Fig. S1: Snow depth data at AWS_MWK for the period of record. The red values represent an outlier filtered data set. No attempts were made to extract a meaningful signal after June 2022 due to the deterioration of the data quality.
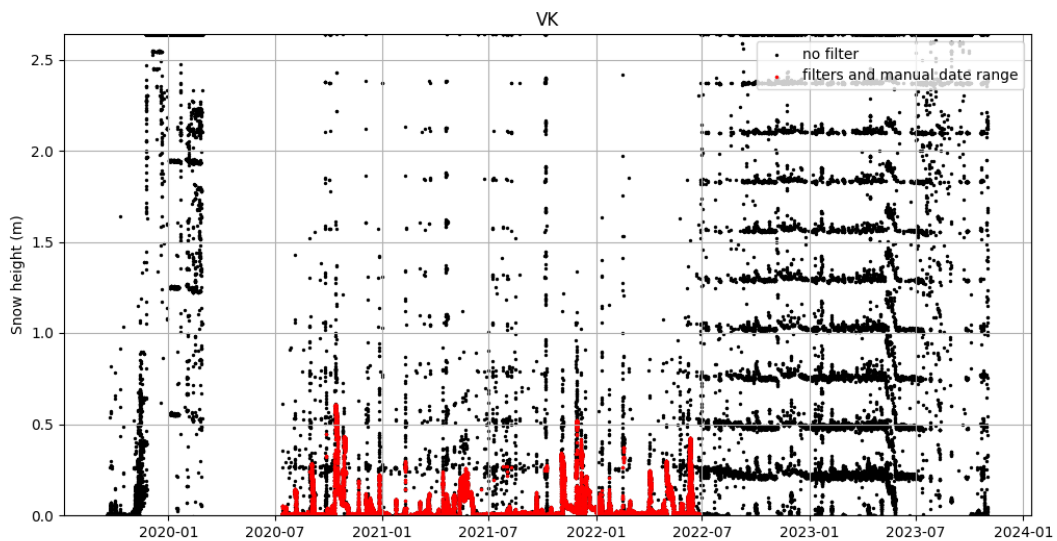

Fig. S2: Snow depth data at AWS_VK for the period of record. The red values represent an outlier filtered data set. No attempts were made to extract a meaningful signal after July 2022 due to the deterioration of the data quality.
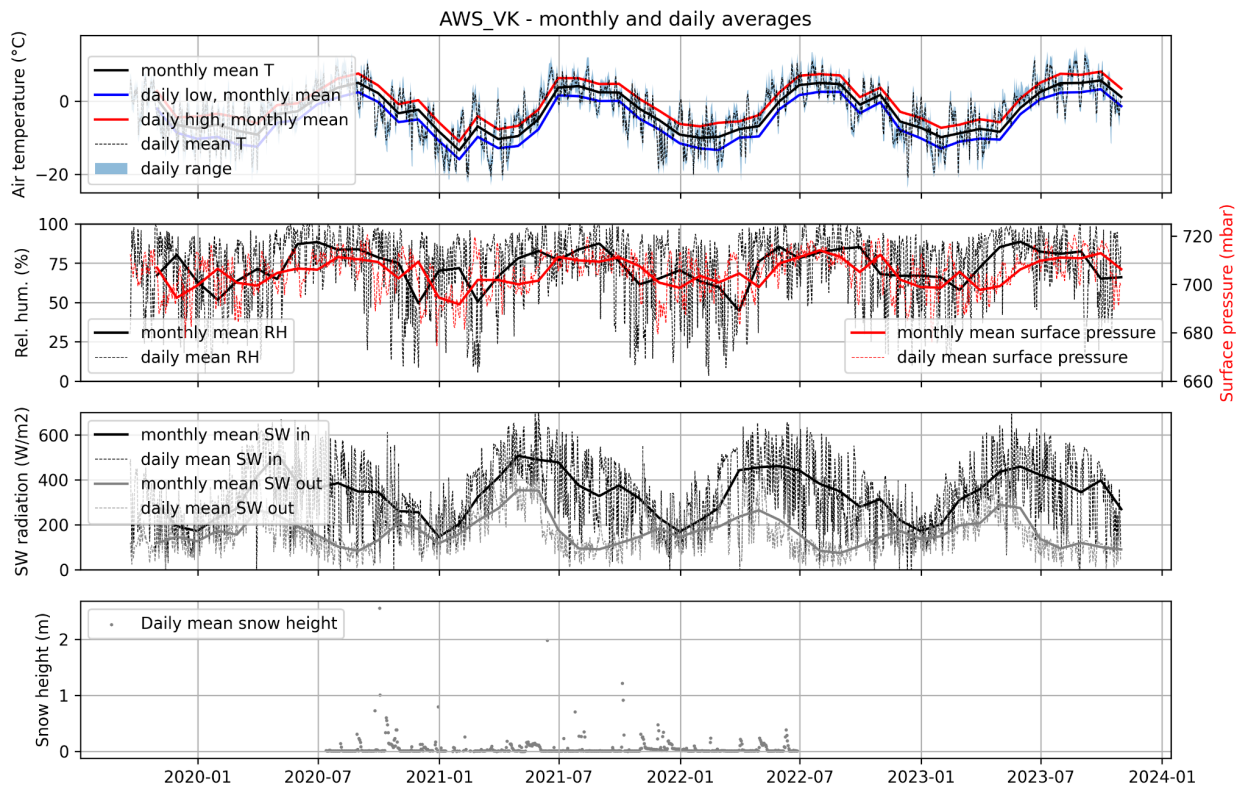
Fig. S3: Daily and monthly averages for air temperature, relative humidity, surface air pressure, shortwave incoming and outgoing radiation and snow depth at AWS_VK.
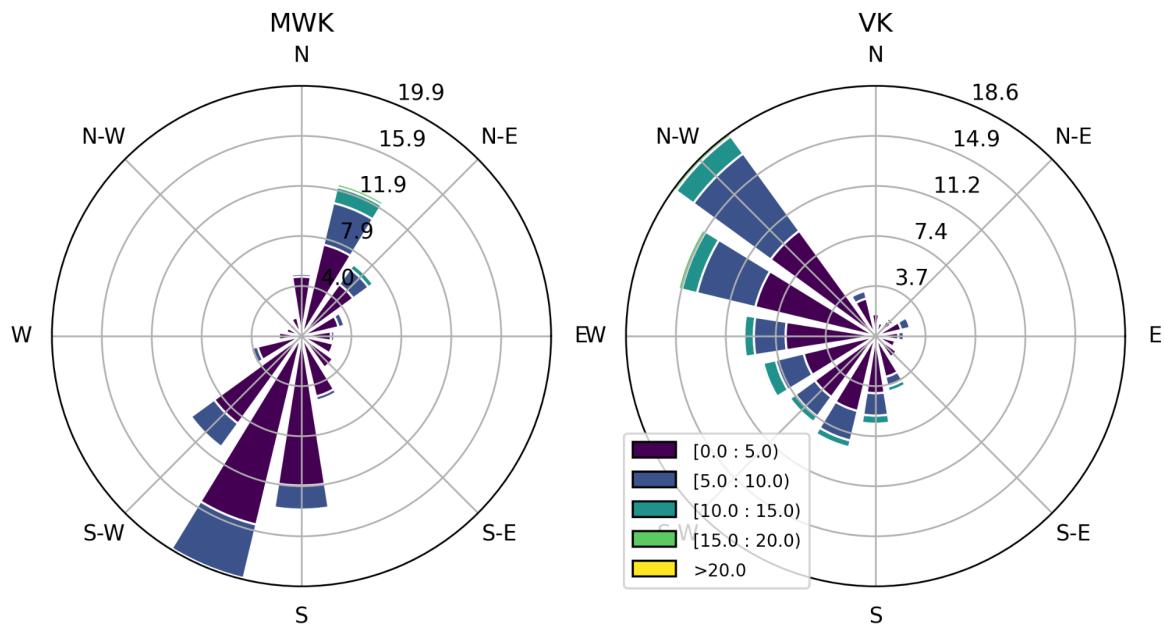
Fig. S4: Wind roses for AWS_MWK and AWS_VK. Colors: Wind speed (m/s). Radial axis: percentage of measurements.