

Divide basin

Date

Sun, 01/31/2021 - 12:30

Activity

Skiing

Toured in divide basin today. I dug a pit at 9400' on a NE aspect (HS130) to look for weak layers and found 3. There is a layer of near surface facets at 110 cm, buried surface hoar at 92 and depth hoar 61 to the ground. Between 90 and 62 there is a 1 finger slab. The depth hoar is very weak. I did an extended column test and it did not propagate, but I was not planning on skiing slopes steeper than 30 degrees anyways. High clouds in the AM gave way to bluebird skies in the afternoon. Around 1:30 the temperature began to rise and I left before the snow got sticky. A SW wind was moving snow along hyalite ridge, where there were numerous small loose dry avalanches. Winds were fairly calm in the basin but there evidence of wind transport.

Region

Northern Gallatin

Location (from list)

Divide Cirque

Observer Name

Nicholas Salsburg