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