

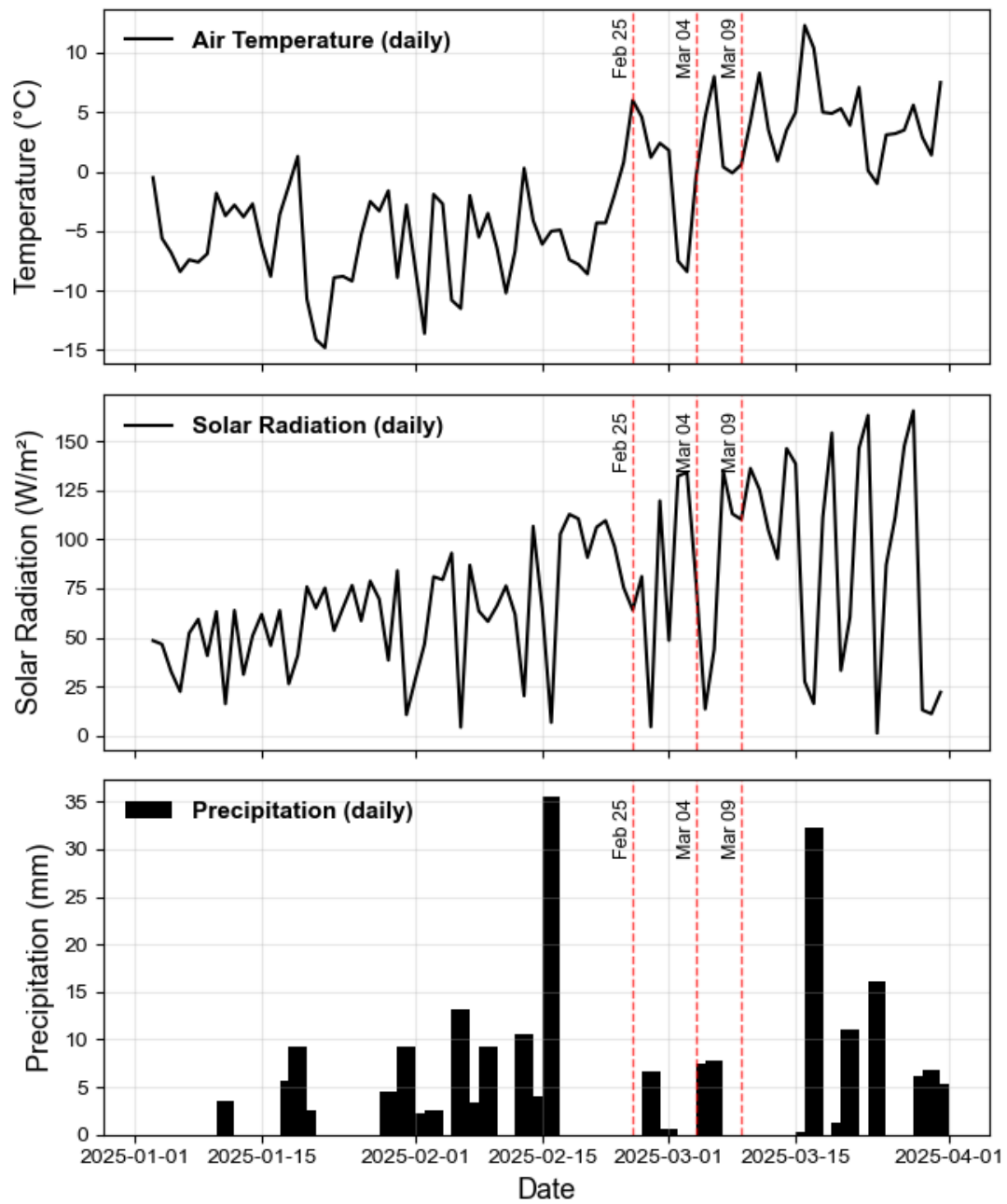


Figure S1: Meteorological and winter conditions at Kingman Farm during the observation period (January – March 2025). Vertical lines indicate the dates of the three UAS-GPR surveys.

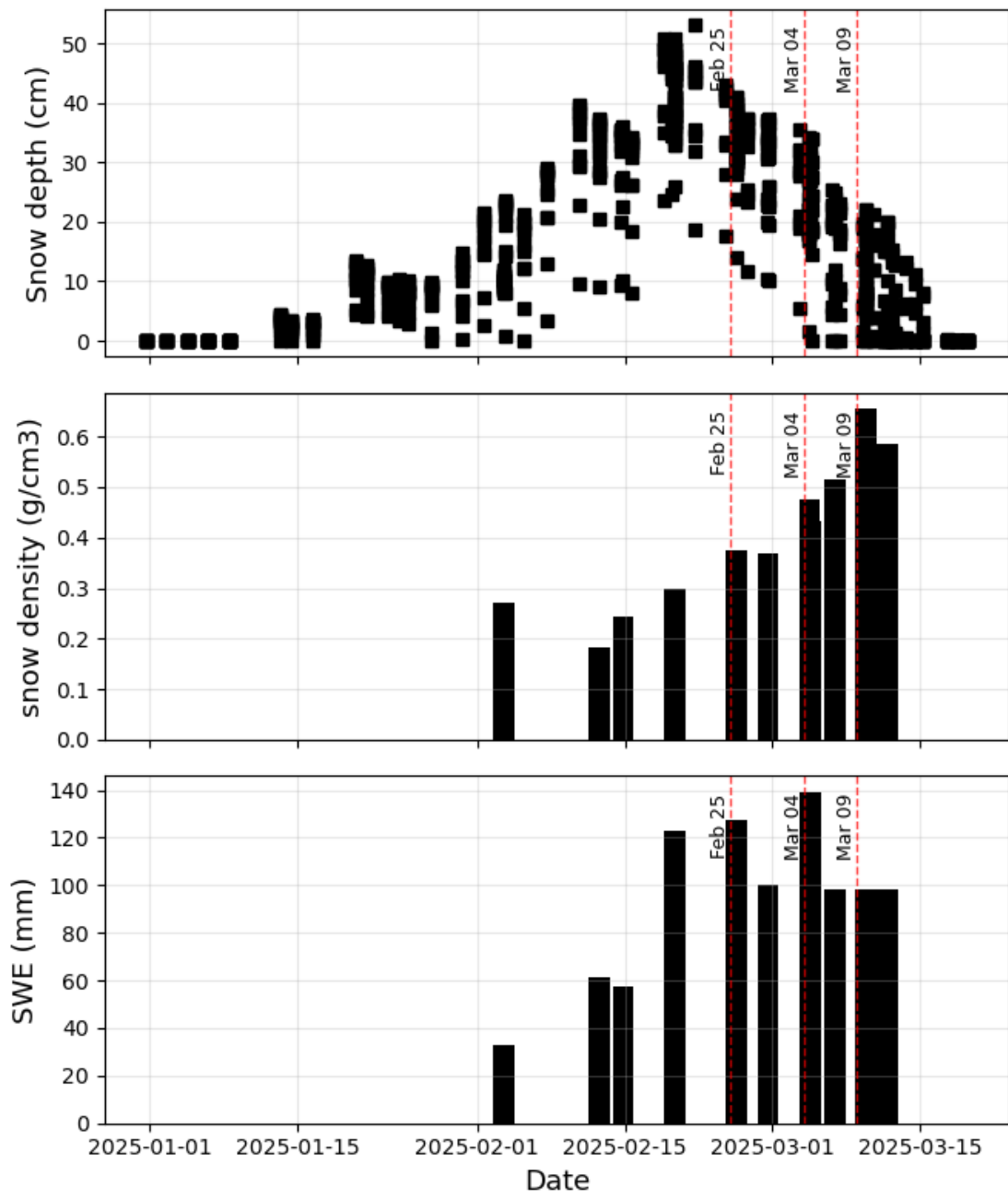


Figure S1: Continued.

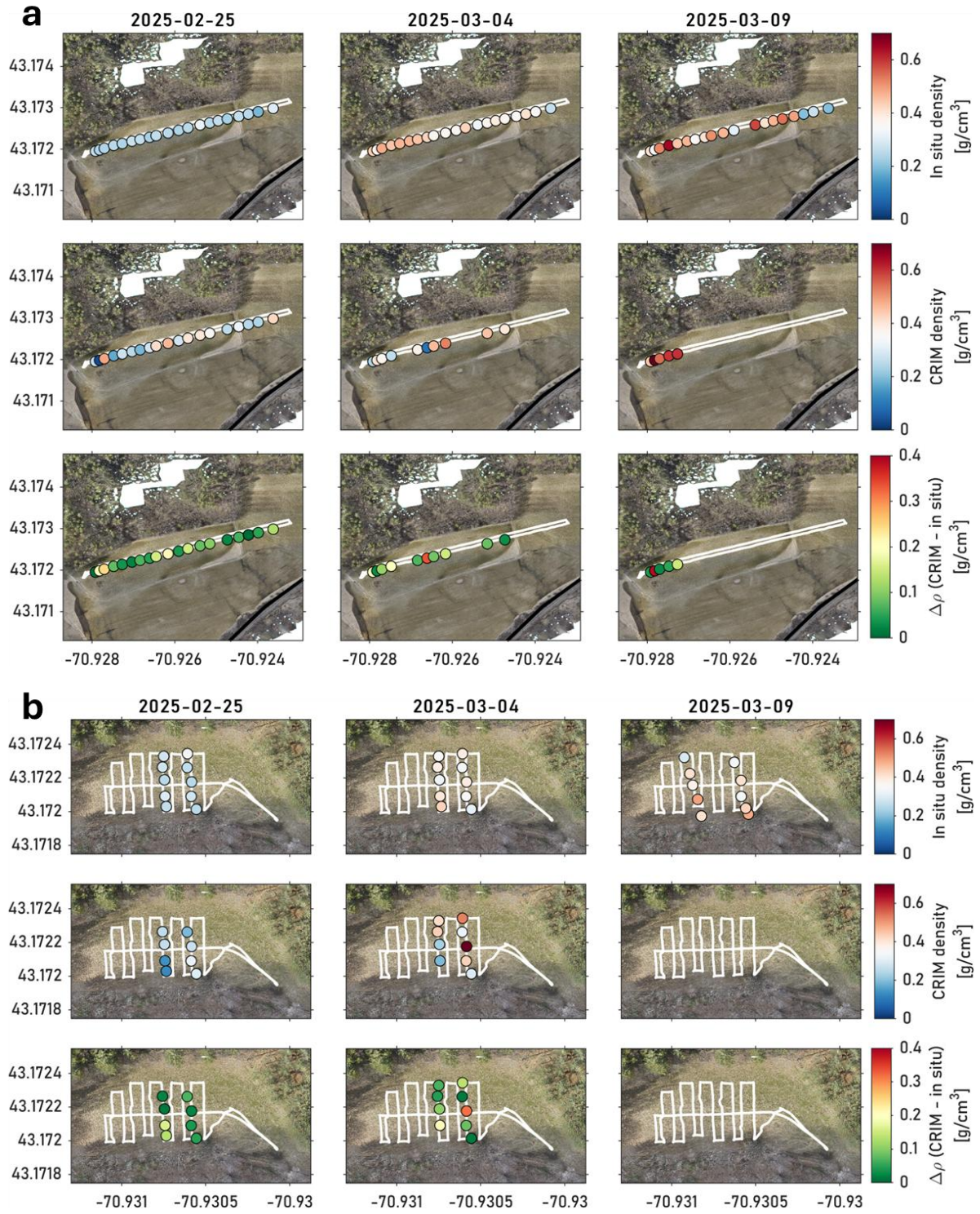


Figure S2: Spatial distribution of the difference between CRIM-derived snow density and in situ measured density along the transects at the open (a) and sheltered forest (b) on three survey dates. Point colors represent the density difference. Points are shown only where both GPR-derived permittivity and in situ measurements were available.