

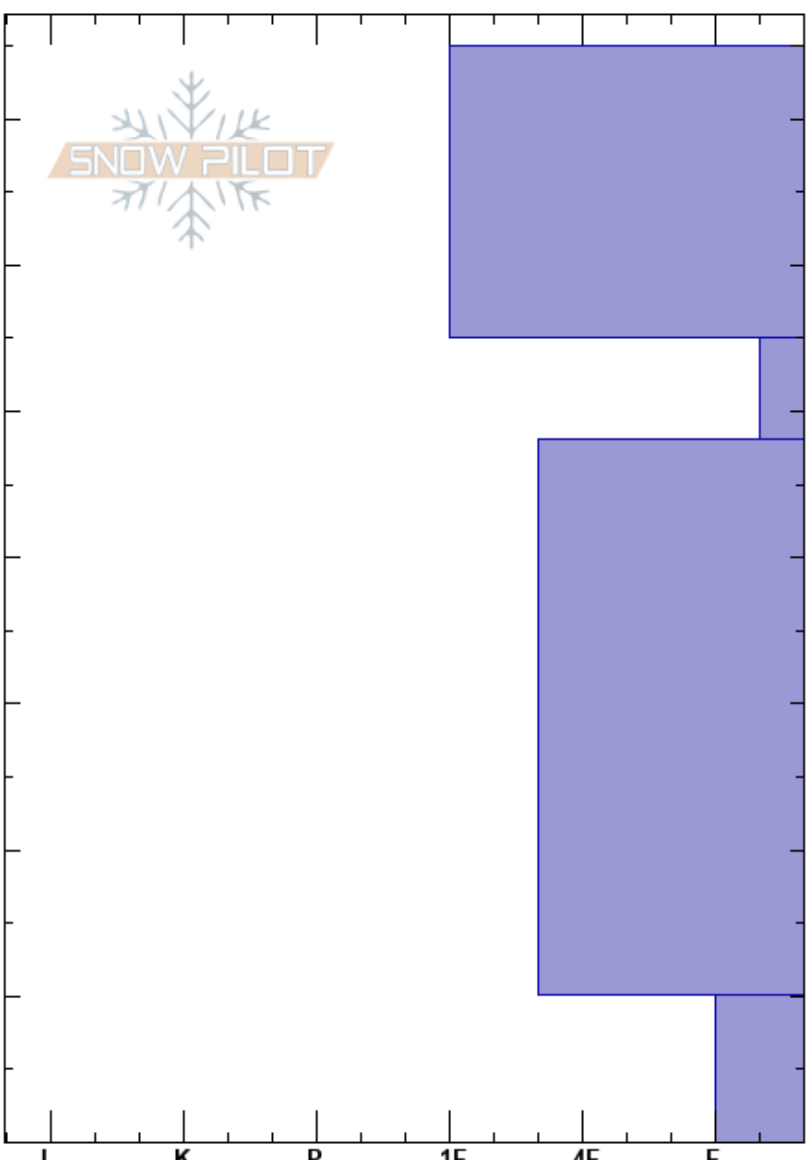
South Diamond Peak
 Front Range
 CO
Elevation: 11140 ft
Aspect: NE
Specifics: Pit dug in a Ski Area; Pit is representative of backcountry; Collapsing, localized; Cracking; Recent avalanche activity on similar slopes

Noah Sievers
 02/11/2019 - 10:00am
Co-ord: 40.51620N, -105.90160W
Slope Angle: 29°
Wind Loading: yes

Stability: Poor
Air Temperature: 18°F
Sky Cover: CLR
Precipitation: NO
Wind: W Moderate

HS: 75
PF: 40
 55-48cm: Incredibly unstable facets.
 55-48cm: Problematic layer

[More Pit Specifics below]



Crystal Form	Size	Moisture	ρ kg/m³	Stability tests & Layer comments
•			D	
□	2.5	D-M		← STE @55cm ← CTV, Q1 @55cm ← ECTP6 @55cm 55-48cm: Incredibly unstable facets.
•			D	
□	3	D-M		← ECTN16 @10cm

Notes: Clear conditions for most of the morning, temperatures ranging from 22 degrees Fahrenheit at 10,200ft, and 17 degrees Fahrenheit at and above 11,000ft. Winds blowing from the West at 15-20mph, gusts near 30mph on N/NE/E aspects. Temperatures slowly warmed to 23 degrees above treeline, with thin cirrostratus and small lenticular clouds forming to the southeast by 1200; visibility was not affected. Additional Pit Specifics: Instability rapidly rising; Ski tracks on slope