

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](#)