

Human triggered wind slab on Lulu

Lulu Pass
Cooke City
1/30/2020
Code
SS-AFr-R2-D2-S
Elevation
10000
Aspect
S
Latitude
45.07090
Longitude
-109.95800
Notes

We triggered this avalanche of wind-drifted snow as we approached very carefully from a low angle slope above, on 1/30/2020. This was near Lulu Pass outside Cooke City on a south facing slope at 10,000'. It broke within recently drifted snow, but these slabs could be enough weight to break deeper and wider on sugary layers deep in the snowpack. I initially approached where the [cornice](#) was a little steeper (no overhang though), and then I got that funny feeling and backed off and went to safer feeling spot with the intention to dig at the top of the slope. It broke within the recent snow/wind load, and did not step down. It was about 100' wide x 70' long x 2-3' deep.

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Soft slab avalanche
Trigger
Foot penetration
Trigger Modifier
r-A remote avalanche released by the indicated trigger
R size
2
D size
2
Bed Surface
S - Avalanche released within new snow
Problem Type
Wind-Drifted Snow
Slab Thickness
24.0 inches
Vertical Fall
50ft

Slab Width

100.00ft

Weak Layer Grain type

Decomposing and Fragmented precipitation particles

Weak Layer Hardness

4F

Slab Layer Grain Type

Wind Broken precipitation particles

Slab Layer Hardness

4F+

Images

[Lulu Crown Profile - 30 Jan](#)

[Human triggered wind slab on Lulu 3](#)

[Human triggered wind slab on Lulu 2](#)

[Crown of human triggered avalanche near Lulu](#)

[Human triggered wind slab on Lulu](#)

[Snowpit in crown of human triggered avalanche on Lulu](#)

Attached Videos

[Human triggered wind slab on Lulu](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[19-20](#)