

Partial Burial on Sheep Mtn.

Sheep Mountain

Cooke City

2/19/2019

Code

SS-ASu-R3-D2-I

Elevation

10400

Aspect

NE

Latitude

45.07230

Longitude

-109.92800

Notes

From the email:

"At around 11 we ascended the slope north of sheep mountain and dug a pit at around 10,300' on a NE [aspect](#). Our pit was unresponsive. We skinned up to the summit of sheep mountain and dropped into the ENE spines directly off the summit. 3 turns into the slope, the entire 40° slope I was skiing propagated 12-18" deep and 250' wide. I tried traversing out to skiers left to a clean slope but that slope then propagated even deeper, 18-20" and another 150' wide. Once the larger [slab](#) started pulling my tips down I tried to point my skis downhill to gain some control and steer off the slope. Near the bottom of the face I had traversed onto there was a couple rocky outcroppings that I had to turn around, and the force of the liquid soft [slab](#) took me off my feet. I deployed my airbag pack, got hit with a couple waves of snow, and ended up on top with my skis and upper body/airbag above the snow. My partner above me had eyes on me for the entirety as well as a large group of sledders nearby, but it was still a scary experience. The [bed surface](#) was a hard crust that was not as obvious on the slightly more north [aspect](#)."

Multiple Avalanches

Number of slides

2

Number caught

1

Number buried

1

Number killed

0

Avalanche Type

Soft slab avalanche

Trigger

Skier

Trigger Modifier

u-An unintentional release

R size

3

D size

2

Bed Surface

I - Interface between new and old snow

Problem Type

New Snow

Slab Thickness

18.0 inches

Slab Width

400.00ft

Images

[Skier triggered avalanche on Sheep Mtn.](#)

Slab Thickness units

inches

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[18-19](#)