# Mesa County GIS Viewer
# Quick-Start Guide

Measure and draw

More information

Change between imagery
and default base map

Use and create bookmarks

View data layers

Search the map

Imagery  Legend  Measure  Query  Bookmark  Print  Help

Select Map

Search By...

Print the map

Expand and collapse
Social share tools

Display the map legend

Share

Perform attribute and
graphic queries

Share the map via email

Zoom in
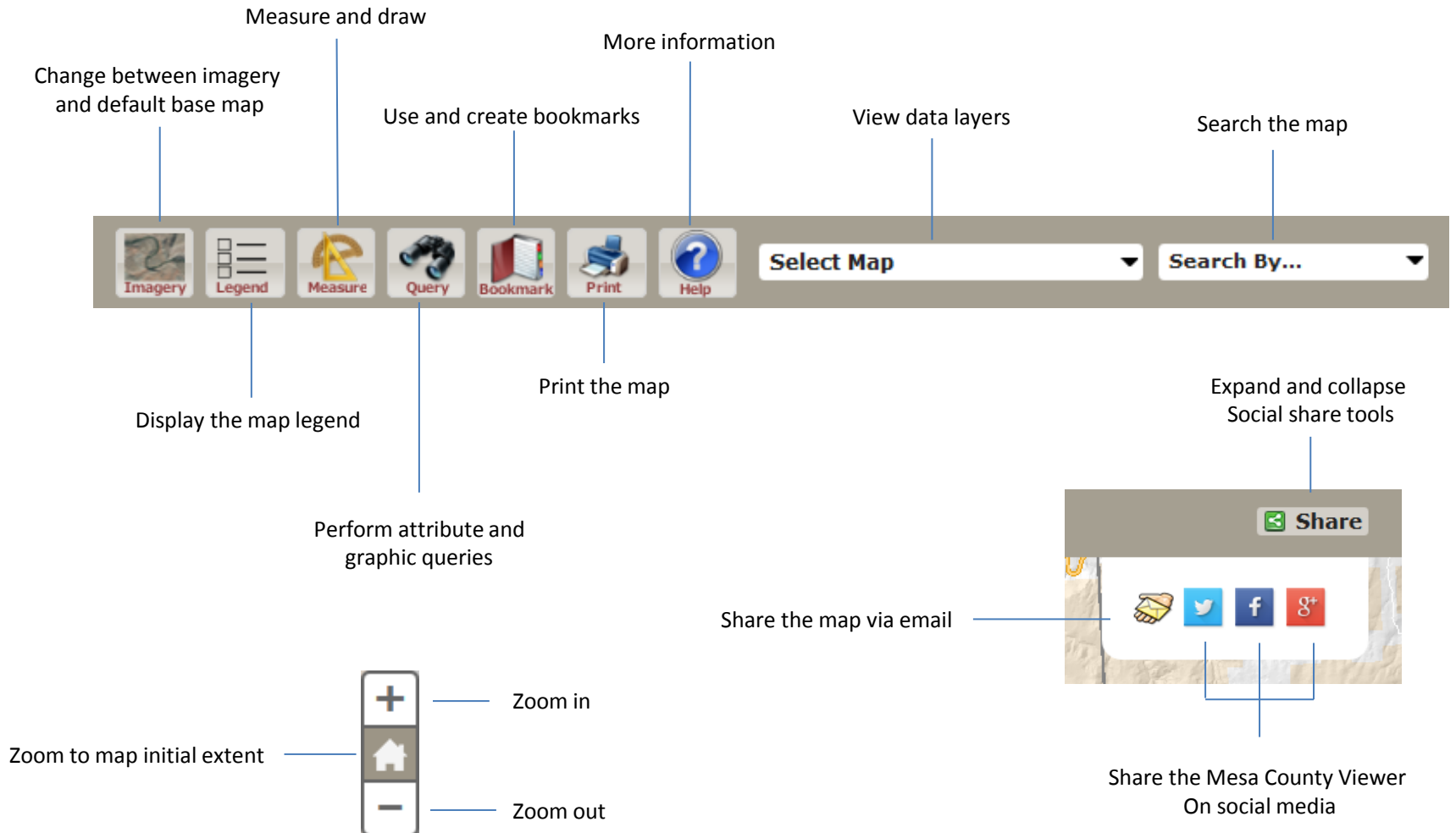
Zoom to map initial extent

Zoom out

Share the Mesa County Viewer
On social media

# Menus

**Map themes** are simply collections of related data layers. Once you have selected a theme you can click on the map to retrieve the theme's data.

**Select Map Theme** ▼
- eAssessor (Parcel Info)
- Body Art Establishments
- Demographics
- Districts and City Limits
- Engineering Tech Docs
- Enterprize Zones
- EPOM
- Flood (FEMA)
- Future Land Use
- Land Development Projects
- Load Limit/Escort Reqs.
- Mosquito
- Noxious Weeds
- Persigo Agreement
- Political Boundaries
- Property Sales
- Schools
- Septic Systems
- Sheriff's Patrol Areas
- Soils
- Stormwater Urbanized Area
- Survey Plats, ROW and GPS
- Topography
- Traffic Cameras
- Trails
- Vacant Parcel Inventory
- Zoning

**Search By...** ▼
- Address
- Road Intersection
- Account Number
- Parcel Number
- Subdivision
- PLSS
- Place Name
- Latitude/Longitude

**Search by** any of eight methods to find the data you are looking for.

If a map theme has configurable layers, a layer list will appear on the map. Clicking the check box next to the layer will turn that layer on. Clicking the box again will turn the layer off.

- ☐ Subdivision Plats
- ☐ Deposit Surveys
- ☐ Historic Surveys
- ☐ GLO Plats

- ☐ Deeded ROW
- ☐ Dedicated ROW/Platted ROW
- ☐ Permanent Easement ROW
- ☐ Vacated ROW
- ☐ Road Book/Petitioned ROW
- ☐ Road Proc 1890/1892

- ☐ GPS SIMS(Mesa County)
- ☐ GPS SIMS(Delta County)
- ☐ Survey Monuments
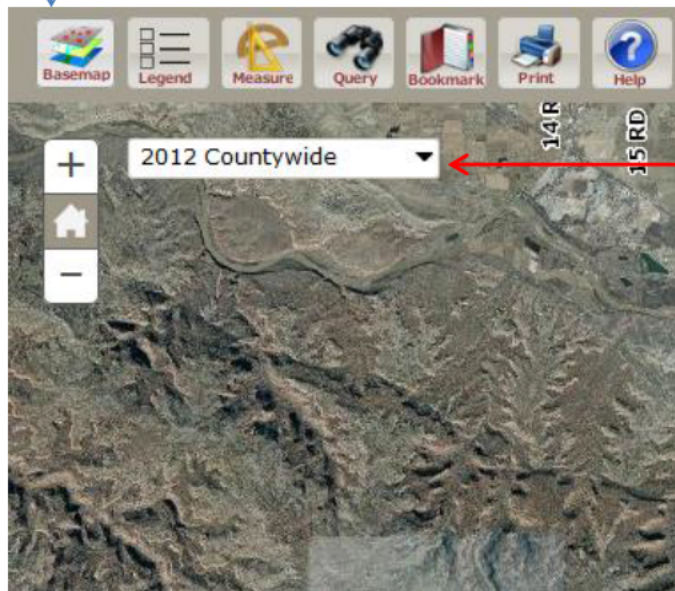- ☐ Survey Calibration [Zoom]
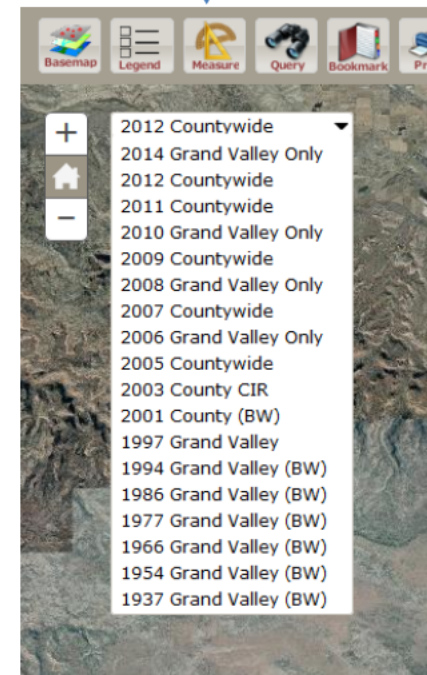- ☐ Vertical Datum Differences

# Imagery/Base map

Clicking on the Imagery button switches from the default base map

The Imagery button is now changed to the default base map button. Clicking this button will turn off the imagery and return you to the default base map.
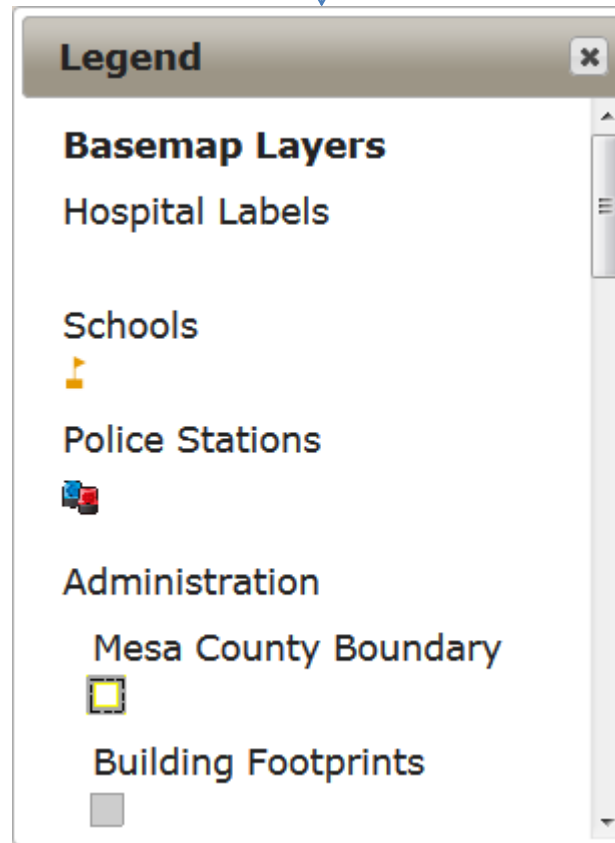
Basemap  Legend  Measure  Query  Bookmark  Print  Help

2012 Countywide

Clicking the base map dropdown menu reveals the imagery years you can choose.

Basemap  Legend  Measure  Query  Bookmark  Print

2012 Countywide
2014 Grand Valley Only
2012 Countywide
2011 Countywide
2010 Grand Valley Only
2009 Countywide
2008 Grand Valley Only
2007 Countywide
2006 Grand Valley Only
2005 Countywide
2003 County CIR
2001 County (BW)
1997 Grand Valley
1994 Grand Valley (BW)
1986 Grand Valley (BW)
1977 Grand Valley (BW)
1966 Grand Valley (BW)
1954 Grand Valley (BW)
1937 Grand Valley (BW)

# Legend

Clicking on the legend button opens the legend

## Legend

**Basemap Layers**

Hospital Labels

Schools

Police Stations

Administration

Mesa County Boundary

Building Footprints

The legend shows the names and symbols for the layers that are currently turned on for the map.

# Draw/Measure

Clicking on the draw/measure button opens the draw/measure tool

## Draw/Measure

**Select a Draw Tool:**

Select a shape to draw on-screen or select the A to annotate your map

☑ Enable Measurement?

If the Enable Measurement box is checked you will see the area, perimeter or length associated with the shape you draw

Unit of Measure  Acres ▾

Press **CTRL** to enable snapping.

Holding down the Ctrl key (Cmd on Mac) while you draw will allow your vertices to snap to map theme features

Measurement Results

Area:
Perimeter:

Measurement results will be displayed here and on the map

Clear All     Close

Closing the draw tool will not clear the graphics and measurements on the map

The Clear All button clears graphics and annotation from the map

# Attribute Query

Clicking on the query button opens the attribute query tool.

Switch to graphic query

**Attribute Query** Location Query

Close the window

Choose a layer to query

Layer: None Selected

☐ Select From Within the Map Extent

Choose this box to only query within the current map extent

Fields:

Appropriate fields will display after a layer is selected

Choose the field to be used for the query

Like   And   Or   Not   Is   NULL   IN
=   <>   >   <   >=   <=   ()

Get Examples

Use the operator buttons to help quickly build a SQL statement

Your SQL "where" statement goes in this box

Where:

Submit Query   Clear   Help

Get help building SQL queries

After building you query hit the enter key or click the submit query button

Clear the query

# Location Query

**Attribute Query** | Location Query | ✖
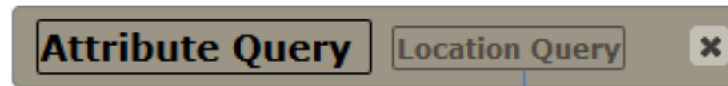
Clicking on the location query button from within the attribute query tool opens the location query tool.

Switch to attribute query

Attribute Query | **Location Query** | ✖

Close the window

**Layer:** Parcels ▼

Choose a layer to query

▶ Add buffer to query

Additional query filters
(see next page)

▶ Filter by attributes

Choose a drawing tool to perform your query with

Checking this box clears the previous query when a new query is performed

☑ Clear Previous Graphics

Clear | Close

Close query dialogs

Clear the map query results

# Expanded Location Query

**Enter a buffer distance and a unit of measure**

**Choose a field to build your SQL statement**

**Click an operator button or type your own in the where box**

**Build your SQL "where" statement**

**Toggle one or both filters on and off by clicking "Add buffer to query" and "Filter by attributes"**

Attribute Query | **Location Query** | ✖

**Layer:** None Selected ▾

▶ Add buffer to query

**Buffering Distance:** [　　] Feet ▾

▶ Filter by attributes

**Fields:**

The Fields box populates
After a layer is selected

Like | And | Or | Not | Is | NULL | IN

= | <> | > | < | >= | <= | 0

**Where:** [　　　　] Clear

☑ Clear Previous Graphics

Clear | Close

# Query Results



**Query Results**

**Trials**

Display By: ROUTE_NAME
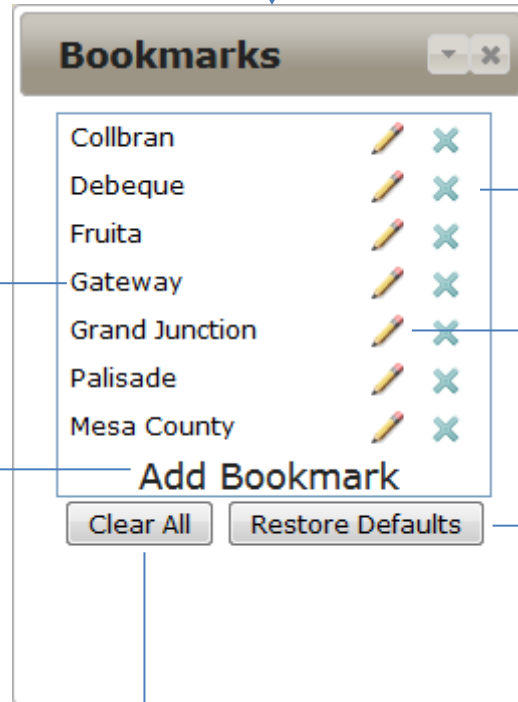
- ▶Flume Canyon
- ▶Devils Canyon
- ▶Ute Canyon
- ▶Echo Canyon
- ▶Billings Canyon Access Rd
- ▶DEVILS CANYON 7469.0
- ▶BOX CANYON SPUR E 7893.1E
- ▶Billings Canyon Access Rd
- ▶COUGAR CANYON 7586.1E
- ▶Rough Canyon
- ▶SWAMP CANYON 5634.0
- ▶BOX CANYON SPUR C 7893.1C
- ▶Canyon View

↰ Back to query     CSV     Close

Close the window

Change how results are displayed

Click on any result heading to zoom to the feature and display feature attributes

Return to the query dialog

Close the query tool

Download your results to a CSV file

# Bookmarks

Click on the bookmark icon to display the bookmark widget

## Bookmarks

Close or minimize the window

- Collbran
- Debeque
- Fruita
- Gateway
- Grand Junction
- Palisade
- Mesa County

**Add Bookmark**

Clear All    Restore Defaults

Click the X to delete the bookmark

Click on any bookmark name to zoom to that map extent

Click the pencil icon to edit the bookmark name

Click Add Bookmark to create a custom bookmark at any extent

The Restore Defaults button will delete all custom bookmarks and restore the default bookmarks in the widget

The Clear All button will delete all custom bookmarks permanently and all default bookmarks during the current map session

# Export for Printing

Click on the printer icon to display the print tool

## Export For Printing

Close the window

### Print Size and Format:

Chose a print size and orientation

11 x 17 Landscape ▼    PDF ▼

Choose the format you want to export to

Check this box if you want the legend printed with the map

☐ Include Theme Legend

Title: Mesa County Map

Type in this box to change the default title

Export        Close

Close the print dialog

Click the print button to begin the export

Note: This tool exports the map to your chosen format and opens it in a new window. Use your browser's native printing capabilities to send the map to your local printer

# Context menu (Right-Click)

Right clicking on the map will display a context menu. There are three tools on this menu that all correspond to the point you right-clicked on the map.

Opens a new window and shows Google Street View

Copy the location's UTM coordinates to your clipboard

Google Street View

Copy Geographic Coordinates

Copy UTM Coordinates
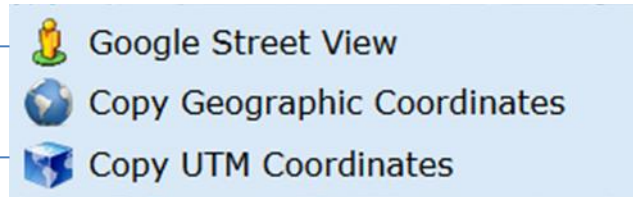
Copy the location's geographic (latitude/longitude) coordinates to your clipboard