

August 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 | 0 | 7 | 78 | 292 | 360 | 493 | 760 | 758 | 698 | 907 | 814 | 602 | 489 | 265 | 107 | 19 | 0 | 0 | 0 | 0 | 6649 |
| 2 | 0 | 0 | 0 | 0 | 0 | 8 | 87 | 282 | 495 | 678 | 831 | 924 | 957 | 937 | 841 | 693 | 494 | 285 | 79 | 6 | 0 | 0 | 0 | 0 | 7595 |
| 3 | 0 | 0 | 0 | 0 | 0 | 8 | 50 | 243 | 493 | 739 | 845 | 674 | 686 | 595 | 359 | 421 | 367 | 236 | 69 | 3 | 0 | 0 | 0 | 0 | 5788 |
| 4 | 0 | 0 | 0 | 0 | 0 | 6 | 78 | 259 | 487 | 637 | 891 | 819 | 900 | 928 | 823 | 649 | 403 | 188 | 81 | 12 | 0 | 0 | 0 | 0 | 7161 |
| 5 | 0 | 0 | 0 | 0 | 0 | 5 | 61 | 241 | 374 | 268 | 775 | 834 | 631 | 74 | 94 | 36 | 139 | 138 | 42 | 5 | 0 | 0 | 0 | 0 | 3717 |
| 6 | 0 | 0 | 0 | 0 | 0 | 4 | 51 | 168 | 267 | 277 | 443 | 479 | 510 | 525 | 593 | 408 | 433 | 227 | 78 | 3 | 0 | 0 | 0 | 0 | 4465 |
| 7 | 0 | 0 | 0 | 0 | 0 | 3 | 57 | 256 | 456 | 635 | 591 | 684 | 382 | 407 | 603 | 445 | 465 | 189 | 52 | 4 | 0 | 0 | 0 | 0 | 5229 |
| 8 | 0 | 0 | 0 | 0 | 0 | 6 | 78 | 265 | 471 | 655 | 793 | 770 | 696 | 784 | 465 | 592 | 353 | 269 | 65 | 3 | 0 | 0 | 0 | 0 | 6264 |
| 9 | 0 | 0 | 0 | 0 | 0 | 6 | 62 | 253 | 462 | 669 | 790 | 915 | 930 | 633 | 578 | 650 | 413 | 161 | 43 | 1 | 0 | 0 | 0 | 0 | 6566 |
| 10 | 0 | 0 | 0 | 0 | 0 | 8 | 78 | 256 | 454 | 593 | 640 | 690 | 367 | 132 | 73 | 74 | 62 | 179 | 56 | 3 | 0 | 0 | 0 | 0 | 3665 |
| 11 | 0 | 0 | 0 | 0 | 0 | 7 | 50 | 195 | 448 | 641 | 791 | 890 | 811 | 619 | 615 | 444 | 373 | 198 | 4 | 0 | 0 | 0 | 0 | 0 | 6083 |
| 12 | 0 | 0 | 0 | 0 | 0 | 5 | 58 | 248 | 449 | 617 | 776 | 782 | 808 | 760 | 670 | 485 | 409 | 205 | 44 | 3 | 0 | 0 | 0 | 0 | 6319 |
| 13 | 0 | 0 | 0 | 0 | 0 | 6 | 62 | 245 | 443 | 638 | 781 | 842 | 786 | 761 | 470 | 378 | 331 | 169 | 49 | 9 | 0 | 0 | 0 | 0 | 5968 |
| 14 | 0 | 0 | 0 | 0 | 0 | 1 | 24 | 111 | 117 | 340 | 466 | 310 | 454 | 361 | 250 | 78 | 144 | 30 | 17 | 12 | 0 | 0 | 0 | 0 | 2714 |
| 15 | 0 | 0 | 0 | 0 | 0 | 6 | 38 | 112 | 251 | 542 | 530 | 628 | 405 | 669 | 648 | 491 | 280 | 118 | 31 | 5 | 0 | 0 | 0 | 0 | 4755 |
| 16 | 0 | 0 | 0 | 0 | 0 | 8 | 66 | 231 | 327 | 432 | 406 | 584 | 790 | 628 | 697 | 593 | 269 | 177 | 23 | 2 | 0 | 0 | 0 | 0 | 5231 |
| 17 | 0 | 0 | 0 | 0 | 0 | 5 | 62 | 251 | 432 | 589 | 334 | 588 | 558 | 570 | 760 | 596 | 337 | 81 | 13 | 0 | 0 | 0 | 0 | 0 | 5174 |
| 18 | 0 | 0 | 0 | 0 | 0 | 5 | 60 | 238 | 451 | 574 | 777 | 876 | 879 | 706 | 687 | 426 | 254 | 174 | 19 | 0 | 0 | 0 | 0 | 0 | 6126 |
| 19 | 0 | 0 | 0 | 0 | 0 | 2 | 29 | 121 | 198 | 389 | 796 | 829 | 703 | 650 | 604 | 390 | 301 | 203 | 82 | 0 | 0 | 0 | 0 | 0 | 5295 |
| 20 | 0 | 0 | 0 | 0 | 0 | 1 | 30 | 224 | 410 | 630 | 765 | 775 | 682 | 584 | 391 | 678 | 400 | 206 | 43 | 0 | 0 | 0 | 0 | 0 | 5818 |
| 21 | 0 | 0 | 0 | 0 | 0 | 3 | 28 | 177 | 438 | 619 | 766 | 697 | 507 | 517 | 720 | 417 | 335 | 154 | 27 | 0 | 0 | 0 | 0 | 0 | 5406 |
| 22 | 0 | 0 | 0 | 0 | 0 | 1 | 52 | 234 ? | 414 | 628 | 692 | 595 | 730 | 760 | 661 | 444 | 337 | 178 | 35 | 0 | 0 | 0 | 0 | 0 | 5761 |
| 23 | 0 | 0 | 0 | 0 | 0 | 4 | 52 | 236 | 440 | 609 | 766 | 827 | 795 | 765 | 692 | 593 | 387 | 185 | 34 | 0 | 0 | 0 | 0 | 0 | 6384 |
| 24 | 0 | 0 | 0 | 0 | 0 | 2 | 45 | 157 | 358 | 583 | 722 | 846 | 867 | 821 | 626 | 457 | 261 | 23 | 3 | 0 | 0 | 0 | 0 | 0 | 5769 |
| 25 | 0 | 0 | 0 | 0 | 0 | 4 | 48 | 222 | 428 | 591 | 660 | 691 | 759 | 764 | 532 | 454 | 359 | 183 | 34 | 0 | 0 | 0 | 0 | 0 | 5730 |
| 26 | 0 | 0 | 0 | 0 | 0 | 2 | 46 | 262 | 426 | 564 | 771 | 851 | 789 | 713 | 682 | 543 | 367 | 170 | 32 | 0 | 0 | 0 | 0 | 0 | 6218 |
| 27 | 0 | 0 | 0 | 0 | 0 | 4 | 50 | 187 | 384 | 565 | 732 | 747 | 805 | 676 | 642 | 599 | 351 | 165 | 31 | 0 | 0 | 0 | 0 | 0 | 5938 |
| 28 | 0 | 0 | 0 | 0 | 0 | 1 | 45 | 201 | 406 | 591 | 745 | 829 | 853 | 834 | 728 | 518 | 299 | 135 | 15 | 0 | 0 | 0 | 0 | 0 | 6199 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 127 | 283 | 638 | 775 | 806 | 860 | 875 | 648 | 367 | 267 | 166 | 36 | 0 | 0 | 0 | 0 | 0 | 5882 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 193 | 395 | 650 | 746 | 534 | 577 | 447 | 364 | 349 | 168 | 73 | 28 | 0 | 0 | 0 | 0 | 0 | 4577 |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 132 | 251 | 481 | 585 | 767 | 701 | 603 | 430 | 321 | 271 | 132 | 33 | 0 | 0 | 0 | 0 | 0 | 4758 |
| Avg | 0 | 0 | 0 | 0 | 0 | 4 | 54 | 214 | 389 | 566 | 701 | 737 | 706 | 645 | 573 | 458 | 326 | 170 | 42 | 3 | 0 | 0 | 0 | 0 | 5587 |
| S D | 0 | 0 | 0 | 0 | 0 | 3 | 16 | 52 | 93 | 115 | 137 | 139 | 165 | 205 | 193 | 166 | 101 | 61 | 25 | 5 | 0 | 0 | 0 | 0 | 1028 |
| S/A | 0 | 0 | 0 | 0 | 0 | 0.63 | 0.3 | 0.25 | 0.24 | 0.2 | 0.2 | 0.19 | 0.23 | 0.32 | 0.34 | 0.36 | 0.31 | 0.36 | 0.59 | 1.56 | 0 | 0 | 0 | 0 | 0.18 |
| Min | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 111 | 117 | 268 | 334 | 310 | 367 | 74 | 73 | 36 | 62 | 23 | 3 | 0 | 0 | 0 | 0 | 0 | 2714 |
| Max | 0 | 0 | 0 | 0 | 0 | 8 | 87 | 292 | 495 | 739 | 891 | 924 | 957 | 937 | 841 | 693 | 494 | 285 | 107 | 19 | 0 | 0 | 0 | 0 | 7595 |
| n | 0 | 0 | 0 | 0 | 0 | 73 | 372 | 368 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 372 | 370 | 354 | 33 | 0 | 0 | 0 | 0 | 4918 |

Daylight Data Recovery: 0.0% missing; 0.1% exceed the 15% QC threshold -- 4924 total daylight measurements.

Instrument: Eppley PSP Serial Number: 28401F3 Calibration Factor: 7.980 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.

August 2001

Estimated Direct Normal Solar Radiation
 Hourly Integrated and Daily Totals
 Instrument: Calculated
 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 | 0 | * | |
| 2 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 3 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 4 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 5 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 6 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 7 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | * |
| 8 | 0 | 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 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 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 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 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 | 0 | N/A | N/A | N/A | 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 | * |
| 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 | 0 | N/A | N/A | N/A | N/A | 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 | 0 | N/A | N/A | N/A | N/A | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Daylight Data Recovery: 100.0% missing; 0.0% exceed the 15% QC threshold -- 4924 total daylight measurements.

Instrument: Calculated Serial Number: Estimated Calibration Factor: Global = Diffuse + Direct * COS (Zenith Angle) Calibration Date: N/A

| 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.

Savannah State College
32.03 N Latitude 81.07 W Longitude 11 Meters AMSL Time Zone -5

August 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 | 0 | 7 | 75 | 261 ? | 282 ? | 418 | 507 ? | 527 ? | 600 | 726 ? | ? | 529 ? | 364 ? | 255 | 105 | 19 | 0 | 0 | 0 | 0 | 4675 ? |
| 2 | 0 | 0 | 0 | 0 | 0 | 7 | 87 | 271 | ? | ? | ? | ? | ? | ? | ? | ? | ? | 262 | 83 | 6 | 0 | 0 | 0 | 0 | 715 ? |
| 3 | 0 | 0 | 0 | 0 | 0 | 7 | 46 | 150 ? | 241 ? | ? | ? | 341 ? | 519 ? | 443 ? | 301 | 402 | 353 | 201 | 67 | 3 | 0 | 0 | 0 | 0 | 3074 ? |
| 4 | 0 | 0 | 0 | 0 | 0 | 5 | 72 | 243 | 342 ? | 397 ? | ? | 339 ? | 567 ? | ? | ? | ? | 346 ? | 182 | 78 | 12 | 0 | 0 | 0 | 0 | 2585 ? |
| 5 | 0 | 0 | 0 | 0 | 0 | 4 | 57 | 188 | 262 ? | 246 | 550 ? | 525 ? | 303 ? | 69 | 86 | 33 | 127 | 126 | 38 | 4 | 0 | 0 | 0 | 0 | 2619 ? |
| 6 | 0 | 0 | 0 | 0 | 0 | 4 | 46 | 155 | 244 | 252 | 406 | 441 | 469 | 490 | 524 | 377 | 351 ? | 216 | 74 | 3 | 40 | 0 | 0 | 0 | 4052 |
| 7 | 0 | 0 | 0 | 0 | 0 | 3 | 54 | 252 | 418 ? | ? | 495 ? | 557 ? | 268 | 368 | 477 ? | 359 ? | 381 ? | 186 | 52 | 4 | 0 | 0 | 0 | 0 | 3873 ? |
| 8 | 0 | 0 | 0 | 0 | 0 | 6 | 77 | 264 | 395 ? | ? | ? | 582 ? | 472 ? | 575 ? | 353 ? | 404 ? | 340 | 242 | 66 | 4 | 0 | 0 | 0 | 0 | 3780 ? |
| 9 | 0 | 0 | 0 | 0 | 0 | 6 | 61 | 250 | 411 ? | ? | ? | ? | 705 ? | 473 ? | 481 ? | ? | 368 ? | 155 | 41 | 1 | 0 | 0 | 0 | 0 | 2952 ? |
| 10 | 0 | 0 | 0 | 0 | 0 | 8 | 76 | 251 | 410 ? | 395 ? | 504 ? | 592 ? | 338 | 115 | 68 | 67 | 58 | 171 | 54 | 3 | 0 | 0 | 0 | 0 | 3109 ? |
| 11 | 0 | 0 | 0 | 0 | 0 | 6 | 47 | 188 | 274 ? | ? | ? | ? | 695 ? | 497 ? | 439 ? | 378 ? | 357 | 194 | 4 | 0 | 0 | 0 | 0 | 0 | 3080 ? |
| 12 | 0 | 0 | 0 | 0 | 0 | 4 | 56 | 243 | 411 ? | ? | 665 ? | 568 ? | 466 ? | 625 ? | 519 ? | 433 ? | 400 | 197 | 43 | 3 | 0 | 0 | 0 | 0 | 4633 ? |
| 13 | 0 | 0 | 0 | 0 | 0 | 5 | 59 | 239 | 390 ? | ? | 436 ? | 612 ? | 579 ? | 613 ? | 393 | 307 | 306 | 146 | 47 | 9 | 0 | 0 | 0 | 0 | 4142 ? |
| 14 | 0 | 0 | 0 | 0 | 0 | 1 | 22 | 102 | 108 | 310 | 399 | 285 | 408 | 333 | 229 | 71 | 132 | 26 | 15 | 10 | 0 | 0 | 0 | 0 | 2451 |
| 15 | 0 | 0 | 0 | 0 | 0 | 6 | 35 | 104 | 229 | 375 ? | 437 | 548 | 261 | 372 ? | 557 ? | 363 ? | 237 | 109 | 29 | 5 | 0 | 0 | 0 | 0 | 3667 ? |
| 16 | 0 | 0 | 0 | 0 | 0 | 7 | 64 | 222 | 276 | 303 ? | 303 | 441 ? | 515 ? | 486 ? | 401 ? | 443 ? | 253 | 166 | 22 | 2 | 0 | 0 | 0 | 0 | 3905 ? |
| 17 | 0 | 0 | 0 | 0 | 0 | 5 | 55 | 235 | 399 | 551 ? | 229 | 347 ? | 458 | 370 ? | ? | 395 ? | 308 | 75 | 12 | 0 | 0 | 0 | 0 | 0 | 3439 ? |
| 18 | 0 | 0 | 0 | 0 | 0 | 5 | 58 | 231 | 394 ? | 397 ? | 520 ? | ? | ? | 515 ? | 329 ? | 386 | 203 | 168 | 19 | 0 | 0 | 0 | 0 | 0 | 3224 ? |
| 19 | 0 | 0 | 0 | 0 | 0 | 2 | 27 | 111 | 181 | 360 | 592 ? | 670 ? | 579 ? | 560 ? | 492 ? | 304 | 263 | 176 | 71 | 0 | 0 | 0 | 0 | 0 | 4387 ? |
| 20 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 210 | 378 | ? | 620 ? | 658 ? | 489 ? | 444 ? | 361 | ? | 313 ? | 169 | 42 | 0 | 0 | 0 | 0 | 0 | 3713 ? |
| 21 | 0 | 0 | 0 | 0 | 0 | 3 | 26 | 167 | 390 ? | ? | ? | 594 ? | 400 | 355 ? | 448 ? | 358 | 181 ? | 145 | 26 | 0 | 0 | 0 | 0 | 0 | 3092 ? |
| 22 | 0 | 0 | 0 | 0 | 0 | 1 | 55 | 215 ? | 403 | ? | 429 ? | 414 ? | 511 ? | 554 ? | 539 ? | 342 ? | 304 | 168 | 34 | 0 | 0 | 0 | 0 | 0 | 3969 ? |
| 23 | 0 | 0 | 0 | 0 | 0 | 4 | 53 | 228 | 399 ? | 505 ? | 570 ? | 600 ? | 622 ? | 609 ? | 499 ? | 509 ? | 379 | 178 | 33 | 0 | 0 | 0 | 0 | 0 | 5189 ? |
| 24 | 0 | 0 | 0 | 0 | 0 | 2 | 42 | 148 | 339 | 479 ? | 587 ? | ? | ? | 648 ? | 562 | 347 ? | 240 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 3418 ? |
| 25 | 0 | 0 | 0 | 0 | 0 | 4 | 46 | 181 ? | 402 | 525 ? | 570 ? | 621 ? | 549 ? | 587 ? | 476 | 409 | 342 | 174 | 33 | 0 | 0 | 0 | 0 | 0 | 4920 ? |
| 26 | 0 | 0 | 0 | 0 | 0 | 2 | 45 | 189 ? | 377 ? | 488 ? | 596 ? | ? | 613 ? | 512 ? | 508 ? | 468 ? | 353 | 160 | 31 | 0 | 0 | 0 | 0 | 0 | 4342 ? |
| 27 | 0 | 0 | 0 | 0 | 0 | 4 | 45 | 171 | 362 | 521 | 624 ? | 630 ? | 694 ? | 552 ? | 542 ? | ? | 333 | 156 | 29 | 0 | 0 | 0 | 0 | 0 | 4662 ? |
| 28 | 0 | 0 | 0 | 0 | 0 | 1 | 41 | 189 | 393 | 526 ? | ? | ? | ? | ? | ? | 418 ? | 294 | 129 | 14 | 0 | 0 | 0 | 0 | 0 | 2006 ? |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 116 | 172 ? | ? | ? | 566 ? | 681 ? | ? | 475 ? | 285 ? | 255 | 155 | 35 | 0 | 0 | 0 | 0 | 0 | 2773 ? |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 180 | 360 | 506 ? | 607 ? | 482 | 534 | 408 | 332 | 317 | 154 | 67 | 25 | 0 | 0 | 0 | 0 | 0 | 4021 ? |
| 31 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 121 | 227 | 369 ? | 487 | 596 ? | 570 ? | 534 | 366 | 295 | 250 | 122 | 31 | 0 | 0 | 0 | 0 | 0 | 4016 ? |
| Avg | 0 | 0 | 0 | 0 | 0 | 4 | 51 | 196 | 329 | 417 | 506 | 522 | 514 | 475 | 414 | 346 | 285 | 158 | 41 | 3 | 0 | 0 | 0 | 0 | 3564 ? |
| S D | 0 | 0 | 0 | 0 | 0 | 2 | 16 | 52 | 87 | 96 | 109 | 110 | 125 | 148 | 132 | 123 | 87 | 56 | 24 | 4 | 0 | 0 | 0 | 0 | 939 |
| S/A | 0 | 0 | 0 | 0 | 0 | 0.63 | 0.31 | 0.26 | 0.26 | 0.23 | 0.22 | 0.21 | 0.24 | 0.31 | 0.32 | 0.35 | 0.31 | 0.36 | 0.6 | 1.53 | 0 | 0 | 0 | 0 | 0.26 |
| Min | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 102 | 108 | 246 | 229 | 285 | 261 | 69 | 68 | 33 | 58 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 715 |
| Max | 0 | 0 | 0 | 0 | 0 | 8 | 87 | 271 | 418 | 551 | 665 | 670 | 705 | 726 | 562 | 529 | 400 | 262 | 105 | 19 | 0 | 0 | 0 | 0 | 5189 |
| n | 0 | 0 | 0 | 0 | 0 | 73 | 372 | 348 | 263 | 137 | 120 | 158 | 188 | 210 | 213 | 227 | 309 | 360 | 353 | 33 | 0 | 0 | 0 | 0 | 3376 |

Daylight Data Recovery: 0.0% missing; 31.4% exceed the 15% QC threshold -- 4924 total daylight measurements.

Instrument: Eppley PSP Serial Number: 17862F3 Calibration Factor: 7.530 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.