

Skier triggered large Wind Slab on the Ramp

The Ramp

Bridger Range

1/4/2025

Code

HS-ASu-R1-D1-I

Elevation

8500

Aspect

E

Latitude

45.82800

Longitude

-110.93300

Notes

Toured up the ramp this morning, found between 3-6" of new snow on the skin [track](#), winds were fairly strong from the north/northwest and moving snow. Snow was falling heavily for the duration of the tour. As we made our last switchback in the ridge line meadow (8500ft directly east facing) near the top of the ramp, we triggered a [wind slab](#). It propagated about 200 ft wide and was 3 ft at the deepest point. Interestingly on the edges and near the bottom (downhill side) of the [slab](#) it was only a few inches deep. It broke on the interface between the wind loaded snow and the light and dry snow we received a few days ago. When we entered the upper meadow there was no evidence of tracks from the day before. Further down the ramp we found cross loaded rolls that produced shooting cracks and collapses, and active snow [loading](#) from the new snow and wind. A half hour later on our ski down, the skin [track](#) was partially buried by new snow as we exited the area.

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Skier

Trigger Modifier

u-An unintentional release

R size

1

D size

1

Bed Surface

I - Interface between new and old snow

Problem Type

Wind-Drifted Snow

Slab Thickness

24.0 inches

Slab Width

200.00ft

Images

[Crown depth](#)

[Debris on the Ramp](#)

[Wind slab avalanche on the Ramp](#)

Snow Observation Source

[Wind Slab in Bridgers](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[24-25](#)