## **Human Triggered Soft Slab Avalanches - Mt Blackmore**

Mt Blackmore Northern Gallatin 3/24/2020 Code SS-ASc-R1-D1-S Elevation 10000 Aspect N Latitude 45.44440

Longitude -111.00400 Notes

Snowfall throughout the afternoon fluctuated between S1 - S5 (during brief squalls). The winds started out moderate and from the west but calmed by the last lap ~5 pm. The new snow (from last night/this morning) was fairly well bonded to the sun/melt-freeze crust below, but the storm came in subtly upside down. Today's snowfall (accumulating ~3" while skiing between 1-530) was light. Right along the ridgeline, we triggered 4 predictable small storm slabs 4~6" deep on the upside <a href="upside-down storm">upside-down storm</a> from last night/this morning, but surprisingly not on the old crust. They were each 5-10m wide x 5m long and only ran ~5m vertically.

Number of slides

4

Number caught

n

Number buried

U

Avalanche Type

Soft slab avalanche

Trigger

Skier

Trigger Modifier

c-A controlled or intentional release by the indicated trigger

R size

1

D size

1

**Bed Surface** 

S - Avalanche released within new snow

Problem Type

New Snow

Slab Thickness

6.0 inches

Vertical Fall

20ft

Slab Width

30.00ft

Weak Layer Grain type

Precipitation Particles

Images

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Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

19-20