# 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