

Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - February 1998

Field: GHI

| Hour 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 | 50 | 207 | 394 | 533 | 620 | 640 | 589 | 472 | 306 | 107 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 3924 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 152 ? | 410 ? | 474 ? | 619 | 638 | 555 | 425 | 222 | 90 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 3635 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 64 | 83 | 87 | 114 | 89 | 80 | 51 | 30 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 634 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 6 | 9 | 37 | 133 | 76 | 113 | 65 | 8 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 457 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 27 | 54 | 91 | 121 | 157 | 97 | 75 | 52 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 697 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 41 | 41 | 117 | 117 | 136 | 94 | 123 | 64 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 764 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 76 | 143 | 170 | 180 | 168 | 181 | 125 | 82 | 34 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1177 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 38 | 70 | 75 | 111 | 128 | 111 | 75 | 83 | 64 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 764 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 177 | 381 | 577 | 660 | 484 | 376 | 312 | 295 | 133 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 3440 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 | 203 | 342 ? | 527 | 622 | 671 | 626 | 510 | 342 | 106 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 4028 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 106 | 280 | 327 | 219 | 310 | 420 | 273 | 127 | 41 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 2130 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 201 | 403 | 575 | 662 | 684 | 599 | 489 | 330 | 162 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 4174 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 236 | 395 | 477 | 474 | 303 | 257 | 272 | 202 | 79 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 2769 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 86 | 201 | 147 | 272 | 109 | 135 | 337 | 184 | 62 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1579 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 81 | 271 | 465 | 604 | 682 | 705 | 656 | 539 | 355 | 166 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 4553 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 71 | 103 | 292 | 165 | 108 | 76 | 58 | 41 | 23 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 976 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 28 | 27 | 46 | 91 | 192 | 362 | 269 | 61 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 1101 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 83 | 266 | 412 | 565 | 673 | 698 | 468 | 423 | 174 | 121 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 3905 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 89 | 272 | 463 | 611 | 702 | 724 | 672 | 553 | 385 | 182 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 4677 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 41 | 139 | 387 | 545 | 452 | 457 | 530 | 259 | 209 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 3064 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 95 | 286 | 476 | 625 | 717 | 711 | 507 | 181 | 163 | 81 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 3864 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 91 | 278 | 467 | 597 | 712 | 731 | 672 | 459 | 299 | 107 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 4433 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 12 | 62 | 151 | 338 | 113 | 366 | 314 | 127 | 28 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 1530 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14 | 64 | 63 | 93 | 133 | 320 | 204 | 388 | 297 | 215 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 1829 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 112 | 316 | 512 | 660 | 747 | 768 | 713 | 590 | 423 | 216 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 5097 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 115 | 318 | 507 | 650 | 737 | 715 | 626 | 378 | 420 | 193 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 4700 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 86 | 102 | 159 | 285 | 281 | 367 | 349 | 540 | 135 | 108 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 2431 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 19 | 42 | 51 | 68 | 172 | 550 | 661 | 572 | 388 | 219 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 2779 |
| Avg | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 45 | 142 | 254 | 351 | 413 | 416 | 388 | 339 | 216 | 102 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 2682 |
| S D | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 35 | 105 | 178 | 227 | 253 | 257 | 222 | 178 | 126 | 69 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 1492 |
| S/A | 0 | 0 | 0 | 0 | 0 | 0 | 1.69 | 0.78 | 0.74 | 0.7 | 0.65 | 0.61 | 0.62 | 0.57 | 0.53 | 0.58 | 0.67 | 0.78 | 0 | 0 | 0 | 0 | 0 | 0 | 0.56 |
| Min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 6 | 9 | 27 | 46 | 76 | 76 | 51 | 8 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 457 |
| Max | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 115 | 318 | 512 | 660 | 747 | 768 | 713 | 590 | 423 | 219 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 5097 |

Daylight Data Recovery: 0% missing; 21% exceed the 15% QC threshold -- 60768 total daylight 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

| Data and Flag | Hour Column | Day Column |
|---------------|----------------------|----------------------|
| <value>* | 20% < Missing < 100% | 10% < Missing < 100% |
| <value>? | 20% < Fail QC < 100% | 10% < Fail QC < 100% |
| <blank>* | 100% Missing | 100% Missing |
| <blank>? | 100% Fail QC | 100% Fail QC |

Station: EC
Latitude: 36.30° N
Longitude: 76.25° W
Elevation: 4 Meters AMSL
Time Zone: -5

Instrument: PSP
Calibration Constant: 7.12 uV/Wm-2
Serial Number: 17897F3
Calibration Date: 9/13/96

**Direct Normal Solar Radiation
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - February 1998**

Field: DNI

| Hour 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 | 316 | 731 | 878 | 937 | 964 | 978 | 970 | 929 | 833 | 521 | 96 | 0 | 0 | 0 | 0 | 0 | 0 | 8153 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 360 | ? | 627 | ? | 621 | 853 | 890 | 727 | 491 | 176 | 19 | 2 | 0 | 0 | 0 | 0 | 4811 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 41 | 214 | 705 | 782 | 363 | 250 | 166 | 275 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2871 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 | 627 | 749 | ? | 825 | 694 | 763 | 861 | 842 | 676 | 271 | 54 | 0 | 0 | 0 | 0 | 0 | 6540 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 84 | 37 | 1 | 11 | 71 | 60 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 268 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 | 359 | 649 | 852 | 900 | 908 | 816 | 643 | 713 | 626 | 148 | 0 | 0 | 0 | 0 | 0 | 0 | 6680 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 307 | 605 | 618 | 382 | 213 | 9 | 4 | 13 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2162 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 5 | 0 | 5 | 291 | 25 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 332 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 470 | 779 | 890 | 899 | 869 | 860 | 871 | 820 | 597 | 369 | 127 | 0 | 0 | 0 | 0 | 0 | 0 | 7559 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 276 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 530 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 398 | 626 | 640 | 782 | 870 | 891 | 373 | 316 | 30 | 169 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 5171 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 488 | 755 | 865 | 912 | 935 | 946 | 934 | 897 | 818 | 647 | 218 | 0 | 0 | 0 | 0 | 0 | 0 | 8437 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 285 | 508 | 181 | 288 | 780 | 311 | 582 | 186 | 0 | 0 | 0 | 0 | 0 | 0 | 3125 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 493 | 742 | 853 | 895 | 885 | 847 | 387 | 7 | 5 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 5153 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 259 | 587 | 757 | 724 | 872 | 875 | 822 | 360 | 144 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5412 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 25 | 0 | 113 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 171 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 20 | 1 | 116 | 200 | 599 | 268 | 0 | 0 | 0 | 0 | 0 | 0 | 1208 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 505 | 765 | 884 | 928 | 942 | 948 | 935 | 897 | 852 | 725 | 307 | 0 | 0 | 0 | 0 | 0 | 0 | 8732 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 541 | 779 | 871 | 912 | 933 | 882 | 775 | 396 | 858 | 607 | 303 | 0 | 0 | 0 | 0 | 0 | 0 | 7918 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 55 | 1 | 2 | 9 | 3 | 12 | 24 | 596 | 1 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 743 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 362 | 658 | 745 | 608 | 498 | 146 | 0 | 0 | 0 | 0 | 0 | 0 | 3019 |
| Avg | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 147 | 277 | 342 | 383 | 402 | 384 | 353 | 345 | 264 | 206 | 69 | 0 | 0 | 0 | 0 | 0 | 0 | 3180 |
| S D | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 198 | 330 | 382 | 404 | 424 | 419 | 380 | 342 | 322 | 266 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 3151 |
| S/A | 0 | 0 | 0 | 0 | 0 | 0 | 2.13 | 1.35 | 1.19 | 1.12 | 1.05 | 1.05 | 1.09 | 1.08 | 0.99 | 1.22 | 1.29 | 1.45 | 0 | 0 | 0 | 0 | 0 | 0 | 0.99 |
| Min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Max | 0 | 0 | 0 | 0 | 0 | 0 | 60 | 541 | 779 | 890 | 937 | 964 | 978 | 970 | 929 | 858 | 725 | 307 | 0 | 0 | 0 | 0 | 0 | 0 | 8732 |

Daylight Data Recovery: 0% missing; 15% exceed the 15% QC threshold -- 60768 total daylight 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

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|---------------|----------------------|----------------------|
| <value>* | 20% < Missing < 100% | 10% < Missing < 100% |
| <value>? | 20% < Fail QC < 100% | 10% < Fail QC < 100% |
| <blank>* | 100% Missing | 100% Missing |
| <blank>? | 100% Fail QC | 100% Fail QC |

Station: EC
Latitude: 36.30° N
Longitude: 76.25° W
Elevation: 4 Meters AMSL
Time Zone: -5

Instrument: NIP
Calibration Constant: 6.83 uV/Wm-2
Serial Number: 17828E6
Calibration Date: 9/13/96

Diffuse Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Elizabeth City State Universit - February 1998

Field: DHI

| Hour 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 | 17 | 39 | 47 | 50 | 49 | 47 | 43 | 38 | 35 | 23 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 390 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 | 60 | 122 ? | 156 | 102 | 88 | 121 | 168 | 144 | 83 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 1083 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 59 | 76 | 80 | 105 | 82 | 74 | 47 | 28 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 583 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 8 | 34 | 122 | 70 | 104 | 60 | 7 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 421 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 25 | 50 | 84 | 111 | 143 | 89 | 68 | 48 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 639 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 38 | 37 | 107 | 108 | 125 | 87 | 113 | 58 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 701 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 70 | 132 | 155 | 164 | 154 | 166 | 115 | 76 | 31 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1078 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 34 | 64 | 69 | 101 | 117 | 102 | 69 | 76 | 58 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 699 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 155 | 258 | 156 | 135 | 207 | 187 | 197 | 175 | 107 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 1617 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 59 | 74 ? | 78 | 142 | 143 | 86 | 70 | 79 | 53 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 829 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 100 | 224 | 290 | 201 | 279 | 349 | 225 | 118 | 38 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1848 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 88 | 106 | 84 | 76 | 79 | 84 | 135 | 62 | 35 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 797 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 67 | 111 | 237 | 309 | 283 | 246 | 261 | 193 | 74 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1819 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 77 | 187 | 134 | 251 | 98 | 120 | 163 | 162 | 56 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 1291 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 46 | 56 | 73 | 95 | 110 | 98 | 95 | 105 | 78 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 802 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 64 | 93 | 274 | 150 | 98 | 69 | 52 | 37 | 21 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 891 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 25 | 24 | 42 | 82 | 173 | 201 | 143 | 56 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 769 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 | 84 | 104 | 83 | 79 | 78 | 208 | 227 | 150 | 85 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 1143 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 26 | 45 | 53 | 59 | 62 | 61 | 60 | 55 | 48 | 34 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 512 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 37 | 124 | 221 | 193 | 306 | 255 | 91 | 132 | 70 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 1458 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 | 50 | 60 | 71 | 96 | 105 | 228 | 165 | 149 | 76 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 1048 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 49 | 85 | 94 | 128 | 98 | 101 | 115 | 223 | 222 | 99 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 1233 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 11 | 55 | 137 | 296 | 102 | 267 | 274 | 113 | 25 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1296 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 57 | 56 | 82 | 118 | 285 | 182 | 297 | 207 | 74 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 1386 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 35 | 56 | 63 | 68 | 74 | 75 | 75 | 66 | 53 | 36 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 614 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 32 | 50 | 60 | 64 | 65 | 65 | 87 | 123 | 45 | 38 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 644 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 4 ? | 78 | 91 | 141 | 268 | 260 | 344 | 314 | 172 | 121 | 92 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 1898 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 17 | 37 | 45 | 61 | 152 | 237 | 177 | 120 | 105 | 88 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 1060 |
| Avg | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24 | 57 | 90 | 119 | 134 | 142 | 149 | 139 | 103 | 53 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1020 |
| S D | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 16 | 31 | 57 | 74 | 71 | 85 | 80 | 75 | 57 | 29 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 426 |
| S/A | 0 | 0 | 0 | 0 | 0 | 0 | 1.47 | 0.64 | 0.54 | 0.63 | 0.62 | 0.53 | 0.6 | 0.54 | 0.54 | 0.56 | 0.55 | 0.61 | 0 | 0 | 0 | 0 | 0 | 0 | 0.42 |
| Min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 8 | 24 | 42 | 47 | 43 | 38 | 7 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 390 |
| Max | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 78 | 155 | 258 | 290 | 309 | 344 | 349 | 297 | 222 | 107 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 1898 |

Daylight Data Recovery: 0% missing; 15% exceed the 15% QC threshold -- 60768 total daylight 5-minute measurements.

Note: Fractional values that do not appear in the hour columns are included in the calculation for daily values.

| Data and Flag | Hour Column | Day Column |
|---------------|----------------------|----------------------|
| <value>* | 20% < Missing < 100% | 10% < Missing < 100% |
| <value>? | 20% < Fail QC < 100% | 10% < Fail QC < 100% |
| <blank>* | 100% Missing | 100% Missing |
| <blank>? | 100% Fail QC | 100% Fail QC |

Station: EC
Latitude: 36.30° N
Longitude: 76.25° W
Elevation: 4 Meters AMSL
Time Zone: -5

Instrument: PSP
Calibration Constant: 9.38 uV/Wm-2
Serial Number: 25782F3
Calibration Date: 9/13/96