

Snowmobile triggered slide, Crown Butte

Crown Butte

Cooke City

3/11/2023

Code

HS-AMu-R3-D2-O

Elevation

9600

Aspect

SW

Latitude

45.05250

Longitude

-109.96200

Notes

From FB message: "triggered this today (3/11/23) in Cooke City south side of Crown Butte."

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Snowmobile

Trigger Modifier

u-An unintentional release

R size

3

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

24.0 inches

Vertical Fall

150ft

Slab Width

150.00ft

Weak Layer Grain type

Surface Hoar

Weak Layer grain size

4.00mm

Weak Layer Hardness

F

Slab Layer Grain Type

Rounded Grains

Slab Layer Grain Size

1.00mm

Slab Layer Hardness

P

Images

[Snowmobile triggered on Crown Butte, SW aspect, 9600'](#)

[Snowmobile triggered slide, Crown Butte](#)

Attached Videos

[Big Avalanches near Cooke City - 12 Mar 2023](#)

Snow Observation Source

[Snowmobile triggered slide, Crown Butte](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[22-23](#)