

USDA UV-B Monitoring and Research Program

2006 data collection statistics

| site_code | records | days | site_code | records | days | site_code | records | days |
|-----------|---------|---------|-----------|---------|---------|-----------|---------|---------|
| AK02 | 99.70% | 99.71% | AK01 | 99.98% | 99.45% | CO21 | 98.12% | 99.73% |
| AZ02 | 93.09% | 93.29% | AZ01 | 92.97% | 92.78% | CO22 | 96.92% | 81.59% |
| CA02 | 99.99% | 99.99% | CA01 | 99.99% | 100.00% | CO23 | 98.15% | 99.31% |
| CA22 | 98.08% | 98.08% | CA21 | 99.98% | 100.00% | CO24 | 95.19% | 99.28% |
| CO02 | 97.60% | 98.31% | CO01 | 96.83% | 97.38% | | | |
| CO12 | 89.54% | 85.17% | CO11 | 86.50% | 91.73% | CO94 | 93.62% | 91.40% |
| CO42 | 98.58% | 98.53% | CO41 | 97.38% | 97.85% | CO95 | 99.31% | 96.84% |
| FL02 | 98.15% | 97.99% | FL01 | 98.19% | 98.03% | CO97 | 96.90% | 96.84% |
| GA02 | 99.35% | 99.35% | GA01 | 99.33% | 99.33% | CO99 | 98.71% | 91.47% |
| HI02 | 98.62% | 98.39% | HI01 | 98.04% | 96.44% | | | |
| IL02 | 96.63% | 99.93% | IL01 | 95.99% | 99.26% | FL99 | 9.97% | 100.00% |
| IN02 | 97.38% | 97.16% | IN01 | 99.97% | 100.00% | NY99 | 52.20% | 64.62% |
| LA02 | 98.72% | 98.21% | LA01 | 99.26% | 99.27% | | | |
| MD02 | 95.66% | 95.66% | MD01 | 94.50% | 95.58% | MD22 | 92.06% | 99.47% |
| MD12 | 97.90% | 97.90% | MD11 | 98.99% | 98.98% | GR02 | 96.31% | 93.21% |
| ME12 | 97.89% | 97.12% | ME11 | 98.54% | 95.91% | | | |
| MI02 | 97.80% | 97.80% | MI01 | 98.50% | 97.84% | HI03 | 89.72% | 97.12% |
| MN02 | 99.46% | 99.46% | MN01 | 99.43% | 99.45% | HI04 | 89.03% | 94.67% |
| MS02 | 99.99% | 100.00% | MS01 | 99.44% | 99.45% | HI05 | 96.15% | 96.29% |
| MT02 | 99.86% | 99.57% | MT01 | 99.87% | 99.91% | | | |
| NC02 | 98.78% | 99.84% | NC01 | 98.74% | 99.06% | MX01 | 31.29% | 72.12% |
| ND02 | 99.98% | 100.00% | ND01 | 99.21% | 98.78% | MX03 | 74.18% | 74.17% |
| NE02 | 98.33% | 98.29% | NE01 | 97.38% | 98.83% | MX04 | 64.59% | 64.59% |
| NM02 | 99.34% | 99.35% | NM01 | 99.34% | 99.35% | MX05 | 67.22% | 65.98% |
| NY02 | 98.86% | 98.62% | NY01 | 98.62% | 98.62% | | | |
| NZ02 | 99.66% | 99.43% | NZ01 | 99.62% | 99.39% | TX31 | 95.40% | 91.24% |
| OK02 | 97.57% | 98.62% | OK01 | 97.32% | 98.91% | TX51 | 95.17% | 96.72% |
| ON02 | 99.71% | 99.72% | ON01 | 99.63% | 99.72% | | | |
| SK02 | 98.37% | 98.37% | SK01 | 99.04% | 98.70% | | | |
| TX02 | 99.43% | 99.43% | TX01 | 99.97% | 99.98% | | | |
| TX22 | 99.70% | 99.98% | TX21 | 99.95% | 99.96% | | | |
| TX42 | 99.63% | 99.25% | TX41 | 99.43% | 99.48% | | | |
| UT02 | 99.20% | 99.02% | UT01 | 99.51% | 99.52% | | | |
| VT02 | 98.85% | 98.34% | VT01 | 98.62% | 98.23% | | | |
| WA02 | 99.14% | 98.62% | WA01 | 99.60% | 99.47% | | | |
| WI02 | 99.96% | 99.72% | WI01 | 99.91% | 99.93% | | | |

| UV and vis | research | research |
|------------|----------|----------|
| max | 99.31% | 100.00% |
| median | 95.19% | 94.67% |
| mean | 86.59% | 88.89% |
| sd | 18.28% | 12.66% |
| min | 31.29% | 64.59% |

| UVRSR | climatologic | climatologic |
|--------|--------------|--------------|
| max | 99.99% | 100.00% |
| median | 98.82% | 98.62% |
| mean | 98.35% | 98.28% |
| sd | 2.05% | 2.62% |
| min | 89.54% | 85.17% |

| MFRSR | climatologic | climatologic |
|--------|--------------|--------------|
| max | 99.99% | 100.00% |
| median | 99.23% | 99.27% |
| mean | 98.32% | 98.52% |
| sd | 2.56% | 1.90% |
| min | 86.50% | 91.73% |

| all instruments | all sites | all sites |
|-----------------|-----------|-----------|
| max | 99.99% | 100.00% |
| median | 98.62% | 98.66% |
| mean | 95.68% | 96.21% |
| sd | 10.06% | 7.44% |
| min | 31.29% | 64.59% |

records = the count of the number of records in the database compared to the maximum possible if there were no interruptions

days = the number of days the site was actually in service (uptime) compared to the full year or appropriate partial year