Skier remote triggered in YNP near Cooke

Pebble Creek - YNP
Out of Advisory Area
1/2/2021
Code
SS-ASr-R2-D2-O
Elevation
9100
Aspect
SE
Latitude
45.02540
Longitude
-110.03100
Notes

Skiers triggered a slide remotely, from low angle terrain, on a 9100’ SE aspect. It was a 1.5'-2' deep soft slab (4F+ to F hard) that broke on weak sugary facets.

From obs: "Did a test pit at same elevation 30’ away on S asp in thin area (HS70cm). ECTN6 down15 on new snow interface & ECTN 16 down 35 on the 4F+DF/RG : F, FC interface. We skinned around to the shoulder heard/felt a whumph (similar magnitude/duration/est. dist prop to other whumphs occurring in the last 2 days) and saw the avalanche. Trigger distance ~15’ from first person."

Number of slides
1
Number caught
0
Number buried
0
Avalanche Type
Soft slab avalanche
Trigger
Skier
Trigger Modifier
r-A remote avalanche released by the indicated trigger
R size
2
D size
2
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness
60.0 centimeters
Weak Layer Grain type
Faceted Crystals

Weak Layer grain size
2.00mm
Slab Layer Grain Type
Decomposing and Fragmented precipitation particles
Images
Skier triggered slide crown in YNP near Cooke
Skier triggered slide in YNP near Cooke
Slab Thickness units
centimeters
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
20-21