

Snowmobile triggered wind slab Storm Castle

Storm Castle

Northern Gallatin

4/6/2023

Code

AMu-R2-D1.5-I

Aspect

E

Latitude

45.44690

Longitude

-111.07600

Notes

From obs 4/7/23: "Small [wind slab](#) triggered by snowmobile. Slope was assessed by group as wind blown before climb. No one was caught. East facing slope, Storm castle Ridge. Photo one shows [trigger point](#) where the Snowmobiler carved hard and set off the [slab](#) deeper in the snowpack"

Number of slides

1

Number caught

0

Number buried

0

Trigger

Snowmobile

Trigger Modifier

u-An unintentional release

R size

2

D size

1.5

Bed Surface

I - Interface between new and old snow

Problem Type

Wind-Drifted Snow

Slab Thickness

12.0 inches

Vertical Fall

100ft

Slab Width

75.00ft

Images

[Snowmobile triggered wind slab 1](#)

[Snowmobile triggered wind slab 2](#)

[Snowmobile triggered wind slab](#)

Snow Observation Source
[Snowmobile triggered wind slab](#)
Slab Thickness units
inches
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
[22-23](#)