

Skier triggered wind slabs in Republic Creek

Republic Creek

Cooke City

2/23/2025

Code

SS-AS-R2-D1-I

Elevation

9800

Aspect

W

Latitude

44.98550

Longitude

-109.94100

Notes

We were able to easily to [trigger](#) a couple [wind slab](#) avalanches on test slopes.

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Skier

R size

2

D size

1

Bed Surface

I - Interface between new and old snow

Problem Type

Wind Slab

Slab Thickness

6.0 inches

Vertical Fall

30ft

Slab Width

30.00ft

Images

[Second skier triggered wind slab, Republic Creek](#)

[Skier triggered wind slab, Republic Creek](#)

Attached Videos

[Wind slabs and a thin buried weak layer, Cooke City - 23 Feb 2025](#)

Snow Observation Source

[Wind slabs and thin buried weak layer](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[24-25](#)