

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

