

November 2003

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 | 0 | 18 | 131 | 273 | 404 | 566 | 627 | 612 | 471 | 308 | 188 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3658 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 135 | 307 | 458 | 577 | 628 | 609 | 513 | 385 | 209 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3896 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 142 | 312 | 463 | 576 | 625 | 605 | 529 | 394 | 217 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3943 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 73 | 211 | 294 | 564 | 602 | 388 | 314 | 363 | 210 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3057 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 99 | 282 | 419 | 452 | 585 | 513 | 247 | 274 | 209 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3143 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 55 | 94 | 210 | 216 | 262 | 289 | 212 | 148 | 55 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1564 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 39 | 107 | 84 | 87 | 106 | 77 | 73 | 42 ? | 33 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 682 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 58 | 194 | 404 | 449 | 523 | 541 | 466 | 339 | 181 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3202 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 30 | 62 | 114 | 154 | 262 | 571 | 477 | 345 | 167 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2222 |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 43 | 111 | 244 | 321 | 329 | 544 | 438 | 266 | 126 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2470 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 101 | 255 | 389 | 507 | 572 | 556 | 481 | 354 | 194 ? | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3464 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 38 | 215 | 370 | 511 | 580 | 406 | 338 | 186 | 79 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2752 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 81 | 288 | 427 | 488 | 446 | 373 | 501 | 331 | 164 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3143 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 66 | 220 | 359 | 195 | 477 | 384 | 348 | 323 | 149 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2567 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 104 | 279 | 401 | 517 | 401 | 513 | 321 | 261 | 139 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2976 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 ? | 36 ? | 37 ? | 69 ? | 73 | 79 | 90 ? | 78 | 46 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 524 ? |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 21 | 76 | 146 | 181 | 383 ? | 451 | 377 | 208 | 76 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1942 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 37 ? | 55 ? | 81 ? | 74 | 116 | 86 ? | 211 | 120 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 818 ? |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 84 | 272 | 435 | 547 | 599 | 579 | 495 | 367 | 189 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3617 |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 100 | 264 | 420 | 527 | 579 | 563 | 487 | 361 | 185 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3543 |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 90 | 260 | 413 | 502 | 471 | 443 | 471 | 343 | 178 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3226 |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 73 | 231 | 345 | 416 | 520 | 480 | 419 | 245 | 148 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2920 |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 54 | 271 | 360 | 334 | 394 | 337 | 213 | 145 | 71 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2210 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 85 | 259 | 421 | 527 | 577 | 567 | 487 | 357 | 184 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3512 |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 130 | 282 | 411 | 505 | 493 | 466 | 314 | 289 | 115 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3044 |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 7 ? | 72 | 131 | 143 | 103 | 92 | 81 | 90 | 41 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 785 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9 | 41 | 165 | 148 | 278 | 424 | 333 | 127 | 80 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1629 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 78 | 249 | 408 | 517 | 569 | 557 | 481 | 354 | 184 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3444 |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 74 | 239 | 401 | 509 | 564 | 554 | 479 | 350 | 181 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3395 |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 73 | 239 | 400 | 504 | 555 | 543 | 466 | 342 | 174 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3336 |
| Avg | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 70 | 201 | 320 | 390 | 442 | 441 | 367 | 273 | 143 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2689 |
| S D | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 39 | 92 | 134 | 177 | 178 | 163 | 145 | 102 | 57 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1000 |
| S/A | 0 | 0 | 0 | 0 | 0 | 0 | 0.76 | 0.57 | 0.46 | 0.42 | 0.45 | 0.4 | 0.37 | 0.39 | 0.37 | 0.4 | 0.35 | 5.48 | 0 | 0 | 0 | 0 | 0 | 0 | 0.37 |
| Min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 36 | 37 | 69 | 73 | 77 | 73 | 42 | 33 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 524 |
| Max | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 142 | 312 | 463 | 577 | 628 | 612 | 529 | 394 | 217 | 58 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3943 |
| n | 0 | 0 | 0 | 0 | 0 | 0 | 168 | 345 | 344 | 345 | 354 | 355 | 356 | 351 | 356 | 354 | 330 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 3662 |

Daylight Data Recovery: 0.0% missing; 2.1% exceed the 15% QC threshold -- 3742 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.

November 2003

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 | 0 | 0 | 0 | 0 | * |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 303 ? | 95 * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | * | 343 * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | * | 492 ? | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | ? | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | 295 ? | * | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | 958 * | * | * | * | * | * | * | ? | ? | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 389 * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 236 * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | 58 *? | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * |
| Avg | 0 | 0 | 0 | 0 | 0 | 0 | 309 | 310 | N/A | 508 | N/A | N/A | N/A | N/A | N/A | 295 | N/A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N/A * |
| SD | 0 | 0 | 0 | 0 | 0 | 0 | 76 | 201 | 0 | 637 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| S/A | 0 | 0 | 0 | 0 | 0 | 0 | 0.25 | 0.65 | 0 | 1.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Min | 0 | 0 | 0 | 0 | 0 | 0 | 236 | 95 | N/A | 58 | N/A | N/A | N/A | N/A | N/A | 295 | N/A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N/A |
| Max | 0 | 0 | 0 | 0 | 0 | 0 | 389 | 492 | N/A | 958 | N/A | N/A | N/A | N/A | N/A | 295 | N/A | 0 | 0 | 0 | 0 | 0 | 0 | 0 | N/A |
| n | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 6 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Daylight Data Recovery: 96.0% missing; 3.3% exceed the 15% QC threshold -- 3742 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.

November 2003

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 | 0 | 18 | 142 | 217 ? | 326 ? | ? | ? | 529 ? | 186 ? | 224 ? | 185 ? | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1893 ? |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 156 | 301 ? | ? | ? | ? | ? | ? | ? | 195 ? | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 740 ? |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 165 ? | ? | ? | ? | ? | ? | ? | ? | 183 ? | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 441 ? |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 59 | 205 | 294 | 480 ? | ? | 365 | 325 | 369 ? | 150 ? | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2288 ? |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 99 | 292 | 419 ? | 377 ? | 518 ? | 419 ? | 244 | 269 | 183 ? | 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2893 ? |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 53 | 91 | 205 | 211 | 256 | 282 | 208 | 144 | 53 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1527 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 38 | 105 | 82 | 84 | 103 | 68 | 72 | 38 | 32 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 654 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 57 | 198 | 360 ? | 436 | 492 ? | 458 ? | 309 ? | 255 ? | 138 ? | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2751 ? |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 29 | 61 | 110 | 150 | 261 | 446 ? | 436 ? | 296 ? | 166 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1995 ? |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 42 | 108 | 216 | 313 | 323 | 479 ? | 378 ? | 273 | 128 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2308 ? |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 107 | 271 | 384 ? | ? | ? | ? | ? | ? | 155 ? | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 974 ? |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 37 | 190 | 394 | ? | ? | 370 | 329 | 187 | 78 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1614 ? |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 81 | 167 ? | 386 ? | 379 ? | 379 ? | 335 | 434 ? | 288 ? | 161 ? | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2656 ? |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 65 | 145 ? | 307 ? | 191 | 419 ? | 404 | 347 | 325 ? | 144 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2394 ? |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 110 | 221 ? | 394 ? | 474 ? | 408 | 504 ? | 255 ? | 239 | 140 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2786 ? |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 ? | 21 | 29 | 63 | 73 | 77 | 85 | 73 | 46 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 483 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 21 | 76 | 141 | 175 | 374 | 400 ? | 328 ? | 215 | 74 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1824 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 10 | 29 | 44 | 67 | 69 | 106 | 84 | 192 | 120 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 749 |
| 19 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 92 | ? | ? | ? | ? | ? | ? | ? | 154 ? | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 301 ? |
| 20 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 115 | 209 ? | ? | ? | ? | ? | ? | ? | 150 ? | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 537 ? |
| 21 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 99 | 200 ? | ? | ? | 374 ? | 365 ? | 432 ? | ? | 161 ? | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1688 ? |
| 22 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 73 | 165 ? | 297 ? | 394 ? | 488 ? | 370 ? | 346 ? | 234 | 147 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2556 ? |
| 23 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 54 | 176 ? | 241 ? | 325 | 386 | 323 | 210 | 141 | 69 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1954 ? |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 91 | 192 ? | ? | ? | ? | ? | ? | ? | 145 ? | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 482 ? |
| 25 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 93 | 217 ? | ? | ? | 458 ? | 364 ? | 321 | 217 ? | 114 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1818 ? |
| 26 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 69 | 127 | 137 | 99 | 88 | 74 | 87 | 40 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 753 |
| 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 39 | 162 | 142 | 273 | 369 ? | 273 ? | 127 | 77 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1495 |
| 28 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 84 | 184 ? | ? | ? | ? | ? | ? | ? | 144 ? | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 463 ? |
| 29 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 81 | 184 ? | ? | ? | ? | ? | ? | ? | 141 ? | 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 454 ? |
| 30 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 78 | 182 ? | ? | ? | ? | ? | ? | ? | 148 ? | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 453 ? |
| Avg | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 72 | 161 | 246 | 259 | 320 | 339 | 270 | 210 | 127 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1464 ? |
| S D | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 43 | 77 | 127 | 146 | 149 | 140 | 118 | 87 | 47 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 871 |
| S/A | 0 | 0 | 0 | 0 | 0 | 0 | 0.81 | 0.6 | 0.47 | 0.52 | 0.56 | 0.47 | 0.41 | 0.44 | 0.41 | 0.37 | 0.42 | 5.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0.6 |
| Min | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 21 | 29 | 63 | 69 | 68 | 72 | 38 | 32 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 301 |
| Max | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 165 | 301 | 419 | 480 | 518 | 529 | 436 | 369 | 195 | 66 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2893 |
| n | 0 | 0 | 0 | 0 | 0 | 0 | 166 | 350 | 212 | 182 | 167 | 170 | 169 | 181 | 191 | 265 | 330 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2395 |

Daylight Data Recovery: 0.0% missing; 36.0% exceed the 15% QC threshold -- 3742 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.