Peter Dolan

OPEN SITE - FAST LOCATION Page 1 of

Chris & Brian

SNOW COVER PROFILE	Date Time	Observer	
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		Air Temperature	-8° C
		Cloudiness/ Insolatio n	Clear Sten
		Precipitation	
		Wind	
Valid 2-character grain shape codes are wet snow metamorphism (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- (Surface Hardness	Instrument

Computer data entry by ____ Date _____ Rekey __ MARKW .FLB FORMS SNO WPIT; SNOWGRAN Cutter Tare (g) Net Grain liquid Height Height Temp Grain Hard-We ight Size water (C) ness above ground above ground Shape (g) (mm) (%) (cm) (cm) Comments 47 47 ET Sight rounding 5 <1 209 37 40 T6 2-3 5 229 Facela 30 TG 3-4 253 Facel 20 229 10 -1,50 239 0 0

Peter Dolan, Brian, & Chris

OPEN SITE - EDSTLOCATION Page 1 of 1

SNOW COVER PROFILE	Date 1/22/12 Time	Observer	
Location Code (see below):		Air Temperature	-80
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		Cloudiness/ Insolation (Clear Shy
(SOS), east edge of soddie lysimeter field (SAE), west edge of soddie lysimeter field (SSW), 300m east of T-van towards the soddie (T30), s	lysimeter field (SAW), south-west of soddie soddie west new (SWN) Ameriflux Tree B- (ABI)-	Precipitation Zuj	At to No Snow
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 %.		Wind W - N	W winds
Valid 2-character grain shape codes are wet snow metamorphism (V (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- (fi	*	Surface Hardness	Instrument

Computer data entry by ____ Date _____ Rekey __ MARKW .FLB FORMS SNOWPIT; SNOWGRAN Cutter Tare (g) Grain Net liquid Height Height Hard-Temp Grain We ight Size water (C) above ground above ground Shape ness (g) (mm) (%) (cm) (cm) Comments 65 65 ET 182 47 60 T6 2-4 -4.5 219 22 50 CR 4 -4,2 254 40 19 TG -3.5 4 278 0 30 355 -1.7 20 -2 10 -1.7 0 20

OPEN SITE - MID LOCATION

SNOW COVER PROFILE	Date Time	Observer Kristen, Calen, Amarda, Cary	
Location Code (see below):	Air Temperature -7.5°C		
Valid 3-character location codes are Saddle grid stakes (001 through 080, 10A th inlet (084), north of Green Lake 4 inlet (085), Green Lake 4 outlet (086), Green La Navajo bench (088), Arikaree Glacier (ARK). Green Lake 3, 4, and 5 north facing s valley floor (e.g., G5V), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 3, 4, and 5 south facing slope (e.g., G5S), Green Lake 4 south facing slope (e.g., G5S), Green Lake 5 south facing slope (e.g., G5S), Green Lake 6 south facing slope (e.g., G5S), Green Lake 6 south facing slope (e.g., G5S), Green Lake 7 south facing slope (e.g., G5S), Green Lake 7 south facing slope (e.g., G5S), Green Lake 7 south facing slope (e.g., G5S), Green Lake 8 south facing slope (e.g., G5S), G7E south facing s	ke 5 (087), 50 m south of creek on lope (e.g., G5N), Green Lake 3, 4, and 5	Cloudiness/ Insolation Chear Stries / Survey	
(5OS), east edge of soddie lysimeter field (SAE), west edge of soddie lysimeter fi lysimeter field (SSW), 300m east of T-van towards the soddie (T30), soddie west	eld (SAW), south-west of soddie new (SWN) Ameriflux Tree B- (ABI)-	Precipitation light Snow	
index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (AB5)-200 (A11) index, (A11)-10cm from tree (A12)-50cm, (A13)-100cm, (A14)-150cm, (A15) Liquid water values range from 0 to 8 %.		Wind med to High winds	
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).		Surface Instrument Hardness Fish	

Computer	data entry	by	Date	Rek	ey	78	MARKW .FL	B 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	Cutter Tare (g) 7529 Comments
		95	95					A Small tree octing
-7°C	181			3	Randed	lmm	4	lear our profile.
-5°	210	90	90.5	2	ROUNDE		5	lear our frome.
-50	227	80	78	7	Randel ET		5	oko sao _ m* u
)		70	71.5	-	Rounde			
-4	225	60	-57.5	_).	ET	١	3	
-3	261			>	wm	Z'	0	
-25	243	50	55	>	TG Block	2	5	
-20	255	40	24	7	T6	2mm	.2	*
-10-		30	23		76	2mm	3	3 40
100	10.1	20	15		16			
-1.5°	280	10	-0_			3 mm		

OPEN SITE - WEST LOCATION Page / of 2

SNOW COVER PROFILE	Date Time	Observer		
Location Code (see below):		Air Temperatur e		
Valid 3-character location codes are Saddle grid stakes (001 through 080, 10A th inlet (084), north of Green Lake 4 inlet (085), Green Lake 4 outlet (086), Green La Navajo bench (088), Arikaree Glacier (ARK), Green Lake 3, 4, and 5 north facing si valley floor (e.g., GSV), Green Lake 3, 4, and 5 south facing sloop (e.g., GSSV), GReen Lake 3, 4, and 5 south facing sloop (e.g., GSSV), GReen Lake 3, 4, and 5 south facing sloop (e.g., GSSV), GReen Lake 3, 4, and 5 south facing sloop (e.g., GSSV), GReen Lake 3, 4, and 5 south facing sloop (e.g., GSSV), GReen Lake 3, 4, and 5 south facing	ke 5 (087), 50 m south of creek on lope (e.g., G5N), Green Lake 3, 4, and 5	Cloudiness/ Insolation	91	
(50S), 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, (ABI)-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 %.		Precipitation	7	
		Wind	(47.	
Valid 2-character grain shape codes are wet snow metamorphism (WM), equiter (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).	mperature (ET), depth hoar (TG), ice	Surface Hardness	Instrument	

Computer data entry by ____ Date ___ Rekey ____ MARKW .FLB FORMS SNOWPIT; SNOWGRAN Cutter Tare (g) Net Grain liquid Height Temp Height Grain Hard-Weight Size water (C) above ground above ground Shape ness (g) (mm) (%) (cm) (cm) Comment s 118 118 ET 5 -6.9 .05 115 110 .05 -5,6 5 112 100 ET .05 5 110 90 ET -5 .3 102 80 ET -4 4 .5 95 70 ET .5 -3.6 3 92 60 ET .5 4 83.5 50 ET -2.2 .6 5 78 40 ET. 1,5 30

SNOW COVER PROFILE	Date Time	* *	Observer		
Location Code (see below):	Salar .		Air Temperature		
Valid 3-character location codes are Saddle grid stakes (001 through C inlet (084), north of Green Lake 4 inlet (085), Green Lake 4 outlet (086) Navajo bench (088), Arikaree Glacier (ARK). Green Lake 3, 4, and 5 north valley floor (e.g., GSV), Green Lake 3, 4, and 5 south facing slope (e.g.,	s), Green Lake 5 (087), 50 m s rth facing slope (e.g., G5N), 0	south of creek on Green Lake 3, 4, and 5	Cloudiness/ Insolation		
(5OS), east edge of soddie lysimeter field (SAE), west edge of soddie ly lysimeter field (SSW), 300m east of T-van towards the soddie (T30), so	lysimeter field (SAW), south- oddie west new (SWN) Amer	-west of soddie riflux Tree B- (ABI)-	Precipitation		
index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (A11) index, (A11)-10cm from tree (A12)-50cm, (A13)-100cm, (A14)-150 Liquid water values range from 0 to 8 %.			Wind	*	4
Valid 2-character grain shape codes are wet snow metamorphism (WI (IC), or crust (CR). Grain sizes range from 0.1 to 9.9 mm. (Default 9.9 mm)	1904	epth hoar (TG), ice	Surface Hardness	Instrument	
Hardness codes: 1- (knife); 2- (pencil); 3- (1 finger); 4- (4 finger); 5- (fist)	0-				On.

Computer data entry by ____ Date_ Rekey ____ MARKW .FLB FORMS SNOWPIT; SNOWGRAN <---Cutter Tare (g) Net Grain liquid Temp Height Height Hard-Grain We ight water Size (C) ness above ground above ground Shape (g) (%) (mm) (cm) (cm) Comments 20 73 -1.5 4 TG 192 09 10 65 214 T6 4 0 59 1,5 232 4 0 51 334 705 30.5 285 22 5 23.5 3 18 2.6 5 10.5 L 305 2.6 50 0

FOREST SITE

SNOW COVER PROFILE	Date Time	Observer TRAM Sparttle Snow - Lawer Ad	
Location Code (see below):		Air Temperatur e	
Valid 3-character location codes are Saddle grid stakes (001 thro inlet (084), north of Green Lake 4 inlet (085), Green Lake 4 outlet Navajo bench (088), Arikaree Glacier (ARK). Green Lake 3, 4, and yalley floor (e.g., GSV), Green Lake 3, 4, and 5 south facing slope	Cloudiness/ Insolation Precipitation Wind		
(5OS), east edge of soddie lysimeter field (SAE), west edge of sod lysimeter field (SSW), 300m east of T-van towards the soddie (T3			
index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-15 (A1I) index, (A11)-10cm from tree (A12)-50cm, (A13)-100cm, (A1- 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).		Surface Instrument Hardness	

Computer data entry by ____ Date __ Rekey ___ MARKW .FLB FORMS SNO WPIT; SNOWGRAN Cutter Tare (g) Net Grain liquid Temp Height Height Hard-Grain We ight water Size (C) ness above ground above ground Shape (g) (mm) (%) (cm) (cm) Comment s 65 171 4.5 51 MM 214 2 269 1,5 35 255 9 25 16 245 7 15 07 27% 979 3 76 -7 Jun 11 4mm