Large Natural on Republic Mtn.

Republic Mountain
Cooke City
12/2/2022
Code
HS-N-R3-D2.5-O
Elevation
8600
Aspect
N
Latitude
45.00030
Longitude
-109.95400
Notes

Leaving Cooke on 12/3 we saw many natural avalanches that likely broke on 12/2. Estimate more than 50% of slopes facing north, 8,000-9,000' had crowns 2-4' deep. The largest on Old Man Ray's below republic was R3-D2.5, 400+' wide, 1,000' vertical. There were a couple, possibly larger, on Thunderer in the park, but low light made them difficult to confirm.

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Hard slab avalanche
Trigger
Natural trigger
R size
3
D size
2.5
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness
36.0 inches
Vertical Fall
1000ft
Slab Width
420.00ft
Images
Natural avalanche on Republic 2
Natural avalanche on Republic

Natural avalanche on Republic Mountain
Snow Observation Source
Natural avalanches West of Cooke, and in YNP
Slab Thickness units
inches
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
22-23