

Comparison of statistics for the noontime UVI (data product (2)), calculated either from data of all available years or years 2001 - 2010 only

Table 4a: Statistics for non-Scandinavian sites. For Ny-Ålesund, statistics are based on subsampled data sets at 15 minute intervals.

| Parameter ^a | Alert | Eureka | Ny-Ålesund | Resolute | Summit | Barrow |
|--|-----------|-----------|------------|-----------|-----------|-----------|
| Noontime UVI (data product (2)), climatology based on all years, same values as in ACPD manuscript | | | | | | |
| Range of years | 1995-2010 | 2001-2010 | 1995-2010 | 1991-2010 | 2004-2010 | 1991-2010 |
| DOY max anomaly | 71 | 68 | 90 | 79 | 67 | 71 |
| UVI that day | 0.12 | 0.16 | 0.71 | 0.77 | 0.64 | 0.67 |
| Climatol. UVI | 0.08 | 0.09 | 0.42 | 0.49 | 0.42 | 0.50 |
| UVI anomaly [%] | 52 | 77 | 67 | 58 | 50 | 34 |
| "Days too early" | 5 | 7 | 12 | 10 | 7 | 6 |
| Noontime UVI (data product (2)), climatology based on years 2001 - 2010 (when available) | | | | | | |
| Range of years | 2001-2010 | 2001-2010 | 2001-2010 | 2001-2010 | 2004-2010 | 2001-2010 |
| DOY max anomaly | 71 | 68 | 87 | 72 | 67 | 67 |
| UVI that day | 0.12 | 0.16 | 0.62 | 0.55 | 0.64 | 0.58 |
| Climatol. UVI | 0.08 | 0.09 | 0.35 | 0.32 | 0.42 | 0.42 |
| UVI anomaly [%] | 52 | 77 | 74 | 72 | 50 | 37 |
| "Days too early" | 5 | 7 | 14 | 10 | 7 | 7 |

^a See text for explanation of parameters.

Table 5a: Statistics for Scandinavian sites. For the Norwegian sites, statistics are based on subsampled data sets at 15 minute intervals.

| Parameter ^a | Andøya | Sodankylä | Trondheim | Finse | Jokioinen | Østerås | Blindern |
|--|-----------|-----------|------------|-----------|-----------|------------|------------|
| Noontime UVI (data product (2)), climatology based on all years, same values as in ACPD manuscript | | | | | | | |
| Range of years | 2000-2010 | 1990-2010 | 1996-2010 | 2003-2010 | 1995-2010 | 1999-2010 | 1995-2010 |
| DOY max anomaly | 88 | 89 | 89 | 89 | 90 | 89 | 89 |
| UVI that day | 1.64 | 2.10 | 2.56 | 4.66 | 3.50 | 3.14 | 3.05 |
| Climatol. UVI | 0.70 | 1.04 | 1.11 | 2.47 | 1.56 | 1.21 | 1.26 |
| UVI anomaly [%] | 135 | 103 | 130 | 89 | 124 | 160 | 142 |
| "Days too early" | 29 | 29 | 40 | 29 | 62 | 38 | 40 |
| Noontime UVI (data product (2)), climatology based on years 2001 - 2010 (when available) | | | | | | | |
| Range of years | 2001-2010 | 2001-2010 | 2001-2010 | 2003-2010 | 2001-2010 | 2001-2010 | 2001-2010 |
| DOY max anomaly | 88 | 89 | 89 | 89 | 90 | 89 | 89 |
| UVI that day | 1.64 | 2.10 | 2.56 | 4.66 | 3.50 | 3.14 | 3.05 |
| Climatol. UVI | 0.69 | 1.01 | 1.20 | 2.47 | 1.62 | 1.27 | 1.15 |
| UVI anomaly [%] | 136 | 109 | 113 | 89 | 115 | 148 | 166 |
| "Days too early" | 29 | 23 | 40 | 29 | 42 | 40 | 40 |