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