

## Deep slab avalanches triggered by Big Sky patrol

Big Sky Resort  
Northern Madison  
1/4/2020  
Code  
HS-AEc-R3-D2.5-O  
Elevation  
10000  
Aspect  
SE  
Latitude  
45.27600  
Longitude  
-111.43600  
Notes

"We triggered 3 significant persistent slabs with explosives on the south face, all in areas that had been rapidly loaded by last night's winds. Castro's shoulder, Upper Rodeo and Jailbait (HV) all succumbed to the load and failed 3-6' deep on the ice crust 30-60 cm off the ground and showed impressive [propagation](#). One significant new snow [slide](#) in Lenin failed 4-5' deep just involving snow that had been deposited since this storm began." - BSSP

Number of slides  
3  
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  
3  
D size  
2.5  
Bed Surface  
O - Old snow  
Problem Type  
Persistent Weak Layer  
Images  
[Big Sky patrol triggered deep slab 2](#)  
[Big Sky patrol triggered deep persistent slab](#)  
Slab Thickness units  
centimeters  
Single / Multiple / Red Flag

Multiple Avalanches  
Advisory Year  
[19-20](#)