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