

See Sheet 1 and accompanying report for Description of Map Units

Geologic map of Okmok Caldera

by

Jessica F. Larsen<sup>1,2,3</sup>, Christina A. Neal<sup>3,4</sup>, Janet R. Schaefer<sup>3,5</sup>, Christopher J. Nye<sup>3,5</sup>

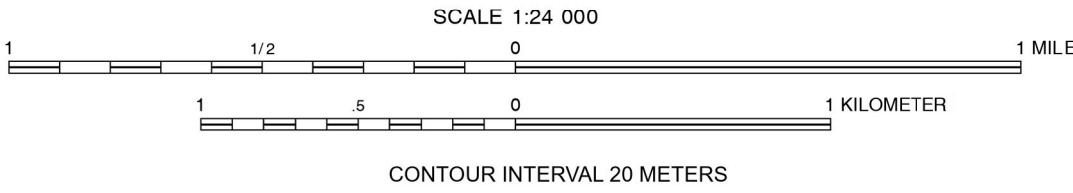
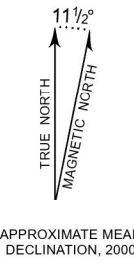
2022

The State of Alaska makes no expressed or implied warranties (including warranties for merchantability and fitness) with respect to the character, functions, or capabilities of the electronic data or products or their appropriateness for any user's purposes. In no event will the State of Alaska be liable for any incidental, indirect, special, consequential, or other damages suffered by the user or any other person or entity whether from the use of the electronic services or products or any failure thereof or otherwise. In no event will the State of Alaska's liability to the Requestor or anyone else exceed the fee paid for the electronic service or product.

Publications produced by the Division of Geological & Geophysical Surveys (DGGS) are available for download from the DGGS website ([dggs.alaska.gov](https://dggs.alaska.gov)). Publications on paper or digital media can be examined or purchased in the Fairbanks office:



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS  
3354 College Road • Fairbanks, Alaska 99709-3707  
Phone 907-451-5010 • Fax 907-451-5050  
email: [dggs@alaska.gov](mailto:dggs@alaska.gov) • website: [dggs.alaska.gov](https://dggs.alaska.gov)



<sup>1</sup> University of Alaska Fairbanks Geophysical Institute, 2156 Koyukuk Dr, Fairbanks, AK 99775  
<sup>2</sup> University of Alaska Fairbanks, Dept of Geosciences, PO Box 755780, Fairbanks, AK 99775  
<sup>3</sup> Alaska Volcano Observatory  
<sup>4</sup> U.S. Geological Survey, Volcano Science Center, 4230 University Dr, Ste 100, Anchorage, AK 99508  
<sup>5</sup> Alaska Division of Geological & Geophysical Surveys, 3354 College Rd, Fairbanks, AK 99709

**Topographic contours:**  
Basemap contours and shaded relief image were derived by combining pre-2008-eruption digital elevation model (DEM) data from NASA's shuttle radar topography mission (SRTM) and the aircraft-mounted synthetic aperture radar (AirSAR) mission as described in Schaefer (2005)

**Projection:**  
Universal Transverse Mercator Zone 2N

**Datum:**  
North American Datum of 1983

**Geologic field investigations:**  
J.F. Larsen, C.A. Neal, J.R. Schaefer, C.J. Nye (1998 to 2004; 2008, 2010, 2016)

**Geologic interpretation:**  
J.F. Larsen, C.A. Neal, J.R. Schaefer, C.J. Nye

**Airphoto interpretation:**  
J.F. Larsen, C.A. Neal, J.R. Schaefer, C.J. Nye

**Geologic GIS data layers:**  
J.R. Schaefer (2021)

**Cartography:**  
A.E. Macpherson and J.R. Schaefer (2021)

**Cartographic review:**  
Drew Downs (USGS), Julie Donnelly-Nolan (USGS), Tim Orr (USGS)

**Peer review:**  
Drew Downs (USGS), Julie Donnelly-Nolan (USGS), Tim Orr (USGS)