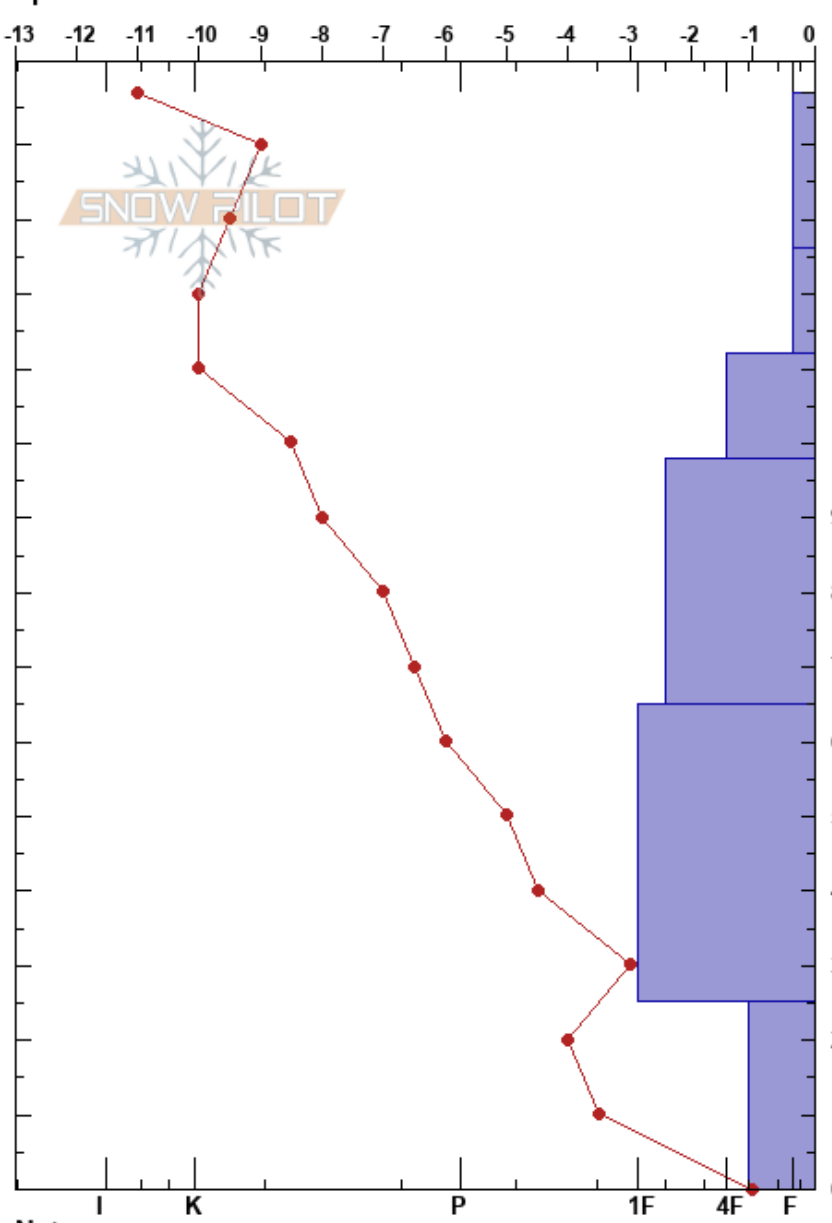


Bear Creek  
 San Juan Range  
 CO  
 Elevation: 11900 ft  
 Aspect: E  
 Specifics:

Bill Nalli  
 01/14/2020 - 12:20pm  
 Co-ord:  
 Slope Angle: 33°  
 Wind Loading: yes

Stability: **HS:147**  
 Air Temperature: -6°C  
 Sky Cover: FEW  
 Precipitation: NO  
 Wind: SW Strong

**Layer Notes:**  
 PF:90  
 PS:40  
 25-0cm: Problematic layer



Form	Crystal Size	Moisture	$\rho$ kg/m <sup>3</sup>	Stability tests & Layer comments
+	1			
/	1			← CT13, RP @126cm
☐	1.5			
☐	2			
^	3.5			← CT25, SC @10cm
				← ECTX

**Notes:** With Ryan Mathis - Telluride Ski Patrol

Structure is deteriorating. Large temperature gradient near the ground is driving faceted crystal and depth hoar growth. Currently stable but if these conditions persist, the next big load greater than 1.5-2 inches SWE in a short duration may tip the scales toward a deep slab cycle.