

Collapsing and natural avalanches at Quake Lake

Quake Lake

Southern Madison

4/1/2020

Code

SS-N-I

Elevation

9600

Aspect Range

E and N/NW

Latitude

44.85240

Longitude

-111.39200

Notes

"I skied near Quake Lake today, and observed several signs that the snowpack has not adjusted to this last storm yet. While ascending, several drifts collapsed under my weight, and I observed a very recent natural [slide](#) on a wind-loaded, east facing slope at about 9200'. I saw another, larger natural [slide](#) on a wind-loaded N/NW slope at 9600' that looked to have run on the new/old interface sometime late yesterday. I dug a pit on a south [aspect](#) at 9900', and found a thin layer of [graupel](#) on top of a crust 35cm down. This failed at ECTP3, which was a little hair-raising. The rest of the pack on that [aspect](#) seemed to be fairly well consolidated..."

Number of slides

2

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Natural trigger

Bed Surface

I - Interface between new and old snow

Problem Type

Wind-Drifted Snow

Slab Thickness

35.0 centimeters

Weak Layer Grain type

Graupe

Images

[Natural avalanche at Quake Lake](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

