

Skier triggered and natural new snow avalanches in Beehive

Beehive Basin

Northern Madison

5/8/2021

Code

SS-AS-R1-D1.5-I

Elevation

10000

Aspect

NE

Latitude

45.34070

Longitude

-111.39100

Notes

From obs: 5/9/21: "Yesterday we went to check out the new snow in Beehive Basin.... While traversing... along the north ridge of 10602, we triggered a small [wind slab](#) that carried down into Peruvian, which then released another small [wind slab](#) on a northeast [aspect](#) of the face (photo). The crown height of this [wind slab](#) was measured at 60cm at it's deepest point, and approximately 30ft wide by 10ft long.

Looking down into the face of Peruvian, we observed a natural dry loose [slide](#) that released from the ridge. We observed an increase in wind speed throughout the morning, and a shift in wind direction from west to southwest in the early morning moving to west to north west by the late morning."

Number of slides

2

Number caught

0

Number buried

0

Avalanche Type

Soft slab avalanche

Trigger

Skier

R size

1

D size

1.5

Bed Surface

I - Interface between new and old snow

Problem Type

Wind-Drifted Snow

Slab Thickness

60.0 centimeters

Slab Width

30.00ft

Images

Loose dry release in Peruvian

Crown of skier triggered wind slab

Debris from skier triggered wind slab in Beehive

ECT after shear, moist/wet snowpack

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

20-21