



AAA Avalanche Professional Training  
2010

1900 Avalanche Classification Review  
Adjourn  
Homework: Review Avalanche Character Checklist and Calculation of density and SWE

**Day 3      *Terrain Evaluation, Avalanche Observations, Group Management and Snow Dynamics***

0730 Daily weather and avalanche briefing  
Terrain analysis - Information communication: being succinct and accurate

Grain Quiz/Metamorphism overview  
Surface Hoar  
Wet Snow

*Field Session*

*Study Profile – Demo/Practice - perform in teams of 2  
Return to classroom*

Decision traps and avoidance  
Learning to make better decisions (novice to expert)

Plotting profiles on the computer

**1800      *Done***

**Day 4      *Study Plot procedures***

0730 Daily weather and avalanche briefing

Maintaining and accessing historical data

*Field Session*

Study plot procedures

- snow board measurement and documentation
- anemometer problems and troubleshooting

water equivalent of new snow and precip can maintenance

Tour involving more test + pit analysis/Beacon work

1630 Temperature effects on skier triggering: Case study: ID.960210

1800 Adjourn

**Day 5      *DAY OFF***

*Practice field skills, explore area, get some sleep, formulate questions*

**Day 6**

**0730      *Daily weather briefing***

**0800      Forecasting Challenges of a Forecast Center**

In the Public eye

Interarea rescue

1100 *Field Session: On slope tour of control routes, then B/C tour*

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*emphasizing targeted sampling for a multi-elevation, multi-aspect forecast*

- 1615 *Return to classroom*  
1630 False stable conditions  
1700 *Break*  
1715 Deep slab prediction and control  
1800 - Adjourn  
Homework: Review stability worksheets  
Optional: hand in fieldbooks for preliminary feedback  
Homework:

**Day 7** ***Snowpack dynamics and avalanche mechanics***

- 0740 Daily weather and avalanche briefing  
Fracture mechanics and skier triggering  
Spatial Variability and the limitations of formal stability tests  
Slab thickness and propagation  
*Field Session*  
Exam: snowpit technique and documentation  
Exam: Multiple beacons  
Return to Classroom  
**1500**  
1515 Weather forecasting primer  
**1700** Stability vs. Time – Trends and Patterns in Avalanche Forecasting  
**1800** Adjourn  
*Homework: Stability worksheet completion*

**Day 8** ***Terrain and field exams***

- 0730 Daily weather and avalanche briefing  
Sintering following fracture  
0900 *Leave for field*  
Tour – route-finding, terrain analysis, group management  
*Return to Classroom*  
1730 Open Q & A session  
1800 Hand in fieldbooks for early evaluation  
Adjourn

**Day 9** ***Field proficiency and final exam***

- 0730 Daily weather and avalanche briefing at roadhead  
Tour emphasis TBD by participant interest  
*Return to Classroom*  
Final Exam/Fieldbook evaluation  
Exam review  
Wrap-up, evaluations  
1700 Done