

End of March pit NWSP

AHSP Aspen Highlands

Stability:

HS:270

Layer Notes:

Elk Mountains

04/01/2024 - 12:00pm

Air Temperature: -4°C

PF:58

206-204cm: Problematic layer

CO

Co-ord: 39.12940N, -106.87220W

Sky Cover: OVC

PS:23

183-175cm: Dirt Layer

Elevation: 11830 ft

Slope Angle: 20°

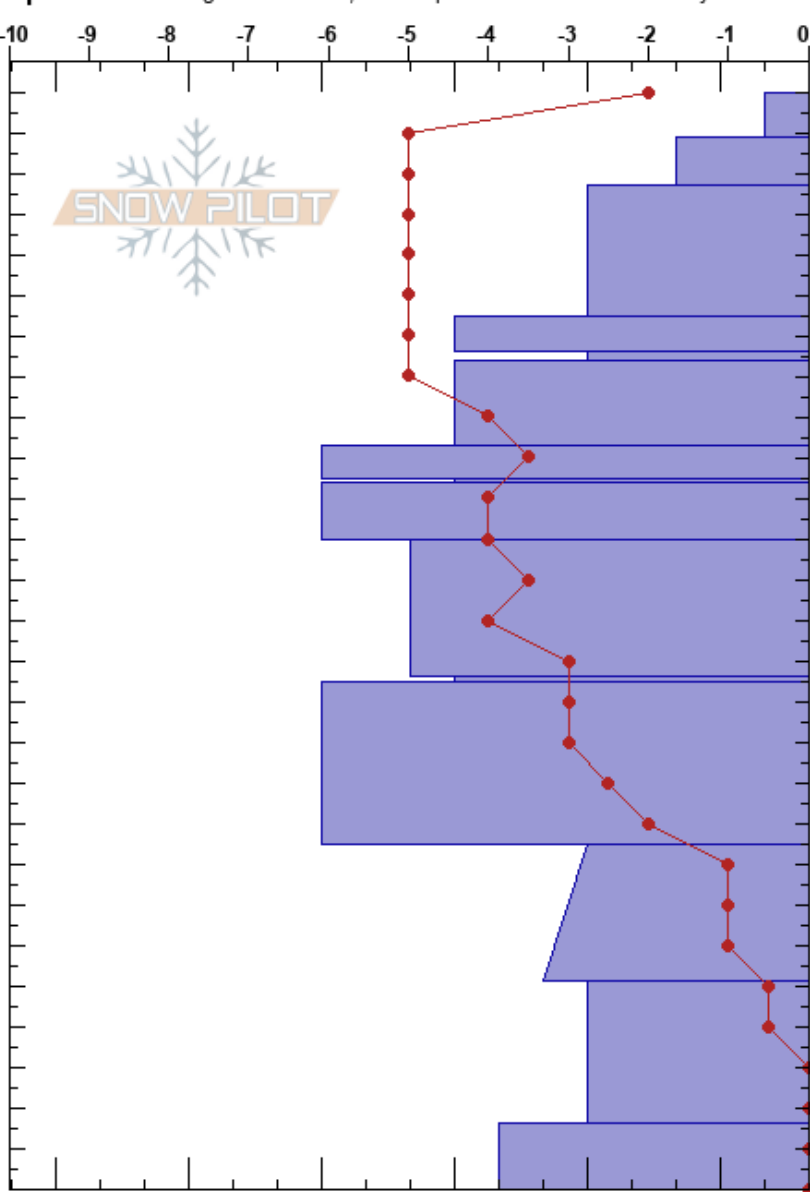
Precipitation: S-1

Wind: NW Light Breeze

Aspect: 53°

Wind Loading: no

Specifics: Pit dug in a Ski Area; Pit is representative of backcountry



Height (cm)	Crystal		Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
	Form	Size			
270	+	2			
260	+r	2	D	90	
250	/	1	D	130	
240				110	
230	/	0.5		120	← STE @229cm
220				140	
210	• (/)	0.3	D	180	
200	⊖	0.5	D	220	
190	•	0.3	D	290	
180	• (⊖)	0.3	D-M	290	183-175cm: Dirt Layer
170	• (⊖)	0.1(0.3)		330	
160	•	0.3		330	
150				340	
140	•	0.3		350	
130	⊖ (⊖)	0.5		350	
120				330	
110				370	
100	• (⊖)	0.5		380	
90				400	
80				400	
70	□	1-2		260	
60				300	
50				310	
40	□ (∧)	3(3.5)		270	
30				270	
20				300	
10	□ (∧)	3.5(5)	D	260	
0				300	

Notes: