

Skier Triggered Avalanche Mt. Ellis

Mt Ellis

Northern Gallatin

1/27/2019

Code

SS-ASu-R2-D2-O

Elevation

7500

Aspect

NE

Latitude

45.58290

Longitude

-110.95400

Notes

Skiers triggered this avalanche in dense trees while ascending Mt. Ellis. From the email: "While subsequently skiing up through dense trees climbing to the north to attempt to reach the mid section of the going-home chute, a medium-size bowl-shaped opening in the trees released a soft [slab](#) just as we were entering the opening. The crown was ~24" deep and ~80-100' across. Total snow depth in that area was less than three feet. The avalanche ran probably 500 vertical feet down a shallow gully. Neither my partner nor I were caught but way too close for comfort."

Number of slides

1

Number caught

0

Number buried

0

Number killed

0

Avalanche Type

Soft slab avalanche

Trigger

Skier

Trigger Modifier

u-An unintentional release

R size

2

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

24.0 inches

Vertical Fall

500ft

Slab Width

100.00ft

Images

[Skier Triggered Avalanche Mt. Ellis \(3\)](#)

[Skier Triggered Avalanche Mt. Ellis \(2\)](#)

[Skier Triggered Avalanche Mt. Ellis \(1\)](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[18-19](#)