

## Skier triggered avalanche on Mt. Blackmore

Mt Blackmore  
Northern Gallatin  
3/6/2019  
Code  
SS-ASu-R2-D1.5-I  
Aspect  
NE  
Latitude  
45.44550  
Longitude  
-111.00400  
Notes

From an email:

"I'd like to report an avalanche incident that occurred today, 3/6, around 2 PM on the NE face of Mt. Blackmore in the Hyalite Canyon area. On the approach, I dug a pit at 9400' and found a very stable and deep snowpack, with a somewhat definite [weak layer](#) in between high and medium density snow about 8" deep. The layer did not [slide](#) or propagate in an extended column pit test, so my partner and I decided to ski the direct line from the summit. I skied first, making a [ski cut](#) just below the ridge line that did not result in any sloughing. I skied the line without mishap. My partner followed, traversing onto a shallow, steep pocket, releasing the avalanche. It propagated down and out in both directions, resulting in a v-shaped crown about 100' across and 8-12" deep. The [slide](#) ran from around 9800' to 9400'. My partner was not caught and was able to traverse out and ski down safely."

Number of slides  
1  
Number caught  
0  
Number buried  
0  
Avalanche Type  
Soft slab avalanche  
Trigger  
Skier  
Trigger Modifier  
u-An unintentional release  
R size  
2  
D size  
1.5  
Bed Surface  
I - Interface between new and old snow  
Problem Type  
Persistent Weak Layer  
Slab Thickness  
10.0 inches

Vertical Fall

400ft

Slab Width

100.00ft

Images

[Skier triggered on Mt. Blackmore](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[18-19](#)