

Three sledder triggered slides off Buck Ridge

Buck Ridge
Northern Madison
12/27/2020
Code
SS-AMu-R2-D1.5-O
Elevation
9000
Aspect
SE
Latitude
45.17190
Longitude
-111.38000
Notes

During our field work today (12/29) we noted 3 avalanches:

1. On the north of the ridge before the Yellowmule Weather Station. It was small sized, wind-loaded and broke on facets. Guessing R2, D1.5.
2. 3rd Yellowmule we saw another small [slide](#) (R1, D1.5) on a wind-loaded slope that broke on facets.
3. We saw our third [slide](#) as soon as we turned down the hill from 3rd YM to MacAtee Basin. It was small (R1, D1) and broke to the ground on facets. It was a steep hill.

All three slides were likely triggered from the bottom on Sunday (12/27), were small and did not propagate far.

Number of slides
3
Number caught
0
Number buried
0
Avalanche Type
Soft slab avalanche
Trigger
Snowmobile
Trigger Modifier
u-An unintentional release
R size
2
D size
1.5
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness

40.0 centimeters

Vertical Fall

100ft

Slab Width

100.00ft

Weak Layer Grain type

Depth Hoar

Weak Layer grain size

4.00mm

Weak Layer Hardness

F

Slab Layer Grain Type

Precipitation Particles

Slab Layer Grain Size

1.00mm

Slab Layer Hardness

4F

Images

[Buck Ridge Avalanche #3](#)

[Buck Ridge Avalanche #1](#)

[Buck Ridge Avalanche #2](#)

Attached Videos

[Avalanches on Buck Ridge, 29 Dec 2020](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[20-21](#)