Stability: Abundance Shoulder Alex Marienthal HS:151 Layer Notes: Cooke City 01/09/2025 - 12:50pm Air Temperature: PF:55 Co-ord: 45.06393N, -110.01105W MT Sky Cover: BKN Elevation: 9169 ft Slope Angle: 23° Precipitation: S-1 Aspect: 140° Wind Loading: previous Wind: Calm Specifics: Pit is adjacent to avalanche: other; Recent avalanche activity on similar slopes; Recent avalanche activity on different slopes Crystal ρ Size Moisture kg/m^a Stability tests & Laye Form 151 140 130 120 110 100 90 80 70 60 50 40 V 6-10 30 20 1-2 10 2-3 ECTX 0 κ P 1F 4F F

Notes: Pit dug on the south shoulder of Mt. Abundance. When we rode away we saw a fresh small avalanche, 3'deep x 10' wide that we suspect we triggere angle ridge above. About 45 minutes later, from a couple miles away, we saw a 4-6' deep avalanche that happened since we had been there 1000' or from our pit.

Advisory Region Cooke City Longitude -110.01W Latitude 45.06N Cooke City, 2025-01-09