

## Unstable hard slab in the Bridgers, and two collapses

The Ramp

Bridger Range

1/20/2024

Code

HS-ASc-R3-D1-O

Elevation

8400

Aspect

N

Latitude

45.82880

Longitude

-110.93100

Notes

Toured up the Ramp in the Bridger Range. At the top of The Ramp/Wolverine I pushed on some small wind-loaded terrain features with skis. About three inches of soft snow moved/cracked no wider than my ski width, then one step lower a hard [slab](#) cracked out about 10' wide, 10-12" deep and did not move more than a few inches downhill due to flatter terrain supporting it below. The [slab](#) was pencil hardness which leads me to believe it was older than the last snowfall on Wed-Thurs, but possible it formed during that event if there was a period of moderate-strong wind at the ridge.

I had two other terrain-feature sized "whumphs" on similar small wind-loaded slopes directly adjacent. These hard slabs were sitting on sugary facets, and show that avalanches can be triggered on previously wind-loaded slopes.

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Skier

Trigger Modifier

c-A controlled or intentional release by the indicated trigger

R size

3

D size

1

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

11.0 inches

Vertical Fall

0ft

Slab Width

10.00ft

Images

[Unstable hard slab Bridgers 2](#)

[Unstable hard slab Bridgers 3](#)

Snow Observation Source

[Unstable hard wind slabs in the Bridgers](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)