

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 [cornices](#) 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](#)