

## Explosive triggered hard slabs at Big Sky

Big Sky Resort  
Northern Madison  
11/22/2022  
Code  
HS-AEc-R2-D2-O  
Elevation  
9000  
Aspect  
E  
Latitude  
45.28620  
Longitude  
-111.43000  
Notes

Triggered with 4lbs, after they were not affected by 2lbs shots yesterday. The crowns were in the 12" range and hard slabs. The [weak layer](#) is subtle-trapped lower density (but still 4F) above the crust, with tiny facets mixed with rounds. The slides were not running directly on the crust, but just above, leaving 2-3 cm's behind on top of the crust.

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

An explosive thrown or placed on or under the snow surface by hand

Trigger Modifier

c-A controlled or intentional release by the indicated trigger

R size

2

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Weak Layer Hardness

4F

Images

[Explosive triggered avalanches at Big Sky 2](#)

[Explosive triggered avalanches at Big Sky](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

22-23