

Natural Wind Slab avalanches around Cooke City

COOKE CITY

Cooke City

2/23/2021

Code

SS-N-R2-D2-I

Aspect

NE

Latitude

45.02020

Longitude

-109.93800

Notes

1. A natural [wind slab](#) avalanche broke beneath a [cornice](#) on Henderson Mountain, near Cooke City. It appears to have broken at the new-old interface, 2-3 ft deep and ~300 ft wide. Likely ran overnight on Monday 2/22/21 or early morning Tuesday 2/23/21.
2. Another smaller [wind slab](#) also broke further down the path.
3. A small [slide](#) under Sheep Mtn on a E [aspect](#). Size 1, natural. Lots of transport today out north, with dense punchy snow on most aspects. Definitely slabbing up.
4. Photo attached. I saw this SS-N-R1D2 on an E [aspect](#) at 9,000' on the east side of republic mountain into Republic creek. I'm guessing it involved the HN plus some [wind loading](#) on old facets on a steep rocky face.
5. Southeast ridge of Mt Abundance broke under the wind-loads. It propagated a few hundred feet.

Number of slides

4

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

Wind-Drifted Snow

Slab Thickness

24.0 inches

Images

[Sheep mtn Avalanche near Cooke](#)

[Natural avalanche shoulder of Mt. Abundance](#)

[Wind Slab Avalanche on Henderson Mtn.](#)

[Republic Mtn natural avalanche](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[20-21](#)