

Remote Triggered Avalanche on Miller Ridge, Cooke City

Miller Mtn.

Cooke City

1/12/2024

Code

SS-ASr-R3-D2-O

Elevation

9000

Aspect

E

Latitude

45.04570

Longitude

-109.97000

Notes

From Obs: "Broke loose a [slide](#) just below the radio tower standing above the crown. Broke about 30 cm down on a layer of weak snow."

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Skier

Trigger Modifier

r-A remote avalanche released by the indicated trigger

R size

3

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

18.0 inches

Vertical Fall

100ft

Slab Width

75.00ft

Weak Layer Grain type

Faceted Crystals

Weak Layer grain size

1.50mm

Weak Layer Hardness

F-

Images

[Radio Tower Crown Profile - Jan 13th, 2024](#)

[Miller Avalanche 3](#)

[Miller Avalanche 2](#)

[Miller Avalanche 1](#)

Snow Observation Source

[Avalanche on Miller](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)