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 $\underline{\text{ski cut}}$ 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 <u>ski cut</u>, breaking on facets above a basal crust, easterly <u>aspect</u>, 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