

Steep, rocky, N-facing avalanches: Cooke

COOKE CITY

Cooke City

3/8/2023

Code

HS-N

Latitude

45.02020

Longitude

-109.93800

Notes

Photo attached of a recent avalanche near Cooke, on the north face of Mt. Republic. Steep, rocky, north facing. Everything that I have been seeing the last 2 days has been similar: steep, rocky north faces above tree line, often associated with [wind loading](#), and cornices. We observed 4 other similar avalanches yesterday, like the photo attached.

We dug a [snowpit](#) yesterday on a SE [aspect](#) around 9350'. HS was 200-240cms. ECTN22 down about 40cms on what appeared to be a density change.. The melt freeze crust that formed around Feb. 18th, right before this big storm cycle, was about 70cms down, and not reactive in our snowpack tests. There were some 4F 1mm facets below it though.

No collapsing.

Number of slides

5

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Natural trigger

Images

[Avalanches in steep terrain](#)

Snow Observation Source

[Steep, rocky, N-facing avalanches](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[22-23](#)