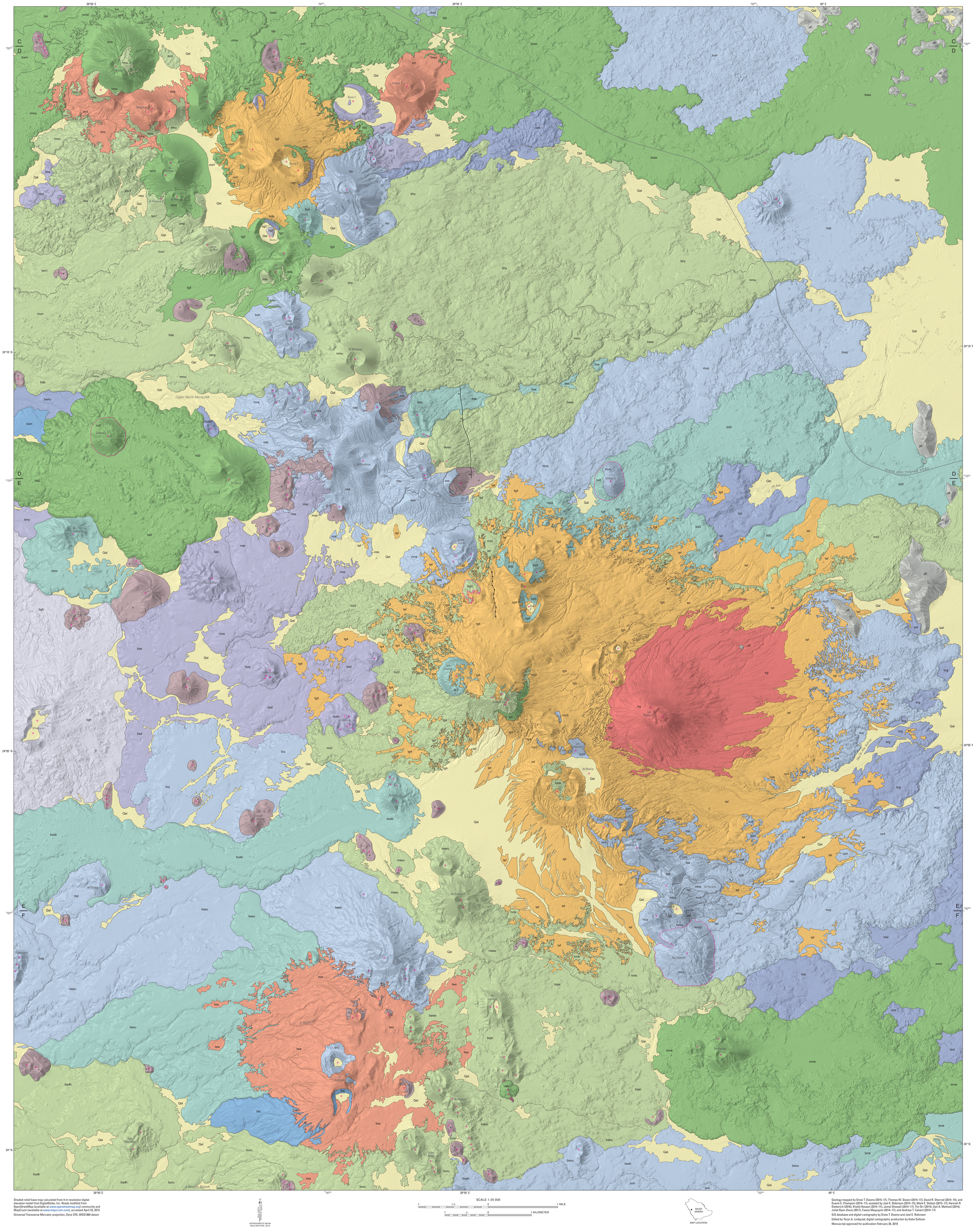
U.S. Department of the Interior
U.S. Geological Survey

U.S. Geological Survey Scientific Investigations Map 3428
Saudi Geological Survey Special Report SGS–SP–2019–2
Sheet 3 of 4
Pamphlet accompanies map



Shaded-relief base map calculated from 4-m-resolution digital elevation model from DigitalGlobe, Inc. Roads modified from OpenStreetMap (available at www.openstreetmap.org) community and MapCruzin (available at www.mapcruzin.com), accessed April 23, 2015
Universal Transverse Mercator projection, Zone 37N, WGS1984 datum

APPROXIMATE MEAN DECLINATION, 2019

SCALE 1:25 000
1 1/2 0 1 MILE
1 .5 0 1 KILOMETER

SAUDI ARABIA
MAP LOCATION

Geology mapped by Drew T. Downs (2015–17), Thomas W. Sisson (2014–17), David R. Sherrod (2014–15), and Duane E. Champion (2014–17), assisted by Joel E. Robinson (2014–15), Mark E. Stelten (2015–17), Hannah R. Dietterich (2016), Khalid Hassan (2014–17), Jamal Shawali (2014–17), Tim Orr (2014), Gail A. Mahood (2014), Juliet Ryan-Davis (2017), Fawaz Maquyyim (2014–17), and Andrew T. Calvert (2014–17)

GIS database and digital cartography by Drew T. Downs and Joel E. Robinson

Edited by Taryn A. Lindquist; digital cartographic production by Katie Sullivan

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Geologic Map of the Silicic Volcanic Centers Near Al Efairia, Al Wabarah, and Matan, Northern Harrat Rahat Volcanic Field, Kingdom of Saudi Arabia

By

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2019

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[2]Saudi Geological Survey

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