

Surface hoar slide

Hebgen Lake

Lionhead Range

1/15/2023

Code

SS-AS-R1-D1.5-O

Elevation

9000

Aspect

NW

Latitude

44.82560

Longitude

-111.31100

Notes

From Obs: "[Ski cut](#) sent a [slide](#) that failed on the known-to-be-reactive buried [surface hoar](#) layer . Avalanche broke around 12-14" deep, 100' wide and ran around 100 yards. It was extremely sensitive.

We had skied a similar angle/[aspect](#) slope earlier and didn't get any reactivity. Occurred around 9000' on NW slope.~ 32 degrees. We did this 2 times on what we thought to be low angle slopes. ended up skiing down a low angle ridge line. The buried hoar isn't everywhere but it's touchy when found."

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Skier

R size

1

D size

1.5

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

13.0 inches

Slab Width

100.00ft

Weak Layer Grain type

Surface hoar crystals

Images

[Skier Triggered Avalanche near Hebgen](#)

Snow Observation Source

[Surface hoar slide](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[22-23](#)