

Henderson Ridge east  
 Cooke City  
 MT  
 Elevation: 10075 ft  
 Aspect: 55°  
 Specifics: Recent avalanche activity on similar slopes; Snowmobile tracks on slope

Alex Marienthal  
 01/16/2023 - 3:00pm  
 Co-ord: 45.04786N, -109.93989W  
 Slope Angle: 30°  
 Wind Loading: previous

Stability: Poor  
 Air Temperature:  
 Sky Cover: OVC  
 Precipitation: S1  
 Wind: W Calm

HS:260  
 PS: 20  
 Layer Notes: 199-198cm: Problematic layer



**Notes:** Recent avalanche further north on same ridgeline. R2-D2-O, 1-2+ days old. 150' wide, 250' vertical. Looked to be snowbike triggered, and likely broke layer, 1.5-2' deep. Some tracks crossed slope 150' below this pit which headed towards the avalanche, and appeared to be the trigger.

Advisory Region  
 Cooke City  
 Longitude  
 -109.95W  
 Latitude  
 45.05N  
**Avalanche Details:** [Snowmachine triggered avalanche on Henderson Cooke City, 2023-01-16](#)