

# Large Snowmobiler Triggered Avalanche, Cooke City

Scotch Bonnet

Cooke City

2/16/2024

Code

HS-AM-R3-D3-O

Elevation

10200

Aspect

N

Latitude

45.07350

Longitude

-109.94500

Notes

A rider on 02/16/2024 triggered a large avalanche on the north side of Scotch Bonnet. Skiers nearby noted that they saw riders on and below the slope but did not see that avalanche happen.

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Snowmobile

R size

3

D size

3

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

60.0 inches

Vertical Fall

1000ft

Slab Width

400.00ft

Images

[Rider triggered slide, Scotch Bonnet, Feb 16](#)

[Double Crown on Scotch Bonnet Avalanche](#)

[Debris Pile from Large Avalanche on Scotch Bonnet](#)

[Rider Triggered Avalanche Scotch Bonnet](#)

[Scotch Bonnet Slide](#)

Attached Videos

[Large Avalanche on Scotch Bonnet](#)

Snow Observation Source

[Avalanche Activity Cooke City](#)

[Large Snowmobile triggered Slide](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)