

Avalanches and cracking at Big Sky

Lone Mountain

Northern Madison

11/25/2024

Code

SS-ASc-D1-G

Aspect

N

Latitude

45.27770

Longitude

-111.45100

Notes

From email: "Northerly facing terrain harbors October snow, which has faceted. It is holding up plenty of dense snow and [wind slab](#) from the quite snowy and windy November. It was unable to hold the additional weight of a human [trigger](#), and two pockets failed at the ground, which produced avalanches. Crown height maxed at 2'. Notably, where it did not avalanche, the failure propagated hundreds of feet down the ridge. It is a good data point- northerly aspects near tree line have potential instability."

Number of slides

2

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Skier

Trigger Modifier

c-A controlled or intentional release by the indicated trigger

D size

1

Bed Surface

G - Ground

Problem Type

Persistent Slab

Weak Layer Grain type

Faceted Crystals

Images

[Big Sky cracking of snowpack](#)

[Big Sky triggered avalanche](#)

Snow Observation Source

[Avalanches and cracking](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches
Advisory Year
[24-25](#)