

## Skier triggered Soft Slab Avalanche in Goose Creek

Goose Creek

Cooke City

3/1/2022

Code

SS-ASu-R2-D1.5-O

Latitude

45.09230

Longitude

-109.95100

Notes

From Obs: "A group of six of us were sled-skiing in Goose Creek today and I triggered a soft-[slab](#) avalanche on a wind loaded slope. We had skied 3-4 runs in the trees before lunch and had seen little to no signs of instability. We'd come to this area three days earlier to dig pits and found the PWL noted in avalanche report for Cooke City. There was an older crown about ~5 days old clearly visible in the bowl we decided to ski after lunch. I dropped in and skied off a cliff just to lookers left of the crown "triangle" and when I landed I triggered the avalanche. It broke roughly 60 feet wide with a crown depth of 12-16". I was able to self arrest less than 20 seconds after the avalanche started and the snow slid around me. I lost a ski but was otherwise unharmed. I also had an airbag but did not need to pull it."

Number of slides

1

Number caught

1

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

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

16.0 inches

Slab Width

60.00ft

Weak Layer Grain type

Faceted Crystals

Images

Crown of Skier Triggered Avalanche in Goose Creek

Skier Triggered Avalanche Goose Creek

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

21-22