

Remotely triggered avalanche Lionhead

Lionhead Ridge

Lionhead Range

2/16/2024

Code

HS-AMr-R3-D2-O

Elevation

8900

Aspect

N

Latitude

44.71450

Longitude

-111.31800

Notes

On 2/16/24 we saw a fresh avalanche in Watkins Creek that we think was triggered remotely during the day by a group riding in a flat meadow above, where we saw their tracks at least 150 feet away (photo). This [slide](#) was 2-3' deep and 100-150' feet wide, breaking on old sugary snow. HS-R3/4-D2-O. We rode along the flat terrain above the avalanche and could feel our sled tracks punch through the supportable [slab](#) into weak snow at the bottom of the snowpack.

We felt a couple collapses while sitting on our sleds, and saw a couple long shooting cracks while riding. We dug a [snowpit](#) in Targhee creek on a northwest facing slope at 9,435'. We had an ECTP27 below a 2.5' deep [slab](#), sitting on 1.5' of weak sugary snow.

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

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

32.0 inches

Vertical Fall

200ft

Slab Width

150.00ft

Images

[Remotely triggered large avalanche, Lionhead](#)

Snow Observation Source

[Fresh avalanche and many recent avalanches](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)