

Multiple avalanches on Mt. Abundance

Mt. Abundance

Cooke City

2/11/2024

Code

SS-ASr-D2-O

Elevation

9900

Aspect Range

NE-NW

Latitude

45.07220

Longitude

-110.02200

Notes

Three avalanches were triggered 20-50' away from low-angle terrain above by skiers on Mt. Abundance.

From obs: "We observed three similar avalanches on Mt Abundance today (2/11). All were at about 9,900' and on NE-NW aspects. We were able to safely look at the crown of the first one, which was ~150' wide, 55cm deep, and with an HS of 145. It failed on 1-2 cm buried [surface hoar](#). The other avalanches were on shallow unsupported rocky terrain. All were remote triggered from low angle terrain above, 20-50' away. One of the avalanches sympathetically released a gully and ran 800'."

Number of slides

3

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Skier

Trigger Modifier

r-A remote avalanche released by the indicated trigger

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

55.0 centimeters

Vertical Fall

800ft

Slab Width

150.00ft

Weak Layer Grain type

Surface Hoar

Weak Layer grain size

2.00mm

Images

[Abundance avalanche 3](#)

[Abundance avalanche 2](#)

[Abundance avalanche 1 \(across\)](#)

[Abundance avalanche 1 \(above\)](#)

Snow Observation Source

[Multiple avalanches on Mt. Abundance](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[23-24](#)