

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