

## 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-down storm](#) snow 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  
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  
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

[Human Triggered Soft Slab Avalanche - Mount Blackmore](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[19-20](#)