

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 [weak layer](#) between high and medium density snow about 8" deep. The layer did not slide [slide](#) 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 [ski cut](#) 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 [slide](#) 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](#)