

SNOW COVER PROFILE	Date 1-15-11 Time 12:00 pm	Observer Sean Sutherland
Location Code (see below): <u>Deep Pit, CA</u>	Air Temperature <u>-3.0C</u>	Cloudiness/ Insolation <u>partly cloudy</u>
<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- (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).</p>	Precipitation <u>occasional sporadically noticed flurries</u>	Wind <u>Breezy, little wind</u>
	Surface Hardness <u>5</u>	Instrument

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

VT
7.4 ^{u/m}

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>747</u>	Comments
-6		101	101						*fall snows @ density of $100g/1000g$ *faceted crystals represent a lower density *less dense @ end means the H ₂ O molecules migrated
-7.5	197	101	82	-	ET	1	5		
-7.0	293	90	72	-	ET	1.5	3		
-5.0	304	80	51	-	ET	1	5		
-4.0	329	70	37.5	-	ET	1	3		
-3.0	386	60	0	-	ET	1	5		
-2.0	439	50							
-1.5	423	40							
-0.5	435	30							
0	418	20							
0	396	10							

0

site: clearing, hummock of snow
crust on ~~tree~~ top - easy for squirrels to walk on
squirrel tracks, cut-off branches

