

## Avalanches, collapsing, cracking in Cooke

Republic Creek

Cooke City

1/20/2024

Code

Latitude

44.98550

Longitude

-109.94100

Notes

Ski toured to west Woody Ridge today, south of Cooke City.

We set a new skin [track](#) and I would estimate that 80%+ of the snow we touched created a large [collapse](#)/whompf. Many of the collapses were large and loud (over 100' wide). It seemed like remotely triggering an avalanche would have been easy/ likely had we been connected to steeper slopes.

We noted widespread avalanche activity in a nearby gully (NW aspects) adjacent ski tracks from yesterday.

In our [snowpit](#) at 9700', on a westerly [aspect](#), we had an ECTPV. On 2mm facets, 45cms down.

I've skied that area a lot over the last 15 years, commonly during big snowstorms and elevated avalanche hazard, but today seemed like one of the most hazardous, if not THE most hazardous days for avalanches I experienced there- given the widespread nature of the PWL and thickness and sensitivity of the [slab](#).

The warm temperatures today likely had a significant influence on the instabilities. (35 deg F in town for much of the afternoon.) Lots of roof-a-lanches noted today as well.

Number of slides

1

Number caught

0

Number buried

0

Snow Observation Source

[Sheep Creek Observations](#)

[Cooke City, current snow obs](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)