

## Contents of zip file

This zip file contains:

- The pdf file “**Validation\_statistics\_overpass.pdf**”, which includes a table with validation statistics for overpass erythemal dose rate. This table is similar to Table 2 of the paper but provides statistics for overpass erythemal dose rate (DP (1)) instead of daily erythemal dose (DP (4)).
- Six zip files containing plots similar to that shown in Appendix A / Figure 14 of the paper. The contents of the 6 files are indicated by their filename, specifically:

**OPEDRate\_SZA\_less\_than\_84\_Dis\_less\_than\_12.zip**

Data product (1): Overpass Erythemal Dose Rate, filtered for  $SZA < 84^\circ$  and  $Dis < 12$  km

**EDRate\_SZA\_less\_than\_84\_Dis\_less\_than\_12.zip**

Data product (2): Erythemal Daily Dose Rate, filtered for  $SZA < 84^\circ$  and  $Dis < 12$  km

**CSEDRate\_SZA\_less\_than\_84\_Dis\_less\_than\_12.zip**

Data product (3): Clear Sky Erythemal Daily Dose Rate, filtered for  $SZA < 84^\circ$  and  $Dis < 12$  km

**EDDose.zip**

Data product (4): Erythemal Daily Dose

**EDDose\_SZA\_less\_than\_84\_Dis\_less\_than\_12.zip**

Data product (4): Erythemal Daily Dose, filtered for  $SZA < 84^\circ$  and  $Dis < 12$  km

**CSEDDose\_SZA\_less\_than\_84\_Dis\_less\_than\_12.zip:**

Data product (5): Clear Sky Erythemal Daily Dose, filtered for  $SZA < 84^\circ$  and  $Dis < 12$  km

See also Table 1 of the paper for explanation of data product names and acronyms.

In each zip file, sites are identified by a 3 letter code:

ALT: Alert  
AND: Andøya  
BAR: Barrow  
BLI: Blindern  
EUR: Eureka  
FIN: Finse  
JOK: Jokioinen  
NYA: Ny-Ålesund  
OST: Østerås  
RES: Resolute  
SOD: Sodankylä  
SUM: Summit  
TRH: Trondheim