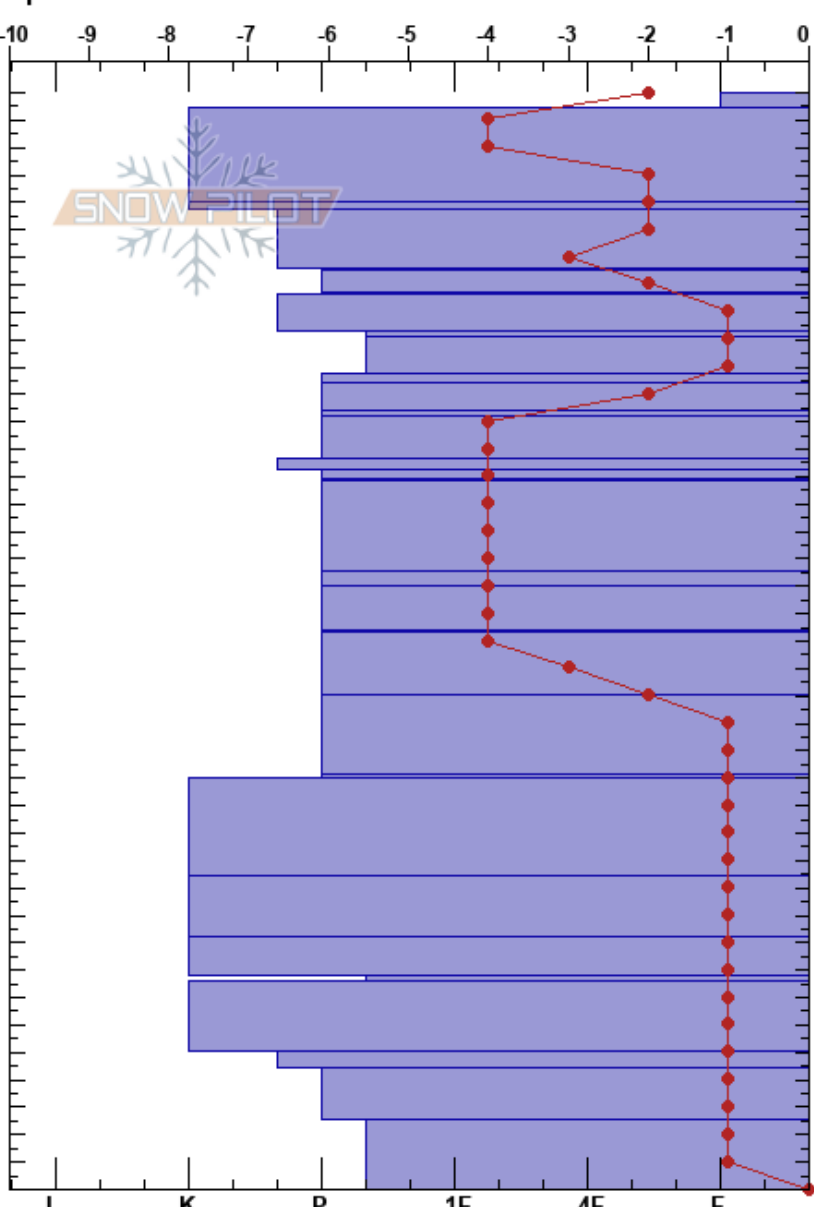


Atwater Study Plot
 Central Wasatch
 UT
 Elevation: 8800 ft
 Aspect:
 Specifics:

steven clark
 04/15/2023 - 12:00pm
 Co-ord: 40.59119N, -111.63782W
 Slope Angle: 2°
 Wind Loading:

Stability: + Very Good
 Air Temperature: 0°C
 Sky Cover: CLR
 Precipitation: NO
 Wind: Calm

HS: 400
 PF: 5
 PS: 5
 Layer Notes:
 400-394cm: New snow from 04/14
 394-360cm: refrozen, D7
 360-357cm: D6
 336-335cm: Melt Pooling
 327-326cm: Melt Pooling
 [More Layer Comments below]



Depth (cm)	Crystal Form	Crystal Size	D Moisture	ρ kg/m³	Stability tests & Layer comments
400-394	+	3-20			400-394cm: New snow from 04/14
394-360	▽ (■)	3-20		178	394-360cm: refrozen, D7
360-357	●	0.3-0.5		298	360-357cm: D6
336-335	⊙	1-4		423	336-335cm: Melt Pooling
327-326	●	0.3-0.5		472	327-326cm: Melt Pooling
326-313	⊙ (■)	1-3		349	326-313cm: MF layer @ 96
313-311	● (■)	0.3-0.5		310	313-311cm: Melt Pooling
297-294	⊙	1-4		370	297-294cm: Mar 16-29 FC MF Meltpooling
284-282	●	0.3-0.5		357	284-282cm: D5
266-262	⊙ (⊖)	2-6 (1)		377	266-262cm: D4
225-220	●	0.5-0.5		360	225-220cm: D3 Wet
204-203	⊙ (■)	2-10		403	204-203cm: Melt Pooling
178-170	●	0.3-0.5		402	
150-140	● (■)	0.5-1		353	
120-110	●	0.5		399	
100-90	⊙ (⊖)	3-10		383	
78-76	●	0.5-1		397	78-76cm: D2 Dec 21st, 2022 Melt
50-44	⊙ (⊖)	2-3		417	50-44cm: D1 Nov 2022 dust
0-10	●	0.5-1		426	
10-20	●	0.5-1		453	
20-30	●	0.5-1		452	
30-40	●	0.5-1		460	
40-50	⊙ (⊖)	0.5-1		476	
50-60	●	0.5-1		462	
60-70	●	0.5-1		466	
70-80	●	0.5-1		464	
80-90	⊙ (●)	0.5-1		479	
90-100	● (⊖)	0.5-1		472	
100-110	● (⊖)	1-2		496	
110-120	● (⊖)	0.5-1		446	
120-130	● (⊖)	0.5-1		484	
130-140	●	1		513	
140-150	●	0.5-1		443	
150-160	●	0.5-1		503	
160-170	●	0.5-1		471	
170-180	⊖	1-2		428	
180-190	⊖	1-2		428	
190-200	⊖	1-2		428	

Notes: April pit for U of U SnoHydro Lab and UDOT Avalanche Safety. Additional Layer Comments: 313-326cm: MF layer @ 96; 311-313cm: Melt Pooling; 294-297cm: Mar 16-29 FC MF Meltpooling; 282-284cm: D5; 262-266cm: D4; 220-225cm: D3 Wet; 203-204cm: Melt Pooling; 76-78cm: D2 Dec 21st, 2022 Melt; 44-50cm: D1 Nov 2022 dust;