

# Large Deep Slab Avalanche at Big Sky

Big Sky Resort  
Northern Madison  
1/26/2019  
Code  
HS-AEc-R4-D3.5-G  
Latitude  
45.27800  
Longitude  
-111.45000  
Notes

Big Sky Ski Patrol triggered a large [deep slab avalanche](#) during control work this morning, with a crown depth up to 10 feet deep. From the e-mail: "This is generally one of our most heavily wind loaded areas on the mountain with any wind with a westerly component. It ran on a combo of ground and an ice crust that was sitting in a recessed area, probably leftover October snow. Crown depth ranged from 10' near the [cornice](#) but quickly tapered to an average of 3-5'." -BSSP

Number of slides  
1  
Number caught  
0  
Number buried  
0  
Number killed  
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  
4  
D size  
3.5  
Bed Surface  
G - Ground  
Problem Type  
Persistent Weak Layer  
Slab Thickness  
60.0 inches  
Slab Layer Grain Type  
Wind packed  
Slab Thickness units  
inches  
Single / Multiple / Red Flag  
Single Avalanche

Advisory Year  
[18-19](#)