

<b>SNOW COVER PROFILE</b>	Date <u>2/19</u> Time <u>1:30</u>	Observer <u>Justina &amp; Kelsey</u>
Location Code (see below):		Air Temperature
<p>Valid 3-character location codes are Saddle grid stakes (001 through 060, 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) Amerilux Tree B- (ABI)- index, (AB1)-10cm from tree (AB2)-50cm, (AB3)-100cm, (AB4)-150cm, (AB5)-200cm, (AB6)-250cm, Amerilux 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).</p>		Cloudiness/ <u>thin clouds</u> Insolation
		Precipitation <u>dry snow</u>
		Wind
		Surface Hardness <u>5</u> 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	Comments
-1	136	72	114 cm				4	depth = 77 cm
-5.5	252	62	51 cm				4	
-5	389	52	61				5	
-5.5	339*	42	TOP				5	
-3.5	339	32	TA		stellate crystal	1x1	5	
-3.5	344	22	69		columnar irregular columnar	<1	5	
-2.5	1	12	66		columnar	1x1	5	
0		2	45		irregular columnar	2x2 2x1	4-5	
			3		crapped columnar	2x2 2x3	4	
			0		spherical dendrite	2-5	2	

surface  
3cm

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Ground  
Green grass!

339

orientation is North. → Away from sun

<b>SNOW COVER PROFILE</b>	Date 2.19.06 Time 1:30	Observer Kate, Bobby, Claire
Location Code (see below): Mid-Pit @ Trail 1		Air Temperature
<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-vaue 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 hoar (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/ thin cloud Insolation
		Precipitation No
		Wind slight
		Surface Hardness Instrument

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

735  
stratigraphic layers

Temp (C)	Net Weight (g)	← Height above ground (cm)	→ Height above ground (cm)	liquid water (%)	Grain Shape	Grain Size (mm)	Hardness	Comments
-1.5°		90	90		R2C R3B	< 1mm	5	→ Snow stuck together [stuck]
-1.5°	161g	80	86.5		↓	< 1mm	4	→ Red Dust Layer [dust layer]
-6°	234g	70	84		R3D R3C	~2mm	2	→ Crusty layer
-6°	249g	60	82.5		Rounder	1mm	4.5	
-5.5°	262g	50	76		R3D	~1.5	4	→ clump
-4°	292g	40	70		Rounded	1mm	4	
-3°	268g	30	65.5		granular	< 1mm	3	
-3°	280g	20	59		granular	1-2 mm	2	
-2°	269g	10	55		very granular	2mm	2	
-1.5°	269g	0	54		semi-extremely granular	1-2	2	
			47.5					

47.5

MORE Angular

38	globes	2 mm	3
23	irregular globes	white less 2 mm	2
20	glass w/ straight edges 53	2 mm	1-2
12	Rounder	> 2 mm	4-5
0	Round	~ 3 mm	4-5

Hard

Fat

<b>SNOW COVER PROFILE</b>		Date Time	Observer
Location Code (see below):		19.06 3:52	Air Temperature
<p>Valid 3-character location codes are Saddle grid stakes (001 through 090, 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- (A1) 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).</p>		Cloudiness/ Insolation	
		Precipitation	
		Wind	
		Surface Hardness	Instrument

Computer data entry by 7.359 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	Comments
-2	162	123.26	0		R3C	2	1	
-0.5	280	113	3		I1	2	2	
-6.25	388	103	21		I1	2	1	
-6.5	327	93	22		I2	2.25	2	
-4.8	326	83	27		I1	1.5	2	
-3.5	326	73	31		I1	2.5	2	
-3.5	357	63	42		R3C	1.5	1	
-2	359	53	45		R3C	2.25	2	
-2	365	43	48		R4C	1.75	2 1/2	
		33	59					

<b>SNOW COVER PROFILE</b>	Date Time	Observer
Location Code (see below):		Air Temperature
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		Precipitation
		Wind
		Surface Hardness

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	Comments
					R3C	2.0	2	
-1.75	236	33	60		R3C	1.5	1	
-1.5	216	23	61		R4C	1.0	2	
-1.5	270	13	63		R4A	1.5	1	
-2.5		3	64		R3C	2.0	2	
			67		R3C	2.0	1	
			70		R4A	1.5	2	
			80		R4C	1.5	1	
			82		R3C	1.0	2	
			85		R4A	1.0	2	
			101					

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		Precipitation
		Wind
		Surface Hardness

Computer data entry by \_\_\_\_\_ Date \_\_\_\_\_ Rekey \_\_\_\_\_ MARKW.FLB FORMS SNOWPIT; SNOWGRAN T/LIGHT SENSORS

Temp (C)	Net Weight (g)	← Height above ground (cm)	→ Height above ground (cm)	liquid water (%)	Grain Shape	Grain Size (mm)	Hardness	Comments
			111		R4A	1.0	1	19 FEB 2005 1525 MST Comments
					R3C	1.25	3	DEPTH FROM GROUND
			119		R3C	1.5	1	SN #941256 0cm W PIT
			120		L1	1.5	4	941255 35
			TOP					941247 75
								941258
								RED LAYER
								0cm 941249 E PIT
								35cm 941254
								72cm 941253 RED LAYER