

# 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](#)