

Explosive triggered avalanche at Y.C. on persistent weak layer

Yellowstone Club
Northern Madison
12/16/2018
Code
SS-ABc-R3-D2-G
Elevation
8400
Aspect
NE
Latitude
45.24250
Longitude
-111.42900
Notes

Ski patrol triggered this avalanche at the Yellowstone Club on Sunday (12/16). "8400', ENE facing, 36deg start zone that was about 120' wide and ran vertically 200'. The crown was 1.5-2', went to ground, and was a mostly faceted snowpack with a bit of wind effected snow in the top few inches. The [slide](#) was released from a 4lb air blast." -YCSP

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Soft slab avalanche
Trigger
An explosive detonated above the snow surface (air blast)
Trigger Modifier
c-A controlled or intentional release by the indicated trigger
R size
3
D size
2
Bed Surface
G - Ground
Problem Type
Persistent Weak Layer
Slab Thickness
24.0 inches
Vertical Fall
200ft
Slab Width
120.00ft
Weak Layer Grain type

Faceted Crystals

Slab Layer Grain Type

Wind packed

Images

[Explosive triggered avalanche at Y.C., debris](#)

[Explosive triggered avalanche at Y.C., crown](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[18-19](#)