

Avalanches in Beehive and Middle Basin

Beehive Basin

Northern Madison

1/20/2024

Code

HS-ASr-R1-D1.5-O

Aspect

E

Latitude

45.34070

Longitude

-111.39100

Notes

From obs: "My partner and I were traveling along the ridgeline separating Beehive and Middle Basin. 60 meters before the prayer flags on the ridge, we were stomping on the cornices. We heard a very loud whumphf and the [cornice](#) directly below me fell. This and our stomping triggered shooting cracks along the ridge and remotely triggered a [cornice](#) 30 meters ahead of us. This [cornice](#) fall triggered a [hard slab avalanche](#) that was about 15 meters wide and ran at least 100 hundred meters, but we could not see the terminus in the trees. The crown was 1F [wind slab](#) failing on facets 35 cm deep. It immediately stepped down to basal facets in spots with total crown depth of 75 cm. "

"We reached the east ridge of beehive basin at 11:30 and it was warming up quickly. We considered skiing east into middle just before the prayer flags, but when approaching the slope to dig a pit we got a significant [collapse](#) and decided to ski a more conservative pitch further north. When continuing north on the ridge we saw a recent [cornice collapse](#) which triggered an avalanche, size unknown but pictured here. The conservative east slope was in the shade and skied well.

on the way out we got another sizable [collapse](#) when skiing west down from prayer flags, on the shallow, sunny western slope, when I edged out of the gully at the first dog leg to regroup with the party."

"I saw a skier triggered [slide](#) on Tyler's hill (lookers right of prayer flags gully), as I skinned in (ss-as-d1.5-r1-u). It looked like it propagated across about 25 ft and just pulled out on the single roll over, I didn't get real close, and figured a picture from that distance with trees in the way might not show much."

Number of slides

2

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

1

D size

1.5

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

35.0 centimeters

Slab Width

50.00ft

Slab Layer Grain Type

Wind Broken precipitation particles

Images

[Cracking on Ridge](#)

[Middle Basin Avalanche 3](#)

[Middle Basin Avalanche 2](#)

[Middle Basin Avalanche 1](#)

Snow Observation Source

[Activity in beehive](#)

[Cornice triggered avalanche in Middle Basin](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[23-24](#)