

Avalanche Cycle in Cooke City

COOKE CITY

Cooke City

2/21/2023

Code

SS-N-R2-D2-I

Aspect

NE

Latitude

45.02020

Longitude

-109.93800

Notes

Photos of some recent natural avalanches near Cooke City today attached. All of the slides observed appeared to just involve new snow from the Feb. 20-21 storm. (occurring on all aspects, but primarily on NE aspects)

New snow: generally about 50-80cms of settled new snow from Feb. 20-21.

Quite a bit of collapsing experienced today while breaking trail, particularly in the lower elevations.

[Snowpit](#) attached from a SE [aspect](#) at 8500'. HS: 170.

ECTP15- 55cms down, at new/old interface.

from 23 February email:

Northerly [aspect](#), around 9900' on this avalanche photo from Woody Ridge attached.

The other, larger natural avalanche up Republic Creek that I mentioned observing today was also on a N, NW [aspect](#), around 9900', but about 4 times as wide.

The Fin also had a relatively large natural avalanche on it too- low on the slope, skier's left.

Number of slides

6

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Natural trigger

R size

2

D size

2

Bed Surface

I - Interface between new and old snow

Problem Type

New Snow

Slab Thickness

65.0 centimeters

Images

[Avalanche in Sheep Creek, Feb 21](#)

[Avalanche in Sheep Creek](#)

[Sheep Creek Path](#)

[Sheep Creek Avalanche Crown](#)

[Republic Creek Avalanche](#)

Snow Observation Source

[Avalanche Cycle in Cooke City](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[22-23](#)