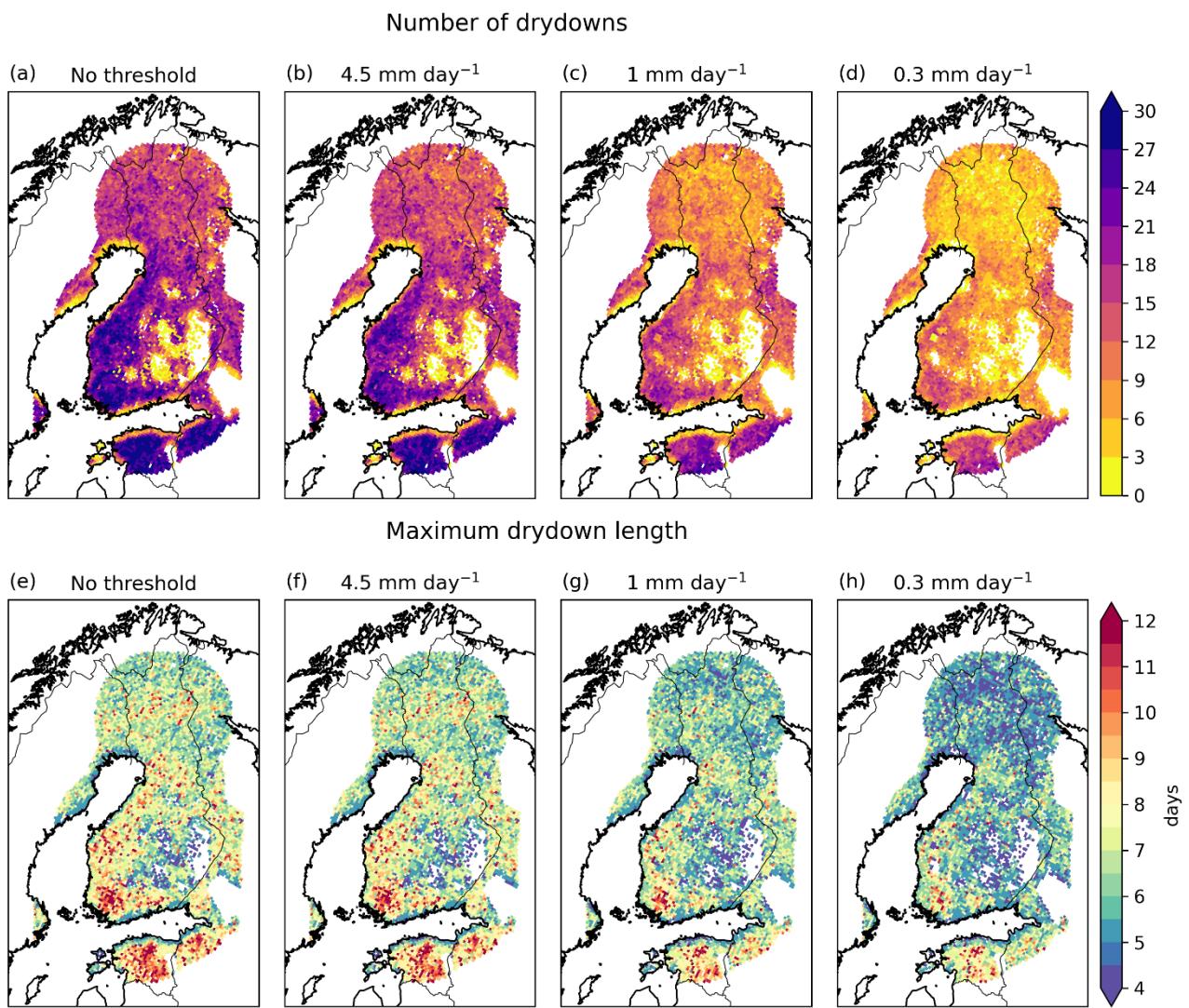


**Figure S1.** Timeseries of SM and radar-based P measurements in Saariselkä, Kenttärova, and Värriö.



**Figure S2.** The number of drydowns and the maximum drydown length using different P thresholds when identifying drydowns.