

Persistent Slab Avalanches in Taylor Fork

Taylor Fork
Southern Madison
2/9/2025
Code
SS-AM-R2-D2-O
Elevation
9200
Aspect Range
E-N
Latitude
45.06070
Longitude
-111.27200
Notes

We rode into the Taylor Fork, down into the bottom of Sunlight Basin, across Carrot Basin and to the Wilderness Boundary. We saw four persistent [slab](#) avalanches that likely broke last weekend or at the beginning of the week. All appeared to be snowmobiler-triggered R1-2, D1.5-2 avalanches at broke of the January layer of near-surface facets and [surface hoar](#). Additionally, we saw one [wind slab](#) avalanche (R1, D1) in Sunlight Basin. This [slide](#) was fresh from this morning or yesterday.

We dug a crown profile for the persistent [slab](#) avalanche in Sunlight (attached). ECTN24 on the SH layer buried 50 cm (20") deep.

Number of slides
4
Number caught
0
Number buried
0
Avalanche Type
Soft slab avalanche
Trigger
Snowmobile
R size
2
D size
2
Bed Surface
O - Old snow
Problem Type
Persistent Slab
Slab Thickness
50.0 centimeters
Vertical Fall
100ft
Slab Width

200.00ft

Weak Layer Grain type

Surface Hoar

Weak Layer grain size

8.00mm

Images

[Avalanche in Sunlight Basin, Taylor Fork 2](#)

[Avalanche in Sunlight Basin, Taylor Fork](#)

[Sunlight Basin Avalanche Crown Profile - 13 February 2025](#)

[Stripe of Surface Hoar in Avalanche Crown - Sunlight](#)

[Persistent Slab Avalanche Carrot Basin](#)

[Snowmobiler-triggered Avalanche Sage Basin 2](#)

[Snowmobiler-triggered Avalanche Sage Basin](#)

[Alex Investigates an Avalanche in Taylor Fork](#)

Attached Videos

[Persistent slab and wind slab avalanches, Taylor Fork - 13 Feb 2025](#)

Snow Observation Source

[Wind Slab and Persistent Slab Avalanches](#)

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[24-25](#)