

## Rivers of loose snow avalanches in Flanders Drainage

Flanders Creek  
Northern Gallatin  
11/16/2019  
Code  
L-N-I  
Elevation  
9500  
Aspect  
E  
Latitude  
45.44020  
Longitude  
-110.93100  
Notes

From Doug Chabot:

I went ice climbing in Flanders and got hit with a [graupel](#) storm (0830) which avalanched off the climbs on east-facing slopes for over an hour. It was pretty spectacular and we found knee deep [graupel](#) (small, ball-bearing like grains) 200 vertical feet from the bottom of the cliffs. The climbs that we saw this on were Big Sleep, Bobo Like and Killer Pillar. The snow appears to be sliding on a razor thin ice crust under the 3" of new snow that fell last night, which was dense (estimated 15%).

I dug a hand pit to the ground and found 2' of mostly solid snow (no obvious facets) with a couple ice crusts in the upper third. A CT cut with a ski pole yielded no fractures. Elevation 8,000', east [aspect](#).

Number caught  
0  
Number buried  
0  
Avalanche Type  
Loose-snow avalanche  
Trigger  
Natural trigger  
Bed Surface  
I - Interface between new and old snow  
Problem Type  
Loose Dry  
Slab Thickness units  
centimeters  
Single / Multiple / Red Flag  
Multiple Avalanches  
Advisory Year  
[19-20](#)