Supplement to: Vulnerable top-of-permafrost ground ice indicated by remotely sensed late-season subsidence

Table S1: Cores from 2015

Name	Lat/lon [°]	Ice rich	Description
05-1/2	67.786/-164.474	1	2 cores: massive ice; silt with up to 40% visible ice
05-3	67.811/-164.563	1	silt with 40% visible ice
05-4	67.816/-164.598	1	massive ice
05-5	67.821/-164.592	1	massive ice and ice-rich silt (30% visible ice)
05-6	67.823/-164.609	1	ice inclusions in peat and massive ice
05-7	67.845/-164.735	0	gravel with 5% visible ice
05-8	67.849/-164.726	1	silt with 30 to 40% visible ice
05-9	67.847/-164.731	1	silt and gravel: 50% visible ice
05-10	67.843/-164.740	1	silt 30% visible ice (lenses up to 5 mm thick)
05-11	67.845/-164.725	1	ice with soil inclusions: 50 to 60% visible ice
05-12	67.847/-164.721	1	gravelly silt with 40 to 50% visible ice
05-13	67.851/-164.732	1	silt with 40% visible ice
05-14	67.849/-164.737	1	ice with silt inclusions: 50 to 60% visible ice

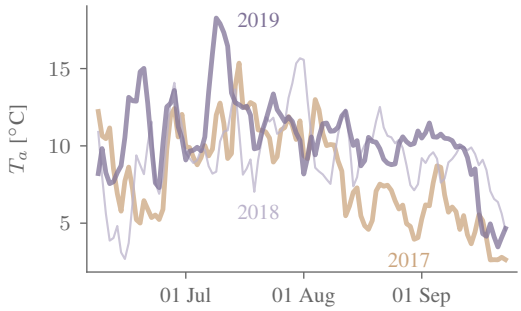

Figure S1: Air temperature T_a time series for Kivalina from the MERRA-2 reanalysis.