

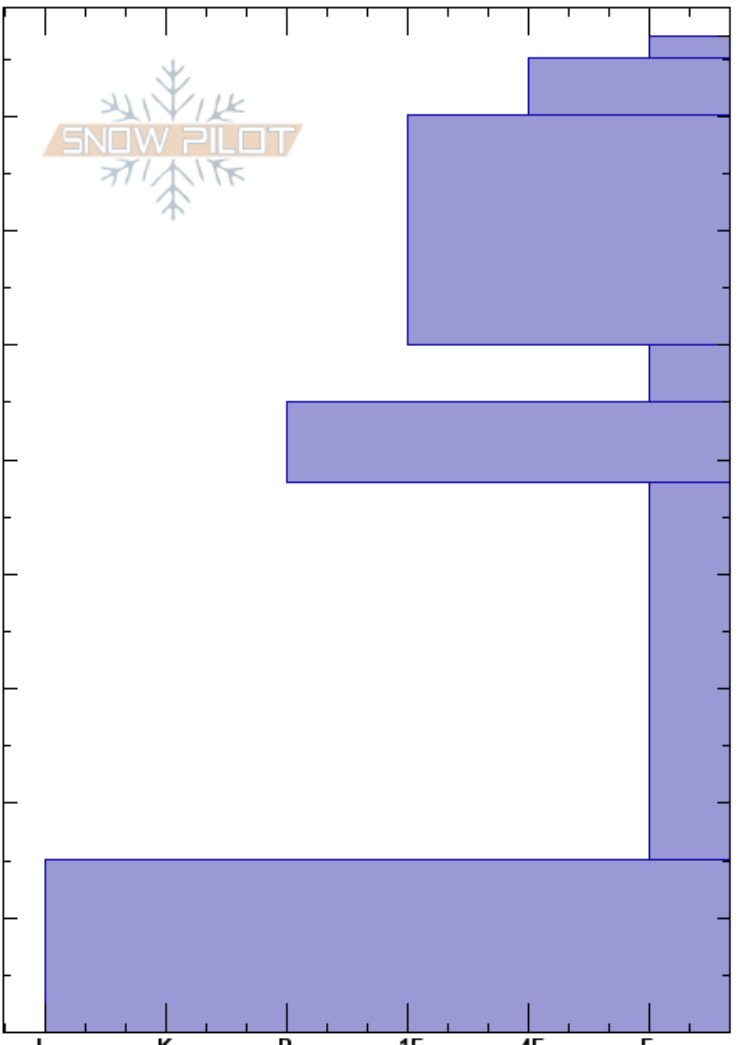
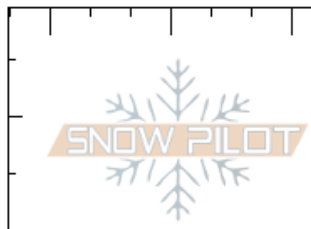
Marmot SW
 Hatcher Pass
 AK
Elevation: 3557 ft
Aspect: SW
Specifics: Pit is adjacent to avalanche: crown; Collapsing, localized; Cracking; Recent avalanche activity on similar slopes

Andy Paul
 01/07/2025 - 12:45pm
Co-ord: 06V 380926W 6850902N
Slope Angle: 35°
Wind Loading: previous

Stability: Poor
Air Temperature: -3°C
Sky Cover: BKN
Precipitation: NO
Wind: SE Light Breeze

HS:87
Layer Notes:
 60-55cm:Problematic layer

[More Pit Specifics below]



Crystal Form	Size	Moisture kg/m³	Stability tests & Layer comments
+r	2		
+ (X)	1-2		
□			
⊖			
□	1-2		ECTP11 @60cm Failed on facets ECTP15 @60cm
⊖			
^	1-3		
■			

Notes: Marmot SW 3,557' 35° HS 87cm ECTP11, ECTP15

This pit was done at a test slope that was triggered while attempting to isolate a snowpit on the second shovel load, indicating sensitivity to human trigger.

At first glance, this appeared to have a 4"-12" crown and was 50' wide by 60' down. After further investigation, it propagated over 100' wide, wrapping around to a more southerly aspect.

The failure plane was 27cm down (60cm above the ground) on 1-2mm facets below 1F to P hard wind slab.

Photos: Hatcher Pass Avalanche Center Additional Pit Specifics: Recent avalanche activity on different slopes