

Skier Triggered Avalanche in Middle Basin

Middle Basin

Northern Madison

1/5/2019

Code

SS-ASu-R3-D2-O

Elevation

9400

Aspect

E

Latitude

45.33320

Longitude

-111.38300

Notes

We found this fresh skier triggered avalanche in Middle Basin today 1/5/19. East [aspect](#). 9,400' elev. It broke 1-2' deep on weak, sugary facets. We had stable results in our [stability](#) tests (so did another group nearby), but this [slide](#) and recent reports of collapsing in the area indicate an untrustworthy and unstable, poor snowpack structure.

This avalanche was triggered by the second skier down the slope. Nobody was caught.

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Skier

Trigger Modifier

u-An unintentional release

R size

3

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

16.0 inches

Vertical Fall

75ft

Slab Width

35.00ft

Weak Layer Grain type

Depth Hoar

Weak Layer grain size

3.00mm

Weak Layer Hardness

F-

Slab Layer Grain Type

Decomposing and Fragmented precipitation particles

Slab Layer Hardness

4F

Images

[Skier Triggered Avalanche in Middle Basin debris](#)

[Skier Triggered Avalanche in Middle Basin 2](#)

[Skier Triggered Avalanche in Middle Basin Crown 2](#)

[Skier Triggered Avalanche in Middle Basin Crown](#)

[Skier Triggered Avalanche in Middle Basin](#)

Attached Videos

[Skier Triggered Avalanche, Middle Basin - 5 Jan 2019](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[18-19](#)