Skier triggered on north face of Republic

Republic Mountain
Cooke City
1/22/2022
Code
SS-ASu-R2-D1.5-O
Elevation
10000
Aspect
N
Latitude
45.00660
Longitude
-109.96000
Notes

From email 1/22/22: "This morning (20220122) I was ascending a steep North facing couloir up the N summit of Republic Mountain and on ascent (boot packing) about 1/2 way up the line I triggered a small soft slab from that propagated around the rock I was tucked behind, 40M above me and and 20M across. Luckily, my ascent line was sheltered from any above exposure and I was not caught or carried in anyway. The crown ranged from 8cm where I triggered it to an estimated 25cm at its deepest. The avalanche ran an estimated 200M. I believe the windslab ran on 1-3mm NSF's (evident on the bed surface) formed in the high pressure before the recent light precip."

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Soft slab avalanche
Trigger
Skier
Trigger Modifier
u-An unintentional release
R size
2
D size
1.5
Bed Surface
O - Old snow
Problem Type
Wind-Drifted Snow
Slab Thickness
20.0 centimeters
Vertical Fall
600ft

Slab Width
70.00ft
Weak Layer Grain type
Near surface faceted particles
Images
Skier triggered wind slab, Republic Mountain
Slab Thickness units
centimeters
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
21-22