

Mississippi Valley State University
33.5 N Latitude 90.33 W Longitude 52 Meters AMSL Time Zone -6

July 2001

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Instrument: Eppley PSP
Watt-Hours per Square Meter

| Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Daily | |
|-----|---|---|---|---|-----|------|------|------|------|------|-------|------|------|------|------|------|-----|------|-----|------|----|----|----|----|-------|------|
| 1 | 0 | 0 | 0 | 0 | 2 | 43 | 206 | 396 | 576 | 575 | 566 | 742 | 792 | 648 | 729 | 559 | 452 | 243 | 56 | 2 | 0 | 0 | 0 | 0 | 6585 | |
| 2 | 0 | 0 | 0 | 0 | 2 | 44 | 195 | 388 | 585 | 758 | 899 | 897 | 851 | 426 | 682 | 623 | 436 | 204 | 62 | 9 | 0 | 0 | 0 | 0 | 7061 | |
| 3 | 0 | 0 | 0 | 0 | 3 | 54 | 124 | 397 | 597 | 672 | 688 | 713 | 874 | 704 | 790 | 650 | 463 | 239 | 71 | 3 | 0 | 0 | 0 | 0 | 7041 | |
| 4 | 0 | 0 | 0 | 0 | 0 | 30 | 122 | 177 | 344 | 529 | 710 | 898 | 962 | 851 | 539 | 655 | 524 | 203 | 65 | 20 | 0 | 0 | 0 | 0 | 6629 | |
| 5 | 0 | 0 | 0 | 0 | 1 | 37 | 176 | 349 | 470 | 634 | 779 | 559 | 658 | 503 | 459 | 282 | 362 | 159 | 27 | 4 | 0 | 0 | 0 | 0 | 5459 | |
| 6 | 0 | 0 | 0 | 0 | 1 | 24 | 158 | 358 | 563 | 729 | 752 | 652 | 871 | 809 | 716 | 369 | 279 | 142 | 22 | 2 | 0 | 0 | 0 | 0 | 6448 | |
| 7 | 0 | 0 | 0 | 0 | 0 | 32 | 156 | 344 | 544 | 729 | 860 | 805 | 807 | 782 | 722 | 587 | 412 | 206 | 43 | 2 | 0 | 0 | 0 | 0 | 7030 | |
| 8 | 0 | 0 | 0 | 0 | 1 | 36 | 174 | 369 | 564 | 740 | 839 | 682 | 858 | 865 | 751 | 608 | 407 | 220 | 61 | 5 | 0 | 0 | 0 | 0 | 7179 | |
| 9 | 0 | 0 | 0 | 0 | 0 | 33 | 186 | 385 | 568 | 749 | 804 | 861 | 926 | 827 | 732 | 577 | 382 | 136 | 62 | 6 | 0 | 0 | 0 | 0 | 7236 | |
| 10 | 0 | 0 | 0 | 0 | 0 | 34 | 175 | 370 | 562 | 728 | 850 | 890 | 793 | 811 | 347 | 205 | 153 | 90 | 31 | 1 | 0 | 0 | 0 | 0 | 6041 | |
| 11 | 0 | 0 | 0 | 0 | 0 | 28 | 166 | 359 | 522 | 666 | 798 | 879 | 944 | 918 | 777 | 603 | 406 | 197 | 39 | 1 | 0 | 0 | 0 | 0 | 7303 | |
| 12 | 0 | 0 | 0 | 0 | 0 | 27 | 153 | 335 | 509 | 646 | 625 | 782 | 414 | 50 ? | 107 | 110 | 59 | 66 | 52 | 22 ? | 0 | 0 | 0 | 0 | 3957 | |
| 13 | 0 | 0 | 0 | 0 | 0 | 4 | 14 | 87 | 67 | 225 | 177 | 153 | 327 | 307 | 376 | 527 | 349 | 210 | 58 | 4 | 0 | 0 | 0 | 0 | 2885 | |
| 14 | 0 | 0 | 0 | 0 | 0 | 36 | 197 | 404 | 598 | 750 | 908 | 981 | 986 | 931 | 806 | 643 | 446 | 232 | 52 | 0 | 0 | 0 | 0 | 0 | 7970 | |
| 15 | 0 | 0 | 0 | 0 | 0 | 32 | 173 | 372 | 536 | 732 | 868 | 931 | 913 | 810 | 654 | 553 | 321 | 180 | 36 | 0 | 0 | 0 | 0 | 0 | 7113 | |
| 16 | 0 | 0 | 0 | 0 | 0 | 18 | 86 | 197 | 316 | 644 | 856 | 797 | 608 | 888 | 659 | 482 | 233 | 207 | 55 | 9 | 0 | 0 | 0 | 0 | 6054 | |
| 17 | 0 | 0 | 0 | 0 | 0 | 8 | 47 | 227 | 414 | 284 | 260 | 257 | 260 | 602 | 775 | 512 | 424 | 170 | 59 | 0 | 0 | 0 | 0 | 0 | 4298 | |
| 18 | 0 | 0 | 0 | 0 | 0 | 28 | 165 | 356 | 540 | 712 | 849 | 915 | 927 | 896 | 713 | 590 | 403 | 198 | 46 | 0 | 0 | 0 | 0 | 0 | 7336 | |
| 19 | 0 | 0 | 0 | 0 | 0 | 27 | 139 | 345 | 534 | 679 | 797 | 805 | 879 | 814 | 685 | 536 | 369 | 194 | 48 | 0 | 0 | 0 | 0 | 0 | 6850 | |
| 20 | 0 | 0 | 0 | 0 | 0 | 35 | 157 | 299 | 511 | 676 | 812 | 855 | 897 | 857 | 743 | 571 | 384 | 203 | 56 | 3 | 0 | 0 | 0 | 0 | 7060 | |
| 21 | 0 | 0 | 0 | 0 | 0 | 24 | 152 | 332 | 482 | 610 | 809 | 885 | 880 | 823 | 768 | 473 | 5 | 2 ? | 2 | 0 | 0 | 0 | 0 | 0 | 6247 | |
| 22 | 0 | 0 | 0 | 0 | 0 | 26 | 118 | 325 | 524 | 698 | 794 | 828 | 708 | 725 | 718 | 563 | 340 | 148 | 45 | 0 | 0 | 0 | 0 | 0 | 6561 | |
| 23 | 0 | 0 | 0 | 0 | 0 | 27 | 149 | 333 | 521 | 683 | 808 | 827 | 875 | 690 | 694 | 562 | 365 | 182 | 39 | 0 | 0 | 0 | 0 | 0 | 6755 | |
| 24 | 0 | 0 | 0 | 0 | 0 | 27 | 135 | 313 | 503 | 669 | 799 | 887 | 894 | 790 | 605 | 530 | 325 | 183 | 30 | 0 | 0 | 0 | 0 | 0 | 6689 | |
| 25 | 0 | 0 | 0 | 0 | 0 | 27 | 149 | 330 | 520 | 693 | 828 | 917 | 914 | 853 | 734 | 540 | 334 | 30 | 60 | 0 | 0 | 0 | 0 | 0 | 6931 | |
| 26 | 0 | 0 | 0 | 0 | 0 | 15 | 102 | 257 | 399 | 495 | 868 | 720 | 829 | 900 | 586 | 368 | 438 | 58 | 12 | 0 | 0 | 0 | 0 | 0 | 6048 | |
| 27 | 0 | 0 | 0 | 0 | 0 | 4 | 46 | 73 | 73 | 120 | 342 ? | 707 | 537 | 564 | 393 | 128 | 159 | 48 | 45 | 0 | 0 | 0 | 0 | 0 | 3240 | |
| 28 | 0 | 0 | 0 | 0 | 0 | 22 | 96 | 163 | 417 | 462 | 827 | 586 | 822 | 877 | 663 | 593 | 409 | 202 | 34 | 0 | 0 | 0 | 0 | 0 | 6172 | |
| 29 | 0 | 0 | 0 | 0 | 0 | 10 | 59 | 167 | 267 | 296 | 365 | 558 | 792 | 891 | 758 | 508 | 311 | 100 | 18 | 0 | 0 | 0 | 0 | 0 | 5101 | |
| 30 | 0 | 0 | 0 | 0 | 0 | 24 | 100 | 258 | 531 | 656 | 829 | 949 | 910 | 710 | 707 | 282 | 197 | 172 | 19 | 0 | 0 | 0 | 0 | 0 | 6344 | |
| 31 | 0 | 0 | 0 | 0 | 0 | 15 | 151 | 478 | 375 | 569 | 848 | 908 | 919 | 479 | 118 | 192 | 17 | 60 | 30 | 0 | 0 | 0 | 0 | 0 | 5158 | |
| Avg | 0 | 0 | 0 | 0 | 0 | 27 | 136 | 308 | 469 | 607 | 736 | 769 | 794 | 729 | 629 | 483 | 328 | 158 | 43 | 3 | 0 | 0 | 0 | 0 | 6219 | |
| S D | 0 | 0 | 0 | 0 | 1 | 11 | 48 | 96 | 135 | 166 | 192 | 189 | 184 | 202 | 184 | 158 | 132 | 67 | 17 | 5 | 0 | 0 | 0 | 0 | 1221 | |
| S/A | 0 | 0 | 0 | 0 | 2.4 | 0.42 | 0.35 | 0.31 | 0.29 | 0.27 | 0.26 | 0.25 | 0.23 | 0.28 | 0.29 | 0.33 | 0.4 | 0.43 | 0.4 | 1.84 | 0 | 0 | 0 | 0 | 0 | 0.2 |
| Min | 0 | 0 | 0 | 0 | 0 | 4 | 14 | 73 | 67 | 120 | 177 | 153 | 260 | 50 | 107 | 110 | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2885 | |
| Max | 0 | 0 | 0 | 0 | 3 | 54 | 206 | 478 | 598 | 758 | 908 | 981 | 986 | 931 | 806 | 655 | 524 | 243 | 71 | 22 | 0 | 0 | 0 | 0 | 7970 | |
| n | 0 | 0 | 0 | 0 | 8 | 350 | 372 | 370 | 370 | 368 | 369 | 372 | 372 | 367 | 371 | 372 | 368 | 367 | 372 | 38 | 0 | 0 | 0 | 0 | 0 | 5206 |

Daylight Data Recovery: 0.0% missing; 0.5% exceed the 15% QC threshold -- 5233 total daylight measurements.

Instrument: Eppley PSP Serial Number: 18036F3 Calibration Factor: 7.430 μV/W/m² Calibration Date: 05/1998

| Data & Flag | Hour Column | Day Column |
|-------------|---------------|---------------|
| <value> * | > 20% Missing | > 10% Missing |
| <value> ? | > 20% Fail QC | > 10% Fail QC |
| <blank> * | > 90% Missing | > 90% Missing |
| <blank> ? | > 90% Fail QC | > 90% Fail QC |

Note: Daily values with a missing flag (*) are not used in monthly statistics.

July 2001

Direct Normal Solar Radiation
 Hourly Integrated and Daily Totals
 Instrument: Eppley NIP
 Watt-Hours per Square Meter

| Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Daily | |
|-----|---|---|---|---|---|-------|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-------|-----|
| 1 | 0 | 0 | 0 | 0 | * | * | * | * | * | ? | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * | |
| 2 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 3 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 4 | 0 | 0 | 0 | 0 | * | * | * | * | * | ? | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 5 | 0 | 0 | 0 | 0 | * | * | * | * | * | ? | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 6 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 7 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 8 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 9 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 10 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 11 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 12 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 13 | 0 | 0 | 0 | 0 | 0 | * | * | ? | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 14 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 15 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 16 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 17 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 18 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 19 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 20 | 0 | 0 | 0 | 0 | 0 | ? | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 21 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 22 | 0 | 0 | 0 | 0 | 0 | * | * | * | ? | 462 ? | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 23 | 0 | 0 | 0 | 0 | 0 | ? | ? | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 24 | 0 | 0 | 0 | 0 | 0 | ? | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 25 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 26 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 27 | 0 | 0 | 0 | 0 | 0 | 377 ? | ? | ? | ? | ? | ? | * | * | * | * | * | * | * | * | * | ? | 0 | 0 | 0 | 0 | * |
| 28 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 29 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 30 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 31 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | ? | ? | 0 | 0 | 0 | 0 | 0 | * |
| Avg | 0 | 0 | 0 | 0 | 0 | 377 | N/A | N/A | N/A | 462 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 0 | 0 | 0 | 0 | N/A | * |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| S/A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Min | 0 | 0 | 0 | 0 | 0 | 377 | N/A | N/A | N/A | 462 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 0 | 0 | 0 | 0 | 0 | N/A |
| Max | 0 | 0 | 0 | 0 | 0 | 377 | N/A | N/A | N/A | 462 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 0 | 0 | 0 | 0 | 0 | N/A |
| n | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Daylight Data Recovery: 94.5% missing; 5.3% exceed the 15% QC threshold -- 5233 total daylight measurements.

Instrument: Eppley NIP Serial Number: 25796E6 Calibration Factor: 8.670 μV/W/m² Calibration Date: 05/1998

| Data & Flag | Hour Column | Day Column |
|-------------|---------------|---------------|
| <value> * | > 20% Missing | > 10% Missing |
| <value> ? | > 20% Fail QC | > 10% Fail QC |
| <blank> * | > 90% Missing | > 90% Missing |
| <blank> ? | > 90% Fail QC | > 90% Fail QC |

Note: Daily values with a missing flag (*) are not used in monthly statistics.

Mississippi Valley State University
33.5 N Latitude 90.33 W Longitude 52 Meters AMSL Time Zone -6

July 2001

Diffuse Solar Radiation (Shadow Band) on a Horizontal Surface
Hourly Integrated and Daily Totals
Instrument: Eppley PSP
Watt-Hours per Square Meter

| Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Daily |
|-----|---|---|---|---|------|------|-------|-------|-------|-------|-------|------|------|------|-----|------|------|------|------|------|----|----|----|----|--------|
| 1 | 0 | 0 | 0 | 0 | 1 | 43 | 174 ? | 368 ? | 493 ? | 283 ? | 418 | 395 | 314 | 269 | 212 | 169 | 156 | 115 | 39 | 2 | 0 | 0 | 0 | 0 | 3450 ? |
| 2 | 0 | 0 | 0 | 0 | 1 | 42 | 190 | 358 ? | ? | ? | 690 ? | 336 | 192 | 197 | 212 | 121 | 117 | 89 | 42 | 8 | 0 | 0 | 0 | 0 | 2596 ? |
| 3 | 0 | 0 | 0 | 0 | 3 | 50 | 110 | 283 ? | ? | 565 ? | 655 | 632 | 380 | 268 | 324 | 239 | 186 | 109 | 51 | 3 | 0 | 0 | 0 | 0 | 3858 ? |
| 4 | 0 | 0 | 0 | 0 | 0 | 28 | 111 | 156 | 296 | 428 | 569 | 310 | 297 | 324 | 349 | 339 | 283 | 155 | 58 | ? | 0 | 0 | 0 | 0 | 3703 |
| 5 | 0 | 0 | 0 | 0 | 1 | 33 | 166 | 317 | 414 | 556 | 616 | 493 | 537 | 470 | 328 | 253 | 237 | 100 | 24 | 4 | 0 | 0 | 0 | 0 | 4549 |
| 6 | 0 | 0 | 0 | 0 | 0 | 22 | 144 | 340 | 505 ? | 627 ? | 475 | 358 | 316 | 275 | 265 | 207 | 169 | 81 | 20 | 2 | 0 | 0 | 0 | 0 | 3806 |
| 7 | 0 | 0 | 0 | 0 | 0 | 29 | 144 | 322 | 507 | 622 ? | 444 | 361 | 353 | 340 | 288 | 239 | 196 | 160 | 39 | 2 | 0 | 0 | 0 | 0 | 4046 |
| 8 | 0 | 0 | 0 | 0 | 1 | 33 | 164 | 355 | 524 | 586 ? | 390 | 361 | 354 | 279 | 211 | 178 | 145 | 102 | 44 | 5 | 0 | 0 | 0 | 0 | 3732 |
| 9 | 0 | 0 | 0 | 0 | 0 | 30 | 182 | 375 | 505 | 483 | 245 | 233 | 235 | 228 | 249 | 260 | 239 | 126 | 56 | 6 | 0 | 0 | 0 | 0 | 3453 |
| 10 | 0 | 0 | 0 | 0 | 0 | 31 | 165 | 346 | 493 | 406 | 231 | 380 | 447 | 353 | 208 | 180 | 136 | 81 | 28 | 1 | 0 | 0 | 0 | 0 | 3486 |
| 11 | 0 | 0 | 0 | 0 | 0 | 26 | 151 | 318 | 442 | 369 | 278 | 276 | 294 | 284 | 233 | 198 | 160 | 109 | 38 | 1 | 0 | 0 | 0 | 0 | 3174 |
| 12 | 0 | 0 | 0 | 0 | 0 | 24 | 134 | 306 | 392 | 370 | 476 | 462 | 287 | 40 | 90 | 98 | 53 | 58 | 47 | ? | 0 | 0 | 0 | 0 | 2839 |
| 13 | 0 | 0 | 0 | 0 | 0 | 3 | 12 | 75 | 59 | 198 | 155 | 134 | 300 | 303 | 329 | 364 | 214 | 141 | 47 | 4 | 0 | 0 | 0 | 0 | 2340 |
| 14 | 0 | 0 | 0 | 0 | 0 | 30 | 121 | 199 | 143 | 109 | 111 | 111 | 107 | 97 | 94 | 83 | 74 | 61 | 26 | 0 | 0 | 0 | 0 | 0 | 1366 |
| 15 | 0 | 0 | 0 | 0 | 0 | 27 | 130 | 185 | 208 | 220 | 266 | 329 | 397 | 373 | 325 | 241 | 175 | 136 | 31 | 0 | 0 | 0 | 0 | 0 | 3043 |
| 16 | 0 | 0 | 0 | 0 | 0 | 15 | 76 | 171 | 282 | 283 | 248 | 461 | 517 | 369 | 378 | 317 | 206 | 182 | 50 | 8 | 0 | 0 | 0 | 0 | 3564 |
| 17 | 0 | 0 | 0 | 0 | 0 | 7 | 41 | 194 | 340 | 252 | 228 | 227 | 230 | 503 | 326 | 369 | 183 | 104 | 50 | 0 | 0 | 0 | 0 | 0 | 3053 |
| 18 | 0 | 0 | 0 | 0 | 0 | 24 | 96 | 149 | 200 | 228 | 246 | 259 | 255 | 340 | 305 | 223 | 152 | 100 | 35 | 0 | 0 | 0 | 0 | 0 | 2613 |
| 19 | 0 | 0 | 0 | 0 | 0 | 24 | 93 | 163 | 214 | 267 | 313 | 343 | 348 | 328 | 250 | 206 | 163 | 109 | 40 | 1 | 0 | 0 | 0 | 0 | 2864 |
| 20 | 0 | 0 | 0 | 0 | 0 | 32 | 128 | 190 | 249 | 266 | 280 | 293 | 296 | 254 | 215 | 191 | 159 | 122 | 47 | 3 | 0 | 0 | 0 | 0 | 2726 |
| 21 | 0 | 0 | 0 | 0 | 0 | 22 | 103 | 176 | 241 | 332 | 332 | 329 | 388 | 380 | 376 | 348 | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 3038 |
| 22 | 0 | 0 | 0 | 0 | 0 | 23 | 104 | 214 | 277 | 324 | 395 | 457 | 420 | 410 | 341 | 293 | 230 | 126 | 41 | 0 | 0 | 0 | 0 | 0 | 3656 |
| 23 | 0 | 0 | 0 | 0 | 0 | 24 | 104 | 173 | 229 | 281 | 314 | 350 | 389 | 386 | 339 | 270 | 216 | 127 | 35 | 0 | 0 | 0 | 0 | 0 | 3238 |
| 24 | 0 | 0 | 0 | 0 | 0 | 25 | 106 | 198 | 257 | 309 | 346 | 344 | 366 | 420 | 401 | 365 | 231 | 150 | 28 | 0 | 0 | 0 | 0 | 0 | 3546 |
| 25 | 0 | 0 | 0 | 0 | 0 | 25 | 106 | 177 | 235 | 262 | 275 | 325 | 288 | 264 | 260 | 266 | 227 | 28 | 56 | 0 | 0 | 0 | 0 | 0 | 2794 |
| 26 | 0 | 0 | 0 | 0 | 0 | 13 | 90 | 224 | 325 | 353 | 217 | 257 | 221 | 239 | 260 | 210 | 208 | 52 | 11 | 0 | 0 | 0 | 0 | 0 | 2678 |
| 27 | 0 | 0 | 0 | 0 | 0 | 3 | 41 | 65 | 65 | 105 | 302 | 510 | 436 | 351 | 289 | 110 | 143 | 42 | 39 | 0 | 0 | 0 | 0 | 0 | 2500 |
| 28 | 0 | 0 | 0 | 0 | 0 | 20 | 79 | 142 | 310 | 343 | 369 | 320 | 375 | 196 | 275 | 166 | 134 | 79 | 24 | 0 | 0 | 0 | 0 | 0 | 2833 |
| 29 | 0 | 0 | 0 | 0 | 0 | 9 | 52 | 149 | 236 | 262 | 322 | 481 | 456 | 258 | 203 | 205 | 164 | 84 | 16 | 0 | 0 | 0 | 0 | 0 | 2897 |
| 30 | 0 | 0 | 0 | 0 | 0 | 21 | 90 | 203 | 231 | 269 | 283 | 327 | 271 | 311 | 338 | 258 | 177 | 123 | 17 | 0 | 0 | 0 | 0 | 0 | 2919 |
| 31 | 0 | 0 | 0 | 0 | 0 | 14 | 132 | 356 ? | 268 | 296 | 196 | 240 | 236 | 285 | 104 | 167 | 15 | 53 | 26 | 0 | 0 | 0 | 0 | 0 | 2387 |
| Avg | 0 | 0 | 0 | 0 | 0 | 24 | 114 | 234 | 308 | 342 | 345 | 345 | 332 | 303 | 270 | 230 | 166 | 100 | 36 | 2 | 0 | 0 | 0 | 0 | 3121 |
| S/D | 0 | 0 | 0 | 0 | 1 | 11 | 43 | 91 | 132 | 139 | 142 | 109 | 95 | 96 | 80 | 64 | 41 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 622 |
| S/A | 0 | 0 | 0 | 0 | 2.46 | 0.44 | 0.38 | 0.39 | 0.43 | 0.41 | 0.41 | 0.32 | 0.29 | 0.32 | 0.3 | 0.34 | 0.38 | 0.41 | 0.39 | 1.42 | 0 | 0 | 0 | 0 | 0.2 |
| Min | 0 | 0 | 0 | 0 | 0 | 3 | 12 | 65 | 59 | 105 | 111 | 111 | 107 | 40 | 90 | 83 | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 1366 |
| Max | 0 | 0 | 0 | 0 | 3 | 50 | 190 | 375 | 524 | 627 | 690 | 632 | 537 | 503 | 401 | 369 | 283 | 182 | 58 | 8 | 0 | 0 | 0 | 0 | 4549 |
| n | 0 | 0 | 0 | 0 | 8 | 350 | 367 | 350 | 327 | 334 | 354 | 372 | 372 | 372 | 372 | 372 | 370 | 372 | 372 | 35 | 0 | 0 | 0 | 0 | 5099 |

Daylight Data Recovery: 0.0% missing; 2.6% exceed the 15% QC threshold -- 5233 total daylight measurements.

Instrument: Eppley PSP Serial Number: 18039F3 Calibration Factor: 7.470 μV/W/m² Calibration Date: 05/1998

| Data & Flag | Hour Column | Day Column |
|-------------|---------------|---------------|
| <value> * | > 20% Missing | > 10% Missing |
| <value> ? | > 20% Fail QC | > 10% Fail QC |
| <blank> * | > 90% Missing | > 90% Missing |
| <blank> ? | > 90% Fail QC | > 90% Fail QC |

Note: Daily values with a missing flag (*) are not used in monthly statistics.