

## Ski cut triggered avalanche at Big Sky Resort

Big Sky Resort  
Northern Madison  
12/8/2023  
Code  
HS-ASc-R1-D2-O  
Aspect  
E  
Latitude  
45.27600  
Longitude  
-111.43600  
Notes

Big Sky Ski Patrol intentionally [ski cut](#) an avalanche breaking on the weak snow near the ground during avalanche mitigation work on 12/8/23.

From email: "[An avalanche] released on a [ski cut](#), breaking on facets above a basal crust, easterly [aspect](#), just below tree line."

Number of slides  
1  
Number caught  
0  
Number buried  
0  
Avalanche Type  
Hard slab avalanche  
Trigger  
Skier  
Trigger Modifier  
c-A controlled or intentional release by the indicated trigger  
R size  
1  
D size  
2  
Bed Surface  
O - Old snow  
Problem Type  
Persistent Weak Layer  
Slab Thickness  
24.0 inches  
Vertical Fall  
100ft  
Slab Width  
50.00ft  
Images  
[Ski cut triggered avalanche](#)

Snow Observation Source  
[Ski cut triggered avalanche](#)  
Slab Thickness units  
inches  
Single / Multiple / Red Flag  
Single Avalanche  
Advisory Year  
[23-24](#)