

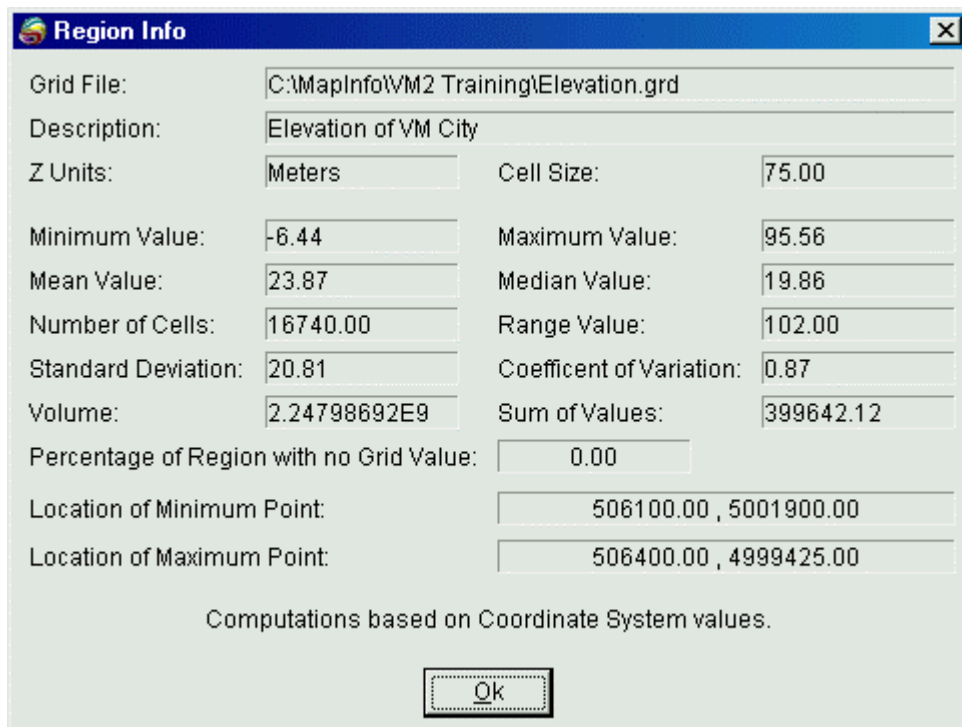


The Region Info Tool

The **Region Info** tool in *Vertical Mapper* is designed to provide a statistical summary of the grid data enclosed within a selected MapInfo region and view the results in a *Region Info* dialogue. If more than one grid is open and active, values will be returned from only the grid highlighted in the *Grid Manager*. The  box in the *Grid Manager* must also be checked in order to return statistical parameters for the selected grid. For information on *Region Inspection* see Chapter 10 of the *User Guide*.

- 1 To initiate the **Region Info** tool, select the  button from the *Vertical Mapper* ButtonPad.
 - Then next step is to select an existing region from an open table.

A status bar tracks the process of calculating grid statistics for the selected region. Once complete the *Region Info* dialogue box will appear.



Region Info			
Grid File:	C:\MapInfo\WM2 Training\Elevation.grd		
Description:	Elevation of VM City		
Z Units:	Meters	Cell Size:	75.00
Minimum Value:	-6.44	Maximum Value:	95.56
Mean Value:	23.87	Median Value:	19.86
Number of Cells:	16740.00	Range Value:	102.00
Standard Deviation:	20.81	Coefficient of Variation:	0.87
Volume:	2.24798692E9	Sum of Values:	399642.12
Percentage of Region with no Grid Value:	0.00		
Location of Minimum Point:	506100.00 , 5001900.00		
Location of Maximum Point:	506400.00 , 4999425.00		
Computations based on Coordinate System values.			
<input type="button" value="Ok"/>			

The **Region Info** information box provides ten statistical parameters calculated from the grid values enclosed by the selected region as well as other useful information. The **Volume** calculation is simply the sum of all the values found in the region multiplied by the cell dimensions. This value is only meaningful when the Z-unit is a linear measurement. The **Percentage of Region with no Grid Value** indicates the how much of the enclosed area contains null values. For an instructional lesson on the *Region Info* tool and *Region Inspection* refer to Lesson 13 of the *Installation and Tutorials* manual.