Supplements

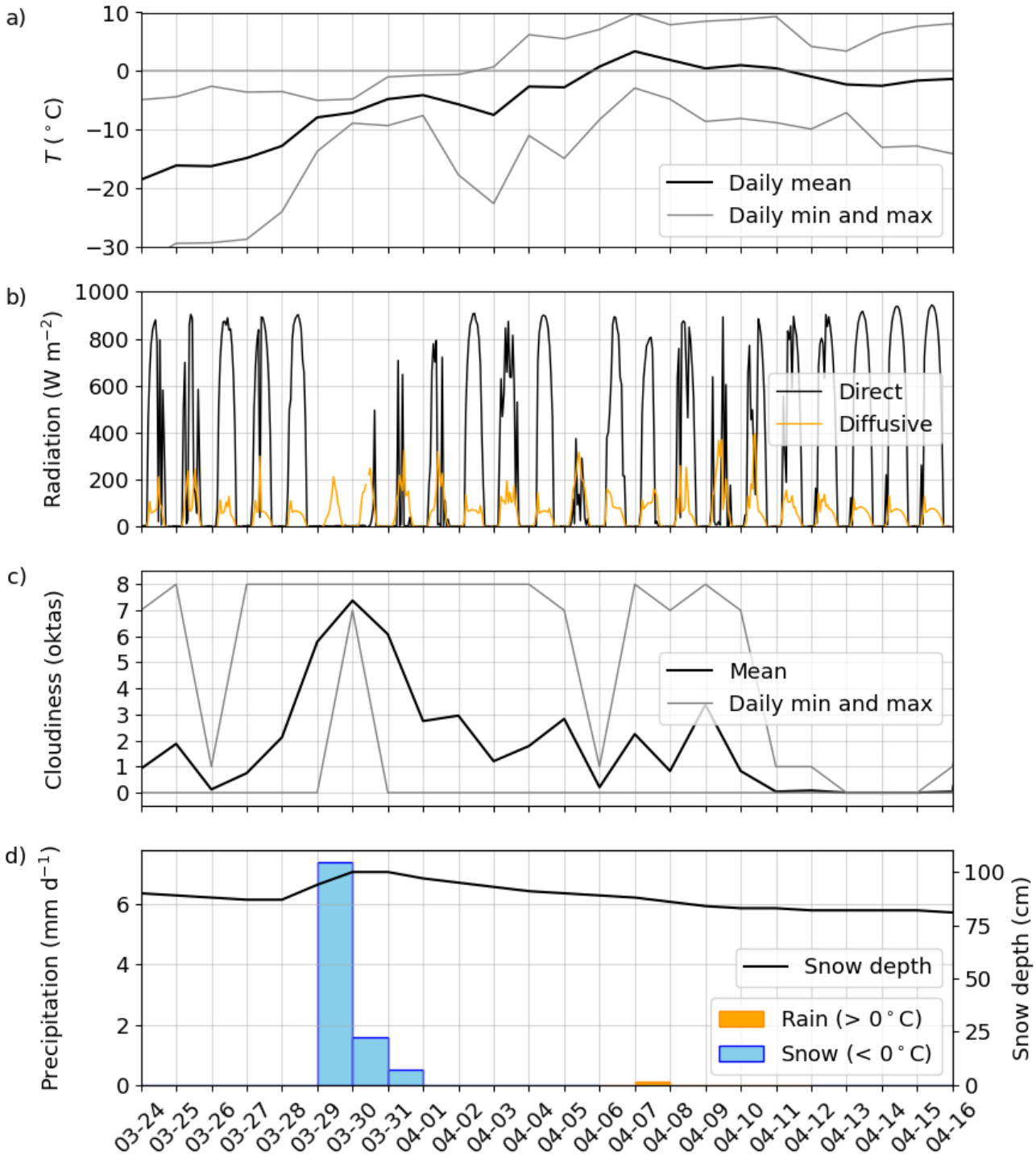


Figure S1. Weather condition in Sodankylä, Tähtelä.

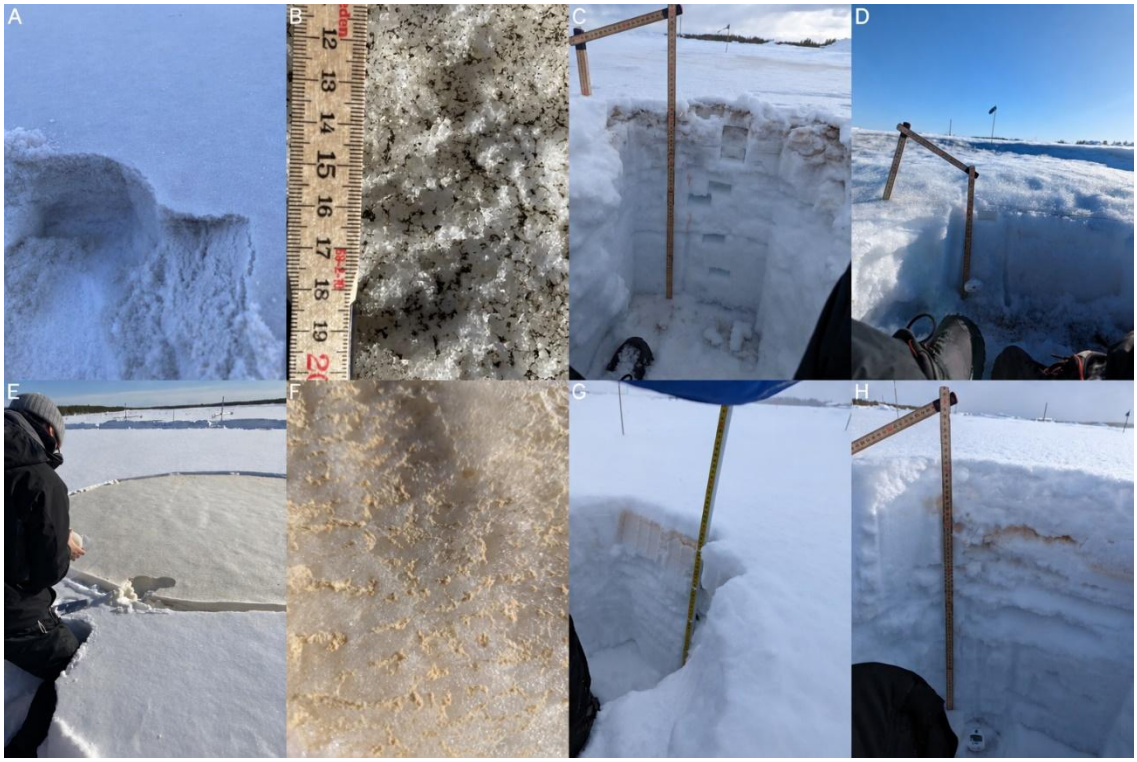


Figure S2. Birch-contaminated snowpit (A-D) and peat-contaminated snowpit (E-H). The birch-contaminated snow A) right after deposition B) visual BC agglomerates and snow grain 3 days after deposition C) snowpit profile after a week of deposition D) snowpit profile after 3 weeks of deposition. The peat-contaminated snow E) straight after deposition F) peat-combustion derived particle agglomerates 3 days after deposition G) snowpit profile after a week of deposition and H) snowpit profile after 2 weeks of deposition.

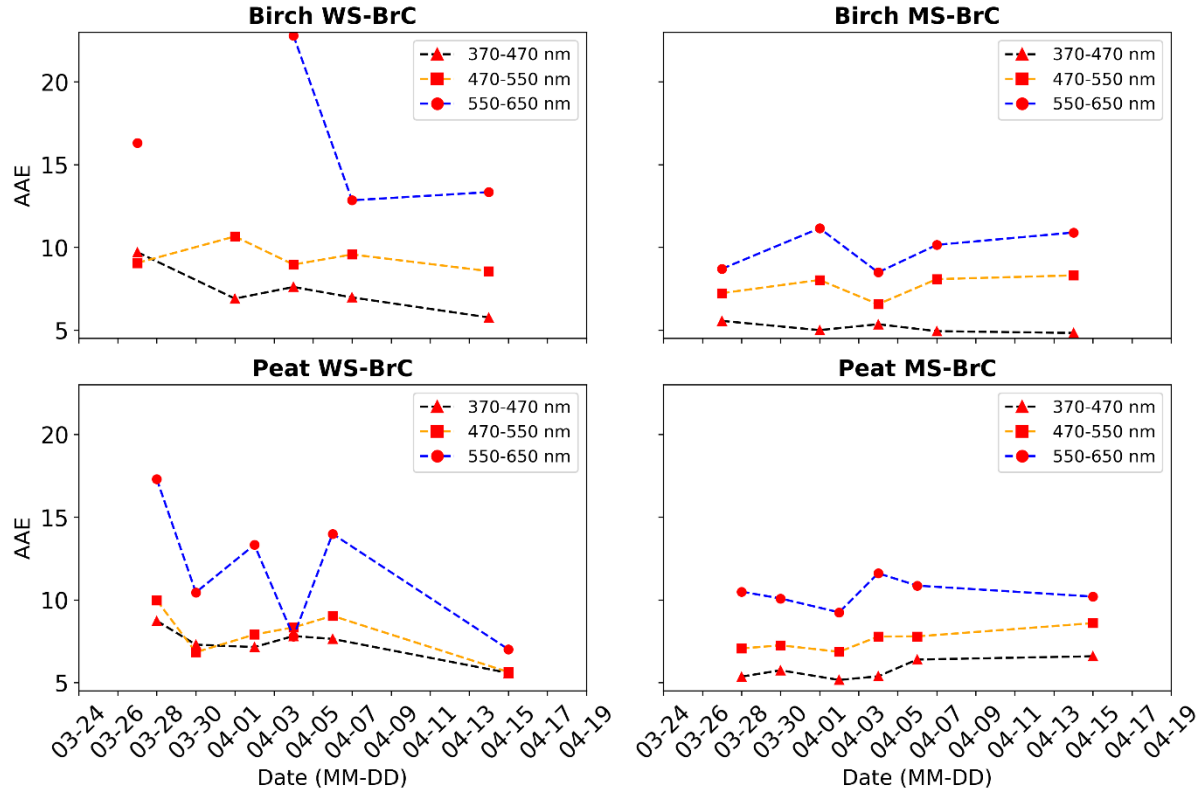


Figure S3. Surface AAE calculated using different wavelength pairs.