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