

Rider Triggered Avalanche on Henderson Mountain

Henderson Mountain

Cooke City

3/2/2024

Code

HS-AMr-R3-D3-O

Aspect

E

Latitude

45.05240

Longitude

-109.94500

Notes

Riders triggered a very large avalanche on the east side of Henderson Mountain while riding across a slope below. No one was caught in the avalanche and the debris pile was estimated 20' deep in spots.

From another obs. "Watched a large avalanche come down the big Avi path on the east side of Henderson. The avalanche covered many snowmobile tracks from that afternoon. The crown varied and extended for 1,000 feet below the summit ridge. It was a huge volume of snow that reached Fisher Creek. The snowmobilers were lucky, as it was large enough to be buried deep."

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Snowmobile

Trigger Modifier

r-A remote avalanche released by the indicated trigger

R size

3

D size

3

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

60.0 inches

Vertical Fall

1500ft

Slab Width

1000.00ft

Images

[Cooke City 3.2.24](#)

[Avalanche on Henderson Mountain, 4](#)

[Avalanche on Henderson Mountain, 3](#)

[Avalanche on Henderson Mountain, 2](#)

[Avalanche on Henderson Mountain, 1](#)

Snow Observation Source

[Avalanche on Henderson Mountain](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)