

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](#)