UAV snow depth (cm)

In situ snow depth (cm)

Gatineau north T1
RMSD=10.56 cm BIAS=-10.05 cm

Gatineau south T1
RMSD=7.39 cm BIAS=-6.23 cm

Gatineau south T2+T3
RMSD=7.75 cm BIAS=1.13 cm

Acadia A
RMSD=2.66 cm BIAS=-0.81 cm

Acadia B
RMSD=1.58 cm BIAS=0.83 cm

Acadia C
RMSD=5.52 cm BIAS=5.50 cm

1:1 line

UAV snow depth change (cm)

In situ snow depth change (cm)

Gatineau North T1
RMSD=5.12 cm, BIAS=-0.23 cm

Gatineau south T1
RMSD=3.61 cm BIAS=0.47 cm

Gatineau south T2+T3
RMSD=3.58 cm BIAS=-0.80 cm

Acadia A
RMSD=3.38 cm BIAS=-0.19 cm

Acadia B
RMSD=2.54 cm BIAS=0.27 cm

Acadia C
RMSD=8.68 cm BIAS=0.35 cm

1:1 line