

## Natural avalanche on Blackmore east face

Mt Blackmore  
Northern Gallatin  
2/18/2021  
Code  
HS-N-R4-D3-O  
Elevation  
9600  
Aspect  
NE  
Latitude  
45.44310  
Longitude  
-110.99900  
Notes

From email: "I toured into Blackmore [2/19/21] and observed an old snow avalanche at 9600' on the east face of Mt Blackmore. I was there the day before and didn't see any evidence of avalanche activity; strong overnight winds with ample snow available for transport appeared to be enough to tip the scales."

Number of slides  
1  
Number caught  
0  
Number buried  
0  
Avalanche Type  
Hard slab avalanche  
Trigger  
Natural trigger  
R size  
4  
D size  
3  
Bed Surface  
O - Old snow  
Problem Type  
Persistent Weak Layer  
Slab Thickness  
72.0 inches  
Vertical Fall  
500ft  
Slab Width  
700.00ft  
Weak Layer Grain type  
Faceted Crystals  
Weak Layer grain size  
2.00mm

Weak Layer Hardness

4F+

Slab Layer Hardness

P+

Images

[Natural avalanche on Blackmore east face, debris 2](#)

[Natural avalanche on Blackmore east face, crown](#)

[Natural avalanche on Blackmore east face, debris](#)

[Natural avalanche on Blackmore east face](#)

Attached Videos

[Massive natural avalanche, Mt. Blackmore - 20 Feb](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[20-21](#)