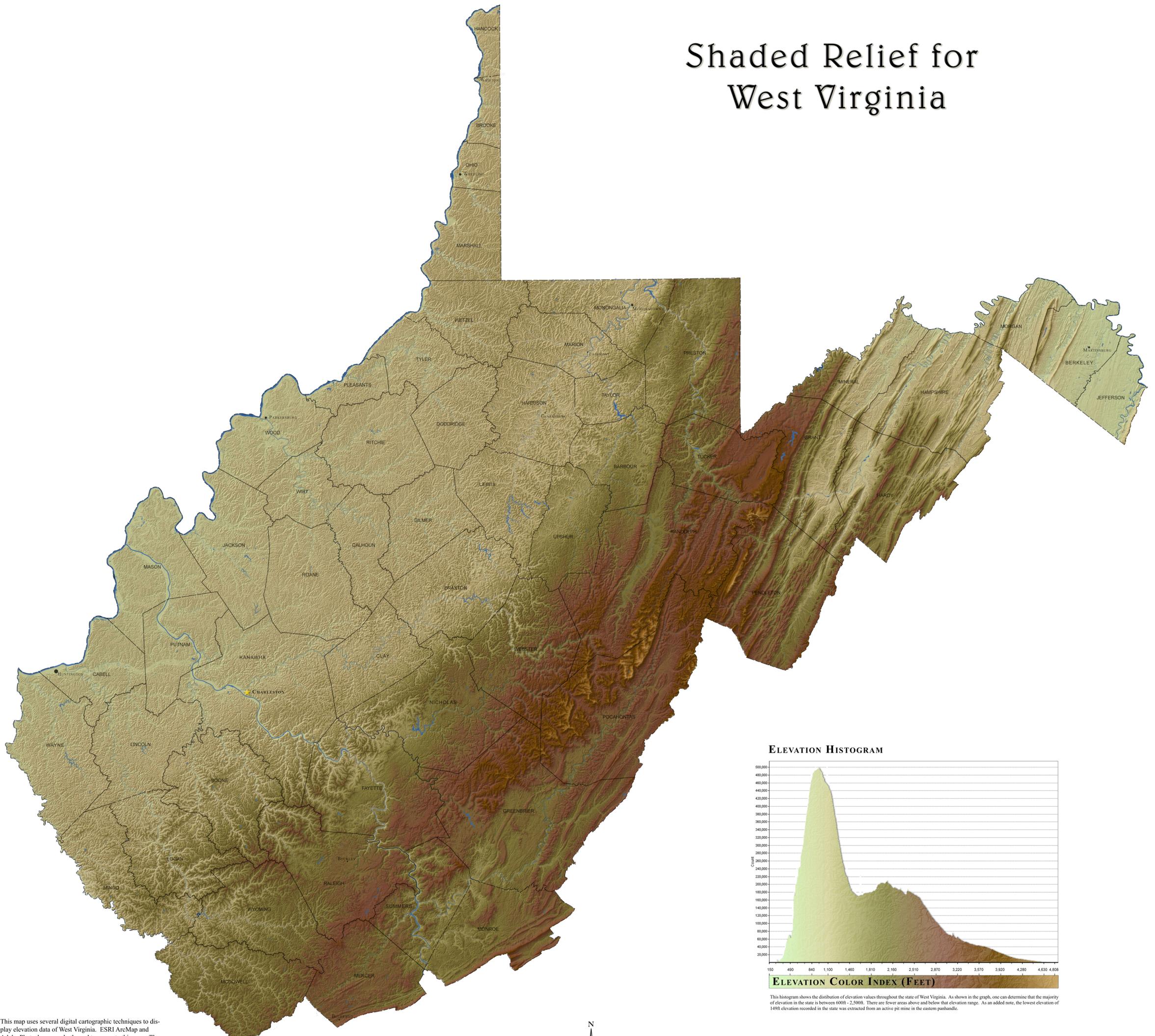
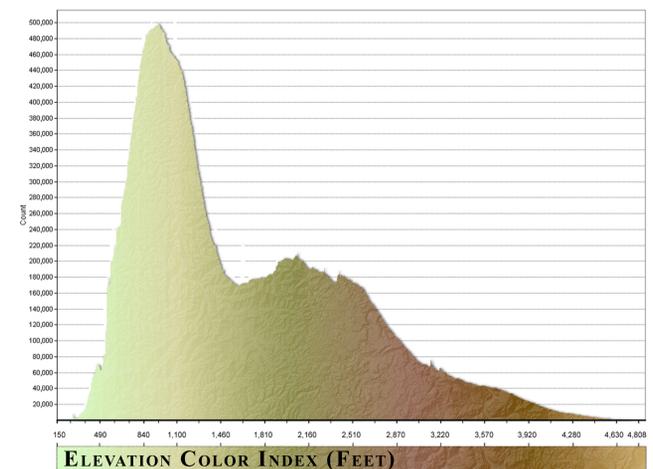


# Shaded Relief for West Virginia



**ELEVATION HISTOGRAM**



**ELEVATION COLOR INDEX (FEET)**

This histogram shows the distribution of elevation values throughout the state of West Virginia. As shown in the graph, one can determine that the majority of elevation in the state is between 600ft - 2,500ft. There are fewer areas above and below that elevation range. As an added note, the lowest elevation of 149ft elevation recorded in the state was extracted from an active pit mine in the eastern panhandle.

This map uses several digital cartographic techniques to display elevation data of West Virginia. ESRI ArcMap and Adobe Photoshop were both used to generate this map. The source elevation data used in this map was derived from the USGS 3-meter NED. The 3-meter data was resampled to 10-meters. A hillshade was generated from the 10m elevation data. A color gradient was applied to the elevation data and it was combined with an illumination layer, a focus layer and the hillshade. The purpose of the additional layers are to enhance the Appalachian Mountain Range along the state's eastern border.

