Remotely Triggered Avalanche in Lionhead

Lionhead Ridge
Lionhead Range
1/9/2024
Code
SS-ASr-R3-D2-O
Elevation
8600
Aspect
NE
Latitude
44.71450
Longitude
-111.31800
Notes

While approaching Lionhead Ridge skiers intentionally triggered an avalanche on the steep E, NE facing terrain below the ridge. This likely happened on a buried layer of surface hoar. Lower down widespread cracking was observed that extended well in font of the skiers and on a less steep slope cracking in all directions 50' wide. Along the ridgetop cracking continued and sections of cornice fell and avalanched below.

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
3
D size
2
Bed Surface
O - Old snow
Problem Type
Persistent Weak Layer
Slab Thickness
18.0 inches
Vertical Fall
100ft
Slab Width
1000.00ft
Weak Layer Grain type

Surface Hoar
Weak Layer Hardness
F
Slab Layer Grain Type
Precipitation Particles
Images
Cornices breaking and avalanching on Lionhead Ridge
Top SH stripe is weakest, Lionhead
A 3-inch wide crack on Lionhead
Shooting cracks at Lionhead
ECTPV on Surface Hoar, Lionhead
Attached Videos
It's Pretty Sporty, Lionhead - 9 Jan 2024
Snow Observation Source
It is getting dangerous in Lionhead
Slab Thickness units
inches
Single / Multiple / Red Flag
Single Avalanche
Advisory Year
23-24