

Remotely triggered wind slab in N. Bridgers

Northern Bridgers

Bridger Range

2/26/2022

Code

HS-ASr-R3-D1.5-O

Elevation

8000

Aspect

NE

Latitude

45.93910

Longitude

-110.97800

Notes

From obs 2/26/22: "We were stopped on a flat bench on top of a steep rollover... when we heard a whumpf, and then a hard [wind slab](#) released on the slope below us and ran into the trees below. We then decided to enter the avalanche at the bottom of the debris to look at the crown, where we observed that the [slab](#) was about 60cm deep at its deepest, and ran around 50 feet wide, wrapping across a small [aspect](#) change. We did two ECT tests and observed [propagation](#) on the layer during isolation in both tests... We identified a P hard [wind slab](#) overlaying a 3 cm deep layer of 1F hard facets. The layer below the avalanche interface was F hard facets. After this result, we dialed back our ski plans for the day." Photo: M. Beck

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Skier

Trigger Modifier

r-A remote avalanche released by the indicated trigger

R size

3

D size

1.5

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

22.0 inches

Vertical Fall

40ft

Slab Width

50.00ft

Weak Layer Grain type

Faceted Crystals

Weak Layer Hardness

F

Slab Layer Grain Type

Wind packed

Slab Layer Hardness

P

Images

[crown of skier triggered slide in N. Bridgers](#)

[Skier triggered Avalanche in N. Bridgers observed from above](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[21-22](#)