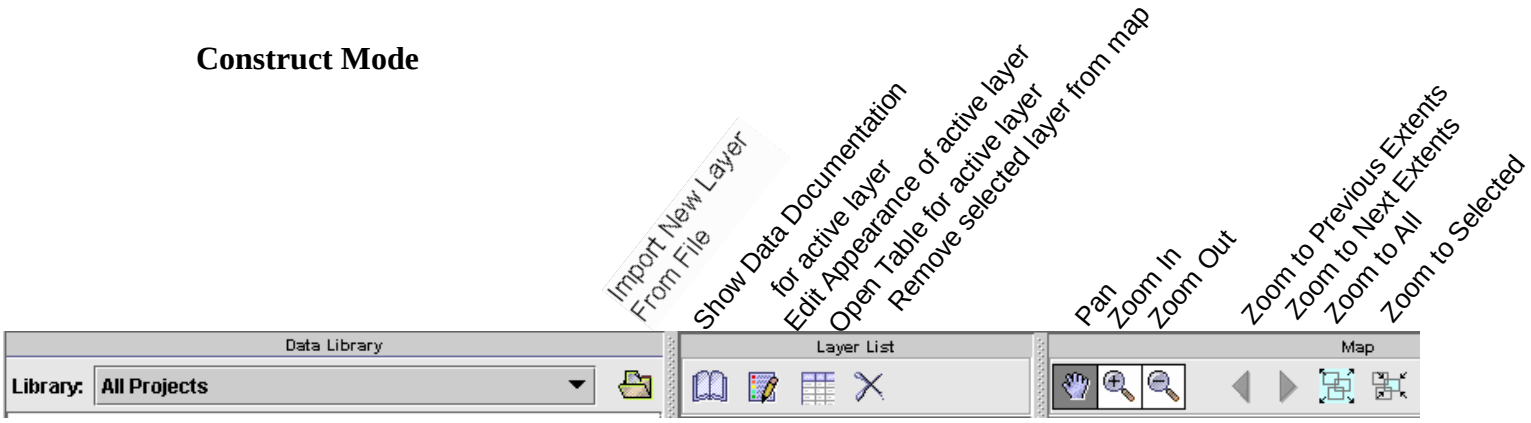
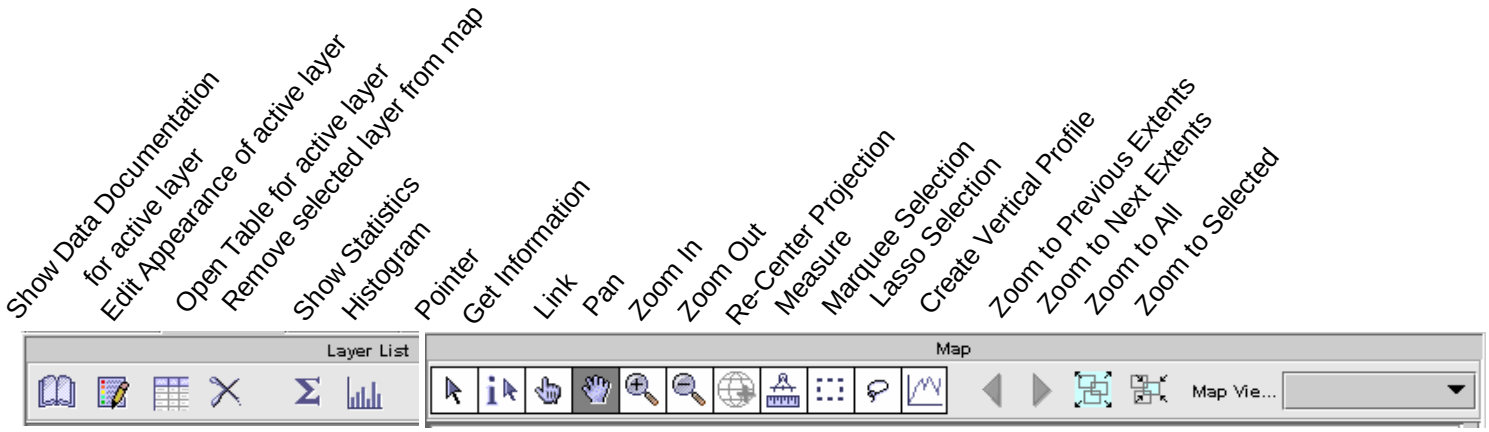
My World GIS 4.1 Quick Reference

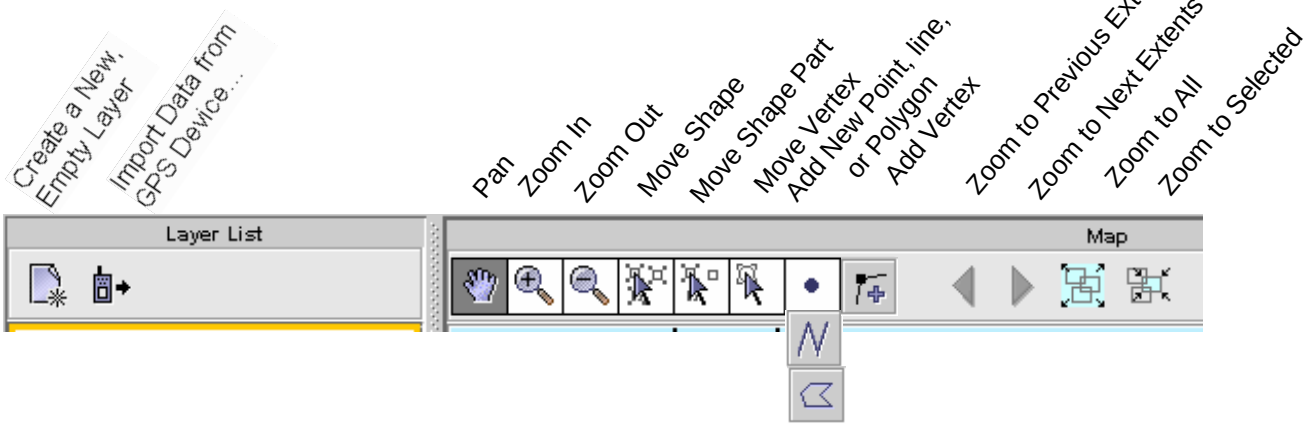
Construct Mode



Visualize Mode



Edit Mode



Analyze Mode

Select	
By Value	Find records in layer based on the value of a specified field
By Comparing Values	Find records in layer by comparing values of two or more fields for each record
By Spatial Relationship	
By Distance	Find records that fall within a specified distance of any record in the layer
By Crossing	Find records in a layer that contain one or more records in another layer
By Containment	Find records in a layer that overlap or cross any record in the layer
By Latitude & Longitude	Find records in a layer that lie entirely within a certain rectangle
Combine	
Intersect	Make a new polygon out of any areas covered by two polygon layers of your choice
Union	New polygon layer combining all records of two polygon layers
Subtract	New polygon layer of the area covered by one polygon layer that are not covered by another polygon layer
Clip Features	New layer containing the records of one layer that fall within the boundaries of another polygon layer
Add Field(s) To layer	
By Math Operation	Add a new value to each record of a layer using various math equations
By Copying Values	Add a new value to each record of a layer by copying values from one layer contained by another.
By Reclassifying	Add a new field to a layer by dividing one set of records into new classes, defined by the user
By Computing Distance	Add new values to each record of a layer by computing its distance to the nearest record of a layer in specified units defined by the user
Create Chart	
Scatter Plot	Compares a layer's different records by using a graph
Vertical Profile	Creates a new Vertical Profile of a field for a layer with a Y value using user defined lines from another layer
Make Buffer Around...	Make a polygon layer where the border of the polygon are a specified distance from the records in a layer
Dissolve	Make a new layer with features with the same name in a layer are merged together
Summarize	Make a new table with records from a label summarized by another field from that layer's table
Advanced	
Convert Selection to Layer	Create a new layer that contains only the records in a selection
Convert Polygons To Points	Create a new point layer with one point at the center of each polygon record for a layer
Make New Grid	
By Interpolation	Make a new grid layer where the value of each grid cell is an estimate of a field value for a point layer
By Counting (density)	New grid layer with the values of each grid cell include the number of points in a layer that occur
By Resampling An Existing Grid	Make a new grid layer by changing the resolution of an existing layer
Make Lines/Polygons from Grid	**S**
By Selection Boundary	Create a new polygon layer whose boundary is the border of a grid selection
By Contour Lines	Create a new line layer where each line represents a single value of a layer