Large natural avalanche in Divide Basin, Hyalite

Divide Cirque
Northern Gallatin
2/14/2020
Code
HS-NC-R5-D3-O
Elevation
10000
Aspect
E
Latitude
45.39340
Longitude
-110.96900
Notes

1. Observed a sizable deep slab in the Divide basin which appeared to have run within the last few days. The crown extended from the southern end of the basin (northeast facing) through the summit run off Divide (southeast facing)--maybe around a mile. Slab height varied, with the upper end pushing 10 feet and the lower closer to a foot or two. On Divide, the crown approached the summit and debris had run across the flat to the mature trees. Looked like it may have been cornice triggered at the southern end on thinner cover in rocky terrain.

2. Skied the NE shoulder of Divide Peak. Spotted a 1/4 to 1/2 mile long crown spotted along the NE face of Peak 10,024, between Divide Peak and Hyalite Peak. We could not directly determine the crown height, but it was highly visible from our location ~1 mile away.

3. Several large avalanches along the west ridge of divide basin. Appeared to be set off by large cornice drops that propagated across the bowls and stepped down several feet into the snowpack.

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Hard slab avalanche
Trigger
Cornice fall
R size
5
D size
3
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer

Slab Thickness
48.0 inches
Vertical Fall
1000ft
Slab Width
2500.00ft
Images
Natural avalanche in Divide Basin_2
Natural Avalanche in Divide Basin_1
Divide southeast face debris
Crown south of Divide, and broken cornice
Crown south of Divide!
Avalanche crown in Divide Basin
Slab Thickness units
inches
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
19-20