

Rider-Triggered Avalanche SW face of Sheep Mountain

Sheep Mountain

Cooke City

2/6/2022

Code

SS-AMu-R2-D2-O

Elevation

9900

Aspect

SW

Latitude

45.07220

Longitude

-109.92800

Notes

From Obs: "On the morning of Sunday February 6, a snowmobiler triggered a [slide](#) in new snow on the SW face of Sheep Mountain. The [slide](#) triggered remotely while the rider was lower on the slope and he was not caught (the visible [track](#) is not from the rider who triggered the [slide](#), his [track](#) was buried in the debris field). The crown was about 18" deep and 75 feet wide and the [slide](#) and the [slide](#) ran about 250 feet."

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Snowmobile

Trigger Modifier

u-An unintentional release

R size

2

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

18.0 inches

Vertical Fall

250ft

Slab Width

75.00ft

Weak Layer Grain type

Faceted Crystals

Weak Layer grain size

1.50mm

Weak Layer Hardness

F

Slab Layer Grain Type

Precipitation Particles

Images

[Sheep Avalanche Profile - 7 Feb 2022](#)

[Rider-Triggered Avalanche SW face of Sheep Mountain](#)

Attached Videos

[Recent Avalanches, Unstable Snow, Cooke - 7 Feb 2022](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[21-22](#)