

Old persistent slab avalanche up Republic Creek

Woody Ridge

Cooke City

1/21/2025

Code

SS-N-R3-D3

Elevation

10000

Aspect Range

N-NE

Latitude

44.97390

Longitude

-109.92400

Notes

We saw one old, but very large persistent [slab](#) avalanche further up Republic Creek (pictured). It was on similar [aspect](#) and elevation as a somewhat more recent persistent [slab](#) in nearby Hayden Creek, North-northeast, 10,000'. It appeared to be 6'+ deep and 500'+ wide. The [bed surface](#) and crown had been partially drifted in, so it seemed it was probably at least a week old...

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Natural trigger

R size

3

D size

3

Problem Type

Persistent Weak Layer

Slab Thickness

72.0 inches

Snow Observation Source

[Old persistent slab, cornice fall, snowpit](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[24-25](#)