

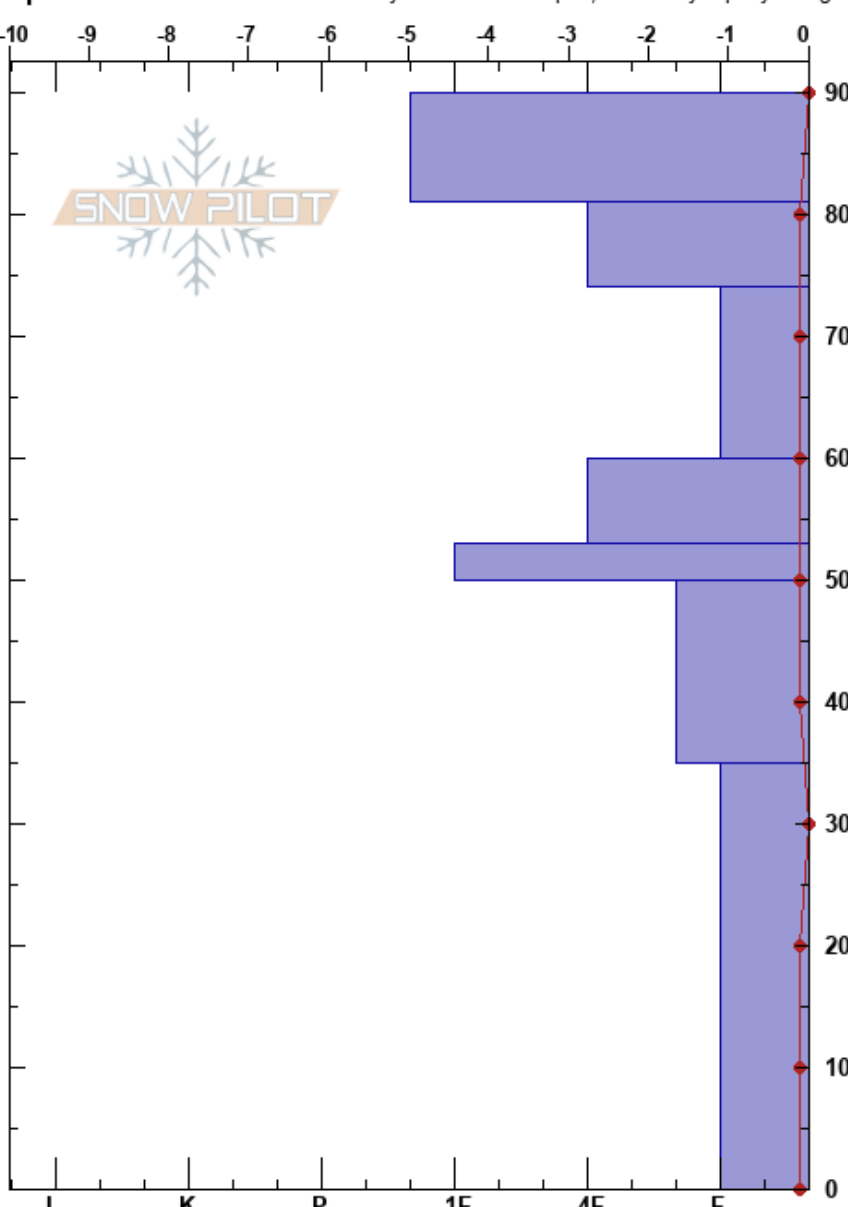
Research Site 1
 Bridger Range
 MT
Elevation: 1930 m
Aspect: 15°

McKinley Talty
 03/18/2017 - 10:30am
Co-ord: 45.84510N, -110.90279W
Slope Angle: 20°
Wind Loading:

Stability: Poor
Air Temperature: 9.8°C
Sky Cover: FEW
Precipitation: NO
Wind:

HS:90
PF: 5
 90-81cm: SWE = 31.5 mm
 81-74cm: SWE = 28.0 mm
 74-60cm: SWE = 35.0 mm
 60-53cm: SWE = 22.4 mm
 53-50cm: SWE = 7.33 mm
 [More Layer Comments below]

Specifics: Recent avalanche activity on different slopes; Instability rapidly rising



Form	Crystal		Moisture	ρ kg/m ³	Stability tests & Layer comments
	Size				
∨	1-2		M	350	90-81cm: SWE = 31.5 mm
ϕ	1-3		M	400	81-74cm: SWE = 28.0 mm
ϕ	2-3		M-W	250	74-60cm: SWE = 35.0 mm
⊖	1-2		M	320	60-53cm: SWE = 22.4 mm
⊙⊙	2		M-W	244	53-50cm: SWE = 7.33 mm
	1		M-W	280	50-35cm: SWE = 42.0 mm
				280	
∧	2-3		M-W		35-0cm: SWE = 98.0 mm

Notes: Natural signs of instability observed in the region. Natural wet avalanches could be seen, as well as "whumping" in the afternoon. Did not ski any slope.. Additional Layer Comments: 35-50cm: SWE = 42.0 mm; 0-35cm: SWE = 98.0 mm;