

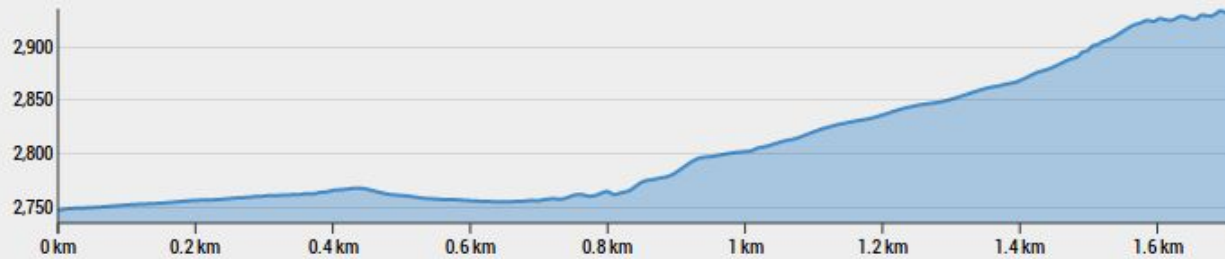
Tools and Travel Techniques





Plan your route:

- Avalache Terrain/Paths/Slope Angles
- Terrain Traps/Consequences
- Terrain to avoid from the Advisory



Route DELETE X

Route Name 1.709 km
55 min

Editing Auto-waypoint [GPX](#) [PDF](#)

NET ELEV +185 m VERTICAL +232 m / -47 m

SLOPE AVG: 9° / MAX: 31°

ASPECT AVG 48° NE

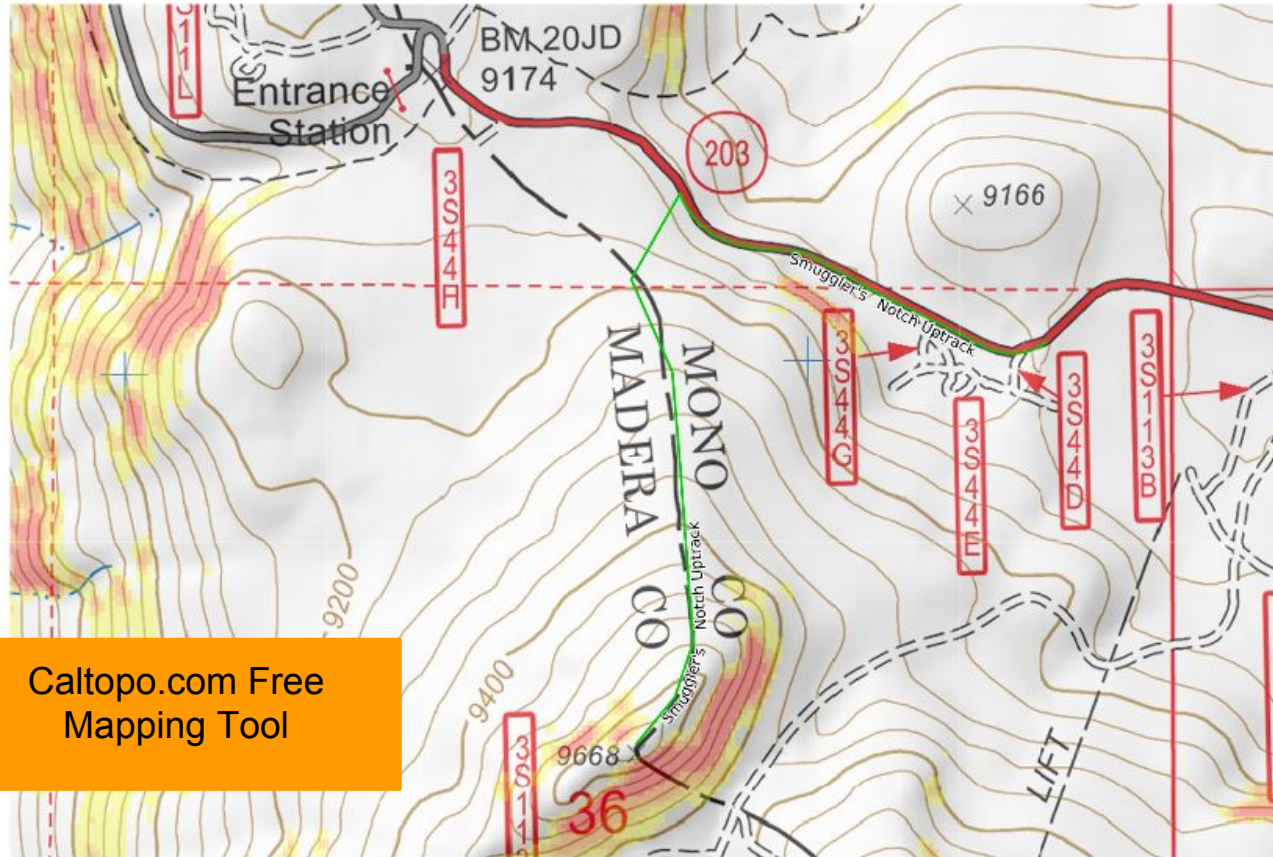
MUNTER RATE: UP DOWN ?

R1

DISTANCE: 1.709 km
TIME: 55 min
BEARING: 238° SWbW
NET ELEV: +185 m
VERTICAL: +232 m / -47 m
SLOPE: AVG: 9° / MAX: 31°
ASPECT AVG: 48° NE

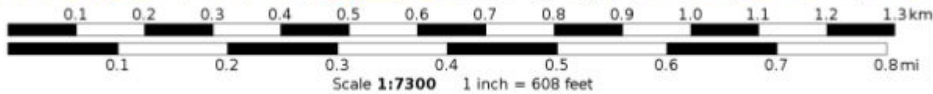
R2 1.709 km
55 min

Avanet.com Free Pro Membership Route Features



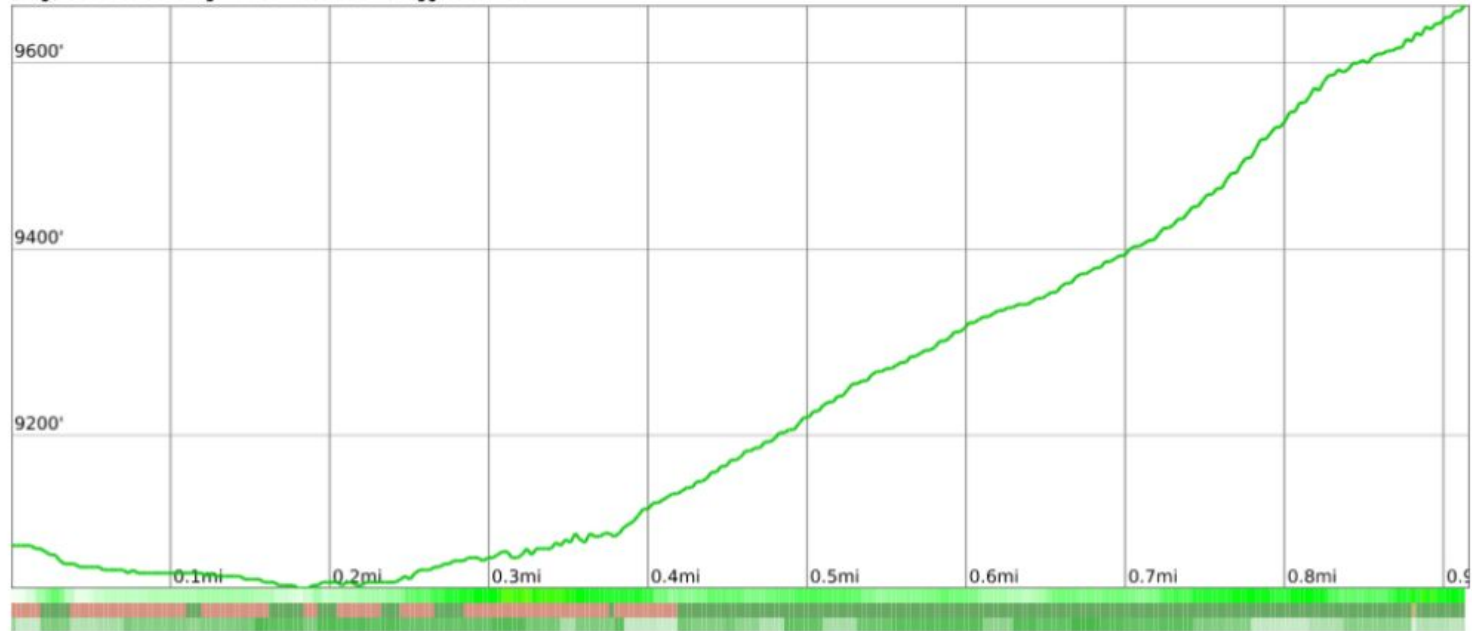
Caltopo.com Free Mapping Tool

Mercator Projection
WGS84
USNG Zone 11SLB
Caltopo.com

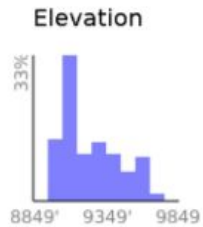


Smuggler's Notch Uptrack

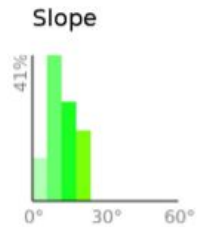
range 9035' to 9662' gain 702' loss 121' exaggeration 3x



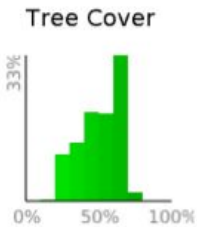
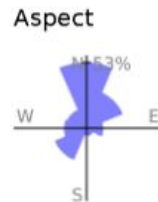
Slope Angle (top), Land Cover (middle), Tree Cover (bottom)



Min 9035'
Avg 9239'
Max 9662'
Delta 627'



Min 1°
Avg 12°
Max 23°



Forest 64%
Developed 35%



Smuggler's Notch

Use terrain Photos/Google Earth in combination with mapping

Google Earth

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Tour Guide 1993

Imagery Date: 6/26/2016 37°38'50.55" N 119°02'55.44" W elev 2822 m eye alt 3.27 km

ALP TRUTh Method for Ruling Out Terrain

1. Avalanches
2. Loading by snow/wind/rain
3. Path? Is it avalanche terrain? Are you in the run out?
4. Terrain Traps? What are the consequences?
5. Rating? Does the advisory imply that the Danger Rating is Considerable or Higher?
6. Unstable snow--has there been cracking/whumphing/etc?
7. Thaw--is there rapid or prolonged warming?

1-2/7: Caution

3-4/7: Extra Caution

5-7/7: No Go

AVALANCHE CONDITIONS

Regional Danger Rating: Is the avalanche danger rating "Considerable" or higher?	+1
Persistent Avalanche Problem: Is there a persistent or deep persistent slab problem in the snowpack?	+1
Slab Avalanches: Are there signs of slab avalanches in the area from today or yesterday?	+1
Signs of Instability: Are there signs of snowpack instability including <i>whumpfs</i> , shooting cracks or drum-like sounds?	+1
Recent Loading: Has there been loading within the past 48 hours including roughly 30 cm of new snow or more, significant wind transport or rain?	+1
Critical Warming: Has there been a recent rapid rise in temperature to near 0 C, or is the upper snowpack wet due to strong sun, above-freezing air temperatures or rain?	+1
Avalanche Conditions Score:	<input type="checkbox"/>

TERRAIN CHARACTERISTICS

Slope Steepness: Is the slope steepness between 30 and 35 degrees?	+1
Or Is the slope steeper than 35 degrees?	+2
Terrain Traps: Are there gullies, trees or cliffs that increase the consequences of being caught in an avalanche?	+1
Slope Shape: Is the slope convex or unsupported?	+1
Forest Density: Is the slope in the alpine, in a sparsely treed area or in open forest (cut-block, burn, wide-spaced glades)?	+1
Terrain Characteristics Score:	<input type="checkbox"/>

Visit www.avalanche.ca for more information.

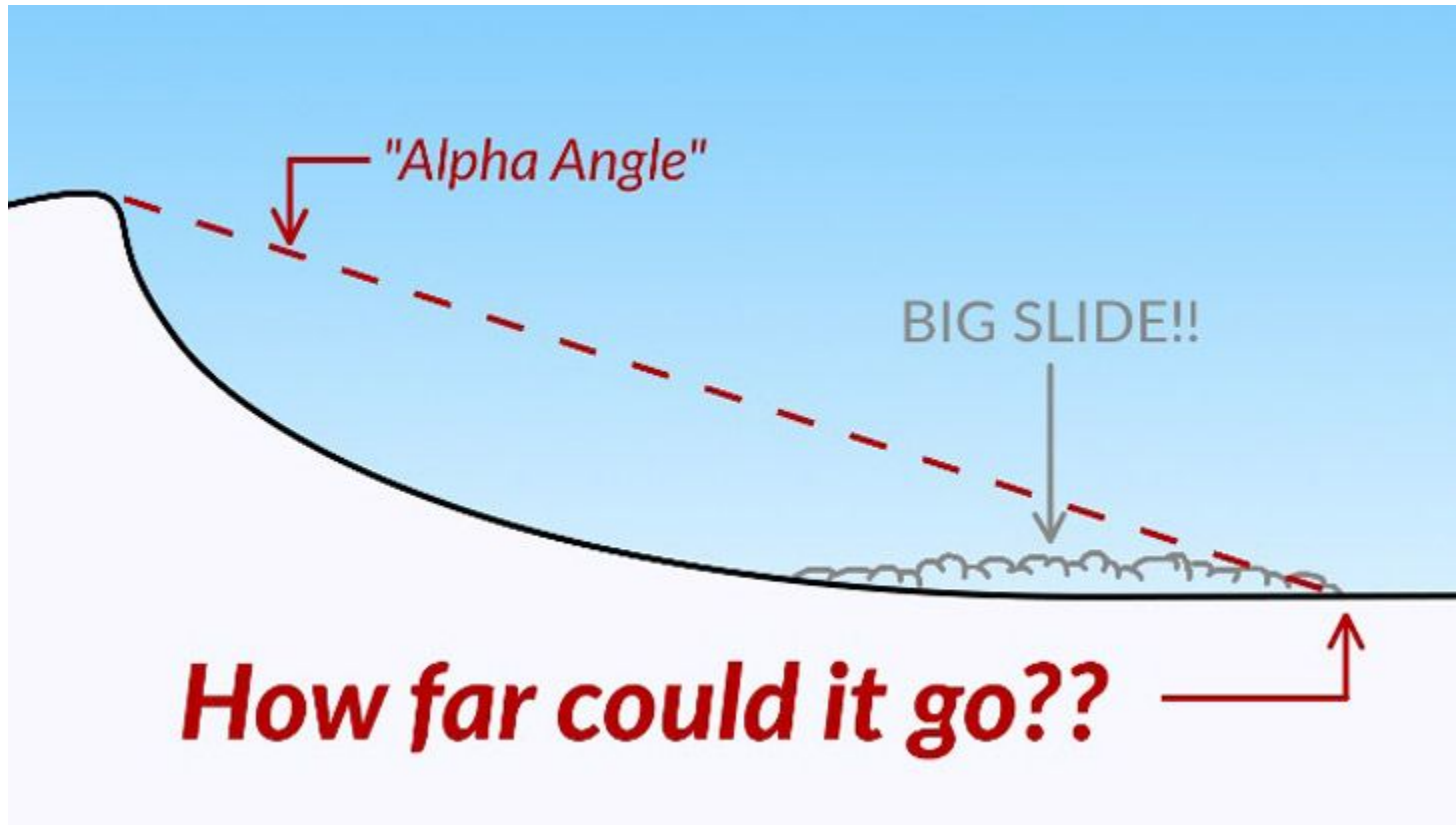


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Anomalies in terrain and avalanche conditions may exist.

Users of the AVALUATOR™ assume their own risk.

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20° is the average in the Sierra