

SWAG upgrade course

Classroom session:

Introduction to the SWAG

Why we keep records

Standard field weather observations and recording format

Standard field stability observations and recording format

Avalanche observations

Stability rose observations

Test pits, informal stability tests & pertinent negatives

Standard recording of full snow profile, including stability tests

Notebook (shorthand) format

Graphic format

Intro to computer graphing programs (* if time permits)

Field session:

Demonstration & documentation of field weather observations

Demonstration & documentation of field stability & avalanche observations (as available)

Demonstration & documentation of stability tests

Compression test

Stufblock test

Rutschblock test

Extended Column Test

Propagation Saw Test

Demonstration & documentation of full snow profile

Snow observation site:

Record weather & snow observations at study plot site

HS, HST, HN24,

HN24W, HSTW, new snow density

T_{max} , T_{min} , $T_{current}$, T_{10}

Wind speed & direction

Barometric pressure

Pressure trend

Return to classroom:

30 minutes for students to draft a full snow profile.

Review day's documentation.

Student debrief and direction towards additional education and practice.