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
Advisory Year
18-19