

Large Collapse at Lionhead

LIONHEAD AREA

Lionhead Range

1/12/2025

Code

Latitude

44.72920

Longitude

-111.32300

Notes

We rode below Lionhead Ridge via Denny Creek and found a snowpack with the worst structure we've seen in our forecast area. There was around 3 feet of snow on the ground between 8000-9000'. The bottom foot was sugary weak facets, and the upper snowpack was a supportable hard [slab](#) with new snow on top (profile attached).

We had two large collapses. The most significant [collapse](#) happened when we were leaving our [snowpit](#) and walking back to our sleds a few feet away. We heard a long "whumph" sound and saw our snowmobiles drop an inch, as the snowpack on the entire slope around us collapsed. Our [snowpit](#) had ECTP23 x2 breaking on the sugary [weak layer](#).

Number of slides

0

Number caught

0

Number buried

0

Problem Type

Persistent Slab

Snow Observation Source

[Collapsing and bad snow structure](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Red Flag

Advisory Year

[24-25](#)