

Snowmobile Triggered Avalanche on Buck Ridge

Buck Ridge
Northern Madison
12/17/2023
Code
HS-AM-R2-D1-O
Elevation
9400
Latitude
45.17190
Longitude
-111.38000
Notes

An avalanche along the divide between Muddy and Bear Creek. Avalanche was approximately 100 ft wide and 25 ft tall, breaking on facets just above a crust near the ground. [Slide](#) was clearly several days old, estimating it broke Friday, 12/15/23. Tracks indicate it was likely snowmobile triggered. Photo taken 12/19/23. GNFAC

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Hard slab avalanche
Trigger
Snowmobile
R size
2
D size
1
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness
18.0 inches
Vertical Fall
25ft
Slab Width
100.00ft
Weak Layer Grain type
Faceted Crystals
Weak Layer Hardness
F
Slab Layer Grain Type
Decomposing and Fragmented precipitation particles

Slab Layer Hardness

1F

Images

[Avalanche on Buck](#)

[Muddy-Bear Divide Profile - 19 Dec 2023](#)

Attached Videos

[Still Reactive, Buck Ridge - 19 Dec 2023](#)

Snow Observation Source

[Older Avalanche and Still Reactive on Buck](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)