

## Large natural avalanches near Cooke City

COOKE CITY

Cooke City

12/2/2022

Code

N-R2-D2-O

Elevation

10000

Aspect Range

E,S,SW

Latitude

45.02020

Longitude

-109.93800

Notes

Near Cooke City (12/2/22) we rode to the cabins at Lulu Pass, then to Round Lake, then to Daisy Pass. Visibility was 50/50, so we didn't see all terrain clearly. We saw multiple large natural avalanches that broke last night or early this morning.

The largest were 3 on Scotch Bonnet (R2-D2, south-souwest [aspect](#) at 10,000'), 1 on Henderson in the big east facing [slide](#) path (R1-D2. east [aspect](#) 10,000'). These appeared to be 3-4 feet deep, and we suspect broke on a layer of weak snow that formed last week and is now buried 2-3 feet deep, and deeper on high wind-loaded slopes.

(We also saw 4-5 smaller wind slabs (R1-D1).)

Number of slides

4

Number caught

0

Number buried

0

Trigger

Natural trigger

R size

2

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

36.0 inches

Vertical Fall

800ft

Slab Width

100.00ft

Images

[Natural avalanches on Scotch Bonnet \(far\)](#)

[Natural avalanches on Scotch Bonnet](#)

[Natural avalanche on Henderson east aspect](#)

Attached Videos

[Natural Avalanches, Dangerous Conditions, Cooke City - 2 Dec](#)

Snow Observation Source

[Recent natural avalanches and snowpits](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[22-23](#)