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