

Small skier-triggered and natural dry loose slides near Cooke City

Henderson Mountain

Cooke City

4/16/2022

Code

L-AS-R1-D1-S

Elevation

9700

Aspect

NE

Latitude

45.05240

Longitude

-109.94500

Notes

From obs 4/16/22: "My partner and I observed relative instability (ECTP 14) on a thick ice crust on a SW-facing slope at the base of Henderson Ridge. In addition to the [propagation](#), there was a [fracture](#) at the new snow interface roughly 10cm deep, which was noticeably less consolidated than the snow between it and the buried sun-crust. We did not witness any cracking or whumphing along the skin [track](#) and decided to ski a similar [aspect](#).

As we quickly navigated across a steep, 33-degree slope, two small loose slides broke from under our cuts, each roughly 10' across and traveling 30'. Each of these broke on the shallower new snow that rendered a [fracture](#) in our ECT. "

The same day GNFAC forecaster witnessed a couple 3-4" deep, 30 foot wide very soft natural new snow slides.

Number of slides

4

Number caught

0

Number buried

0

Avalanche Type

Loose-snow avalanche

Trigger

Skier

R size

1

D size

1

Bed Surface

S - Avalanche released within new snow

Problem Type

New Snow

Slab Thickness

4.0 inches

Vertical Fall

50ft

Slab Width

30.00ft

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

21-22