

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](#)