

Skier triggered avalanche NE of Cooke City

Zimmer Creek

Cooke City

12/22/2020

Code

SS-ASu-R3-D2-I

Elevation

9800

Aspect

E

Latitude

45.09990

Longitude

-109.88400

Notes

A skier triggered a low angled slope (29-30 deg). It was new snow that failed on a layer of [graupel](#). Crown was 6" to 2' at its deepest. Broke 400' wide, maybe 200' vert. The skier triggered the [slide](#) on descent and was not aware of the avalanche until he stopped at the bottom of the run. Skier had a partner, rescue gear and was not caught.

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

3

D size

2

Bed Surface

I - Interface between new and old snow

Problem Type

New Snow

Slab Thickness

30.0 centimeters

Vertical Fall

200ft

Slab Width

400.00ft

Weak Layer Grain type

Graupe

Attached Videos

[Skier triggered avalanche, Cooke](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[20-21](#)