

Remote Triggered Avalanches, Taylor Fork

Taylor Fork
Southern Madison
1/11/2024
Code
SS-AFr-R1-D1.5-O
Elevation
9500
Aspect
E
Latitude
45.06070
Longitude
-111.27200
Notes

From Obs: "At Sunlight Basin, we remotely triggered an avalanche while walking on the flat ridge above a wind-loaded slope. The avalanche broke below a 12" deep [slab](#) with 1.5" of [snow water equivalent](#) in the [slab](#), and it failed on a layer of large (1-1.5cm) [surface hoar](#)."

Number of slides
2
Number caught
0
Number buried
0
Avalanche Type
Soft slab avalanche
Trigger
Foot penetration
Trigger Modifier
r-A remote avalanche released by the indicated trigger
R size
1
D size
1.5
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness
12.0 inches
Vertical Fall
150ft
Slab Width
50.00ft
Weak Layer Grain type
Surface Hoar

Weak Layer grain size

15.00mm

Weak Layer Hardness

F+

Slab Layer Grain Type

Wind Broken precipitation particles

Slab Layer Hardness

4F+

Images

[Sunlight Basin Crown Profile - 11 Jan 2024](#)

[Cracks near trigger point, Sunlight Basin](#)

[Remotely triggered small slope \(Jan 11\)](#)

[Remote triggered slide in Sunlight, crown 3](#)

[Remote triggered slide in Sunlight, crown 2](#)

[Remote triggered slide in Sunlight, crown](#)

[Remote triggered slide in Sunlight, debris](#)

Attached Videos

[Remotely Triggered Avalanche, Taylor Fork - 11 Jan 2024](#)

Snow Observation Source

[Remote triggered avalanches, lots of cracking](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[23-24](#)