

WEST-WIDE SNOW SURVEY TRAINING SCHOOL

JANUARY 9 – 14, 2011

Lake Shore Lodge, McCall, Idaho

Sunday, January 9

4:00 p.m. - 6:00 p.m.	Room Registration – Main Registration Desk	
6:00 p.m. - 7:30 p.m.	DINNER	
7:30 p.m. - 8:15 p.m.	Opening Session/Staff Introduction	Schaefer
	Welcome and Comments	Jeff Burwell
	Objectives/Questions/Concerns	Schaefer

MONDAY, January 10

CHAIR – Tony Tolsdorf

7:00 a.m. - 7:45 a.m.	BREAKFAST	
8:00 a.m.	Introductions & Announcements	Tolsdorf
8:00 a.m. - 8:15 a.m.	History of Snow Surveys	Lea
8:15 a.m. - 9:15 a.m.	Outfitting for the Field -Body Heat & Clothing Selection -Equipment & Supplies -Physical Conditioning	Horner
9:15 a.m. - 9:30 a.m.	BREAK	
9:30 a.m. - 12:00 p.m.	Avalanche	Chenoweth
12:00 p.m. - 1:00 p.m.	LUNCH	
1:00 p.m. - 3:00 p.m.	Avalanche - Continued	Chenoweth
3:00 p.m. - 3:15 p.m.	BREAK	
3:15 p.m. - 5:00 p.m.	Mountain Medicine -Hypothermia, Frostbite, and Altitude -Coping with Emergencies	Strobel
5:00 p.m.	ADJOURN	
5:30 p.m.	DINNER	
7:00 p.m. - 9:00 p.m.	Avalanche Workshop	Chenoweth

TUESDAY, January 11**CHAIR – Morrisey**

7:00 a.m. - 7:45 a.m.	BREAKFAST	
8:00 a.m.	Announcements	Morrisey
8:00 a.m. - 9:00 a.m.	Survival in Snow	Horner
9:00 a.m. - 9:45 a.m.	Survival Pack	Horner
9:45 a.m. - 10:00 a.m.	BREAK	
10:00 a.m. - 10:30 a.m.	Data Collection -Description -Site Maps -Samplers	Lea
10:30 a.m. - 11:45 a.m.	Methods of Measurement -SNOTEL Observations -Notekeeping	Lea
11:45 a.m. - 11:55 a.m.	Safety Concerns-Check Out/Check In Procedures	Tolsdorf
11:55 a.m. - 12:00 p.m.	Group Assignments	Tolsdorf
12:00 p.m. - 1:00 p.m.	LUNCH & Clothing Change	
1:00 p.m. - 5:00 p.m.	Group Sessions	
1:00 p.m. - 2:15 p.m.	Oversnow Machines--Group #1 Snow Sampling--Group #2 Avalanche Field Exercise--Group #3	Merrill, Gooby Lea, Schaefer Chenoweth
2:15 p.m. - 3:30 p.m.	Snow Sampling--Group #1 Avalanche Field Exercise--Group #2 Oversnow Machines--Group #3	Lea, Schaefer Chenoweth Merrill, Gooby
3:30 p.m. - 5:00 p.m.	Avalanche Field Exercise--Group #1 Oversnow Machines--Group #2 Snow Sampling--Group #3	Chenoweth Merrill, Gooby Lea, Schaefer
5:30 p.m. - 6:30 p.m.	DINNER	
7:00 p.m. - 9:00 p.m.	Mountain Medicine Workshop	Strobel

WEDNESDAY, January 12**CHAIR – Goodbody**

7:00 a.m. - 7:45 a.m.	BREAKFAST	
8:00	Announcements	Goodbody
8:00 a.m. - 9:00 a.m.	Preparedness -Physical -Mental	Horner
9:00 a.m. - 9:30 a.m.	Trip Plans-Emergency Operations	Morrisey
9:30 a.m. - 9:45 a.m.	BREAK	
9:45 a.m. - 11:30 a.m.	Shelter Construction	Horner
11:30 a.m. - 11:45 a.m.	Instructions for Bivouac	Tolsdorf
11:45 a.m. - 1:15 p.m.	LUNCH & Clothing Change	
1:15 p.m. - 1:30 p.m.	Assemble for Travel to Bivouac Area	
1:30 p.m. - 5:00 p.m.	Shelter Construction	Field Exercise
6:00 p.m.	DINNER	Dinning Hall
8:00 p.m.	Bivouac	Overnight Outdoor Exercise

THURSDAY, January 13**CHAIR – Abramovich**

6:00 a.m. - 6:45 a.m.	Break Camp And Return	All
7:00 a.m. - 8:15 a.m.	BREAKFAST	
8:30	Announcements	Abramovich
8:30 a.m. - 8:45 a.m.	Critique of Bivouac	Tolsdorf, Schaefer Horner
8:45 a.m. - 10:00 a.m.	Helicopter Safety & Procedures	Horner
10:00 a.m. - 10:15 a.m.	BREAK	
10:15 a.m. - 11:30 a.m.	Map, Compass, and GPS Orientation	Horner
11:30 a.m. - 11:45 a.m.	Group Assignments	Tolsdorf
11:45 a.m. - 12:00 p.m.	Group Picture	Magenheimer
12:00 p.m. - 1:00 p.m.	LUNCH and Clothing Change	
1:00 p.m. - 4:30 p.m.	Snow Sampling Field Exercise	All
6:00 p.m. - 7:00 p.m.	Happy Hour/Relaxation	
7:00 p.m. - 9:00 p.m.	BANQUET Master of Ceremonies	Schaefer
	Presentation of Certificates	Schaefer, Tolsdorf

FRIDAY, January 14

7:00 a.m. - 7:45 a.m.

CHAIR – Schaefer**BREAKFAST**

8:00 a.m.

Announcements

Schaefer

8:00 a.m. - 8:30 a.m.

Uses of Snow Survey and Water Supply
Forecasting Information

Abramovich

8:30 a.m. - 9:00 a.m.

Theory and Operation of SNOTEL
-Introduction of SCAN

Schaefer

BREAK

9:15 a.m. - 10:30 a.m.

Forecasting & Importance of Accuracy

Goodbody

10:30a.m. - 11:30 a.m.

Working with the Media

Magenheimer

11:30a.m. - 12:00 p.m.

WRAP-UP AND ADJOURN

Schaefer

LUNCH & CHECK OUTMain Registration
Desk

**WEST WIDE SNOW SURVEY TRAINING SCHOOL
2011 TRAINING COORDINATORS
Shore Lodge, McCall, ID**

Overall Training Coordinator	Garry L. Schaefer, Water and Climate Monitoring Branch Leader, NWCC, Portland, OR
Local Arrangements	Ron Abamovich, Water Supply Specialist, Idaho DCO, Boise, ID.
Safety	Tony Tolsdorf, Hydrologist, NWCC, Portland, OR
Outdoor Survival	Brian Horner, Learn to Return Training, Anchorage, AK
Snow Sampling	Jon Lea, Snow Survey Supervisor, NRCS, Portland, OR
Bivouac Area	Chris Merrill, NRCS Civil Engineering Tech. Arco, Idaho
Public Information Activities	Sara Magenheimer, Public Affairs Specialist, RMA, Davis, CA.
Communication	Garry L. Schaefer, Water and Climate Monitoring Branch Leader, NWCC, Portland, OR
Oversnow Equipment	Chris Merrill, NRCS Civil Engineering Tech. Arco, Idaho,
Avalanche	Tucker Chenoweth, Alaska Mountain. Safety Center, Anchorage, AK
Mountain Medicine--First Aid	Mike Strobel, Director NWCC, NRCS, Portland, OR
Audio/Visual Equipment	Sara Meganheimer, State Public Affairs Specialist, RMA, Davis, CA.
Outdoor Equipment	Garry L. Schaefer, Water and Climate Monitoring Branch Leader, NWCC, Portland, OR

INSTRUCTORS

Instructing During Snow Sampling – Jon Lea, Leader

Tolsdorf
Strobel
Morrisey

Goodbody
Lea

Gooby
Schaefer

Merrill
Abramovich

Instructing During Bivouac – Tony Tolsdorf, Leader

Gooby
Lea
Goodbody
Morrisey

Schaefer
Tolsdorf
Merrill

Abramovich
Horner
Strobel

Physical fitness:

Mandatory for NRCS snow surveyors-

Highly encouraged for non-NRCS snow surveyors-

I certify that I have passed a physical examination which determined that I am physically capable of ski or snowshoe travel in deep snow with field pack, at high altitude, and I am capable of an overnight, outdoor bivouac in a cold, snow-covered environment. Additionally, I will be current in basic first aid and Adult CPR before attending the Westwide Snow Survey Training. Participants may be asked to present certification cards.

Name/Date

Mail the completed form ASAP to: National Water and Climate Center
Attn: Jo Huelshoff
Natural Resources Conservation Service
Water and Climate Center
1201 NE Lloyd Blvd., Suite 802
Portland, OR 97232

If you have any questions, call Jo in Portland at (503)414-3031.