

01.06. DEM Shaded Relief Grid

1.0 File Format, Name and Directory

ESRI ArcView grid theme composed of several files in a data structure composed of multiple directories.

2.0 Theme Metadata

None

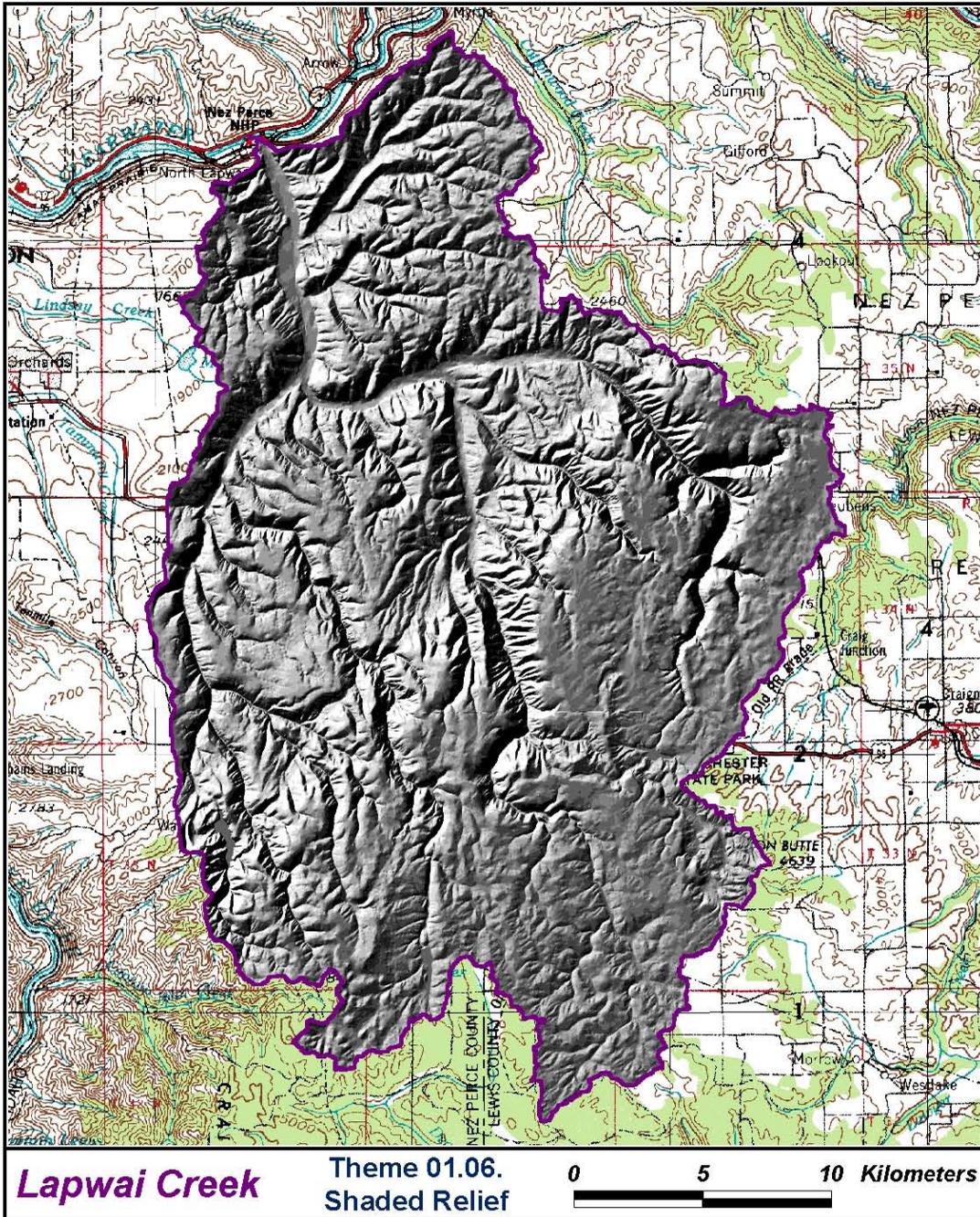
3.0 Description

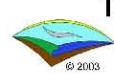
Shaded relief graphics give a visual impression of terrain variability within a watershed. Shaded relief graphics (hillshades) are produced by analyzing the intensity of light on terrain given a direction and zenith angle to the light source. Many GIS and remote sensing software packages have automatic routines to produce shaded relief graphics.

Shaded relief graphics are a good way to visualize terrain and check the quality of a DEM. They also provide interesting backgrounds for display of point, line and polygon vector themes. Some software packages have sophisticated routines to accentuate satellite and aerial imagery with shaded relief graphics to give an effective perception of terrain depth.

4.0 Projection

Universal Transverse Mercator Zone 11 North, North American Datum of 1927.



 <p>Bonneville Power Administration</p>	<p>Satellite and Aerial Imagery Demonstration Project</p>	 <p>Teasdale Environmental Associates, PLLC</p>
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