What’s New in PimaMaps?

Layer filtering, selection options, and more!
Layer Filtering

Layer filtering (searching) is now available. By entering all or part of a layer name in the filter box on the layer panel, users can narrow down layer options to quickly find information. Filter results will show both layer groups and layers within a group that contain the term entered into the filter box.

- Filter Box
- Full Layer List
- Search term entered into filter box. Example: Plan
- Filter results returned include layer groups, and if layers within the group contain the search term within the title, the group is automatically expanded to reveal those layers. Click the box next to the desired data to make the layer visible.
Change Layer Drawing Order

Click the action panel menu to reveal options. A new feature is the ability to change the layer drawing order. Selecting this option will allow the user to view the available layers and drag and drop to move layers in the drawing order.
Toolbar Options

Show tool bar

Hide tool bar

Toggle tool labels on and off. Turn it off to make the toolbar more compact.
Improved Display and Drawing Tool Style Options

Instructions for activated tools will display at the top of the map.

The Style Options for drawing tools have been updated and expanded. Activate the Styles option in the expanded toolbar options to view choices. Users can explore many options for multiple drawing tools.
Categorized Search Results

Search box (1) results are displayed by category, and can be expanded to view detailed results. In this example, the word ‘saguaro’ was entered into the search box on the upper right of the screen. The results panel (2) shows a list of categories that contain ‘saguaro’ and the number of results in each category. Clicking on the arrow (3) on the Parks and Recreation category will expand the category, listing all items from the Parks and Recreation layer that contain the search term (4). Some categories may contain more than 1 page of results, such as the Parcels (5) category in this example.
Improved Query Tools

The Query tool allows users to create a custom search. The Data Source in the Query Panel is the layer containing the data to be queried. This layer must be turned on in the map to return results. Click the dropdown to view selectable layers.

This sample Query shows the Data Source as School Districts, and a condition clause where *District Name contains Tucson Unified*. Users can view query options by selecting the dropdowns for each section of the conditional clause (commonly referred to as a “where clause”). Each box in the Condition section (where clause) requires an input. Click the dropdown on the first box (1) to show search terms available within the data source. The second box contains an operator (2), also accessed by clicking the dropdown. The third box will show available options (3), based on the search term, if you click inside the box. Clicking the *Add Condition* option will add a new where clause.

The Map Area dropdown allows you to choose the extent of the map area to be searched. If you do not want to query all features in the layer, zoom in to the area you want to search and select *Current Extent* from this dropdown.
Interactive Selection Tools and Improved Query Results Display—Polygon Data Results

Results returned from interactive selection tools will display based on the data type in the selection layer and the tool used. The results, shown right, display a polygon highlighted in yellow on the map because the data source layer used in the query contained the boundaries of school districts in the county. If the data source was set to the *Schools by Class Level and Type* layer, point data would be returned, as seen below. This layer contains address points.

Remember that when multiple pages of results are returned, only the results in the current page will be highlighted on the map. If the list is long, and refined results would be beneficial, the user can return to the Query Builder panel and add additional conditions to the search or change the map extent.
Interactive Selection Tools and Improved Query Results Display-Point & Line Data Results

An interactive selection using the line selection tool will display categorized results in the results panel. Results within each category may display differently, depending on the data type of the layers available for selection. For example, Parcels will display highlighted polygons. Streets will display highlighted lines. Layers containing Address points will display points if the line you draw crosses the exact point. Using a buffer can increase point results when using the line tool query.

Remember that results will only be returned for active (visible) layers.
Improved Query Results Display - Point & Line Data Results

Querying a point data layer, such as Parcel Address Points, will return a list of point results. Hovering over a record will highlight the associated feature in the map.

The panel action menu allows users to change from a list of results to a table view. Hovering over results in table view will still highlight the associated feature.
Improved Query results with In-Table Editing

Table view offers additional editing. Columns and rows can be removed from the data results. To remove a column, click on the ‘x.’ To remove a row, click the 3 dots and select ‘remove from results.’
Panel Action Menu Options

The Panel Action menu is available on both list and table view and contains several options. Scroll through the list to see the choices.

Panel Action Menu Options
1. Switch to Table View (see previous page for more information)
2. Zoom to All-
3. Show Buffer Options
4. Select All
5. Export to CSV (for download)
6. Export to XLSX (for download)
7. Export to Shapefile (for download)
8. Save Results/Open Saved Results- for use in PimaMaps (does not download)
9. Combine Results
10. Remove From Results