

Avalanches and remote trigger, Lionhead

Lionhead Ridge

Lionhead Range

1/31/2023

Code

HS-AMr-R3-D1.5-I

Elevation

8900

Aspect

NE

Latitude

44.72960

Longitude

-111.32000

Notes

As we rode into Lionhead we saw many slides that either ran naturally or from [cornice](#) falls (separate avalanche log record). Most of the slides happened Fri or Sat. Winds are blowing strong at all aspects and elevations. Slopes are being loaded further and we triggered a small [slide](#) (video) from 50 feet away (aka remotely triggered). This is a serious sign of instability and we were careful to not get on or underneath avalanche terrain.

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Snowmobile

Trigger Modifier

r-A remote avalanche released by the indicated trigger

R size

3

D size

1.5

Bed Surface

I - Interface between new and old snow

Problem Type

New Snow

Slab Thickness

18.0 inches

Vertical Fall

10ft

Slab Width

60.00ft

Images

[The cornice that triggered the slide.](#)

[Cornice triggered avalanche off Lionhead Ridge.](#)

[Avalanche triggered remotely from 50 feet away.](#)

Attached Videos

[Notch it back, Lionhead - 31 Jan](#)

Snow Observation Source

[Avalanches and remote trigger](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[22-23](#)