

Rider/skier triggered avalanche

Sheep Mountain

Cooke City

5/1/2024

Code

SS-ASu-R2-D1.5-I

Elevation

9500

Aspect

NE

Latitude

45.07220

Longitude

-109.92800

Notes

From email 5/1/24: "Hi crew. I triggered a [soft slab avalanche](#) on the North side of Sheep Mountain today. D1.5 200' wide ran 200'. Crown was 6-12" deep. I was able to ride out of it and anchor in a safe spot.

It broke on our 7th lap and we had seen no signs of instability prior to the avalanche but [wind loading](#) was occurring and obvious. The avalanche broke and on a dirty crust that formed during a rain event last week."

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Skier

Trigger Modifier

u-An unintentional release

R size

2

D size

1.5

Bed Surface

I - Interface between new and old snow

Problem Type

Wind-Drifted Snow

Slab Thickness

10.0 inches

Slab Width

200.00ft

Images

[Rider/skier triggered avalanche near Cooke](#)

Snow Observation Source

Rider/skier triggered avalanche

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

23-24