

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](#)