

# Natural Avalanche E Republic Mountain

Republic Mountain

Cooke City

3/6/2024

Code

HS-N-R2-D2-O

Elevation

8800

Aspect

E

Latitude

45.00030

Longitude

-109.95400

Notes

From obs: "East face of Republic Mountain above Erma Mine Cabins. 8800 ft natural avalanche just below the ridge. 3-4 foot crown, Apx 100' across, ran approximately 1000 feet down the creek bed. Appeared to be from earlier in the morning possibly when the avalanche slid off the north face of Republic, as it had a light dusting of snow over the debris. This start zone was just over the ridge from the North facing 9:14 am avalanche but I don't think the start zones were connected."

Number of slides

1

Number caught

0

Number buried

0

Avalanche Type

Hard slab avalanche

Trigger

Natural trigger

R size

2

D size

2

Bed Surface

O - Old snow

Problem Type

Persistent Weak Layer

Slab Thickness

36.0 inches

Slab Width

99.95ft

Images

[East face of Republic Mountain above Erma Mine Cabins, 3](#)

[East face of Republic Mountain above Erma Mine Cabins, 2](#)

[East face of Republic Mountain above Erma Mine Cabins](#)

Snow Observation Source

[Natural Avalanche in Cooke City](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Single Avalanche

Advisory Year

[23-24](#)