

Common Tasks in EMAP

These tasks are grouped by the thing acted upon.

The most common tasks in EMAP are to open the database, load themes, and control the display of themes. Copying the map to a graphics program and performing spatial queries are also common.

Task	Window(s)	Menu or command button
Opening a database	MapCabinet	File Open Database... or File (Most-recently-used file list)
Closing a database	MapCabinet	File Close Database
Refreshing the list of tables and queries	MapCabinet	File Refresh Database
Choosing a different INI file	MapCabinet	File Open INI file... Only useful if you share a computer or just edited the INI file.
Loading user preferences	MapCabinet	
Loading themes that are already defined	MapCabinet	Open or File Open Themes...
Un-loading themes	MapView	File Open Themes...
	MapCabinet	Unload (after selecting theme)
		File Discard all themes
Re-loading themes	MapCabinet	Reload (after selecting theme)
Getting information on themes	MapCabinet	Select theme and information is shown
	Other programs	ThemeDefEditor=ThmDfEdt.exe, Merlin, MS Access (table zWheattblThemes)
Pasting theme definitions from the Clipboard	MapCabinet	Paste
	MapView	File Paste Theme Definition and Load
		This is used after copying a theme definition to the Clipboard in another program.
Defining new themes	MapCabinet	File New Theme Type EMAP3STD and higher
	MapCabinet, Manual	Enter SQL statements into the Direct Access to SQL area of MapCabinet and use Load from SQL.
	Other programs	Can also use ThemeDefEditor, Merlin, or direct entry into the table zWheattblThemes
Saving theme definitions	MapCabinet	Save, File Save theme definition, other programs
Limiting loading of themes to a particular area	MapCabinet	Options page, drag a rectangle to Limit to box, or enter a rectangle and hit Enter. Click on Load All resume loading everything (default)
	Load Themes	Same as on MapCabinet Options page
Loading a theme with the same name as another theme already loaded	MapCabinet	Options page, check <i>Load themes even if there is already a theme with the same name</i>
	Load Themes	Same as on MapCabinet Options page

Task	Window(s)	Menu or command button
Viewing maps	MapView	
Zooming	MapView	View menu
Zooming in or out	MapView	View Zoom In CTRL-I View Zoom Out CTRL-O
Changing how much to zoom in or out	MapView	View Zoom Step Size controls how much to zoom in or out or move when shifting , but does not zoom or shift
Zooming by dragging a box	MapView	View Zoom by Rectangle, or set <i>Mouse Use</i> to <i>Zoom</i> , then drag a rectangle on the map
Zooming all the way out	MapView	View Zoom All the Way Out CTRL-W
Changing “All the Way Out”	MapView	Options page Enter new rectangle in All the Way Out box and hit ENTER, or drag another BoundsBox (usually ViewBounds) onto the textbox
Moving/Shifting the view	MapView	View Shift (Direction) commands CTRL-(R L U D) Scroll bars on Map page
Changing how far to shift	MapView	View Zoom Step Size controls how far to move, as a percentage of the active ViewBounds
Returning to previous view region	MapView	View Previous View Region or CTRL-P
Specifying the view area with coordinates	MapView	Option page, enter the coordinates in the ViewArea text box and hit Enter View Specify View Region... enter coordinates in text boxes and hit Enter View Specify View Region...
Zooming to a named view region	MapView	
Saving a view region as a named view region	MapView	File Save View Region... View Specify View Region...
Setting the map scale	MapView	Options page. Alternatively, in the scale-factor box at the lower right of the Map page, enter the desired scale factor and hit Enter.

Task	Window(s)	Menu or command button
Drawing a scale bar	MapView	Options page
Drawing a coordinate grid	MapView	Options page Draw graticule View Draw graticule
Changing the background color of a map	MapView	Options page
Stopping map re-drawing	MapView	Halt or View Halt re-drawing CTRL-H
Halting map re-drawing	MapView	Draw Map or View Redraw map CTRL-M
Re-drawing maps	MapView	Load the themes with MapCabinet: Use Draw Map button to draw a map. <i>View Zoom All the Way Out</i> if the ViewArea is "lost"
Drawing maps	MapView	
Preventing excessive redrawing	MapView	If you re-positioning windows is causing too many screen re-draws, consider keeping a Memory Copy of Map (bitmap) using the Options page.
Getting rid of a background map.	MapView	Options Erase backdrop map View Erase backdrop map
Turning themes on or off	MapView	Tools Themes Visible...
Re-ordering themes	MapView	Tools Theme Order...
Copying maps	MapView	Edit Copy Map to Clipboard. Paste Special in other program
Copying maps as pictures	MapView	Edit Copy Map to Clipboard. Paste Special in other program
Copying maps as bitmaps	MapView	Go to Options page, set Memory Copy of Map to Always, go to Map page, then Edit Copy Map to Clipboard.
Exporting maps as pictures	MapView	File Save Map as Metafile...
Exporting maps as bitmaps	MapView	File Save Map as Bitmap...
Loading layers	MapCabinet	Open or File Open Themes... go into Layer mode and select from the list boxes to get an ordered list of themes.
Saving a layer	MapView MapCabinet	File Save Map as Layer... Open go into Layer mode, get the themes in order in the right list box, enter the layer name in the right dropdown, then press Save

Task	Window(s)	Menu or command button
Defining a spatial query for interactive use	MapView	Search page and select the theme and type of spatial query. Choose Retrieve serial numbers or Run query. Use the mouse or coordinate pairs to perform a query on a point.
Performing a spatial query with the mouse	MapView	Map page. Make sure Mouse Use is set to Spatial query. Double click on the point. Coordinates are placed in textbox in upper left. Alternatively, move the mouse over the point and hit ENTER.
Performing a spatial query with coordinate pairs	MapView	Enter or paste coordinates into textbox in upper left and hit ENTER.
Editing data of features found with a spatial query	DataGrid Editor	Search Page Choose Run query and Open Editor
Performing a spatial query with points in a theme	MapView	Tools Batch spatial analysis You can use Access to link tables and make the results useful.
Finding/getting/copying location coordinates	MapView	Move the mouse to the desired location. Press CTRL-X to copy the coordinates to Clipboard, or tab to the gray Current Coordinates text box (lower left part of Map page) and copy them with CTRL-INSERT, or use Edit Copy Mouse XY coordinates
Finding coordinates	MapView	As an alternate to the above, set Mouse Use to Spatial Query and on the Search page, set <i>Action to take on a Double-Click to Record coordinates only</i> . To record a string of coordinates, uncheck <i>Clear results each time</i> . Coordinates can be copied from the Search page Spatial Query Results textbox
Finding coordinates	MapView	Any time you double-click on the map, the coordinates are put in the textbox on the upper left. You can copy them using CTRL-INSERT.
Highlighting locations with the mouse	MapView	Make sure Mouse Use is set to Push-pin, then double-click on the location.
Highlighting locations with coordinates	MapView	Enter or paste the coordinates in the Last Double-Click Location text box, then hit ENTER to simulate a double-click at that location.
Viewing a table or query	MapView	Tools Database Viewer...
Editing data in table/query	MapView	Tools Database Viewer...