
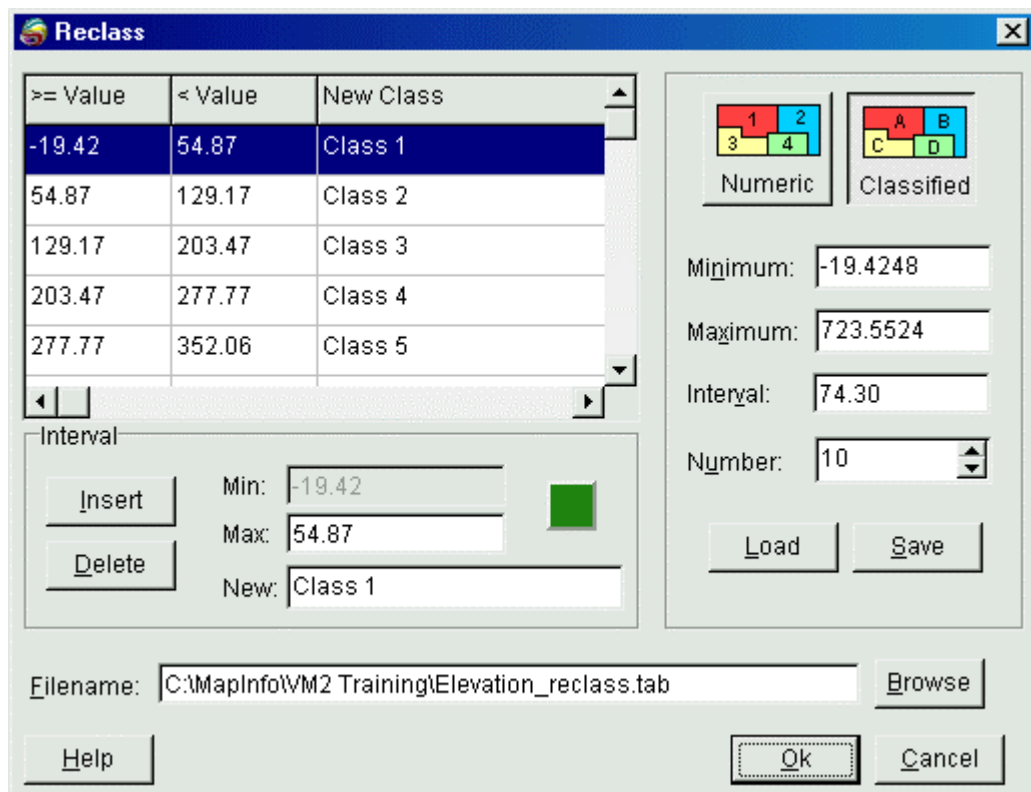


Grid Reclass

The *Reclass* tool is designed to allow users to reclassify the values contained in a numeric grid so that it will be more suitable for analysis. The reclassification can be performed to produce either a classified grid or a numeric grid. In both cases the user is able to specify what the new class values will be. For an instructional lesson on *Grid Reclass* refer to Lesson 14 of the *Installation and Tutorials* manual

- To access the *Grid Reclass* dialogue, choose the  button from the *Grid Manager* dialogue and select the *Reclass* command from the drop-down menu. The reclassification will be performed on the highlighted grid in the *Grid Manager*.



- The *Reclass* dialogue operates in a similar way to the *Contouring* dialogue.
 1. The *Numeric* and *Classified* buttons control what grid type, either a .GRD or .GRC, the resulting grid will be. If a numeric grid is chosen as the output grid type then the classes will have a numeric value defaulting to the lowest value in the range. If a classified grid is chosen then the classes will be character-based and will default to “Class 1”, “Class 2” etc.
 2. The *Minimum* setting defines the lowest value in the grid that will be used in the reclassification. Any cells with a value less than the *Minimum* setting will receive the Null value in the resulting grid. This setting defaults to the lowest value in the grid.
 3. The *Maximum* setting defines the highest value in the grid that will be used in the reclassification. Any cells with a value greater than the *Maximum* setting will receive the Null value in the resulting grid. This setting defaults to the highest value in the grid.

4. The *Interval* setting defines the range of values that each class will encompass. The default setting is based upon dividing the range between the minimum and maximum values into ten classes.
5. *Number* refers to the number of classes that will be created based upon the *Minimum*, *Maximum* and *Interval* settings. The default is ten classes.
6. The *Load* and *Save* buttons allow the user to save the current settings so that they can be used in subsequent grid reclassifications. The *Save* process creates an ASCII text file with a .PFR extension containing the range, the value, and the colour for each class.
7. On the left side of the dialogue is a window area displaying the range of values being classified and the new class name/value. Class ranges are created equaling and including the lower value and up to and excluding the higher value. The user can specify the new class name/value by editing the adjacent class name edit box.
- 8.
9. The *Interval* section allows the user to *Insert* new class ranges or *Delete* existing ones. If one or more classes are not defined appropriately then the *Min*, *Max*, and *New* edit boxes allow the user to edit the range values as well as the class name/value. If a classified grid has been specified as the resulting grid type then this section will provide the ability to modify the colour of each class.
10. Enter a new file name, or choose the default name, and select *OK* to proceed with file processing.