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