

large natural avalanche, NE Mt. Henderson

Henderson Mountain

Cooke City

12/30/2024

Code

HS-N-R4-D2-O

Elevation

10090

Aspect

NE

Latitude

45.05240

Longitude

-109.94500

Notes

From obs "We were ski touring on the SW side of Mt. Henderson today, and noticed a large (natural?) avalanche on the NE [aspect](#) of Henderson. First observed at around 1:15pm. It appeared to be very fresh, possibly from a [remote trigger](#) this morning.

2 photos attached. A NE [aspect](#), around 10,000'.

It looked to be 4-6' deep and about 500' wide. And it failed on snow at/ near the ground."

From obs: "We popped over to the recent avalanche on the east side and got a crown profile. Avalanche is NE facing, 10090. HS-N-D2-R4-O

Crown is 105 cm deep, breaking on [surface hoar](#). Details are in attached profile

Something noteworthy.. the slope angle at the crown is 30.1 degrees."

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Natural trigger

R size

4

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

60.0 inches

Slab Width

500.00ft

Weak Layer Grain type

Surface Hoar

Images

[E Henderson Crown Profile - 31 Dec](#)

[large natural avalanche, NE Mt. Henderson 2](#)

[large natural avalanche, NE Mt. Henderson 1](#)

Snow Observation Source

[E Henderson Crown Profile](#)

[large natural avalanche, NE Mt. Henderson](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[24-25](#)