Skier triggered wind slab at Bridger

Bridger Bowl
Bridger Range
11/23/2022
Code
SS-ASc-R2-D1.5-I
Elevation
7600
Aspect
NE
Latitude
45.81680
Longitude
-110.92400
Notes

At 1:30pm on 11/23 I intentionally triggered a fresh drift of snow in a narrow avalanche path along the edge of the north bowl at Bridger. Northeast aspect at 7,600’ elevation. The crown was 6-8” deep consisting of snow that fell today, 20’ wide and ran 250’ vertical. SS-ASc-R2-D1.5-I.

Wind was moderate, gusting strong out of the north and west and transporting snow. There were 3-4” on lower mountain and 7-8” new up high. Snowpack is 1-2’ deep. Prior to this storm, snow close to the surface had turned to small (1-1.5mm) facets during previous cold weather, capped by a thin crust (wind or sun) on many slopes.

Number of slides
1
Number caught
0
Number buried
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
1.5
Bed Surface
I - Interface between new and old snow
Problem Type
Wind-Drifted Snow
Slab Thickness
8.0 inches
Vertical Fall
250ft

Slab Width
20.00ft
Weak Layer Grain type
Precipitation Particles
Slab Layer Grain Type
Precipitation Particles
Images
Skier triggered wind slab at Bridger 2
Skier triggered wind slab at Bridger crown
Snow Observation Source
Skier triggered wind slab at Bridger
Slab Thickness units
inches
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
22-23