

Remote Triggered Avalanche at Buck Ridge

Buck Ridge

Northern Madison

1/22/2024

Code

AMr-R2-D2-O

Elevation

9300

Aspect

N

Latitude

45.17190

Longitude

-111.38000

Notes

In First Yellowmule, Dave was crossing a low-angle slope and remotely triggered an avalanche in steep terrain from 750' away. This avalanche was 1-2' deep, 250' wide, and ran 200' to the meadow below. The avalanche failed on a layer of buried [surface hoar](#). At the crown, we dug a [snowpit](#) and had ECTP10 results on this layer.

Some avalanches we saw/ triggered were on wind-loaded slopes, and others were not. All steep slopes are suspect.

Number of slides

1

Number caught

0

Number buried

0

Trigger

Snowmobile

Trigger Modifier

r-A remote avalanche released by the indicated trigger

R size

2

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Weak Layer Grain type

Surface Hoar

Weak Layer grain size

6.00mm

Images

[First Yellowmule Avalanche](#)

[Crown First Yellowmule](#)

Attached Videos

[We Triggered an Avalanche - Buck Ridge - 22 January 2024](#)

Snow Observation Source

[Avalanches at Buck Ridge](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)