## Natural new snow slab avalanches, Cooke

Mt. Zimmer Cooke City 3/15/2020 Code SS-N-R2-D1.5-S Elevation 10000 Aspect Range All Latitude 45.11700 Longitude -109.89300 Notes

From e-mail on 3/15/20: "At around 1230pm today, everything that was steeper than 35 degrees in star Creek simultaneously slid on east, north, south aspects. Soft <u>slab</u> 6-12" in thickness. Prior to that, it had been snowing S5 for three hours"

Another email 3/15/20: " observed a round of natural s <u>slab</u> avalanches today, that seemed to run at about noon today on the north aspects of Mt. Republic. One was a couple hundred feet wide, and looked to happen within the new snow (6"? deep crown), but it stepped down to what appeared to be the new/old snow interface in a couple of spots as well. Significantly wide pro <u>propagation</u> d deep debris piles. The snow on Town Hill was cracking a lot early in the day around your skis, but seemed to settle relatively quickly,

Number caught 0 Number buried 0 Avalanche Type Soft slab avalanche Trigger Natural trigger R size 2 D size 1.5 Bed Surface S - Avalanche released within new snow Problem Type New Snow Slab Thickness 8.0 inches Vertical Fall 100ft Slab Width 150.00ft

Weak Layer Grain type Precipitation Particles Slab Layer Grain Type Precipitation Particles Images <u>New snow slabs avalanches near Cooke</u> Slab Thickness units inches Single / Multiple / Red Flag Multiple Avalanches Advisory Year <u>19-20</u>