

## Blackmore Lake

Date

Sat, 12/31/2022 - 13:30

Activity

Skiing

Today we toured up above Blackmore Lake to ski a E-NE facing meadow. We observed about 5-10cm of fresh snow in the area with minimal wind loading. On South aspects, the recent sun crust was much more supportable than in more shaded and protected areas. There was evidence of past wind loading at our pit location, which was on a slightly more north-facing ridge than the meadow we skied. Although this recent crust was evident on all aspects, it was quite soft and breakable on protected aspects. An ECT test revealed instability above a crust layer at 130cm in the snowpack (ECTN22@130). The shear quality was clean at this interface and, when the shovel was placed behind the block, it popped off quite easily. With the significant temperature shifts adding some complexity to the snowpack, it will be interesting to see how the stability progresses at these crust interfaces.

Region

Northern Gallatin

Location (from list)

Mt Blackmore

Observer Name

Erich Schreier