

Two large deep slabs near Maid of the Mist

Maid of the Mist

Northern Gallatin

2/28/2021

Code

HS-N-R3-D2.5-O

Elevation

10000

Aspect

E

Latitude

45.41150

Longitude

-110.98800

Notes

From obs 3/6/21: "Two large natural avalanches in Maid of the Mist Basin. One of them ran on the east face of Arden Peak (Peak 10,201) which propagated across the entire face. Could have been triggered by a [cornice](#) fall then stepped down to deeper layers. The second was on the NE face of the peak Fat Maid and Skinny Maid come from. Also propagated across the entire slope. Crown height between 6'-8' in most places." Timing of these slides is unknown. Probably in the last week, but maybe older.

Number of slides

2

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Natural trigger

R size

3

D size

2.5

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

48.0 inches

Vertical Fall

700ft

Slab Width

1000.00ft

Images

[Arden Avalanche Profile - 7 March 2021](#)

[Deep slab on Arden, crown](#)

[Deep slab on Arden, cornice chunk](#)

[Deep slab on Arden, debris](#)

[Deep slab on Arden toe of debris](#)

[Deep slab near Arden Peak](#)

[Deep slab Avalanche near Maid of the Mist](#)

Attached Videos

[Old Deep Slabs, Hyalite - 7 Mar 2021](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[20-21](#)