

Natural avalanches (on persistent weak layer) near Cooke

Henderson Mountain

Cooke City

11/15/2021

Code

SS-N-R2-D2-O

Elevation

10000

Aspect Range

NE, N

Latitude

45.05240

Longitude

-109.94500

Notes

From email 11/15/21: "east Henderson had a fresh [slab](#) avalanche- on a NE [aspect](#) around 10,000'. It appeared to have failed on a [weak layer](#) near the ground, and I'd guess it was about 2-3' deep and 300'+ wide. (photo attached)

Also noted some other natural [slab](#) avalanches on some northerly aspects of Miller Ridge. (steep rocky starting zones). And noted a couple big [slab](#) avalanches on NE erly aspects up Republic Creek too. Similar thing there: steep, rocky, wind loaded starting zones."

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

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

24.0 inches

Slab Width

100.00ft

Images

[Natural avalanche on persistent weak layer near Cooke](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[21-22](#)