

Snowmobile triggered on Buck Ridge

Buck Ridge

Northern Madison

3/29/2020

Code

SS-AMu-R2-D2-I

Elevation

9300

Aspect

N

Latitude

44.17440

Longitude

-111.38200

Notes

From obs (3/29/20): "This 44* slope failed 12" under the surface of the snow on a hard crust as we descended to help another stuck rider in a tree. Another layer exists 2" below the failed layer which persisted to follow me down the hill rupturing as fault lines as I continued rapidly down the hill after extracting the stuck rider. While the remaining slope only fractured without chasing me down the hill..."Photo: TJ Krob

On 3/30 forecasters saw two other different slides that broke a foot deep on [surface hoar](#) (photo).

Number of slides

2

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Snowmobile

Trigger Modifier

u-An unintentional release

R size

2

D size

2

Bed Surface

I - Interface between new and old snow

Problem Type

Persistent Weak Layer

Slab Thickness

18.0 inches

Weak Layer Grain type

Surface Hoar

Images

Snowmobiler triggered on Buck Ridge

Rider triggered slide Buck Ridge

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

19-20