

# 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

