



Skier-Triggered Avalanches at the Throne

The Throne

Bridger Range

2/16/2019

Code

SS-ASc-R2-D2.5-I

Elevation

8400

Aspect Range

E-SE

Latitude

45.88210

Longitude

-110.95200

Notes

Skiers reported intentionally triggering multiple avalanches failing up to a foot deep at the Throne. From the email: "We dug a pit above the top of the throne (ENE [aspect](#), 8400', 28°) and got an ECTP17. The pit broke below 55cm of new snow, on top of an old [wind slab](#). Bailed on our objective (the ruler) and skied the main ESE chutes on the throne. [Ski cut](#) the top of all 3 chutes and got them all to break out 8-12" deep, 100-200' wide and they all ran 500-700' into the trees at the bottom of the gullies. The runout hit the trees at the bottom with enough force to snap 3" trees and piled up debris up to 5' deep." Photo: M. Cohen

Multiple Avalanches

Number of slides

3

Number caught

0

Number buried

0

Number killed

0

Avalanche Type

Soft slab avalanche

Trigger

Skier

Trigger Modifier

c-A controlled or intentional release by the indicated trigger

R size

2

D size

2.5

Bed Surface

I - Interface between new and old snow

Problem Type

New Snow

Slab Thickness

10.0 centimeters

Vertical Fall

600ft

Slab Width

150.00ft

Images

[Skier-Triggered Avalanches at the Throne \(2\)](#)

[Skier-Triggered Avalanches at the Throne \(1\)](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches