

Remotely Triggered Avalanches, Buck Ridge

Buck Ridge

Northern Madison

1/6/2024

Code

SS-AFr-R1-D1-I

Elevation

9400

Aspect Range

E-NE

Latitude

45.17190

Longitude

-111.38000

Notes

While approaching a test slopes riders remotely triggered two 6-12" deep wind slabs. The first was on a NE-facing slope and the second at a E-facing slope both above Muddy Creek at 9400'. The first of these broke on a layer of buried [surface hoar](#) below recent snow.

Number of slides

2

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Foot penetration

Trigger Modifier

r-A remote avalanche released by the indicated trigger

R size

1

D size

1

Bed Surface

I - Interface between new and old snow

Problem Type

Wind Slab

Slab Thickness

6.0 inches

Weak Layer Grain type

Surface Hoar

Images

[Remote triggered wind slab, Muddy Creek](#)

[Remotely Triggered Windslab, McAtee Basin](#)

[Remote triggered wind slab, Muddy Creek 2](#)

[Buried Surface Hoar, Buck Ridge](#)

Attached Videos

[Avalanches and rising danger, Buck Ridge - 6 Jan 2024](#)

Snow Observation Source

[Wind Slabs and Buried Surface Hoar](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[23-24](#)