Natural Avalanches on Arden peak

Maid of the Mist
Northern Gallatin
3/3/2024
Code
HS-N-R4-D3-O
Elevation
9900
Aspect
E
Latitude
45.41140
Longitude
-110.98800
Notes

Skiers on 03/03/2024 saw several natural avalanches that happened near Maid of the Mist on Arden Peak. These avalanches likely happened between 03/01/2024 and the morning of 03/03/2024

From obs on 03/04/2024: "Continued signs of instability on a tour in Maid of the Mist Basin. A couple large collapses down low in the trees, wind slabs above tree line on variable aspects due to swirling wind up high. Large avalanche crown (10’ - 12’ in places) at the back of the basin which looked to have been trigger from cornice fall 3-4 days ago. ECTP 28 55cm off of ground on a 5cm thick layer of facets. Pit was dug on an east facing slope at 9,100 feet."

Number caught
0
Number buried
0
Avalanche Type
Hard slab avalanche
Trigger
Natural trigger
R size
4
D size
3
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness
120.0 inches
Vertical Fall
700ft
Slab Width

1420.00ft
Images
Arden Peak slide, 2
Arden Peak slide
Snow Observation Source
Arden Peak slide
Slab Thickness units
inches
Single / Multiple / Red Flag
Multiple Avalanches
Advisory Year
23-24