

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](#)