

# Buried Surface Hoar layers near Two Top

Date

Mon, 01/23/2023 - 10:39

Activity

Snowmobiling

## Signs of Unstable Snow

### Recent Avalanches?

None Observed

### Cracking?

None Experienced

### Collapsing?

None Experienced

We observed a strong cohesive snowpack on a wind loaded slope NE of Two Top. But we noticed three separate buried SH layers. First 5cm from surface second @ 25cm third @55cm. These buried SH layers tend to be touchy. They are concerning in that the deeper layers rest above and below densely packed wind blown slab.

**Three separate layers of Buried SH within the top 100cm of the snow pack. The top layer @5cm from the surface is not worrisome at this time but with added snow in the future it has potential to become a problem layer. The second and third layer @25cm,@55cm,from surface could be human triggered, with the potential of a deadly slab avalanche.**

## Advanced Information

### Weather Summary

#### Cloud Cover:

Partly Cloudy

#### Temperature:

17°

#### Wind:

Light , SW

**New/Recent Snowfall:**

No recent snow

Upper elevations mostly sunny the past 2 days. Lower elevations experienced AM fog. Light winds. We noticed ridge top blowing snow.

## **Advanced Information**

**Weather Summary****Cloud Cover:**

Partly Cloudy

**Temperature:**

17°

**Wind:**

Light, SW

**New/Recent Snowfall:****Avalanche Observations****Avalanche Observation Comments:**

Observed several natural avalanches on NE ridge at Two Top below cornice in steep wind loaded terrain

**Snowpack Observations**

NNE aspect 8186ft, 44.62319, -111.24732, HS230, PWL buried SH@ 5cm, 25cm, 55cm from surface. First test, CTMsc@55 second test CTMsc@25. ECTN27@25



**Layer Depth/Date:** Jan.22,2023

**Weak Layer(s):** [Jan 5, 2023 \(SH\)](#)

**Comments:** Buried SH 5,25, 55, CTMsc@55, CTMsc@25 ECTN 27@ 25

Buried layers of SH. These layer's seem to be very widespread throughout the region. They are worrisome in that they could be human triggerd with deadly potential.

### **Terrain Use**

Our travel Plan to avoid any terrain greater than 30°. There are many options in this area to have a challenging ride without exposing the group to avalanche hazard.

Region

Island Park

Location (from list)

Two Top

Observer Name

Kevin Allred