

Natural deep slab avalanche, Flanders Mtn

Flanders Creek

Northern Gallatin

3/28/2024

Code

HS-N-R3-D3-O

Elevation

9800

Aspect Range

E-NE

Latitude

45.43600

Longitude

-110.94200

Notes

We toured up to Flanders Mtn. to take down the weather station for the season (before the road closes on Monday, Apr 1). The main observation is a big, deep 2-6' deep avalanche that broke 300-500' wide in weak snow at the bottom of the snowpack. Photos and video attached. It broke across two separate start zones and included a lower angle ridge (still around 30 degrees) in between that slid. E-NE aspect at 9,800'. HS-N-R3-D3-O.

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Natural trigger

R size

3

D size

3

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Images

[Natural deep avalanche on Flanders, debris](#)

[Natural deep avalanche on Flanders, midslope debris](#)

[Natural deep avalanche on Flanders, view from debris toe](#)

[Natural deep avalanche on Flanders, from ridge](#)

[Natural deep avalanche on Flanders, crown from distance](#)

Attached Videos

[Natural 2-6' deep avalanche, Flanders - 30 Mar 2024](#)

Snow Observation Source

[Natural deep slab avalanche](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)