

SNOW COVER PROFILE	Date Time	2/10/08 12:15 pm	Observer	
	Location Code (see below):		Air Temperature -3C	
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- (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).			Cloudiness/ Insolation	clear spotty clouds in areas
			Precipitation	none
			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)	Temp liquid water (%)	Grain Shape	Grain Size (mm)	Hardness	Comments
-2	177	137	145					
-6	177	137	141	-1	ET s sp.D	.2mm	5	
-7		130						
-10	123	120	133	-5.5	ET	.2-.3	5	
-8	185	110	118	-8	rounded to dendrite	.1-.3	5	
-7	221	100	100	-7.5	rounded to dendrite	.3	5	
-8	289	90	91	-8	rounded	.5	3	
-6	287	80	83	-6	rounded	.5	4	
-5	351	70	78	-5.5	rounded	.3-.4	4	
-5.5	316	60	73	-6.5	rounded	.3-.4	4	
-4	343	50	58	-4.5	Facets	.5-1	4	
-3.5	330							

746 = wt of wedge

SNOW COVER PROFILE	Date Time	Observer <i>Lauren, Liz, Ashley</i>	
Location Code (see below):		Air Temperature <i>-2°C</i>	
<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 (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, (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.</p> <p>Liquid water values range from 0 to 8 %.</p> <p>Valid 2-character grain shape codes are wet snow metamorphism (WM), equitemperature (ET), depth hour (TG), ice (IC), or crust (CR).</p> <p>Grain sizes range from 0.1 to 9.9 mm. (Default 9.9 mm)</p> <p>Hardness codes: 1- (knife); 2- (pencil); 3- (1 finger); 4- (4 finger); 5- (fist).</p>	Cloudiness/ Insolation	Precipitation <i>Blowing snow</i>	
	Wind <i>From west/westerly</i>	Surface Hardness	Instrument <i>774g Kelly cutter</i>

Computer data entry by _____ Date 2/10/08 Rekey _____ MARKW.FLB FORMS SNOWPIT; SNOWGRAN

Temp (C)	Net Weight (g)	← Height above ground (cm)	→ Height above ground (cm)	Temp liquid water (%)	Grain Shape	Grain Size (mm)	Hardness	Comments
0°	133	77.0	81	0°				rounded sugar snow
-5°	109	67.0	77	0°	Rounded S1 Equal Temp.	1	Fist 5	5 mm grain size
-5.5	258	57.0	69	-1°	R3c	0.3	Fist 5	20 cm Hexagonal 2mm grain size
-5	259	47.0	63	-5°	Pointed N2a	2	5	10 cm crystals 2.5 mm grain size
-4	227	37.0	55	-4°	rounded lobes R3a	0.5	4	
-3	290	27.0	50	-5°	Flatter and rounded S1 Flaky	2	4	
-2	297	17.0	43	-4°	Cylinders C2a	3	5	
-2	285	7.0	38	-4°	Flat plates CP3	2	5	
-1		0	35	-4°	Hexagonal S1 Flaky	2		

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		Precipitation
		Wind
		Surface Hardness

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Temp (C)	Net Weight (g)	← Height above ground (cm)	→ Height above ground (cm)	Temp liquid water (%)	Grain Shape	Grain Size (mm)	Hardness	Comments
					2-5 rounded			2 distinct w/ BK of Pole
					rounded			
		66						
		60	63cm		rounded	2-5	1	
60cm	-5°C 170			-5°C				
		50	54cm		rounded	5-7.5	2	1.25
50cm	-4°C 230			-4.5°C				
		40	49cm		intermediate faceting	9	1.6	1.5
40cm	-3°C 213			-5°C	Ice			
		30	43cm		Particle Faceting	8		1.25
30cm	-2°C 198			-5°C				
		20	30cm		P7A Faceting	1.5	1.5	1
20cm	-2°C 251			-3°C				
		10	3cm		Faceting	2-		This layer is suspect
10cm	-2°C 272			-1°C	Angular	2.5	1.8	
0cm	0°C	0	0					