Table S1: Summarized statistics of snow depths for the magnaprobe and snow tube techniques by the individual points and the grid cell averaged values for each of the sampling campaign dates. All units are cm except slope and R, which are dimensionless.

Date	Magnaprobe Mean (Std)	Snow tube Mean (Std)	Bias	N	Intercept	Slope	R	MAE	RMSD
All Measurements									
18 December	15.5 (3.1)	13.2 (2.9)	2.3	351	-1.19	0.92	0.79	2.4	3.0
4 February	15.2 (2.8)	13.9 (2.7)	1.4	351	-0.73	0.96	0.77	1.6	2.3
24 February	13.6 (3.8)	12.2 (3.4)	1.4	234	0.17	0.89	0.66	2.2	3.3
All Dates	14.9 (3.3)	13.2 (3.0)	1.7	936	-0.05	0.92	0.74	2.0	2.9
Grid Cell Averages									
18 December	15.5 (2.6)	13.3 (2.5)	2.3	39	-1.83	0.97	0.92	2.3	2.5
4 February	15.2 (2.3)	13.8 (2.3)	1.4	39	-1.4	1.0	0.87	1.4	1.8
24 February	13.6 (3.0)	12.2 (2.7)	1.4	26	-0.03	0.91	0.81	1.7	2.3
All Dates	14.9 (2.7)	13.2 (2.5)	1.7	104	-0.99	0.95	0.87	1.8	2.2