

## Remotely triggered an avalanche, Mt. Jefferson

Mt Jefferson Bowl

Island Park

2/7/2023

Code

SS-AFc-R2-D1-O

Elevation

9000

Aspect

E

Latitude

44.56580

Longitude

-111.50000

Notes

We rode up Yale Creek and into Mt Jefferson Bowl. Walking to the edge we triggered an avalanche (intentional) on a slope that was getting wind-loaded. It broke up to 1.5 feet deep, 250 feet wide and 50 feet vertical. The new wind drifts were sensitive to triggering and the slabs propagated wide. Weak layers at the old snow surface may have helped us remotely [trigger](#) the slope. The two things to look out for in the Centennials are [weak layer](#) of sugary snow or feathery [surface hoar](#) in the upper 3 feet of the snowpack and slopes that are freshly wind-loaded.

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Foot penetration

Trigger Modifier

c-A controlled or intentional release by the indicated trigger

R size

2

D size

1

Bed Surface

O - Old snow

Problem Type

Wind-Drifted Snow

Slab Thickness

18.0 inches

Vertical Fall

50ft

Slab Width

250.00ft

Slab Layer Grain Type

Wind Broken precipitation particles

Slab Layer Hardness

1F-

Images

[Cracks shot out from my feet and triggered the avalanche on steeper slopes.](#)

[The avalanche was remotely triggered as we walked to the edge.](#)

Attached Videos

[We Triggered an Avalanche - Island Park - 7 February 2023](#)

Snow Observation Source

[Remotely triggered an avalanche, Mt. Jefferson](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[22-23](#)