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