

SNOW COVER PROFILE Forest C-1		Date Time 1-2	Observer Justin, Nick, Chris
Location Code (see below) Forest (in trees)		Air Temperature -8°C	
<small>Valid 3-character location codes are Saddle grid stakes (001 through 080, 0A through 80A), south of Green Lake 4 inlet (084), north of Green Lake 4 inlet (085), Green Lake 4 Outlet (086), Green Lake 5 (087), 50 m south of creek on Navajo bench (088), Arikaree Glacier (ARK). Green Lake 3, 4, and 5 north facing slope (e.g., G5N), Green Lake 3, 4, and 5 valley floor (e.g., G5V), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 5 Outlet south-facing slope (SOS), east edge of soddie lysimeter field (SAE), west edge of soddie lysimeter field (SAW), south-west of soddie lysimeter field (SSW), 300m east of T-van towards the soddie (T30), soddie west new (SWN) Ameriflux Tree B- (AB1)-index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (AB5)-200cm, (AB6)-250cm, Ameriflux Tree 1- (A11)-index, (A11)-10cm from tree (A12)-50cm, (A13)-100cm, (A14)-150cm, (A15)-200cm, (A16)-250cm. Liquid water values range from 0 to 8%. Valid 2-character grain shape codes are wet snow metamorphism (WM), equitemperature (ET), depth hoar (TG), ice (IC), or crust (CR). Grain sizes range from 0.1 to 9.9 mm. (Default 9.9 mm) Hardness codes: 1- (knife); 2- (pencil); 3- (1 finger); 4- (4 finger); 5- (fist).</small>		Cloudiness/Insolation Partly Cloudy	
		Precipitation Blowing Snow	
		Wind Breezy	
		Surface Hardness 32cm Instrument Boot	

Computer data entry by _____ Date _____ Rekey _____ MARKW .FLB FORMS SNOWPIT ; SNOWGRAN

Temp (C)	Net Weight (g)	← Height above ground (cm)	→ Height above ground (cm)	liquid water (%)	Grain Shape	Grain Size (mm)	Hardness	Cutter Tare (g) _____	Comments
		50	50						
45	-7 240	40	40	24%	ET	1	fist		
35	-5 242	30	35	24.2%	TG	1 1/2	fist		
25	-4 243	20	25	24.3%	TG	3	fist		
15	-2 285	10	18	28.5%	TG	3-4	4 finger		
5	-1 307	0	14	30.7%	TG	3-4	1 f		
0	0		9		TG	3	4 f.		
			0		TG	2	Pen.		

1

SNOW COVER PROFILE	Date Time 1/23/10 2:02	Observer Shelley, Genesis Games, Melissa, John
Location Code (see below): <u>Opining - Deep site (WMT)</u>	Air Temperature -5	
<p>Valid 3-character location codes are Saddle grid stakes (001 through 080, 10A through 80A), south of Green Lake 4 inlet (084), north of Green Lake 4 inlet (085), Green Lake 4 outlet (086), Green Lake 5 (087), 50 m south of creek on Navajo bench (088), Arikaree Glacier (ARK). Green Lake 3, 4, and 5 north facing slope (e.g., G5N), Green Lake 3, 4, and 5 valley floor (e.g., G5V), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 5 Outlet south-facing slope (SOS), east edge of soddie lysimeter field (SAE), west edge of soddie lysimeter field (SAW), south-west of soddie lysimeter field (SSW), 300m east of T-van towards the soddie (T30), soddie west new (SWN) Ameriflux Tree B- (AB1)-index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (AB5)-200cm, (AB6)-250cm, Ameriflux Tree 1- (A11) index, (A11)-10cm from tree (A12)-50cm, (A13)-100cm, (A14)-150cm, (A15)-200cm, (A16)-250cm. Liquid water values range from 0 to 8 %.</p> <p>Valid 2-character grain shape codes are wet snow metamorphism (WM), equitemperature (ET), depth hoar (TG), ice (IC), or crust (CR). Grain sizes range from 0.1 to 9.9 mm. (Default 9.9 mm) Hardness codes: 1- (knife); 2- (pencil); 3- (1 finger); 4- (4 finger); 5- (fist).</p>	Cloudiness/ Insolation <u>partly</u>	
	Precipitation <u>lt snow</u>	
	Wind <u>5-20 mph</u>	
	Surface Hardness	Instrument

Computer data entry by _____ Date _____ Rekey _____ MARKW .FLB FORMS SNOWPIT ; SNOWGRAN

Temp (C)	Net Weight (g)	<-- Height above ground (cm)	--> Height above ground (cm)	liquid water (%)	Grain Shape	Grain Size (mm)	Hardness	Cutter Tare (g) <u>690g</u>	Comments
-4		73	13						
-6	973	60	10		ET	1	4		← 283
-6	331	50	57		ET	1	4		
-4	333	40	40		TG	1.8	4		
-3	385	30	26.5		ET	1.5	3		1017 -690
-2	1017	20	17		TG	1.8	4		← 427
-1	924	10	0		TG	2.3	3		← 234 ← 1030 - 690 = 320
0	1030	0							

#3

SNOW COVER PROFILE	Date <u>1/22/10</u> Time <u>11:48am</u>	Observer <u>Sara, Mike, Brittany, Carissa</u>
Location Code (see below): <u>Opening - Shallow Site</u>		Air Temperature <u>-7.5</u>
<small>Valid 3-character location codes are Saddle grid stakes (001 through 080, 10A through 80A), south of Green Lake 4 inlet (084), north of Green Lake 4 inlet (085), Green Lake 4 outlet (086), Green Lake 5 (087), 50 m south of creek on Navajo bench (088), Arikaree Glacier (ARK), Green Lake 3, 4, and 5 north facing slope (e.g., G5N), Green Lake 3, 4, and 5 valley floor (e.g., G5V), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 5 Outlet south-facing slope (SOS), east edge of soddie lysimeter field (SAE), west edge of soddie lysimeter field (SAW), south-west of soddie lysimeter field (SSW), 300m east of T- van towards the soddie (T30), soddie west new (SWN) Ameriflux Tree B- (AB1)-index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (AB5)-200cm, (AB6)-250cm, Ameriflux Tree 1- (A11) index, (A11)-10cm from tree (A12)-50cm, (A13)-100cm, (A14)-150cm, (A15)-200cm, (A16)-250cm. Liquid water values range from 0 to 8 %. Valid 2-character grain shape codes are wet snow metamorphism (WM), equitemperature (ET), depth hoar (TG), ice (IC), or crust (CR). Grain sizes range from 0.1 to 9.9 mm. (Default 9.9 mm) Hardness codes: 1- (knife); 2- (pencil); 3- (1 finger); 4- (4 finger); 5- (fist).</small>		Cloudiness/ <u>partly cloudy</u> Insolation
		Precipitation <u>snow/blowing</u>
		Wind <u>NW</u>
		Surface <u>2mm soft</u> Instrument Hardness <u>on top of crust</u>

Computer data entry by _____ Date _____ Rekey _____ MARKW .FLB FORMS SNOWPIT ; SNOWGRAN

74 kg
therm
initial 0°C

Temp (C)	Net Weight (g)	<--- Height above ground (cm)	---> Height above ground (cm)	liquid water (%)	Grain Shape	Grain Size (mm)	Hardness	Cutter Tare (g) <u>748g</u>	Comments
-6	959	43.5	43.5		ET		fist		
-6	959	40	42.5		ET	.5	fist		
-5	965	30	37		ET	1	4 fingers		
-3	1005	20	26	temp. grad.		2	fist		
-2.5	1044	10	17	temp. grad.		4	fist		
0	1057	0	13.5	temp. grad.		2.5 to 4	1 finger		
			0	temp. grad.		4	4 fingers		layer of ice on bottom

1057
748
309