

Crown Butte Fatality  
 Cooke City  
 MT  
 Elevation: 9889 ft  
 Aspect: 120°

Alex Marienthal  
 01/01/2023 - 10:45am  
 Co-ord: 45.05148N, -109.96152W  
 Slope Angle: 27°  
 Wind Loading: yes

Stability: Poor  
 Air Temperature:  
 Sky Cover: OVC  
 Precipitation: S-1  
 Wind: S Moderate

HS:144  
 PF:25  
**Layer Notes:**  
 88-85cm: Avalanche broke here  
 88-85cm: Problematic layer

**Specifics:** Pit is adjacent to avalanche: crown; Recent avalanche activity on similar slopes; Recent avalanche activity on different slopes



**Notes:** Crown profile from HS-AMu-R4-D3-O, 1 rider caught, buried and killed on 12/31/22. Crown was average 2 feet deep and maximum 4 feet deep. 500' vertical feet. More info at: <https://www.mtavalanche.com/node/27422>

Advisory Region  
 Cooke City  
 Longitude  
 -109.96W  
 Latitude  
 45.05N

**Avalanche Details:** [Snowmobiler avalanche fatality on Crown Butte](#)  
 Cooke City, 2023-01-01