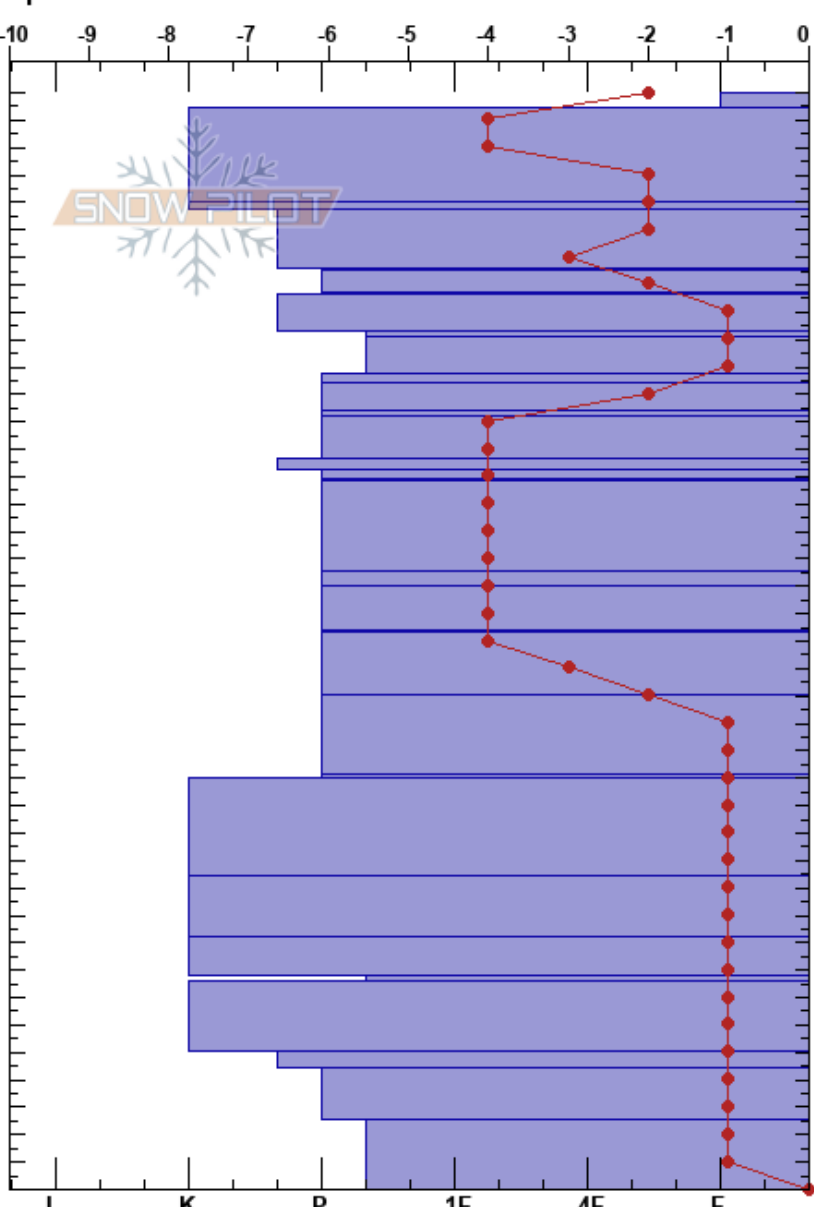


Atwater Study Plot  
 Central Wasatch  
 UT  
 Elevation: 8800 ft  
 Aspect:  
 Specifics:

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	+	3-20			400-394cm: New snow from 04/14
394	+	3-20			394-360cm: refrozen, D7
360	●	0.3-0.5		298	360-357cm: D6
357	⊙	1-4		423	
336	●	0.3-0.5		472	336-335cm: Melt Pooling
327	⊙	1-3		436	
326	●	0.3-0.5		349	327-326cm: Melt Pooling
313	⊙	1-4		310	
311	●	0.3-0.5		353	326-313cm: MF layer @ 96
300	⊙	1-4		370	
313-311cm					Melt Pooling
300	●	0.3-0.5		357	
297	⊙	2-6 (1)		377	
294	●	0.5-0.5		357	297-294cm: Mar 16-29 FC MF Meltpooling
284	⊙	2-10		360	
282	●	0.3-0.5		403	284-282cm: D5
266	⊙	2-10		402	
262	●	0.3-0.5		353	
262	●	0.5-1		399	266-262cm: D4
225	●	0.5		383	
225	⊙	3-10		397	
220	●	0.5		417	
220	●	0.5-1		426	
204	●	0.5-1		453	
203	●	0.5-1		452	225-220cm: D3 Wet
204	⊙	2-3		460	
203	●	0.5-1		476	204-203cm: Melt Pooling
176	●	0.5-1		462	
150	⊙	0.5-1		466	
140	●	0.5-1		464	
130	⊙	0.5-1		479	
110	●	0.5-1		472	
100	●	1-2		496	
90	●	0.5-1		446	
80	●	0.5-1		484	
78	●	1		513	
76	●	0.5-1		443	78-76cm: D2 Dec 21st, 2022 Melt
50	●	0.5-1		503	
40	●	0.5-1		471	
50-44cm	⊙	1-2		428	D1 Nov 2022 dust
44	⊙	1-2		428	
10	⊙	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;