



Supplement of

Glaciological and meteorological monitoring at Long Term Ecological Research (LTER) sites Mullwitzkees and Venedigerkees, Austria, 2006–2022

Lea Hartl et al.

Correspondence to: Lea Hartl (lea.hartl@oeaw.ac.at)

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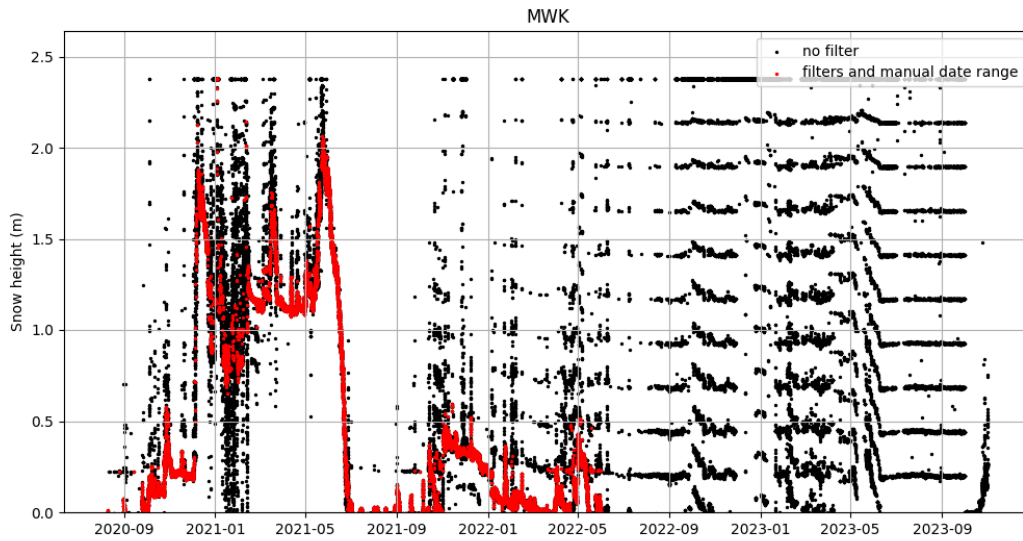


Fig. S1: Snow depth data at AWS_MWK for the period of record. The red values represent an outlier filtered data set. No attempts were made to extract a meaningful signal after June 2022 due to the deterioration of the data quality.

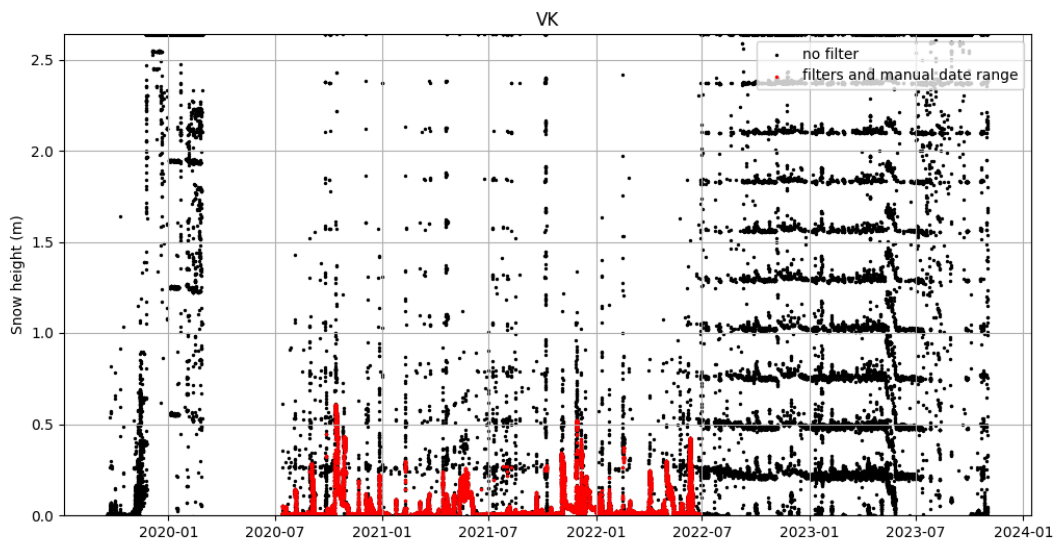


Fig. S2: Snow depth data at AWS_VK for the period of record. The red values represent an outlier filtered data set. No attempts were made to extract a meaningful signal after July 2022 due to the deterioration of the data quality.

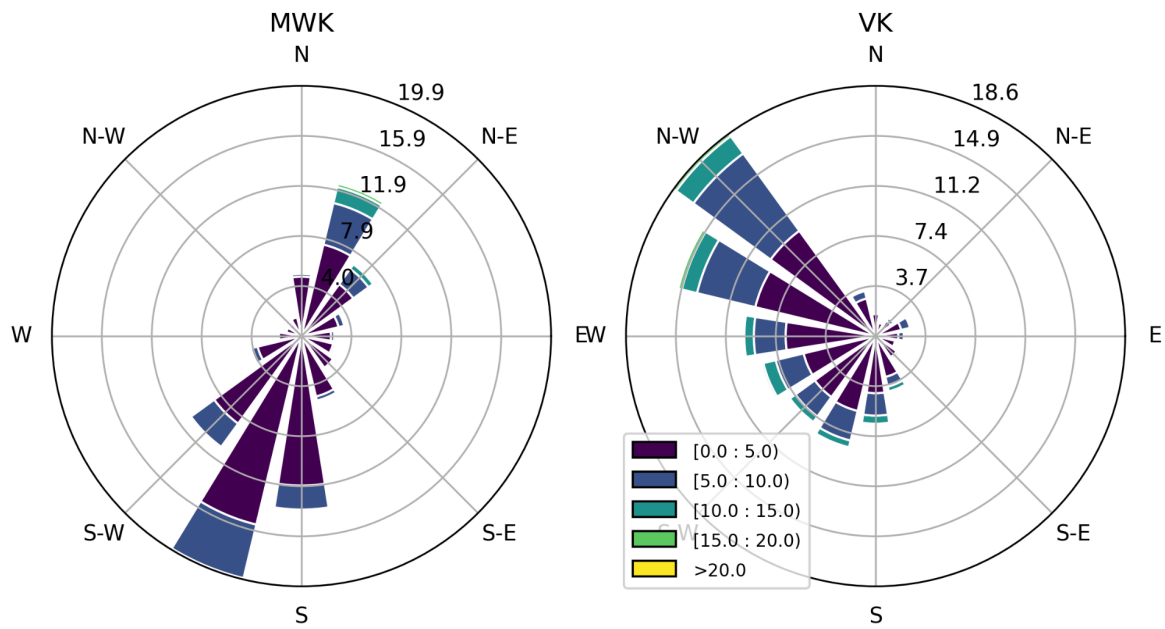


Fig. S3: Wind roses for AWS_MWK and AWS_VK. Colors: Wind speed (m/s). Radial axis: percentage of measurements.

Table S1: Mean monthly temperatures at AWS_VK and AWS_MVK (°C).

	2019	2020	2021	2022	2023	2020	2021	2022	2023
Month	VK					MWK			
1	/	-6.4	-13.5	-10.0	-9.9	/	-13.5	-9.2	-9.6
2	/	-8.1	-6.9	-9.8	-8.8	/	-7.0	-9.4	-8.3
3	/	-9.2	-10.4	-7.7	-7.6	/	-9.8	-7.4	-7.4
4	/	-3.5	-9.6	-6.8	-8.4	/	-8.9	-6.1	-7.9
5	/	-2.8	-4.9	-0.1	-1.9	/	-4.5	0.7	-1.2
6	/	0.9	3.7	4.4	2.5	/	4.1	5.1	3.3
7	/	3.7	4.1	5.0	4.9	/	4.4	5.8	5.4
8	/	5.0	2.4	4.6	5.0	5.4	3.0	5.3	5.6
9	/	2.2	2.3	-1.0	5.7	2.5	3.0	-0.4	5.8
10	0.6	-3.3	-2.1	1.7	1.1	-3.2	-1.8	1.7	1.2
11	-6.5	-2.4	-5.2	-5.6	/	-2.2	-5.2	-5.4	/
12	-7.5	-8.3	-9.2	-7.3	/	-8.9	-8.3	-7.5	/