

Snow Pit Profile  
**Crown Butte**  
**Beartooth, MT**  
 Elevation (ft) **9801**  
 Aspect: **272**  
 Specifics: **Avalanche Pit: crown; Snowmobile tracks on slope.**

Observer: **Mark Staples**  
**Wed Mar 12 11:00:00 MDT 2014**  
 Co-ord: **45.05286 N 109.96362 W**  
 Slope: **34**  
 Wind loading:

Stability on similar slopes:  
 Air Temperature: **C**  
 Sky Cover:  
 Precipitation:  
 Wind:

Stability Test Notes:

Layer note  
**13:27: Pro**



Notes: Right side of crown face of a fatal avalanche that occurred on Tuesday, March 11, 2014. Avalanche broke when 3 snowmobilers were on the slope and 1 was stopped. This depth hoar is the weakest snow we have seen any where this season. At this time nearby the Fisher Creek SNOTEL had 129 inches of snow. SWE and 129 inches of snow. Crown depths averaged 3 feet. Average starting zone angles were 36 degrees.

Advisory Region  
 Cooke City

Forecast link: [GNFAC Avalanche Advisory for Fri Mar 14, 2014](#)  
 Cooke City, 2014-03-12