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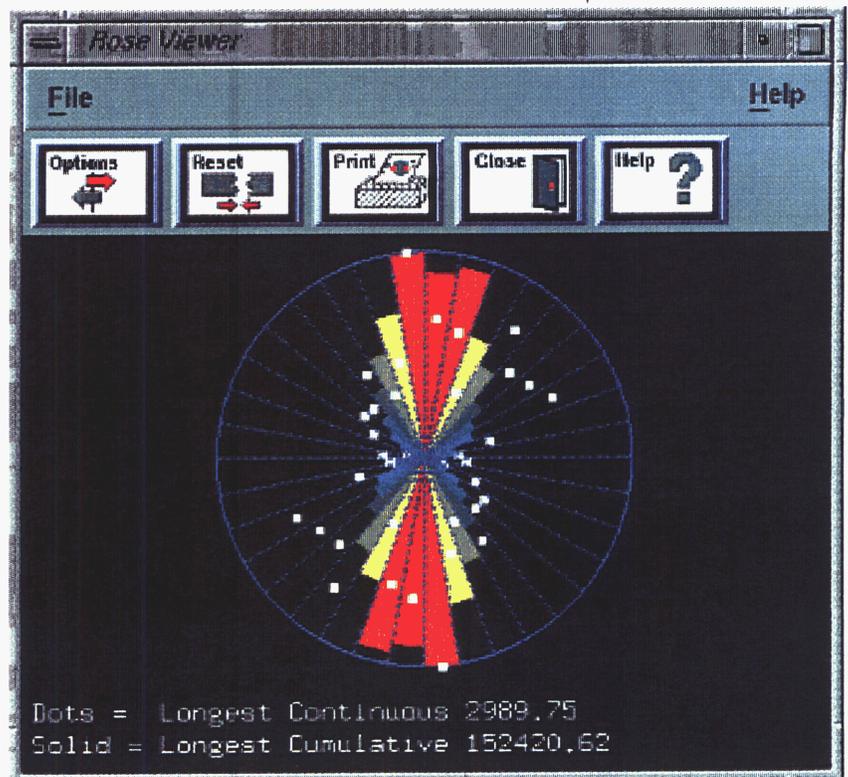
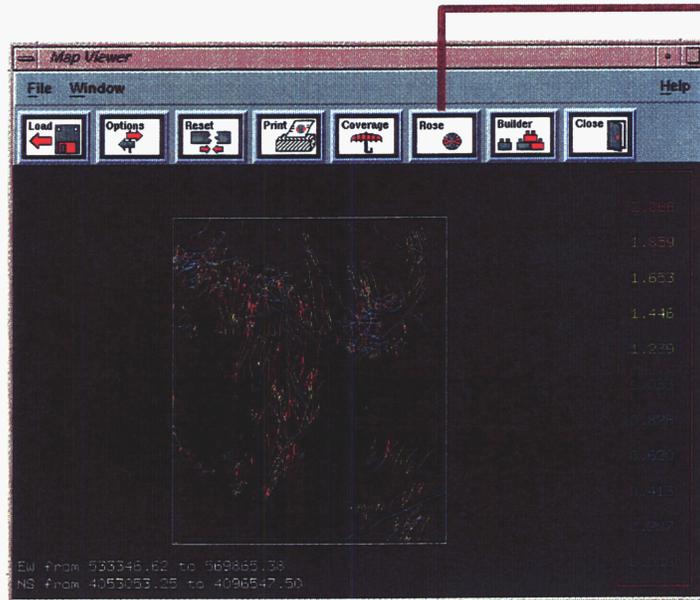
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Rose Diagram



A rose diagram is displayed by pressing the Rose button on the map viewer. A rose diagram may only be displayed if a fault trace file is currently loaded.



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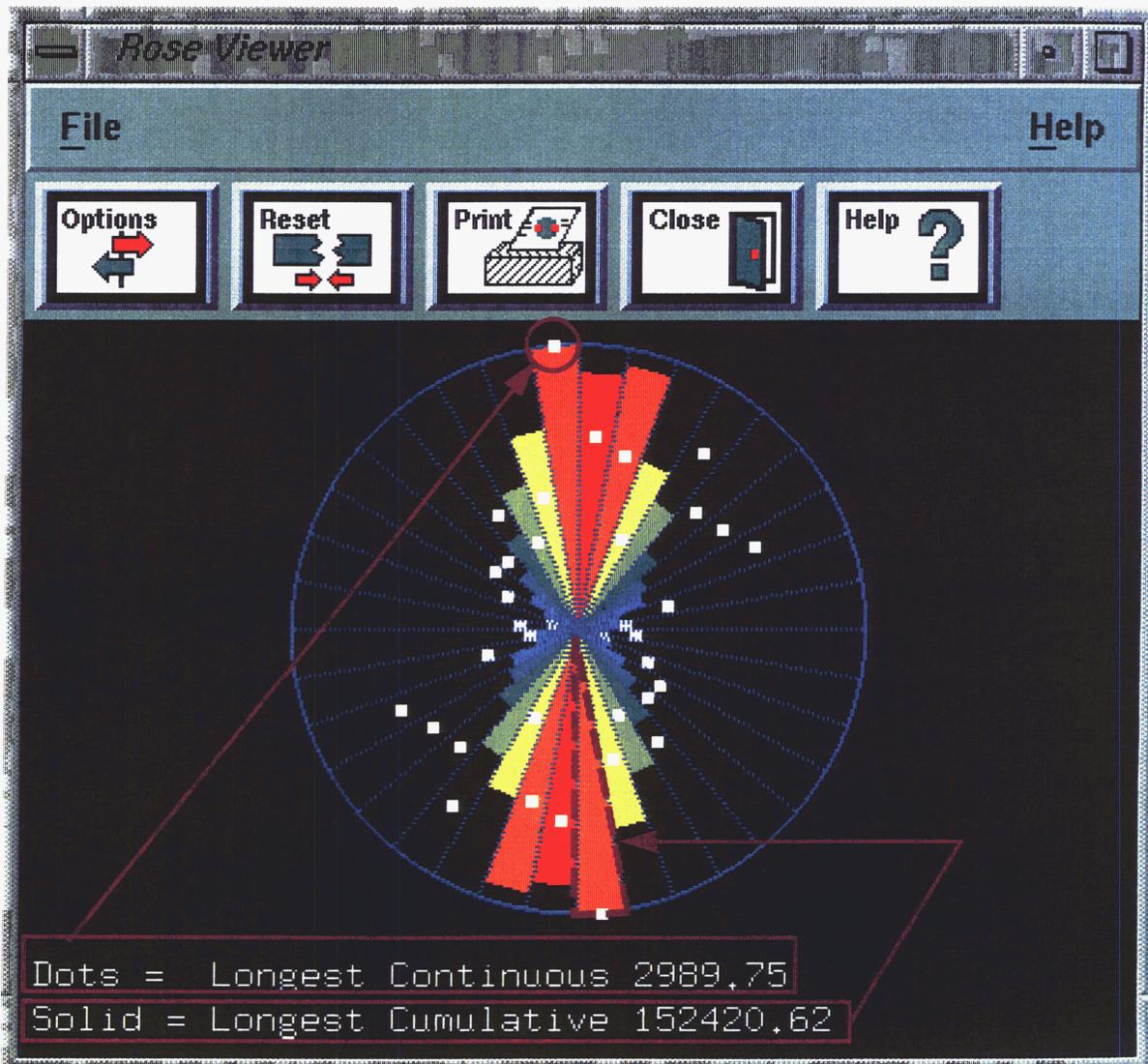
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The Rose diagram window displays two statistical plots using the currently loaded fault coverage. The solid polygons represent the cumulative lengths of faults for each 10 degree range of strike orientations. The polygons are colored by slip tendency, dilation tendency, or leakage factor.

The dots represent the longest continuous fault lengths for each 10 degree range of strike orientations. At the bottom of the window, the maximum values for all fault strike orientations are displayed. The values represent lengths and are in the same units as the currently loaded fault coverage.



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Toggle viewing of fields

Change point size of continuous lengths



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Surface Viewer



The surface viewer displays slip tendency, dilation tendency, or leakage factor values computed in the Tendency Plot window as a 3D surface. The height and color of the surface represent the computed slip tendency, dilation tendency, leakage factor values. The vertical exaggeration of the surface is controlled by buttons on the Options window.

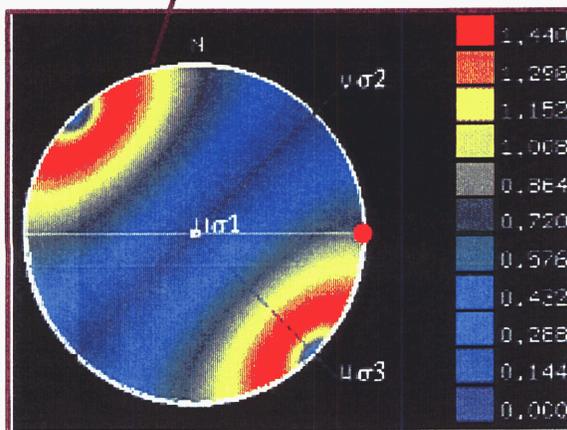
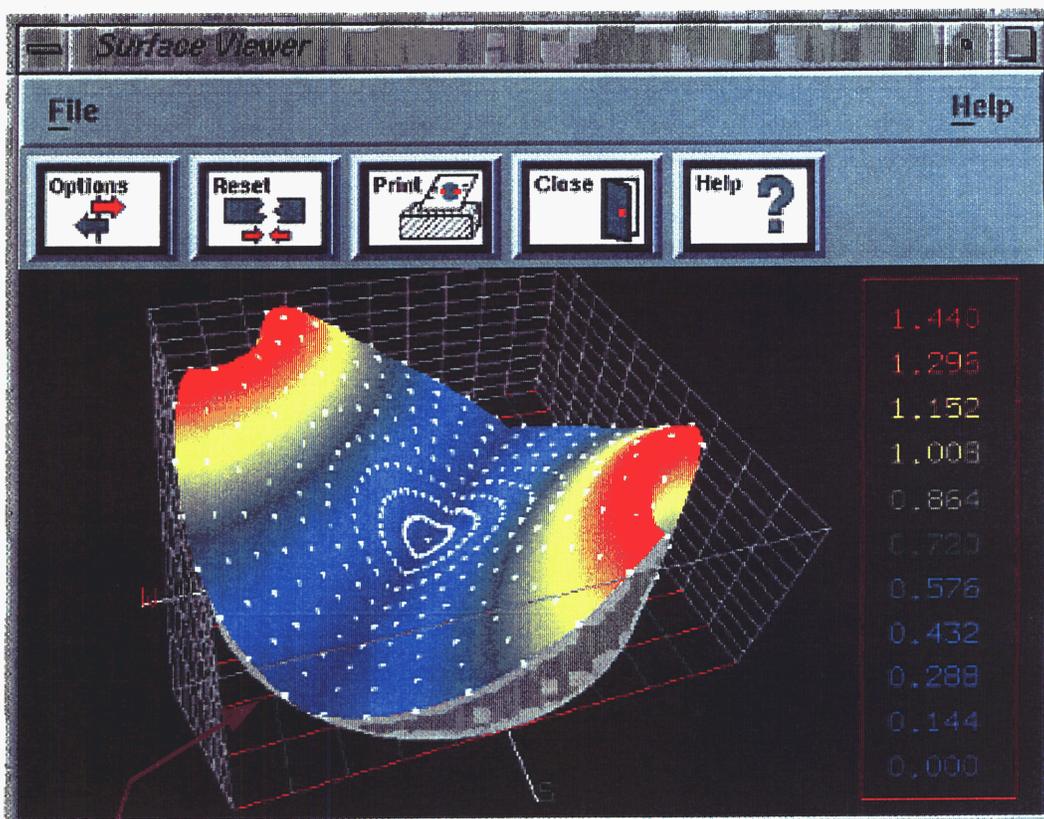


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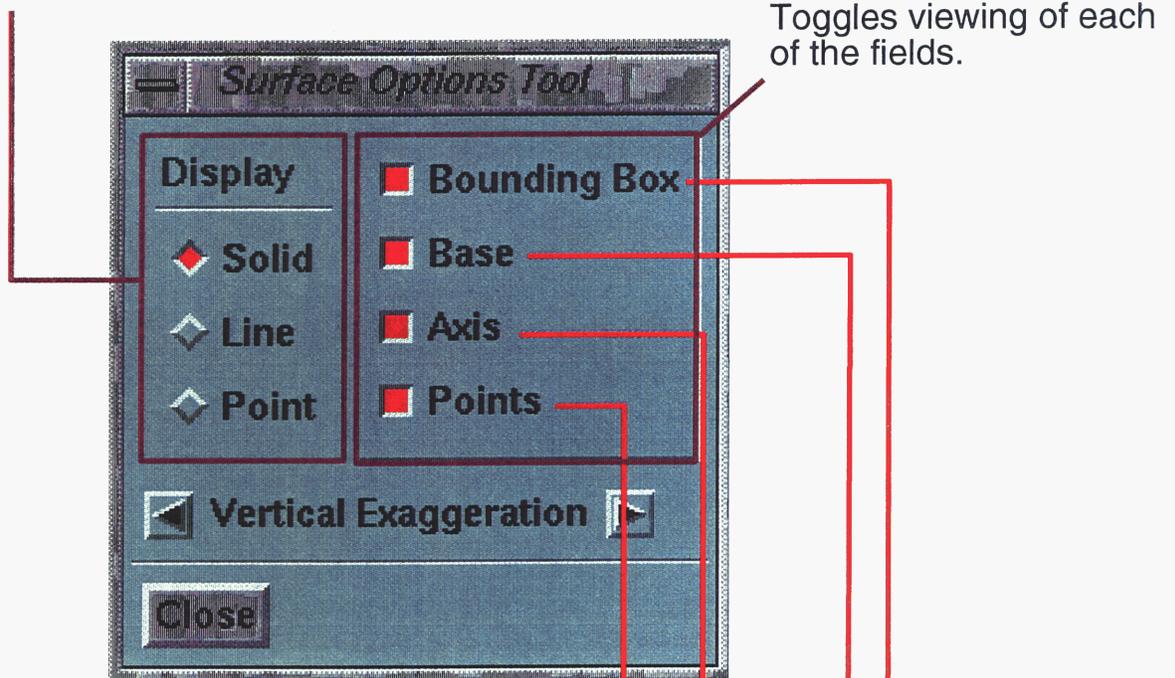
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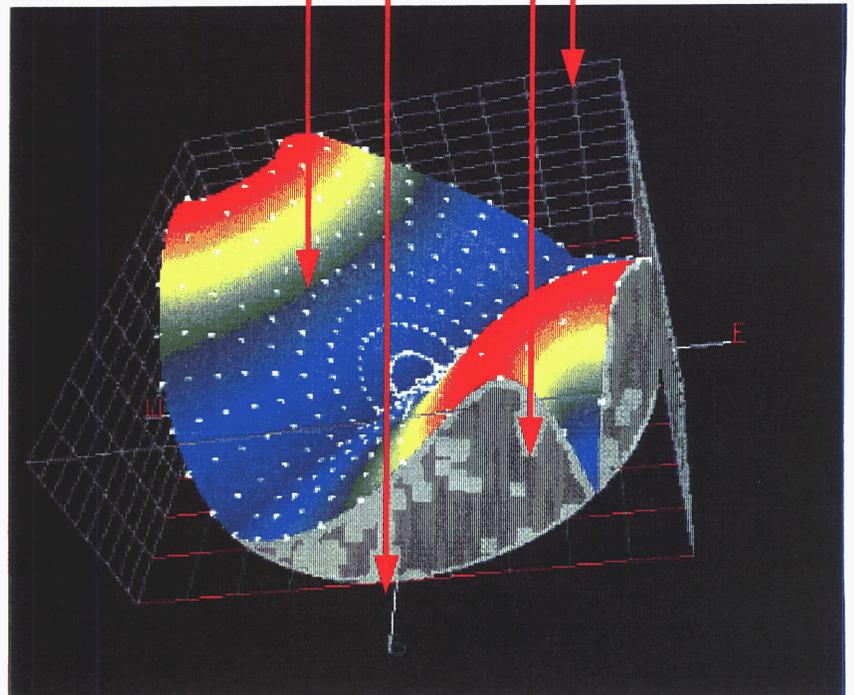
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The display option changes the rendering of the image using either a solid, line, or point style.



Toggles viewing of each of the fields.



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Use the arrows to decrease or increase the vertical exaggeration.

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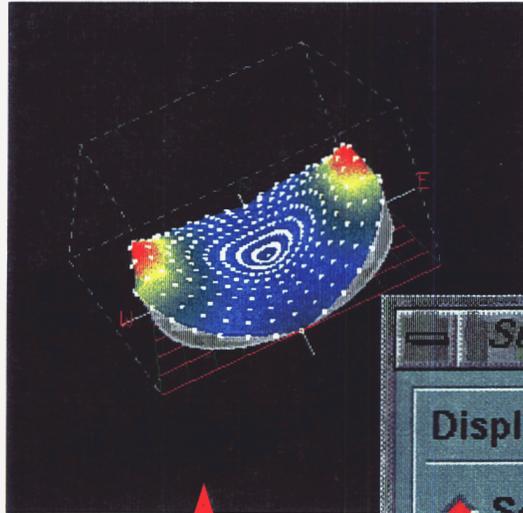
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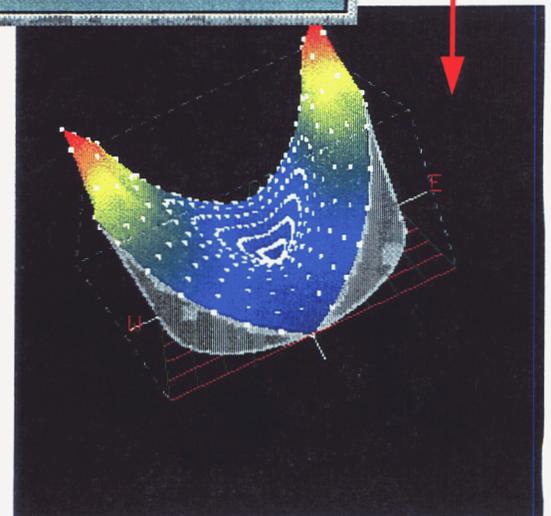


Surface Options Tool

Display	<input checked="" type="checkbox"/> Bounding Box
<input checked="" type="checkbox"/> Solid	<input checked="" type="checkbox"/> Base
<input type="checkbox"/> Line	<input checked="" type="checkbox"/> Axis
<input type="checkbox"/> Point	<input checked="" type="checkbox"/> Points

Vertical Exaggeration

Close



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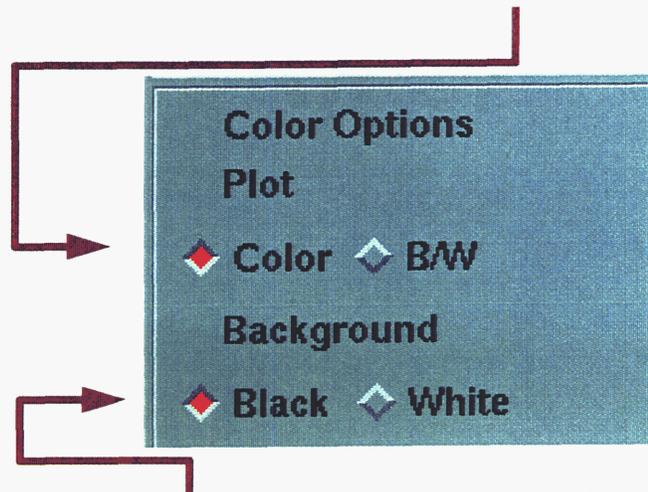
Options

The Options Window may be accessed by clicking on the Options Button on the Command Bar. The tools in this window allow the user to change the variable plotted in the **Tendency Plot**, change the color scheme of the graphics windows, change the color detail, change the lighting scheme, change the color threshold, and toggle the verbosity mode.

The user may change the variable plotted in the Tendency plot by clicking on the radio button next to the desired plot-type. See the following figure.



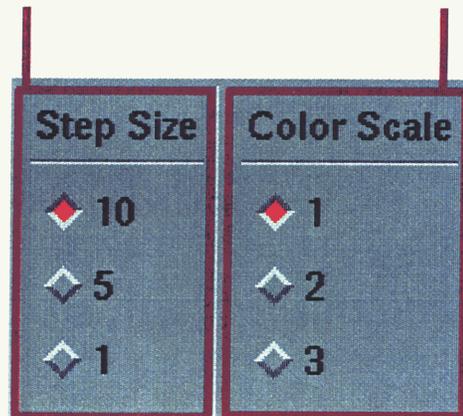
The user may also change the color scheme of the graphics windows. The user may toggle between color and black-and-white plots for the graphics displays.



Also, the user may select a white or a black background for the graphics displays.

Options Continued

The user may alter the detail used in the coloring of images by changing the step size setting and the color scale setting.



Step size controls the number of point of data drawn. The smaller the step size is, the more detailed the plot becomes. The color scale setting controls the gradient of the color scale. As the magnitude of the color scale setting increases the range of data colored by the color used for the largest data values increases.

The user may alter certain lighting conditions by enabling the Enable Lighting toggle button.

Enable Lighting

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