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