

## 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](#)