

Rider Triggered Avalanche Henderson Mountain

Henderson Mountain

Cooke City

3/7/2024

Code

HS-AMu-R4-D3-O

Elevation

9900

Aspect

E

Latitude

45.05240

Longitude

-109.94500

Notes

From email: "This avalanche was triggered by a rider in our group on the 7th. The rider was midway up the slope, it broke above him right under the [cornice](#) and he successfully outrun the avy to the bottom. Right above the trail it looked the deepest at 10' to 12' deep at the peak and 6' plus further to the north."

From obs on 03/08/2024: "We rode out to the avalanche that was triggered yesterday on Henderson Mtn. It broke over 2000' wide (measured on GPS) and all the way up to the ridgeline, 6-10' deep and maybe 12-15' deep at the deepest section. There were a couple hundred feet of slope that had not [slide](#) between this one and the similarly large [slide](#) to the north last weekend. The deepest debris was probably 15-20"

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Snowmobile

Trigger Modifier

u-An unintentional release

R size

4

D size

3

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

120.0 inches

Vertical Fall

350ft

Slab Width

2000.00ft

Images

[Henderson deep debris - 8 Mar](#)

[Henderson debris - 8 Mar](#)

[Henderson crown right - 8 Mar](#)

[Henderson crown center - 8 Mar](#)

[Henderson crown left - 8 Mar](#)

[North End](#)

[South End](#)

[Rider Triggered Avalanche Henderson Mountain, 2](#)

[Rider Triggered Avalanche Henderson Mountain](#)

Attached Videos

[Avalanche on Henderson - 7 March 2024 \(from air\)](#)

Snow Observation Source

[NE aspect avalanche on Henderson](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)