Peter Dolan

Chris & Brian

OPEN SITE - EAST LOCATION / SHALLOW PIT #1

SNOW COVER PROFILE	Date Time	Observer
Location Code (see below):		Air Temperature -8° C
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- (A01)-index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (AB5)-200cm, (AB6)-250cm, Ameriflux Tree 1-(A1I) 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).		Cloudiness/ Insolation Clear Sky Precipitation Wind 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)	Hard-ness
		47	47		ET slight rounding	<1	5
-7°	209	40	37		TG Facets	2-3	5
-4°	229	30	28.5		TG Facet	3-4	5
-3.5°	253	20	0				
-2°	229	10					
-1.5°	239	0					
0							

Cutter Tare (g) _____

Comments

Peter Dolan, Brian, & Chris

OPEN SITE - EAST LOCATION / SHALLOW PIT #2

SNOW COVER PROFILE	Date 1/22/12 Time	Observer
Location Code (see below):		Air Temperature -8°
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- (ABI)-index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (AB5)-200cm, (AB6)-250cm, Ameriflux Tree 1-(A1I) 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).		Cloudiness/ Insolation Clear Sky Precipitation Light to No Snow Wind W - NW winds 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)	Hard-ness
		65	65				
-7	182				ET	1	5
		60	47				
-4.5	219				TG	2-4	5
		50	22				
-4.2	256				CR	3	4
		40	19				
-3.5	278				TG	4	5
		30	0				
-1.7	355						
		20					
-2							
		10					
-1.7	"						
		0					

Cutter Tare (g) _____

Comments

OPEN SITE - MID LOCATION Page 1 of 1

SNOW COVER PROFILE	Date Time	Observer Kristen, Galen, Amanda, Cory
Location Code (see below):		Air Temperature -7.5°C
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 (5OS), 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- (ABI)-index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (AB5)-200cm, (AB6)-250cm, Ameriflux Tree 1-(A1I) 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).		Cloudiness/ Insolation Clear Skies / Sunny Precipitation light Snow Wind med to High winds Surface Hardness Fist (5) Instrument

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

Temp (C)	Net We ight (g)	<--- Height above ground (cm)	---> Height above ground (cm)	liquid water (%)	Grain Shape	Grain Si ze (mm)	Hard-ness
		95	95		Rounded ET	1mm	4
-7°C	181	90	90.5		Rounded ET	1	5
-5°	210	80	78		Rounded ET	1	5
-5°	227	70	71.5		Rounded ET	1	3
-4°	225	60	57.5		WM	2	0
-3°	261	50	55		TG Block	2	5
-2.5°	243	40	24		TG	2mm	2
-2°	255	30	23		TG	2mm	3
-1°	267	20	15		WM	3mm	1
-1.5°	280	10	0				

Cutter Tare (g) 752g

Comments

A Small tree acting as Anchor was Rear our profile.

OPEN SITE - WEST LOCATION / DEEP PIT

SNOW COVER PROFILE	Date Time	Observer
Location Code (see below):		Air Temperature
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 (5OS), 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- (ABI)-index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (AB5)-200cm, (AB6)-250cm, Ameriflux Tree 1-(A1I) 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).		Cloudiness/ Insolation Precipitation Wind 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)	Hard-ness
		118	118				
-6.9		110	115		ET	.05	5
-5.6		100	112		ET	.05	5
-5		90	110		ET	.05	5
-5		80	102		ET	.3	5
-4		70	95		ET	.5	4
-3.6		60	92		ET	.5	3
-3		50	83.5		ET	.5	4
-2.2		40	78		ET	.6	5
-1.5		30	73		ET	.7	5

Cutter Tare (g) _____

Comments

SNOW COVER PROFILE	Date Time	Observer
Location Code (see below):		Air Temperature
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- (ABI)-index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (AB5)-200cm, (AB6)-250cm, Ameriflux Tree 1-(A1I) 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).		Cloudiness/ Insolation Precipitation Wind Surface Hardness Instrument

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

Temp (C)	Net Weight (g)	<--- Height above ground (cm)
		20
-1.5	192	
		10
-1	214	
		0
0	232	
	334	
	285	
	274	
	322	
	305	

---> Height above ground (cm)	liquid water (%)	Grain Shape	Grain Size (mm)	Hardness
73		TG	0.9	4
65		TG	1	4
59			1.5	4
51			2.05	5
30.5			2.2	5
23.5			2.3	3
18			2.6	5
10.5			2.6	4
5			2.2	2
0				

Cutter Tare (g) _____

Comments

FOREST SITE

SNOW COVER PROFILE	Date Time	Observer Team Sparkle Snow – Lauren, Adam, Matt, Marietta
Location Code (see below):		Air Temperature
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- (ABI)-index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (AB5)-200cm, (AB6)-250cm, Ameriflux Tree 1-(A1I) 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).		Cloudiness/ Insolation Precipitation Wind 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)	Hard-ness
~~-8~~							
-5	171	65	65	17.1%	WM	<.5	5
-4	214	55	51	2%	WM	1	2
-2	269	45	49	27%	TG	1.5	3
-2	255	35	41	25.5%	TG	2	5
-1	245	25	18	44.5%	TG	2	4
-1	272	15	16	27%	TG	2	4
-2	..	05	13		TG	2mm	3
			11		TG	4mm	4
			0				

Cutter Tare (g) _____

Comments