

## Blackmore obs

Date

Thu, 02/08/2024 - 12:45

Activity

Skiing

Dug a very quick pit on a SE slope at 9600ft HS 90 cm. Boot pen to the ground. SKY OVC. Wind L.

Visibility was minimal, but I observed no signs of significant, recent wind loading. With that said there is a ~5-8 cm (small) 1F wind slab under ~5cm of + at the top of the snowpack and above the Jan. crust.

ECTN26 below the Jan. crust

PST 30/100 End on 2-3mm facets down ~50cm (below the jan crust)

Where the crust exist, it may be ever so slightly harder to impact these deeper, weaker layers, but I would certainly not place any faith in it especially with spacial variability and change in aspect/elevation.

After doing the ECT and not observing any propagation. I pulled the block off with my shovel and it broke deeper (Q1/2) on the same facets I performed the PST on.

I dug in this same meadow earlier in the winter. Basal facets/ depth hoar have advanced significantly. I didn't put them on a card, but striations were visible to the naked eye.

This snowpack has a lot going on in it, but strength is certainly not one of them. Out of the entire snowpack maybe only 10-15cm of snow had hand hardness greater than 4F+.

Region

Northern Gallatin

Location (from list)

Mt Blackmore