

# Natural Avalanche Ski Hill

Ski Hill  
Lionhead Range  
1/21/2024  
Code  
SS-N-R2-D2-O  
Elevation  
7950  
Aspect  
E  
Latitude  
44.70160  
Longitude  
-111.29300  
Notes

A natural avalanche broke on January 21 on Brady's Slope on Ski Hill. Walking to look at the avalanche, we triggered a large [collapse](#) and shooting cracks. We dug a pit nearby and got very unstable test results (ECTP4) on a layer of 15-20 mm [surface hoar](#) buried 18" deep. Avalanche width and vertical fall were estimated based on Google Earth measurements.

Number of slides  
1  
Number caught  
0  
Number buried  
0  
Avalanche Type  
Soft slab avalanche  
Trigger  
Natural trigger  
R size  
2  
D size  
2  
Bed Surface  
O - Old snow  
Problem Type  
Persistent Weak Layer  
Slab Thickness  
18.0 inches  
Vertical Fall  
300ft  
Slab Width  
200.00ft  
Weak Layer Grain type  
Surface hoar crystals  
Weak Layer grain size

15.00mm

Weak Layer Hardness

F-

Slab Layer Grain Type

Precipitation Particles

Images

[Natural Avalanche Ski Hill](#)

Attached Videos

[Avalanches Very Likely at Lionhead - 21 January 2024](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)