

## Snowmobile triggered 3-5' deep hard slab at Lionhead

Targhee Creek  
Lionhead Range  
2/28/2025  
Code  
HS-AMu-R4-D3-O  
Elevation  
9200  
Aspect  
N  
Latitude  
44.74130  
Longitude  
-111.37400  
Notes

A rider triggered a huge avalanche in the uppermost reaches of Targhee creek. We discovered it on our way out. The best we could tell looking at their tracks was that they had no idea they triggered it, even though part of their tracks were swept away.

Number of slides  
1  
Number caught  
0  
Number buried  
0  
Avalanche Type  
Hard slab avalanche  
Trigger  
Snowmobile  
Trigger Modifier  
u-An unintentional release  
R size  
4  
D size  
3  
Bed Surface  
O - Old snow  
Problem Type  
Persistent Slab  
Slab Thickness  
48.0 inches  
Vertical Fall  
200ft  
Slab Width  
200.00ft

Weak Layer Grain type

Faceted Crystals

Weak Layer grain size

2.50mm

Images

[Targhee creek crown profile - 28 Feb 2025](#)

[Tracks going out](#)

[Tracks going in](#)

[Targhee Crk sled triggered avalanche](#)

Attached Videos

[Avalanches at Lionhead](#)

Snow Observation Source

[Avalanches at Lionhead](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[24-25](#)