

Snow Pit Profile  
**Palace Butte**  
**N. Gallatin, MT**  
 Elevation (ft) **9350**  
 Aspect: **54**  
 Specifics: **We skied slope.**

Observer: **Doug Chabot**  
**Mon Jan 09 13:00:00 MST 2012**  
 Co-ord: **45.41315 N 110.97962 W**  
 Slope: **26**  
 Wind loading: **no**

Stability on similar slopes: **Good**  
 Air Temperature: **C**  
 Sky Cover: **Clear**  
 Precipitation: **None**  
 Wind: **Calm**

**HS103**  
 Stability Test Notes: **0-23: Prob**  
 Layer note



Notes: The skiing was breakable crust. Yahoo! Looking at the graph it's hard to believe the stability is Good, but it would not budge in an ECT. DH at the g would not propagate. Weak snow structure, but it may need a big load to avalanche.

Advisory Region  
 Northern Gallatin

Forecast link: [GNFAC Avalanche Advisory for Tue Jan 10, 2012](#)  
 Northern Gallatin, 2012-01-10