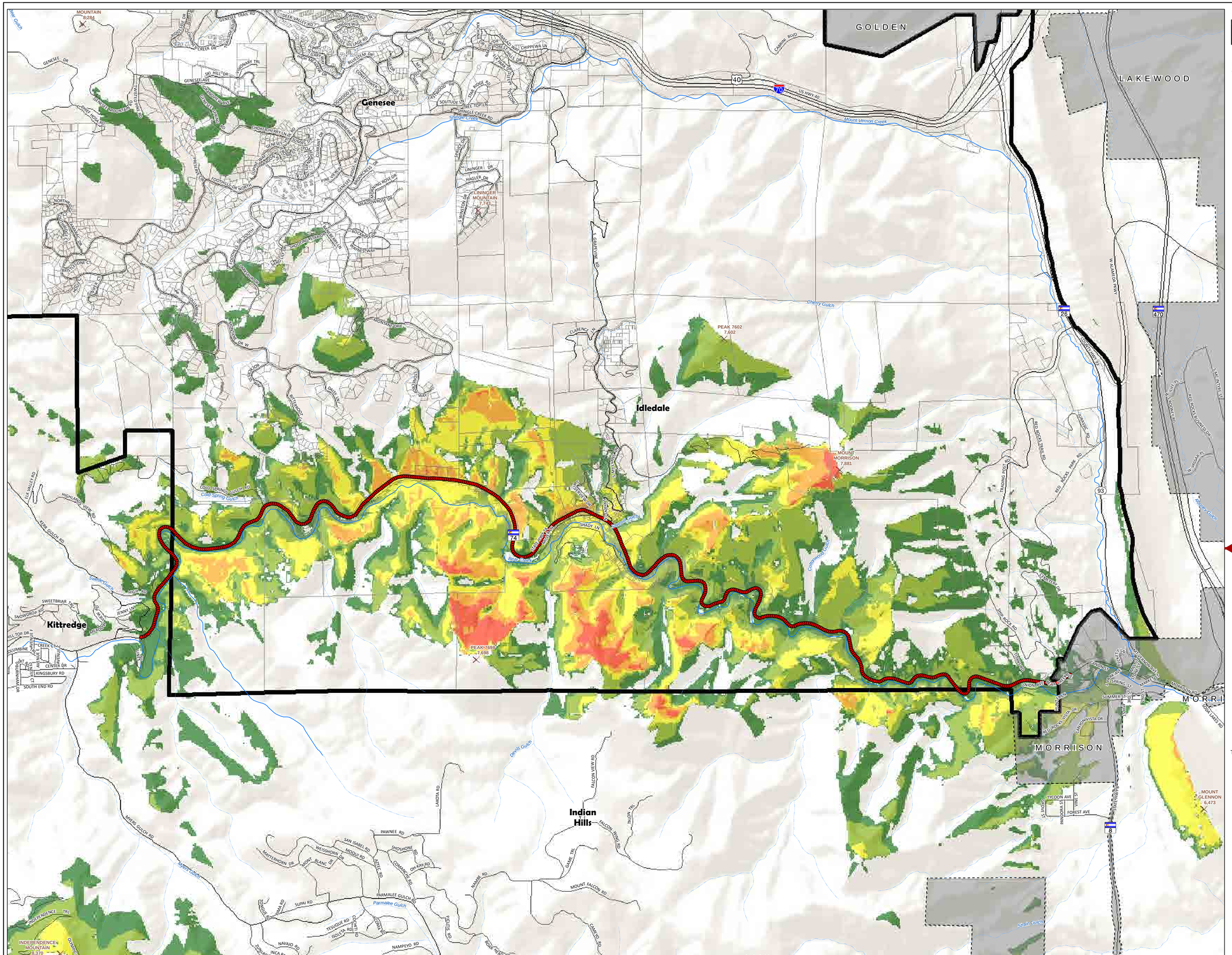
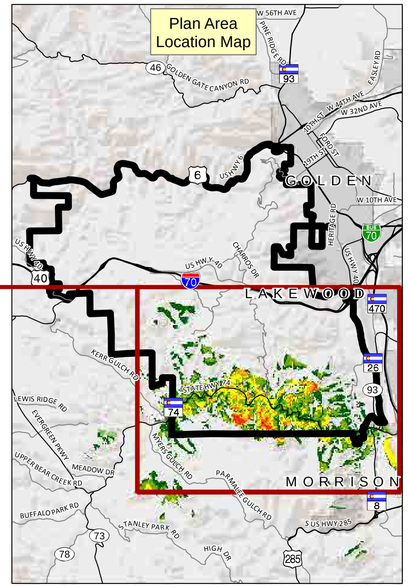


CENTRAL MOUNTAINS COMMUNITY PLAN Update

ST HWY 74 Viewshed Analysis

Legend:

- Not Visible
- Less Visible
- |
- More Visible
- |
- Most Visible
- 50 ft points used for analysis
- Parcels
- Central Moutains Area Plan Boundary
- Summits and Elevation
- Perennial Stream
- Intermittent Stream
- Cities



* Viewshed data calculated using ESRI ArcGIS 10, 3D Analyst, Viewshed Tool based on a U.S.G.S. 10 meter Digital Elevation Model as the surface. The tool determines the raster surface locations visible to a set of observer features. The features in this example are 759 points along the stretch of Hwy 74, placed in 50 foot intervals. The visibility of each cell center is determined by comparing the altitude angle to the cell center with the altitude angle to the local horizon. The local horizon is computed by considering the intervening terrain between the point of observation and the current cell center. If the point lies above the local horizon, it is considered visible. This analysis does not consider vegetation, which may decrease the viewshed. A 4-foot z-value was used for estimated driving eye level.

NORTH

0 0.25 0.5 1 Miles

Jefferson County Planning & Zoning
100 Jefferson County Parkway, Suite 3500
Golden, CO 80419 - 303.271.8700
Stateplane Coordinate System
Colorado Central Zone
Datum: NAD83
December 3, 2012

This map has been prepared from the best available records. However, this product is sold "as is" and there is no express or limited warranty of any kind from Jefferson County for the completeness, accuracy, or correctness of this information, including but not limited to warranties of title or merchantability or fitness for a particular purpose.

Jefferson County shall not be liable for damages of any kind arising from use of this product or for any errors or inaccuracies.

The map is 1:50,000 accuracy and is for planning purposes only.