

## Deep Persistent Slab Avalanche up Republic Creek

Republic Creek

Cooke City

1/23/2025

Code

SS-N-R3-D3-O

Elevation

9800

Aspect

NW

Latitude

44.95600

Longitude

-109.94400

Notes

On 1/30 we noted an old, deep persistent [slab](#) avalanche on a NW' [aspect](#) near the south end of the Republic Creek drainage. This likely broke around a week ago.

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Natural trigger

R size

3

D size

3

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

48.0 inches

Vertical Fall

800ft

Slab Width

1500.00ft

Images

[Large, old persistent slab up Republic Crk](#)

Snow Observation Source

[Weakening Snow and Future Problems](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[24-25](#)