

**Global Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Mississippi Valley State Unive - November 1997**

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 | 19 | 76 | 107 | 359 | 359 | 510 | 415 | 290 | 180 | 50 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2413 | | | |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 163 | 356 | 524 | 646 | 701 | 680 | 593 | 379 | 179 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4249 | | | |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 161 | 347 | 511 | 629 | 626 | 394 | 172 | 114 | 99 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3093 | | | |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 131 | 328 | 450 | 583 | 647 | 651 | 458 | 339 | 184 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3826 | | | |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 66 | 144 | 196 | 163 | 118 | 74 | 46 | 128 | 204 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1214 | | | |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 34 | 115 | 71 | 119 | 126 | 89 | 77 | 75 | 30 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 745 | | | |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 18 | 68 | 110 | 261 | 199 | 131 | 149 | 125 | 71 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1153 | | | |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 71 | 151 | 192 | 176 | 178 | 242 | 237 | 170 | 96 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1543 | | | |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 131 | 263 | 469 | 304 | 545 | 328 | 199 | 232 | 187 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2711 | | | |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 39 | 72 | 206 | 216 | 178 | 237 | 127 | 95 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1196 | | | |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 56 | 127 | 236 | 387 | 683 | 617 | 517 | 375 | 199 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3234 | | | |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 23 | 31 | 87 | 106 | 143 | 167 | 53 | 23 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 649 | | | |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 28 | 83 | 72 | 46 | 83 | 85 | 183 | 120 | 50 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 760 | | | |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 20 | 83 | 129 | 156 | 176 | 190 | 170 | 107 | 46 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1085 | | | |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 31 | 48 | 128 | 225 | 201 | 199 | 212 | 166 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1259 | | | |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 115 | 299 | 460 | 528 | 525 | 419 | 483 | 368 | 201 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3445 | | | |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 212 | ? | ? | 475 | 582 | ? | 643 | ? | 590 | 426 | 221 | 174 | 49 | 0 | 0 | 0 | 0 | 3388 | ? | | |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 32 | 81 | 240 | 257 | 110 | 175 | 151 | 59 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1235 | ? | | |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 84 | 262 | ? | 566 | ? | ? | 568 | ? | 462 | 309 | 109 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 2387 | ? | |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 118 | 230 | 315 | 466 | ? | 397 | ? | 314 | ? | 290 | 266 | 113 | 24 | 0 | 0 | 0 | 0 | 0 | 2540 | ? | |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 15 | 167 | 201 | 186 | 95 | 40 | 57 | 80 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 877 | ? | |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 62 | 167 | 164 | 209 | 205 | 113 | 95 | 80 | 34 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1146 | ? | |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 65 | 165 | 246 | 412 | 523 | ? | 545 | ? | 475 | 332 | 158 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 2951 | ? | |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 70 | 243 | ? | ? | 478 | ? | ? | 538 | ? | 489 | 349 | 172 | 28 | 0 | ? | 0 | 0 | 0 | 0 | 2369 | ? |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 88 | 234 | ? | ? | ? | ? | ? | 456 | ? | 347 | 177 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1334 | ? |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 47 | 129 | 244 | 327 | 194 | 105 | 233 | 86 | 57 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1444 | ? | |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 48 | 116 | 191 | 278 | 256 | 347 | 284 | 206 | 153 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1899 | ? | |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 58 | 195 | 312 | 352 | 536 | ? | 462 | 365 | 184 | 85 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2566 | ? | |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 51 | 153 | 153 | 121 | 117 | 94 | 177 | 287 | 132 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1314 | ? | |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 62 | 108 | 93 | 221 | 161 | 332 | 199 | 82 | 36 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1298 | ? | |
| Avg | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 70 | 161 | 242 | 319 | 333 | 312 | 278 | 202 | 114 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1978 | ? | |
| S D | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 50 | 97 | 152 | 174 | 212 | 198 | 153 | 106 | 60 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1007 | ? | |
| S/A | 0 | 0 | 0 | 0 | 0 | 0 | 1.18 | 0.71 | 0.6 | 0.63 | 0.55 | 0.64 | 0.63 | 0.55 | 0.53 | 0.52 | 0.55 | 3.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.51 | ? | |
| Min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 15 | 31 | 46 | 83 | 74 | 40 | 53 | 23 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 649 | ? | |
| Max | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 212 | 356 | 524 | 646 | 701 | 680 | 593 | 379 | 204 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4249 | ? | |

Daylight Data Recovery: 0% missing; 18% exceed the 15% QC threshold -- 49665 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: MV
Latitude: 33.50° N
Longitude: 90.33° W
Elevation: 52 Meters AMSL
Time Zone: -6

Instrument: PSP
Calibration Constant: 8.50 uV/Wm-2
Serial Number: 18038F3
Calibration Date: 9/13/96

Direct Normal Solar Radiation
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Mississippi Valley State Unive - November 1997

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 | 1 | 2 | 1 | 175 | 105 | 378 | 204 | 107 | 38 | 0 | 121 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1135 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 167 | 605 | 765 | 833 | 870 | 880 | 870 | 844 | 485 | 209 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6538 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 143 | 562 | 718 | 782 | 811 | 647 | 127 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3790 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 584 | 709 | 549 | 570 | 701 | 731 | 372 | 351 | 224 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4861 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 70 | 5 | 12 | 1 | 0 | 0 | 0 | 23 | 304 | 102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 576 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 2 | 1 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 245 | 248 | 478 | 33 | 391 | 64 | 2 | 130 | 344 | 210 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2155 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 17 | 429 | 633 | 633 | 523 | 404 | 85 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2728 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 14 | 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 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 5 | 4 | 70 | 244 | 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 494 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 434 | 631 | 703 | 558 | 397 | 267 | 467 | 566 | 572 | 261 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4908 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 506 | 647 | ? | 734 | 774 | ? | 797 | ? | 696 | 406 | 86 | 287 | 173 | 0 | 0 | 0 | 0 | 5177 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 28 | 0 | 0 | 3 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 498 | ? | 705 | ? | ? | 631 | ? | 421 | 366 | 175 | 121 | 0 | 0 | 0 | 0 | 0 | 2942 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 47 | 354 | 199 | 194 | 279 | ? | 83 | ? | 32 | ? | 22 | 210 | 56 | 9 | 0 | 0 | 0 | 0 | 1484 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 13 | 4 | 0 | 0 | 0 | 65 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 185 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 23 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 4 | 86 | 301 | ? | 487 | ? | 531 | 469 | 315 | 75 | 0 | 0 | 0 | 0 | 0 | 2272 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 99 | 440 | ? | ? | 617 | ? | ? | 670 | ? | 684 | 635 | 494 | 192 | 0 | 0 | 0 | 0 | 3834 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 336 | 507 | ? | ? | ? | ? | ? | 660 | ? | 586 | 478 | 118 | 0 | 0 | 0 | 0 | 0 | 2702 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 70 | 46 | 36 | 20 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 180 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 16 | 5 | 13 | 7 | 44 | 12 | 64 | 107 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 280 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 159 | 121 | 98 | 375 | ? | 404 | 205 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1418 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 42 | 3 | 0 | 0 | 0 | 17 | 203 | 203 | 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 574 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 97 | 110 | 0 | 6 | 1 | 109 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 331 |
| Avg | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 132 | 193 | 175 | 195 | 201 | 206 | 180 | 162 | 149 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1624 |
| S/D | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 205 | 267 | 281 | 296 | 279 | 284 | 263 | 215 | 176 | 77 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1889 |
| S/A | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1.55 | 1.38 | 1.6 | 1.52 | 1.39 | 1.38 | 1.46 | 1.33 | 1.18 | 1.26 | 4.56 | 0 | 0 | 0 | 0 | 0 | 0 | 1.16 |
| 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 | 1 |
| Max | 0 | 0 | 0 | 0 | 0 | 0 | 167 | 605 | 765 | 833 | 870 | 880 | 870 | 844 | 635 | 572 | 261 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 6538 |

Daylight Data Recovery: 0% missing; 18% exceed the 15% QC threshold -- 49665 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: MV
Latitude: 33.50° N
Longitude: 90.33° W
Elevation: 52 Meters AMSL
Time Zone: -6

Instrument: NIP
Calibration Constant: 7.46 uV/W/m-2
Serial Number: 25792E6
Calibration Date: 9/13/96

Diffuse Solar Radiation on a Horizontal Surface
Hourly Integrated and Daily Totals
Watt-Hours per Square Meter
Mississippi Valley State Unive - November 1997

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 | 18 | 69 | 99 | 254 | 278 | 223 | 250 | 212 | 151 | 48 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1643 | |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 33 | 43 | 49 | 51 | 53 | 55 | 56 | 122 | 119 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 597 | |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 44 | 55 | 64 | 74 | 143 | 287 | 159 | 105 | 93 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1055 | |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 32 | 55 | 133 | 174 | 117 | 115 | 200 | 151 | 106 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1123 | |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 54 | 135 | 183 | 150 | 109 | 69 | 43 | 113 | 115 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1023 | |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 31 | 107 | 66 | 111 | 117 | 83 | 72 | 71 | 29 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 696 | |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 17 | 64 | 103 | 227 | 186 | 122 | 140 | 117 | 66 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1061 | |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 66 | 142 | 179 | 164 | 166 | 225 | 221 | 157 | 89 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1437 | |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 83 | 143 | 179 | 278 | 251 | 268 | 188 | 171 | 93 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1678 | |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 14 | 36 | 67 | 194 | 201 | 165 | 220 | 117 | 88 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1112 | |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 52 | 119 | 216 | 365 | 354 | 175 | 130 | 125 | 83 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1645 | |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 21 | 29 | 81 | 99 | 134 | 155 | 49 | 21 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 606 | |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 26 | 78 | 67 | 42 | 77 | 79 | 169 | 111 | 47 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 706 | |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 18 | 77 | 120 | 146 | 164 | 176 | 158 | 100 | 43 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1012 | |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 29 | 45 | 119 | 208 | 186 | 188 | 169 | 101 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1079 | |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 38 | 60 | 76 | 151 | 229 | 220 | 192 | 113 | 53 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1153 | |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 37 | 52 | ? | 51 | 54 | ? | 63 | ? | 94 | 161 | 181 | 96 | 35 | 0 | 0 | 0 | 0 | 829 | |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 30 | 76 | 218 | 221 | 104 | 104 | 166 | 136 | 56 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1131 | |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 67 | 71 | ? | 69 | ? | ? | 103 | ? | 169 | 130 | 52 | 13 | 0 | 0 | 0 | 0 | 0 | 677 | ? |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 57 | 148 | 182 | 251 | ? | 320 | ? | 269 | ? | 262 | 174 | 94 | 23 | 0 | 0 | 0 | 0 | 1783 | |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 14 | 122 | 185 | 174 | 90 | 37 | 54 | 66 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 770 | |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 59 | 151 | 158 | 200 | 195 | 107 | 91 | 76 | 32 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1084 | |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 60 | 155 | 231 | 325 | 266 | ? | 183 | ? | 138 | 112 | 72 | 20 | 0 | 0 | 0 | 0 | 0 | 1565 | |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 39 | 69 | ? | ? | 85 | ? | ? | 82 | ? | 68 | 57 | 42 | 11 | 0 | 0 | 0 | 0 | 456 | ? |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 31 | 51 | ? | ? | ? | ? | ? | 66 | ? | 69 | 48 | 14 | 0 | 0 | 0 | 0 | 0 | 281 | ? |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 43 | 89 | 211 | 290 | 170 | 100 | 221 | 82 | 53 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1281 | |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 45 | 106 | 181 | 259 | 238 | 304 | 271 | 176 | 122 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1722 | |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 47 | 117 | 232 | 269 | 239 | ? | 158 | 217 | 165 | 79 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 1539 | |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 49 | 132 | 144 | 115 | 111 | 89 | 159 | 181 | 83 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1082 | |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 42 | 70 | 88 | 207 | 153 | 235 | 186 | 77 | 34 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1097 | |
| Avg | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 41 | 86 | 135 | 177 | 175 | 156 | 157 | 120 | 71 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1097 | |
| S D | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 19 | 41 | 67 | 87 | 74 | 73 | 62 | 40 | 28 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 392 | |
| S/A | 0 | 0 | 0 | 0 | 0 | 0 | 1.17 | 0.46 | 0.48 | 0.5 | 0.49 | 0.42 | 0.46 | 0.4 | 0.33 | 0.4 | 0.5 | 3.74 | 0 | 0 | 0 | 0 | 0 | 0 | 0.36 | |
| Min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 14 | 29 | 42 | 53 | 55 | 37 | 49 | 21 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 281 | |
| Max | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 83 | 155 | 254 | 365 | 354 | 304 | 271 | 181 | 122 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1783 | |

Daylight Data Recovery: 0% missing; 19% exceed the 15% QC threshold -- 49665 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: MV
Latitude: 33.50° N
Longitude: 90.33° W
Elevation: 52 Meters AMSL
Time Zone: -6

Instrument: PSP
Calibration Constant: 9.04 uV/Wm-2
Serial Number: 25818F3
Calibration Date: 9/13/96