

## Remote Triggered at Sunlight Basin (Taylor Fork)

Sunlight Basin  
Southern Madison  
1/27/2019  
Code  
SS-AFr-R2-D2-O  
Elevation  
9500  
Aspect  
SE  
Aspect Range  
E-SE  
Latitude  
44.97560  
Longitude  
-111.31300  
Notes

We triggered these avalanches remotely, about 50 feet above the crown up on the ridge. Each crown was 1-2' deep, 100' wide, and both slides ran between 200 and 300 vertical feet through trees and cliffs. The slides failed on a 40 cm thick layer of [depth hoar](#) which composed half of the snowpack. Photo: GNFAC

Multiple Avalanches  
Number of slides  
2  
Number caught  
0  
Number buried  
0  
Number killed  
0  
Avalanche Type  
Soft slab avalanche  
Trigger  
Foot penetration  
Trigger Modifier  
r-A remote avalanche released by the indicated trigger  
R size  
2  
D size  
2  
Bed Surface  
O - Old snow  
Problem Type  
Persistent Weak Layer  
Slab Thickness  
18.0 centimeters  
Vertical Fall

300ft

Slab Width

100.00ft

Weak Layer Grain type

Large striated crystals

Weak Layer grain size

4.00mm

Weak Layer Hardness

F-

Slab Layer Grain Type

Decomposing and Fragmented precipitation particles

Slab Layer Hardness

F+

Images

[Sunlight Basin Avalanche \(3\)](#)

[Sunlight Basin Avalanche \(2\)](#)

[Sunlight Basin Avalanche \(1\)](#)

Attached Videos

[Remotely Triggered Avalanche, Taylor Fork - 27 Jan 2019](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[18-19](#)