

Large natural avalanche in Sunlight Basin

Sunlight Basin

Southern Madison

3/20/2022

Code

SS-Nu-R2-D2.5-O

Elevation

9000

Aspect

N

Latitude

44.97310

Longitude

-111.31000

Notes

This natural avalanche likely released during or immediately after the storm on March 20 that dropped almost a foot of new snow. Wind-[loading](#) caused the [slab](#) over the weak [faceted snow](#) to break 500 feet wide.

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Natural trigger

Trigger Modifier

u-An unintentional release

R size

2

D size

2.5

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

100.0 centimeters

Vertical Fall

500ft

Slab Width

500.00ft

Weak Layer Grain type

Faceted Crystals

Images

[Sunlight Basin Avalanche 3](#)

[Sunlight Basin Avalanche 2](#)

[Sunlight Basin Avalanche 1](#)

Attached Videos

[Sunlight Basin Avalanche - 22 March](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[21-22](#)