

## **Hawaii Volcanoes**

### **Artist**

Bill von Allmen, USA

### **Creation Date**

1986

### **Size and Scale**

Original art size and scale: Not available. The relief plate is the same size as its respective park brochure map, which uses a non-standard map scale.

Cropped digital art size: 45.39 × 30.38 cm at 200 DPI, 3,574 × 2,392 pixels.

### **Terms of Use**

This shaded relief is in the public domain with no use restrictions. Space permitting on your map, please cite "US National Park Service, Bill von Allmen" as the source.

### **Georeferencing**

None.

### **Release Date**

July 2010

### **Additional Information**

This is one of over one hundred manual shaded reliefs created for the park brochure program by the National Park Service, Harpers Ferry Center. The airbrushed or penciled art is available on base materials made from Bakelite plastic, Metal-mount (an art paper mounted on aluminum), or DuPont Cronaflex drafting film. The originals are stored in a climate-controlled facility at Harpers Ferry Center.

NPS manual shaded relief mostly derives from USGS topographic base maps several decades old. They are in either the UTM or Polyconic projection, and the NAD83 or NAD27 datum. In addition, some smaller-scale maps use the Albers Equal-Area projection with the USGS CONUS or Alaska projection parameters, depending on location.

Park brochure maps in Adobe Illustrator format are available at [www.nps.gov/carto](http://www.nps.gov/carto). Please note that many of these maps do not register exactly with the manual shaded relief found here. The Park Service is replacing older analogue maps with those derived from digital data sources. Registering the manual relief to the new digital maps will require transformations to the relief in Photoshop.