

Crown Profile Lulu Pas  
 Cooke City  
 MT  
 Elevation: 9984 ft  
 Aspect: 177°

Alex Marienthal  
 01/30/2020 - 1:24pm  
 Co-ord: 45.07237N, -109.95559W  
 Slope Angle: 20°  
 Wind Loading: **yes**

Stability: **Poor**  
 Air Temperature:  
 Sky Cover: **FEW**  
 Precipitation: **NO**  
 Wind: **N Moderate**

HS:142 Layer Notes:  
 105-100cm: **Avy broke here**  
 105-100cm: **Problematic layer**  
 65-63cm: **Deeper slides possible**

Specifics: Pit is adjacent to avalanche: crown; Collapsing, localized; Cracking; Recent activity on similar slopes



Notes: Triggered this avalanche while approaching low angle terrain from top of slope to dig a pit. AFr-SS-R2-D2-S. 100' wide x 70' long, Crown thick.

\*\*Lower ECTP21 on facets broke when I put shovel behind column to shear off first ECTN. Recorded as ECTP because it collapsed a extra force when shovel was placed behind column (estimated ECTP 21).\*\*

Advisory Region  
 Cooke City  
 Longitude  
 -109.96W  
 Latitude  
 45.07N

**Avalanche Details:** [Human triggered wind slab on Lulu](#)  
 Cooke City, 2020-02-02