

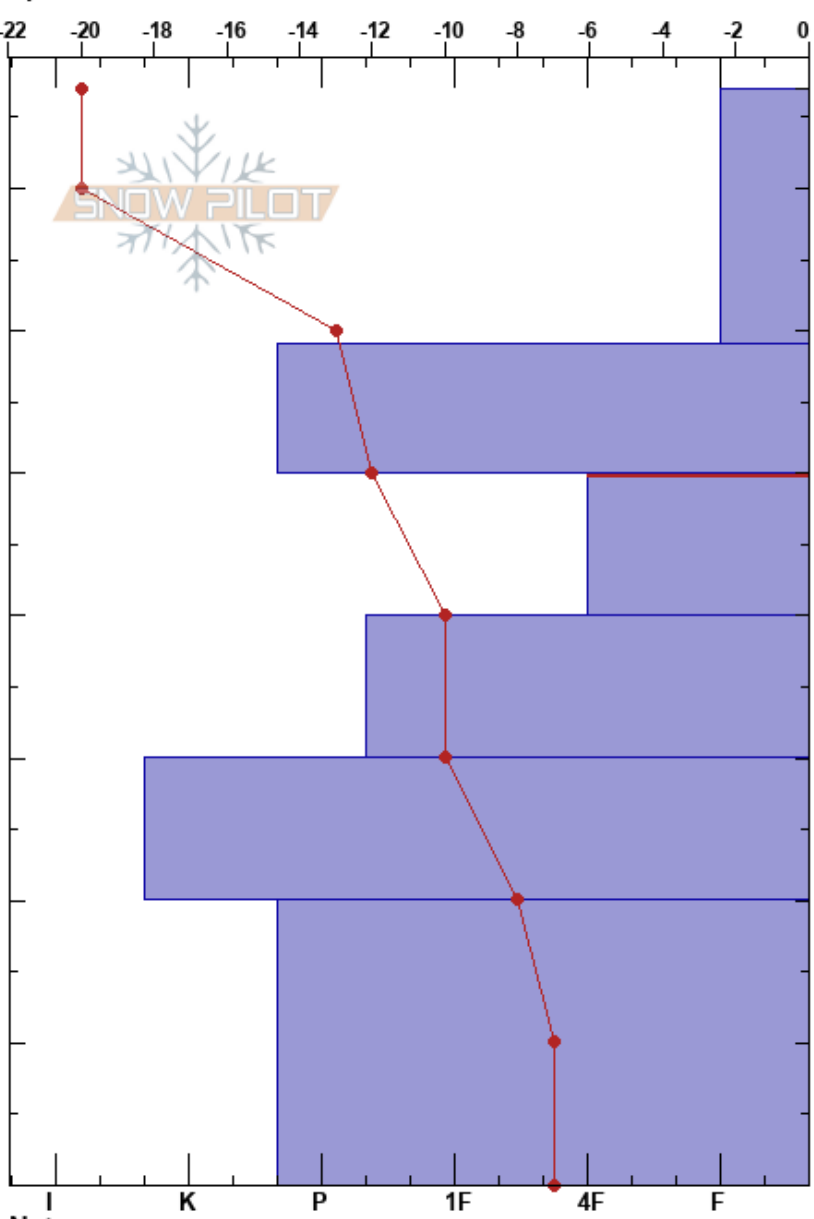
AZSB Hidden Valley  
 San Francisco Peaks  
 AZ  
**Elevation:** 11500 ft  
**Aspect:** NW

Tanner Porter  
 01/01/2019 - 3:00pm  
**Co-ord:** 35.32647N, -111.68418E  
**Slope Angle:** 30°  
**Wind Loading:** yes

**Stability:**  
**Air Temperature:** -15°C  
**Sky Cover:** SCT  
**Precipitation:** S-1  
**Wind:** NW Light Breeze

**HS:**77  
**PF:**20  
**Layer Notes:**  
 77-59cm: Most recent storm (12/31)  
 50-40cm: Problematic layer  
 40-30cm: Grains frozen together  
 30-20cm: Ice crust  
 20-0cm: Clumped depth hoar

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



Depth (cm)	Crystal		Moisture	ρ kg/m³	Stability tests & Layer comments
	Form	Size			
77					
70	* ( / )	0.5			77-59cm: Most recent storm (12/31)
60					
50	•	0.5			CT5, RP @50cm Q2, RP ECTP6 @50cm Q2, RP PST20/60 (SF) @50cm Propagated to 60, Q2 PST45/100 (End) @50cm Q2, RP
40	□ ( / )	0.5			2x STM, RP @40cm Moderate to easy CT4, RP @40cm Q2, RP, 40-30cm: Grains frozen together
30	⊠	3-5			
20	■				30-20cm: Ice crust
10	^	3-4			20-0cm: Clumped depth hoar
0					

Notes: