

Republic Creek Field Day

Date

Mon, 01/01/2024 - 13:45

Activity

Skiing

We went south of Cooke City today and toured up Republic Creek towards Woody Ridge. Stepping off the skin [track](#) ski penetration was quite noticeable, sinking 6" or more and breaking trail through loud [faceted snow](#). We began ascending the slope and found an area on a northwest-facing slope at 9300' to dig and assess the snowpack before continuing on steep potentially wind-loaded terrain. In our [snowpit](#), we had ECTN 21/ECTP 22 results, we did another [stability test](#) with ECTN22 results on the same layer.

We continued until we reached an area that had been previously wind-loaded and a cohesive [slab](#) could be felt. The depth of the snow never rarely exceeded the length of a ski pole so we were able to [probe](#) the snow to assess whether or not a [slab](#) was present. In one snow pit, we saw [propagation](#), ECTP21, but just ten feet over [stability](#) tests yielded ECTX results. Walking around the area it seemed like this was an isolated case where a [slab](#) was present.

After all this assessment we felt it was appropriate to enter avalanche terrain while maintaining good travel protocols by only exposing one person at a time on the slope and keeping eyes on each other from a safe location. While exiting the creek bottom I did remotely [trigger](#) a very small [slab](#) while crossing a snow bridge.

Region

Cooke City

Location (from list)

Republic Creek

Observer Name

Zach Peterson