| 12 | 71 | 100 | 67 | --- | -- | --- | -- | --- | 69.0 | 100.0 |
| 13 | -- | --- | 71 | --- | 78 | --- | 72 | --- | 73.7 | ----- |
| 14 | 72 | --- | 72 | --- | 83 | --- | 81 | --- | 77.0 | ----- |
| 15 | 69 | --- | 65 | --- | -- | --- | -- | --- | 67.0 | ----- |
| 16 | -- | --- | -- | --- | 82 | 55 | 79 | 80 | 80.5 | 67.5 |
| 17 | 70 | 100 | 66 | 100 | 77 | 69 | 74 | 100 | 71.8 | 92.3 |
| 18 | 69 | 100 | 63 | 100 | 79 | 61 | 74 | 73 | 71.3 | 83.5 |
| 19 | 59 | 100 | 50 | 100 | 74 | 32 | 73 | 42 | 64.0 | 68.5 |
| 20 | 58 | 80 | 56 | 100 | 81 | 37 | 77 | 47 | 68.0 | 66.0 |
| 21 | 66 | 77 | 64 | 93 | 85 | 45 | 79 | 75 | 73.5 | 72.5 |
| 22 | 73 | 88 | 67 | 100 | 85 | 51 | 81 | 57 | 76.5 | 74.0 |
| 23 | 70 | 99 | 64 | 100 | 85 | 45 | 82 | 52 | 74.3 | 74.0 |
| 24 | 68 | 100 | 64 | 100 | 84 | 44 | 75 | 71 | 72.8 | 78.8 |
| 25 | 69 | 93 | 66 | 100 | 83 | 62 | 73 | 81 | 72.8 | 84.0 |
| 26 | 70 | 97 | 69 | 100 | 72 | 82 | 70 | 100 | 70.3 | 94.8 |
| 27 | 69 | 100 | 70 | 100 | 82 | 56 | 73 | 100 | 73.5 | 89.0 |
| 28 | 69 | 100 | 69 | 100 | 80 | 70 | 71 | 100 | 72.3 | 92.5 |
| 29 | 68 | 100 | 69 | 100 | 83 | 57 | 74 | 100 | 73.5 | 89.3 |
| 30 | 70 | 100 | 67 | 100 | 83 | 63 | 64 | 100 | 71.0 | 90.8 |
| Avg. | 69.3 | 94.8 | 66.9 | 95.8 | 82.4 | 56.8 | 77.4 | 75.4 | | |

- Missing data.

Table 23. Six Hourly Temperature and Relative Humidity, October 1973

| 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 | 64 | 100 | 65 | 100 | 71 | 100 | 67 | 100 | 66.8 | 100.0 |
| 2 | 64 | 100 | 63 | 100 | 77 | 68 | 68 | 100 | 68.0 | 92.0 |
| 3 | 64 | 100 | 66 | 99 | 81 | 48 | 68 | 100 | 69.8 | 86.8 |
| 4 | 65 | 100 | 69 | 82 | 83 | 43 | 67 | 99 | 71.0 | 81.0 |
| 5 | 61 | 100 | 67 | 87 | 83 | 84 | 69 | 99 | 70.0 | 92.5 |
| 6 | 64 | 100 | 67 | 79 | 81 | 40 | 71 | 86 | 70.8 | 76.3 |
| 7 | 63 | 93 | 62 | 84 | 79 | 49 | 67 | 79 | 67.8 | 76.3 |
| 8 | 62 | 81 | -- | --- | -- | --- | -- | --- | ---- | ----- |
| 9 | -- | --- | -- | --- | 84 | 45 | 74 | 78 | 79.0 | 61.5 |
| 10 | 69 | 99 | 65 | 100 | 83 | 49 | 74 | 79 | 72.8 | 81.8 |
| 11 | 69 | 99 | 65 | 100 | 82 | 47 | 73 | 68 | 72.3 | 78.5 |
| 12 | 66 | 84 | 64 | 99 | 79 | 65 | 71 | 81 | 70.0 | 82.3 |
| 13 | 65 | 88 | 63 | 100 | 82 | 54 | 69 | 100 | 69.8 | 85.5 |
| 14 | 63 | 100 | 65 | 100 | 78 | 80 | 72 | 100 | 69.5 | 95.0 |
| 15 | 69 | 100 | 64 | 100 | 83 | 35 | 67 | 100 | 70.8 | 83.8 |
| 16 | 61 | 100 | 62 | 100 | 73 | 80 | 69 | 100 | 66.3 | 95.0 |
| 17 | 63 | 55 | 56 | 47 | 72 | 30 | 61 | 48 | 63.0 | 45.0 |
| 18 | 54 | 51 | 51 | 57 | 78 | 21 | 61 | 76 | 61.3 | 51.3 |
| 19 | 56 | 50 | 56 | 64 | 80 | 31 | 66 | 64 | 64.5 | 52.3 |
| 20 | 63 | 65 | 54 | 99 | 81 | 30 | 64 | 84 | 65.5 | 69.5 |
| 21 | 60 | 86 | 57 | 100 | 83 | 29 | 67 | 80 | 66.8 | 73.8 |
| 22 | 63 | 82 | 60 | 100 | 81 | 58 | 71 | 96 | 68.8 | 84.0 |
| 23 | 63 | 100 | 57 | 100 | 80 | 43 | 67 | 100 | 66.8 | 85.8 |
| 24 | 57 | 100 | 54 | 100 | 89 | 33 | 65 | 87 | 66.3 | 80.0 |
| 25 | 55 | 100 | 54 | 100 | 82 | 30 | 65 | 80 | 64.0 | 77.5 |
| 26 | 58 | 98 | 57 | 100 | 82 | 40 | 68 | 84 | 66.3 | 80.5 |
| 27 | 59 | 100 | 55 | 100 | 83 | 34 | 67 | 90 | 66.0 | 81.0 |
| 28 | 65 | 88 | 61 | 100 | 67 | 99 | 56 | 100 | 62.3 | 96.8 |
| 29 | 48 | 98 | 43 | 100 | 58 | 50 | 51 | 74 | 50.0 | 80.5 |
| 30 | 43 | 100 | 41 | 100 | 67 | 46 | 62 | 63 | 53.3 | 77.3 |
| 31 | 54 | 98 | 55 | 99 | 60 | 100 | 66 | 98 | 58.8 | 98.8 |
| Avg. | 61.0 | 90.5 | 59.2 | 90.66 | 78.1 | 52.0 | 66.8 | 86.4 | | |

- Missing data.

Table 25. Six Hourly Temperature and Relative Humidity, December 1973

| 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 | 49 | 80 | 47 | 86 | 72 | 30 | 58 | 78 | 56.5 | 68.5 |
| 2 | 51 | 99 | 52 | 80 | 72 | 38 | 60 | 88 | 58.8 | 76.3 |
| 3 | 59 | 100 | 58 | 100 | 73 | 66 | 68 | 79 | 64.5 | 86.3 |
| 4 | 66 | 100 | 62 | 100 | 67 | 100 | 69 | 100 | 66.0 | 100.0 |
| 5 | 63 | 100 | 56 | 100 | 64 | 50 | 50 | 100 | 58.3 | 87.5 |
| 6 | 43 | 100 | 39 | 100 | 60 | 33 | 49 | 60 | 47.8 | 73.3 |
| 7 | 43 | 74 | 37 | 100 | 52 | 51 | 45 | 79 | 44.3 | 76.0 |
| 8 | 35 | 100 | 34 | 100 | 54 | 61 | 48 | 86 | 42.8 | 86.8 |
| 9 | 39 | 100 | 37 | 100 | 57 | 43 | 49 | 65 | 45.5 | 77.0 |
| 10 | 39 | 100 | 33 | 100 | 49 | 46 | 47 | 40 | 42.0 | 71.5 |
| 11 | 37 | 47 | 31 | 74 | 49 | 33 | 48 | 38 | 41.3 | 48.0 |
| 12 | 36 | 99 | 43 | 62 | 51 | 59 | 63 | 63 | 48.3 | 70.8 |
| 13 | 60 | 100 | 61 | 100 | 73 | 52 | 73 | 33 | 66.8 | 71.3 |
| 14 | 55 | 68 | 43 | 100 | 59 | 45 | 57 | 57 | 53.5 | 67.5 |
| 15 | 45 | 100 | 53 | 89 | 57 | 100 | 53 | 100 | 52.0 | 97.3 |
| 16 | 49 | 100 | 45 | 98 | 43 | 77 | 41 | 68 | 44.5 | 85.8 |
| 17 | 36 | 68 | 33 | 69 | 43 | 47 | 37 | 65 | 37.3 | 62.3 |
| 18 | 33 | 57 | 34 | 59 | 57 | 18 | 43 | 56 | 41.8 | 47.5 |
| 19 | 41 | 52 | 39 | 64 | 54 | 62 | 48 | 75 | 45.5 | 63.3 |
| 20 | 49 | 100 | 50 | 100 | 59 | 100 | 39 | 100 | 49.3 | 100.0 |
| 21 | 35 | 100 | 30 | 70 | 37 | 50 | 34 | 60 | 34.0 | 72.3 |
| 22 | 28 | 94 | 24 | 100 | 49 | 22 | 39 | 49 | 35.0 | 66.3 |
| 23 | 52 | 100 | 37 | 68 | 61 | 37 | 50 | 95 | 50.0 | 75.0 |
| 24 | 47 | 94 | 44 | 56 | -- | 57 | -- | 70 | 45.5 | 69.3 |
| 25 | -- | 97 | -- | 100 | 67 | 92 | 70 | 99 | 68.5 | 97.0 |
| 26 | 65 | 100 | 66 | 100 | 71 | 90 | 65 | 82 | 66.8 | 93.0 |
| 27 | 50 | 100 | 48 | 100 | 62 | 46 | 54 | 70 | 53.5 | 79.0 |
| 28 | 44 | 90 | 36 | 100 | 61 | 27 | 52 | 80 | 48.3 | 74.3 |
| 29 | 45 | 100 | 50 | 100 | 67 | 95 | 68 | 100 | 57.5 | 98.8 |
| 30 | 63 | 100 | 54 | 100 | 57 | 100 | 65 | 100 | 59.8 | 100.0 |
| 31 | 67 | 100 | 69 | 100 | 68 | 100 | 60 | 100 | 66.0 | 100.0 |
| Avg. | 47.5 | 87.7 | 44.8 | 89.8 | 58.8 | 55.7 | 53.4 | 75.3 | | |

- Missing data.

Table 26. Soil Temperature and Wind, January 1973

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 55 | 53 | 56 | 55 | 55 | 55 | N | 162 |
| 2 | 51 | 49 | 51 | 51 | 51 | 51 | N | 146 |
| 3 | 52 | 48 | 55 | 46 | 52 | 48 | E | 197 |
| 4 | 63 | 49 | 56 | 52 | 57 | 50 | N | 66 |
| 5 | 61 | 46 | 59 | 49 | 55 | 49 | N | 79 |
| 6 | 56 | 46 | 55 | 49 | 54 | 46 | N | 145 |
| 7 | 46 | 46 | 48 | 48 | 48 | 48 | E | 173 |
| 8 | 42 | 40 | 43 | 43 | 42 | 42 | N | 136 |
| 9 | 40 | 40 | 42 | 42 | 41 | 41 | N | 123 |
| 10 | 38 | 36 | 40 | 38 | 39 | 38 | -- | --- |
| 11 | 47 | 35 | 47 | 37 | 43 | 37 | -- | --- |
| 12 | 42 | 36 | 43 | 38 | 40 | 36 | N | 155 |
| 13 | 58 | 34 | 47 | 35 | 42 | 36 | N | 69 |
| 14 | 52 | 34 | 50 | 36 | 44 | 34 | W | 61 |
| 15 | 57 | 34 | 54 | 37 | 49 | 36 | W | 114 |
| 16 | 60 | 39 | 56 | 35 | 39 | 39 | E | 86 |
| 17 | 57 | 37 | 55 | 40 | 50 | 36 | E | 82 |
| 18 | 63 | 38 | 60 | 42 | 55 | 41 | SE | 155 |
| 19 | 64 | 47 | 62 | 49 | 58 | 45 | W | 125 |
| 20 | 61 | 47 | 58 | 47 | 54 | 47 | N | 61 |
| 21 | 55 | 46 | 49 | 48 | 52 | 47 | E | 229 |
| 22 | 61 | 46 | 60 | 48 | 55 | 48 | SW | 113 |
| 23 | 62 | 45 | 60 | 48 | 55 | 48 | W | 80 |
| 24 | 60 | 41 | 58 | 45 | 53 | 46 | N | 90 |
| 25 | 58 | 40 | 56 | 44 | 52 | 44 | NE | 86 |
| 26 | 58 | 45 | 57 | 48 | 53 | 43 | E | 190 |
| 27 | 62 | 42 | 60 | 44 | 54 | 44 | -- | --- |
| 28 | 57 | 42 | 56 | 45 | 53 | 44 | -- | --- |
| 29 | 47 | 41 | 48 | 44 | 45 | 45 | -- | --- |
| 30 | 51 | 37 | 51 | 39 | 46 | 39 | -- | --- |
| 31 | 54 | 35 | 53 | 38 | 48 | 37 | -- | --- |
| Total | 1690 | 1291 | 1645 | 1360 | 1524 | 1340 | | 2923* |
| Avg. | 54.5 | 41.6 | 53.1 | 43.9 | 49.2 | 43.2 | N | 121.8 |

- Missing data.

* Total does not include missing data.

Table 27. Soil Temperature and Wind, February 1973

| 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 | 37 | 57 | 40 | 54 | 38 | E | 194 |
| 2 | 61 | 46 | 59 | 48 | 56 | 44 | W | 187 |
| 3 | 50 | 42 | 50 | 45 | 47 | 45 | NW | 151 |
| 4 | 60 | 38 | 57 | 40 | 53 | 40 | SW | 72 |
| 5 | 63 | 40 | 60 | 41 | 55 | 39 | SW | 96 |
| 6 | 64 | 39 | 59 | 43 | 57 | 41 | SW | 83 |
| 7 | 68 | 48 | 65 | 50 | 60 | 49 | SE | 76 |
| 8 | 59 | 47 | 54 | 50 | 55 | 48 | N | 171 |
| 9 | 39 | 40 | 43 | 42 | 44 | 44 | N | 199 |
| 10 | 36 | 36 | 38 | 38 | 38 | 37 | N | 124 |
| 11 | 45 | 35 | 40 | 38 | 40 | 38 | SE | 69 |
| 12 | 41 | 35 | 40 | 38 | 38 | 37 | E | 132 |
| 13 | 50 | 35 | 48 | 37 | 44 | 35 | E | 175 |
| 14 | 62 | 34 | 59 | 37 | 54 | 34 | W | 152 |
| 15 | 58 | 47 | 57 | 47 | 52 | 45 | W | 222 |
| 16 | 53 | 39 | 53 | 42 | 47 | 42 | N | 226 |
| 17 | 46 | 36 | 46 | 38 | 42 | 39 | N | 95 |
| 18 | 57 | 34 | 55 | 38 | 48 | 37 | E | 99 |
| 19 | 58 | 37 | 56 | 40 | 55 | 38 | E | 77 |
| 20 | 62 | 36 | 59 | 39 | 52 | 39 | N | 140 |
| 21 | 60 | 38 | 56 | 40 | 51 | 41 | N | 132 |
| 22 | 60 | 36 | 57 | 40 | 51 | 39 | W | 113 |
| 23 | 64 | 35 | 61 | 39 | 57 | 38 | W | 106 |
| 24 | 68 | 41 | 65 | 44 | 63 | 44 | E | 100 |
| 25 | 57 | 44 | 55 | 53 | 52 | 45 | E | 117 |
| 26 | 63 | 47 | 60 | 50 | 56 | 46 | N | 69 |
| 27 | 68 | 48 | 65 | 50 | 60 | 47 | N | 137 |
| 28 | 69 | 43 | 66 | 46 | 59 | 48 | E | 137 |
| Total | 1598 | 1113 | 1540 | 1193 | 1440 | 1157 | | 779 |
| Avg. | 57.1 | 39.8 | 55.0 | 42.6 | 51.4 | 41.3 | N | 27.8 |

Table 28. Soil Temperature and Wind, March 1973

| 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 | 41 | 64 | 45 | 59 | 44 | E | 153 |
| 2 | 60 | 45 | 60 | 49 | 55 | 47 | E | 149 |
| 3 | 72 | 51 | 69 | 53 | 63 | 51 | SW | 61 |
| 4 | 63 | 55 | 63 | 57 | 59 | 54 | S | 77 |
| 5 | 64 | 57 | 64 | 58 | 61 | 55 | S | 71 |
| 6 | 74 | 57 | 70 | 59 | 65 | 55 | E | 149 |
| 7 | 76 | 60 | 74 | 60 | 68 | 58 | S | 153 |
| 8 | 78 | 61 | 75 | 63 | 68 | 62 | S | 72 |
| 9 | 71 | 63 | 69 | 64 | 66 | 60 | E | 126 |
| 10 | 71 | 62 | 68 | 64 | 65 | 61 | E | 189 |
| 11 | 67 | 65 | 66 | 65 | 64 | 62 | S | 150 |
| 12 | 80 | 57 | 77 | 58 | 70 | 59 | N | 46 |
| 13 | 78 | 56 | 75 | 58 | 70 | 58 | S | 80 |
| 14 | 76 | 57 | 74 | 59 | 70 | 55 | S | 134 |
| 15 | 76 | 65 | 75 | 66 | 70 | 63 | S | 157 |
| 16 | 69 | 65 | 69 | 67 | 61 | 62 | S | 258 |
| 17 | 65 | 51 | 64 | 55 | 61 | 56 | W | 236 |
| 18 | 69 | 45 | 66 | 48 | 61 | 50 | W | 126 |
| 19 | 75 | 49 | 72 | 51 | 65 | 52 | W | 72 |
| 20 | 58 | 49 | 60 | 51 | 58 | 51 | S | 123 |
| 21 | 64 | 54 | 63 | 56 | 59 | 56 | W | 189 |
| 22 | 71 | 43 | 68 | 47 | 61 | 48 | N | 117 |
| 23 | 74 | 43 | 70 | 46 | 64 | 47 | E | 126 |
| 24 | 64 | 45 | 62 | 48 | 58 | 46 | SE | 238 |
| 25 | 72 | 54 | 69 | 56 | 63 | 54 | S | 204 |
| 26 | 61 | 54 | 59 | 56 | 58 | 56 | W | 140 |
| 27 | 74 | 51 | 68 | 54 | 64 | 53 | W | 75 |
| 28 | 72 | 52 | 69 | 53 | 64 | 53 | E | 149 |
| 29 | 59 | 53 | 59 | 55 | 58 | 52 | E | 156 |
| 30 | 62 | 56 | 62 | 57 | 60 | 57 | E | 156 |
| 31 | 70 | 55 | 68 | 57 | 65 | 57 | S | 192 |
| Total | 2152 | 1671 | 2091 | 1735 | 1523 | 1694 | | 4324 |
| Avg. | 69.4 | 53.9 | 67.5 | 56.0 | 49.1 | 54.6 | S | 139.5 |

Tabl2 29. Soil Temperature and Wind, April 1973

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|-------------|---------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1. | 76 | 59 | 74 | 62 | 69 | 60 | W | 158 |
| 2 | 75 | 53 | 71 | 56 | 66 | 57 | W | 86 |
| 3 | 63 | 53 | 64 | 56 | 61 | 55 | E | 114 |
| 4 | 70 | 58 | 68 | 60 | 64 | 58 | W | 170 |
| 5 | 73 | 49 | 70 | 51 | 65 | 52 | W | 109 |
| 6 | 72 | 49 | 69 | 51 | 64 | 51 | N | 77 |
| 7 | 60 | 50 | 59 | 53 | 57 | 53 | E | 162 |
| 8 | 72 | 53 | 69 | 55 | 64 | 55 | W | 118 |
| 9 | 67 | 51 | 65 | 54 | 61 | 54 | W | 151 |
| 10 | 67 | 45 | 64 | 48 | 60 | 49 | W | 208 |
| 11 | 70 | 45 | 66 | 46 | 60 | 47 | W | 107 |
| 12 | 75 | 43 | 72 | 46 | 65 | 47 | W | 117 |
| 13 | 79 | 47 | 76 | 49 | 68 | 49 | N | 116 |
| 14 | 83 | 52 | 79 | 55 | 72 | 54 | NE | 71 |
| 15 | 81 | 56 | 77 | 59 | 69 | 57 | SE | 160 |
| 16 | 78 | 61 | 75 | 63 | 70 | 73 | E | 148 |
| 17 | 74 | 62 | 73 | 63 | 68 | 60 | E | 157 |
| 18 | 69 | 62 | 69 | 64 | 65 | 63 | S | 199 |
| 19 | 80 | 61 | 78 | 63 | 72 | 62 | E | 163 |
| 20 | 83 | 62 | 79 | 65 | 74 | 61 | E | 136 |
| 21 | 85 | 63 | 83 | 64 | 76 | 62 | E | 118 |
| 22 | 84 | 63 | 83 | 64 | 76 | 63 | SW | 99 |
| 23 | 78 | 64 | 76 | 64 | 73 | 63 | SW | 86 |
| 24 | 90 | 64 | 85 | 66 | 78 | 65 | S | 113 |
| 25 | 66 | 65 | 67 | 67 | 68 | 68 | S | 93 |
| 26 | 68 | 64 | 68 | 66 | 67 | 66 | S | 98 |
| 27 | 65 | 60 | 64 | 63 | 63 | 63 | W | 184 |
| 28 | 75 | 50 | 72 | 54 | 68 | 55 | NW | 135 |
| 29 | 82 | 55 | 79 | 55 | 72 | 54 | SW | 52 |
| 30 | 84 | 55 | 80 | 57 | 74 | 54 | S | 68 |
| Total | 2244 | 1674 | 2174 | 1739 | 2029 | 1720 | | 3773 |
| Avg. | 74.8 | 55.8 | 72.5 | 58.0 | 67.6 | 57.3 | W | 125.8 |

Table 30. Soil Temperature and Wind, May 1973

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 81 | 55 | 79 | 57 | 74 | 54 | SE | 109 |
| 2 | 78 | 60 | 77 | 62 | 72 | 62 | S | 98 |
| 3 | 76 | 64 | 74 | 65 | 71 | 64 | NW | 121 |
| 4 | 85 | 55 | 81 | 58 | 74 | 60 | N | 146 |
| 5 | 92 | 53 | 86 | 57 | 78 | 59 | N | 73 |
| 6 | 72 | 57 | 70 | 59 | 68 | 61 | E | 84 |
| 7 | 80 | 60 | 77 | 62 | 72 | 63 | S | 156 |
| 8 | 80 | 60 | 77 | 62 | 73 | 62 | S | 135 |
| 9 | 89 | 67 | 85 | 68 | 79 | 67 | W | 84 |
| 10 | 91 | 64 | 87 | 66 | 80 | 67 | SW | 85 |
| 11 | 93 | 64 | 89 | 66 | 82 | 66 | W | 117 |
| 12 | 88 | 67 | 84 | 69 | 78 | 69 | W | 113 |
| 13 | 78 | 64 | 76 | 66 | 72 | 67 | N | 100 |
| 14 | 90 | 59 | 81 | 62 | 78 | 63 | N | 153 |
| 15 | 91 | 58 | 85 | 61 | 78 | 62 | N | 159 |
| 16 | 93 | 58 | 88 | 61 | 80 | 64 | W | 85 |
| 17 | 90 | 57 | 85 | 61 | 78 | 63 | W | 148 |
| 18 | 84 | 59 | 80 | 63 | 74 | 65 | SW | 76 |
| 19 | 86 | 59 | 81 | 64 | 75 | 67 | S | 115 |
| 20 | 81 | 66 | 78 | 68 | 73 | 68 | W | 87 |
| 21 | 91 | 64 | 85 | 66 | 78 | 68 | N | 70 |
| 22 | 88 | 63 | 83 | 66 | 76 | 65 | W | 79 |
| 23 | 90 | 65 | 86 | 69 | 80 | 69 | SW | 141 |
| 24 | 83 | 68 | 80 | 70 | 75 | 72 | W | 126 |
| 25 | 81 | 65 | 78 | 68 | 74 | 69 | W | 52 |
| 26 | 85 | 66 | 80 | 68 | 75 | 69 | NE | 11 |
| 27 | 81 | 69 | 79 | 72 | 75 | 70 | -- | --- |
| 28 | 75 | 70 | 80 | 72 | 79 | 70 | S | 131 |
| 29 | 86 | 68 | 82 | 70 | 77 | 72 | W | 74 |
| 30 | 89 | 61 | 84 | 69 | 78 | 71 | W | 61 |
| 31 | 94 | 69 | 88 | 70 | 83 | 72 | W | 48 |
| Total | 2641 | 1934 | 2525 | 2017 | 2359 | 2040 | | 3037* |
| Avg. | 85.2 | 62.4 | 81.5 | 65.1 | 76.1 | 65.8 | W | 101.2 |

- Missing data.

* Total does not include missing data.

Table 31. Soil Temperature and Wind, June 1973

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 81 | 69 | 79 | 71 | 77 | 71 | E | 55 |
| 2 | 94 | 68 | 88 | 71 | 82 | 72 | S | 42 |
| 3 | 93 | 71 | 90 | 73 | 84 | 72 | SE | 72 |
| 4 | 98 | 71 | 93 | 75 | 86 | 76 | SE | 87 |
| 5 | 99 | 71 | 93 | 74 | 86 | 75 | E | 78 |
| 6 | 85 | 73 | 81 | 75 | 78 | 76 | E | 82 |
| 7 | 90 | 72 | 85 | 74 | 80 | 75 | E | 90 |
| 8 | 88 | 71 | 84 | 73 | 80 | 72 | E | 130 |
| 9 | 92 | 71 | 86 | 73 | 81 | 72 | N | 101 |
| 10 | 93 | 73 | 88 | 76 | 83 | 75 | N | 89 |
| 11 | 100 | 74 | 93 | 75 | 86 | 75 | NE | 70 |
| 12 | 92 | 74 | 88 | 76 | 84 | 73 | W | 60 |
| 13 | 95 | 74 | 90 | 76 | 83 | 77 | -- | --- |
| 14 | 100 | 75 | 92 | 76 | 85 | 73 | -- | --- |
| 15 | 104 | 74 | 98 | 76 | 90 | 75 | -- | --- |
| 16 | 103 | 74 | 98 | 77 | 90 | 77 | -- | --- |
| 17 | 105 | 78 | 98 | 81 | 90 | 79 | -- | --- |
| 18 | 102 | 74 | 96 | 77 | 88 | 78 | -- | --- |
| 19 | 106 | 74 | 99 | 78 | 91 | 77 | W | 78 |
| 20 | 95 | 75 | 89 | 78 | 84 | 80 | E | 74 |
| 21 | 95 | 74 | 89 | 76 | 85 | 77 | N | 56 |
| 22 | 97 | 74 | 92 | 76 | 86 | 77 | NW | 102 |
| 23 | 98 | 71 | 93 | 75 | 87 | 77 | N | 100 |
| 24 | 103 | 72 | 96 | 76 | 90 | 75 | N | 87 |
| 25 | 94 | 72 | 90 | 76 | 85 | 77 | N | 80 |
| 26 | 98 | 70 | 93 | 74 | 87 | 77 | E | 51 |
| 27 | 99 | 70 | 93 | 74 | 88 | 75 | SW | 55 |
| 28 | 96 | 74 | 91 | 77 | 87 | 78 | SW | 96 |
| 29 | 101 | 74 | 95 | 77 | 88 | 79 | N | 94 |
| 30 | 100 | 73 | 93 | 76 | 88 | 76 | S | 42 |
| Total | 2896 | 2180 | 2733 | 2262 | 2559 | 2268 | | 1871* |
| Avg. | 96.5 | 72.7 | 91.1 | 75.4 | 85.3 | 75.6 | NE | 78.0 |

- Missing data.

* Total does not include missing data.

Table 32. Soil Temperature and Wind, July 1973.

| 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 | 91 | 78 | 86 | 76 | | |
| 2 | 106 | 76 | 99 | 80 | 91 | 79 | | |
| 3 | 106 | 78 | 100 | 81 | 93 | 78 | | |
| 4 | 105 | 79 | 99 | 82 | 93 | 80 | | |
| 5 | 106 | 79 | 101 | 82 | 94 | 83 | | |
| 6 | -- | 80 | -- | 82 | -- | -- | | |
| 7 | -- | -- | -- | -- | -- | -- | | |
| 8 | 105 | -- | 100 | -- | 92 | -- | | |
| 9 | 99 | -- | 93 | 80 | 87 | 77 | | |
| 10 | 100 | 75 | 95 | 78 | 89 | 80 | | |
| 11 | 92 | 75 | 88 | 77 | 84 | 79 | | |
| 12 | 94 | 74 | 89 | 76 | 85 | 78 | | |
| 13 | 98 | 74 | 93 | 76 | 88 | 77 | | |
| 14 | 87 | 76 | 84 | 78 | 83 | 76 | | |
| 15 | 93 | 76 | 89 | 77 | 84 | 79 | | |
| 16 | 96 | 75 | 91 | 77 | 85 | 78 | | |
| 17 | 96 | 75 | 90 | 78 | 86 | 76 | | |
| 18 | 93 | 75 | 88 | 78 | 84 | 74 | | |
| 19 | 89 | 76 | 86 | 78 | 83 | 78 | | |
| 20 | 96 | 74 | 92 | 77 | 87 | 76 | | |
| 21 | 100 | 73 | 96 | 77 | 90 | 70 | | |
| 22 | 103 | 78 | 98 | 80 | 92 | 80 | | |
| 23 | 105 | 80 | 99 | 82 | 92 | 82 | | |
| 24 | 104 | 79 | 98 | 82 | 90 | 82 | | |
| 25 | 104 | 77 | 95 | 82 | 90 | 83 | | |
| 26 | 98 | 79 | 92 | 81 | 87 | 82 | | |
| 27 | 93 | 76 | 88 | 79 | 84 | 81 | | |
| 28 | 95 | 76 | 92 | 78 | 86 | 77 | | |
| 29 | 95 | 75 | 92 | 79 | 87 | 77 | | |
| 30 | 95 | 78 | 91 | 80 | 87 | 77 | | |
| 31 | 98 | 72 | 93 | 79 | 89 | 79 | | |
| Total | 2845* | 2136* | 2702* | 2294* | 2548* | 2194* | | |
| Avg. | 91.8 | 68.9 | 87.2 | 74.0 | 82.2 | 70.8 | | |

- Missing data.

* Total does not include missing data.

**Data missing due to equipment malfunction.

Table 33. Soil Temperature and Wind, August 1973

| Date | Soil Temperature | | | | | | Wind at 12'*** | |
|-------|------------------|------|--------|------|--------|------|----------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 95 | 76 | 91 | 79 | 87 | 78 | | |
| 2 | 89 | 77 | 86 | 80 | 83 | 81 | | |
| 3 | 91 | 74 | 89 | 76 | 84 | 78 | | |
| 4 | 93 | 73 | 89 | 76 | 84 | 76 | | |
| 5 | 94 | 77 | 90 | 77 | 85 | 76 | | |
| 6 | 100 | 75 | 96 | 78 | 87 | 79 | | |
| 7 | 92 | 75 | 87 | 78 | 84 | 79 | | |
| 8 | 98 | 74 | 92 | 77 | 86 | 79 | | |
| 9 | 103 | 73 | 95 | 77 | 89 | 77 | | |
| 10 | 100 | 75 | 90 | 79 | 87 | 78 | | |
| 11 | 94 | 75 | 89 | 78 | 85 | 80 | | |
| 12 | 96 | 76 | 91 | 79 | 87 | 80 | | |
| 13 | 99 | 75 | 93 | 78 | 82 | 80 | | |
| 14 | 99 | 75 | 93 | 78 | 88 | 77 | | |
| 15 | 96 | 75 | 92 | 78 | 86 | 77 | | |
| 16 | 92 | 75 | 89 | 77 | 84 | 78 | | |
| 17 | 94 | 75 | 90 | 76 | 83 | 76 | | |
| 18 | 93 | 74 | 89 | 77 | 84 | 75 | | |
| 19 | 97 | 74 | 92 | 76 | 86 | 78 | | |
| 20 | 98 | 74 | 93 | 77 | 87 | 77 | | |
| 21 | 99 | 72 | 93 | 76 | 88 | 76 | | |
| 22 | 93 | 70 | 88 | 75 | 84 | 78 | | |
| 23 | 96 | 70 | 91 | 75 | 85 | 76 | | |
| 24 | 96 | 71 | 90 | 74 | 86 | 76 | | |
| 25 | 97 | 73 | 90 | 75 | 86 | 77 | | |
| 26 | 95 | 75 | 90 | 78 | 86 | 80 | | |
| 27 | 96 | 75 | 92 | 78 | 87 | 78 | | |
| 28 | 99 | 75 | 93 | 78 | 87 | 79 | | |
| 29 | 104 | 74 | 97 | 78 | 90 | 79 | | |
| 30 | 104 | 75 | 98 | 79 | 92 | 80 | | |
| 31 | 98 | 76 | 93 | 80 | 86 | 82 | | |
| Total | 2990 | 2303 | 2831 | 2397 | 2581 | 2420 | | |
| Avg. | 96.5 | 74.3 | 91.3 | 77.3 | 83.3 | 78.1 | | |

***Data missing due to equipment malfunction.

Table 34. Soil Temperature and Wind, September 1973

| 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 | 76 | 92 | 79 | 85 | 81 | E | 141 |
| 2 | 95 | 75 | 91 | 78 | 85 | 80 | E | 123 |
| 3 | 98 | 74 | 93 | 77 | 87 | 79 | E | 105 |
| 4 | 97 | 75 | 93 | 78 | 87 | 77 | E | 105 |
| 5 | 97 | 74 | 92 | 77 | 86 | 79 | E | 110 |
| 6 | 98 | 75 | 92 | 78 | 88 | 77 | E | 69 |
| 7 | 97 | 76 | 92 | 79 | 87 | 78 | E | 35 |
| 8 | 100 | 76 | 95 | 80 | 88 | 81 | SE | 42 |
| 9 | 100 | 78 | 94 | 81 | 89 | 82 | S | 63 |
| 10 | 100 | 78 | 93 | 81 | 89 | 81 | W | 67 |
| 11 | 94 | 76 | 90 | 79 | 87 | 81 | E | 46 |
| 12 | 97 | 75 | 92 | 78 | 88 | 80 | SE | 66 |
| 13 | 86 | 74 | 85 | 78 | 83 | 80 | S | 108 |
| 14 | 92 | 77 | 88 | 79 | 84 | 80 | W | 87 |
| 15 | 97 | 74 | 92 | 76 | 86 | 78 | N | 63 |
| 16 | 91 | 74 | 89 | 76 | 85 | 78 | E | 69 |
| 17 | 88 | 73 | 86 | 77 | 83 | 78 | S | 60 |
| 18 | 93 | 70 | 88 | 74 | 83 | 77 | N | 102 |
| 19 | 94 | 65 | 88 | 70 | 83 | 74 | N | 60 |
| 20 | 94 | 63 | 88 | 69 | 83 | 73 | NE | 86 |
| 21 | 92 | 64 | 95 | 69 | 83 | 73 | E | 63 |
| 22 | -- | 70 | -- | 73 | -- | 75 | E | 71 |
| 23 | 96 | -- | 90 | -- | 86 | -- | E | 40 |
| 24 | 94 | 74 | 88 | 77 | 85 | 76 | E | 63 |
| 25 | 94 | 73 | 88 | 76 | 84 | 77 | E | 134 |
| 26 | 81 | 72 | 79 | 76 | 79 | 76 | E | 171 |
| 27 | 90 | 74 | 85 | 76 | 81 | 77 | E | 115 |
| 28 | 86 | 72 | 82 | 75 | 80 | 76 | S | 67 |
| 29 | 89 | 73 | 85 | 75 | 86 | 78 | SW | 44 |
| 30 | 91 | 73 | 86 | 75 | 81 | 76 | S | 82 |
| Total | 2707 | 2123 | 2590 | 2216 | 2461 | 2258 | | 2450 |
| Avg. | 93.3 | 73.2 | 89.3 | 76.4 | 84.9 | 77.9 | | 81.7 |

- Missing data.

Table 35. Soil Temperature and Wind, October 1973

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 78 | 71 | 77 | 74 | 76 | 75 | SE | 54 |
| 2 | 87 | 71 | 83 | 74 | 79 | 74 | N | 50 |
| 3 | 87 | 70 | 84 | 72 | 80 | 74 | NE | 53 |
| 4 | 90 | 69 | 86 | 72 | 82 | 74 | E | 60 |
| 5 | 89 | 69 | 84 | 72 | 86 | 74 | N | 81 |
| 6 | 90 | 69 | 85 | 72 | 82 | 73 | E | 107 |
| 7 | 90 | 69 | 85 | 73 | 81 | 74 | E | 91 |
| 8 | 90 | 68 | 84 | 72 | 81 | 73 | E | 75 |
| 9 | 90 | 67 | 85 | 71 | 81 | 74 | E | 95 |
| 10 | 90 | 67 | 84 | 71 | 80 | 72 | E | 95 |
| 11 | 89 | 67 | 84 | 71 | 80 | 70 | E | 105 |
| 12 | 85 | 66 | 80 | 77 | 77 | 61 | E | 140 |
| 13 | 87 | 65 | 82 | 69 | 78 | 67 | S | 93 |
| 14 | 79 | 66 | 77 | 67 | 75 | 69 | N | 47 |
| 15 | 88 | 67 | 83 | 70 | 78 | 72 | N | 65 |
| 16 | 76 | 66 | 74 | 69 | 73 | 71 | N | 85 |
| 17 | 80 | 60 | 77 | 65 | 73 | 68 | N | 159 |
| 18 | 83 | 55 | 77 | 60 | 73 | 64 | N | 84 |
| 19 | 83 | 54 | 76 | 59 | 73 | 64 | N | 115 |
| 20 | 83 | 57 | 78 | 62 | 74 | 64 | N | 67 |
| 21 | 85 | 61 | 79 | 65 | 75 | 64 | N | 88 |
| 22 | 84 | 62 | 75 | 66 | 74 | 65 | E | 95 |
| 23 | 85 | 61 | 78 | 65 | 75 | 67 | NE | 65 |
| 24 | 84 | 60 | 78 | 64 | 74 | 66 | N | 54 |
| 25 | 84 | 58 | 78 | 63 | 74 | 66 | N | 67 |
| 26 | 82 | 58 | 77 | 63 | 73 | 66 | N | 69 |
| 27 | 84 | 60 | 79 | 64 | 74 | 66 | NW | 43 |
| 28 | 70 | 67 | 69 | 64 | 68 | 65 | N | 91 |
| 29 | 68 | 50 | 66 | 57 | 64 | 60 | W | 109 |
| 30 | 71 | 47 | 68 | 58 | 65 | 56 | W | 92 |
| 31 | 61 | 47 | 61 | 52 | 62 | 54 | W | 125 |
| Total | 2572 | 1944 | 2433 | 2073 | 2340 | 2102 | | 2619 |
| Avg. | 83.0 | 62.7 | 78.5 | 66.9 | 75.5 | 67.8 | | 84.5 |

Table 36. Soil Temperature and Wind, November 1973

| Date | Soil Temperature | | | | | | Wind at 12' | |
|-------|------------------|------|--------|------|--------|------|---------------|------------------|
| | 5 cm. | | 10 cm. | | 20 cm. | | Prvl. dir. | Miles per day |
| | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1 | 77 | 47 | 68 | 54 | 65 | 57 | SW | 34 |
| 2 | 74 | 49 | 67 | 53 | 66 | 53 | S | 46 |
| 3 | 73 | 49 | 73 | 54 | 69 | 53 | W | 35 |
| 4 | 80 | 60 | 74 | 62 | 71 | 61 | S | 45 |
| 5 | 73 | 62 | 69 | 63 | 68 | 62 | W | 125 |
| 6 | 70 | 49 | 67 | 54 | 64 | 57 | N | 106 |
| 7 | 61 | 48 | 61 | 53 | 60 | 55 | SW | 45 |
| 8 | 66 | 52 | 65 | 56 | 64 | 53 | S | 48 |
| 9 | 70 | 59 | 67 | 61 | 67 | 58 | N | 152 |
| 10 | 61 | 45 | 60 | 50 | 58 | 53 | N | 134 |
| 11 | 61 | 42 | 59 | 47 | 56 | 50 | E | 98 |
| 12 | 65 | 43 | 60 | 47 | 57 | 49 | E | 53 |
| 13 | 69 | 42 | 65 | 47 | 60 | 47 | S | 48 |
| 14 | 69 | 47 | 66 | 50 | 62 | 48 | S | 43 |
| 15 | 68 | 53 | 65 | 56 | 62 | 52 | -- | --- |
| 16 | 68 | 54 | 65 | 58 | 62 | 52 | N | 114 |
| 17 | 64 | 45 | 61 | 52 | 58 | 53 | E | 124 |
| 18 | 68 | 48 | 65 | 51 | 60 | 51 | E | 81 |
| 19 | 70 | 49 | 67 | 53 | 62 | 53 | E | 55 |
| 20 | 65 | 50 | 64 | 54 | 62 | 50 | E | 146 |
| 21 | 66 | 55 | 64 | 57 | 63 | 52 | E | 111 |
| 22 | 73 | 60 | 68 | 64 | 76 | 58 | SE | 50 |
| 23 | 67 | 61 | 65 | 62 | 64 | 58 | S | 56 |
| 24 | 68 | 60 | 65 | 64 | 65 | 64 | S | 120 |
| 25 | 73 | 63 | 69 | 65 | 67 | 64 | S | 104 |
| 26 | 74 | 65 | 71 | 65 | 69 | 64 | S | 163 |
| 27 | 73 | 67 | 71 | 69 | 70 | 66 | S | 183 |
| 28 | 67 | 63 | 66 | 67 | 66 | 67 | W | 178 |
| 29 | 59 | 45 | 51 | 51 | 57 | 54 | N | 114 |
| 30 | 62 | 43 | 59 | 48 | 57 | 50 | N | 54 |
| Total | 2054 | 1575 | 1957 | 1634 | 1907 | 1664 | | 2665 |
| Avg. | 68.5 | 52.5 | 65.2 | 54.5 | 63.6 | 55.5 | | 92.0 |

- Missing data.

Table 37. Soil Temperature and Wind, December 1973

| Date | 5 c.m | | 10 cm. | | 20 cm. | | Wind at 12' | |
|-------|-------|------|--------|------|--------|------|-------------|---------------|
| | Max. | Min. | Max. | Min. | Max. | Min. | Prvl. dir. | Miles per day |
| 1 | 65 | 42 | 62 | 47 | 58 | 50 | N | 63 |
| 2 | 66 | 47 | 63 | 50 | 59 | 51 | E | 111 |
| 3 | 69 | 58 | 66 | 54 | 61 | 51 | S | 137 |
| 4 | 64 | 56 | 64 | 58 | 61 | 57 | S | 209 |
| 5 | 64 | 57 | 63 | 59 | 61 | 58 | W | 99 |
| 6 | 58 | 45 | 57 | 49 | 55 | 51 | N | 86 |
| 7 | 54 | 41 | 53 | 46 | 51 | 48 | N | 131 |
| 8 | 54 | 38 | 53 | 43 | 51 | 44 | N | 127 |
| 9 | 55 | 40 | 53 | 44 | 55 | 42 | W | 89 |
| 10 | 50 | 39 | 46 | 42 | 48 | 41 | W | 125 |
| 11 | 49 | 36 | 43 | 40 | 45 | 41 | W | 73 |
| 12 | 58 | 35 | 53 | 39 | 51 | 37 | S | 117 |
| 13 | 64 | 41 | 62 | 44 | 57 | 41 | SW | 232 |
| 14 | 58 | 44 | 56 | 48 | 54 | 49 | SW | 56 |
| 15 | 53 | 43 | 52 | 46 | 52 | 48 | N | 103 |
| 16 | 45 | 45 | -- | 48 | 48 | 47 | NW | 262 |
| 17 | 44 | 36 | -- | -- | 42 | 41 | NW | --- |
| 18 | 50 | 35 | 47 | -- | 45 | 39 | E | --- |
| 19 | 48 | 39 | 47 | 38 | 45 | 38 | E | --- |
| 20 | 57 | 35 | 44 | 38 | 47 | 40 | W | --- |
| 21 | 43 | 36 | 40 | 40 | 40 | 41 | NW | --- |
| 22 | 45 | 34 | 44 | 37 | 41 | 38 | SW | --- |
| 23 | 52 | 34 | 50 | 38 | 46 | 38 | S | --- |
| 24 | 56 | 35 | 54 | 39 | 54 | 38 | E | --- |
| 25 | 61 | 42 | 60 | 43 | 57 | 40 | S | --- |
| 26 | 67 | 52 | 65 | 53 | 60 | 49 | SW | --- |
| 27 | 59 | 47 | 59 | 50 | 55 | 50 | W | --- |
| 28 | 58 | 40 | 55 | 44 | 52 | 45 | S | --- |
| 29 | 60 | 41 | 58 | 44 | 55 | 41 | S | --- |
| 30 | 63 | 49 | 62 | 50 | 59 | 43 | S | --- |
| 31 | 65 | 53 | 63 | 55 | 60 | 47 | S | --- |
| Total | 1754 | 1315 | 1594 | 1326 | 1625 | 1384 | | --- |
| Avg. | 56.6 | 42.4 | 55.0 | 45.7 | 52.4 | 44.6 | S | --- |

- Missing data.