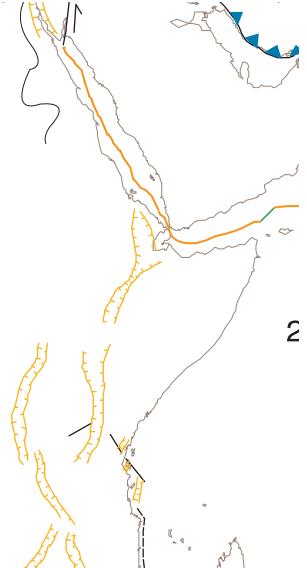
Red Sea, Gulf of Aden, Northeast Africa



Display Modified from:

DIGITAL TECTONIC ACTIVITY MAP OF THE EARTH

Tectonism and Volcanism of the Last One Million Years

DTAM - 1

NASA/Goddard Space Flight Center Greenbelt, Maryland 20771



Robinson Projection
October 2002

LEGEND

Actively-spreading ridges and transform faults



Total spreading rate, cm/year



Major active strike slip fault or fault zone



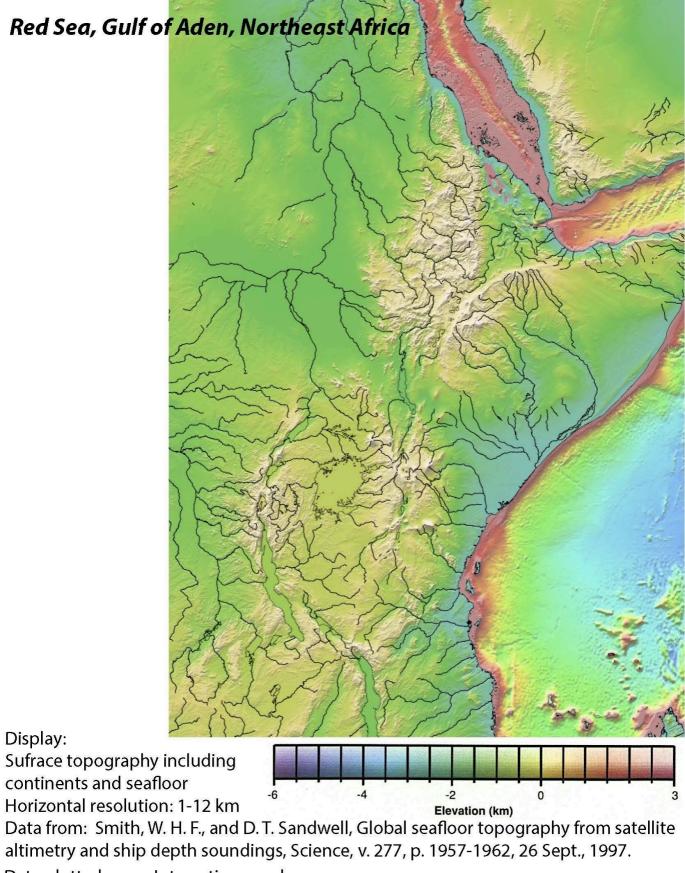
Normal fault or rift; hachures on downthrown side



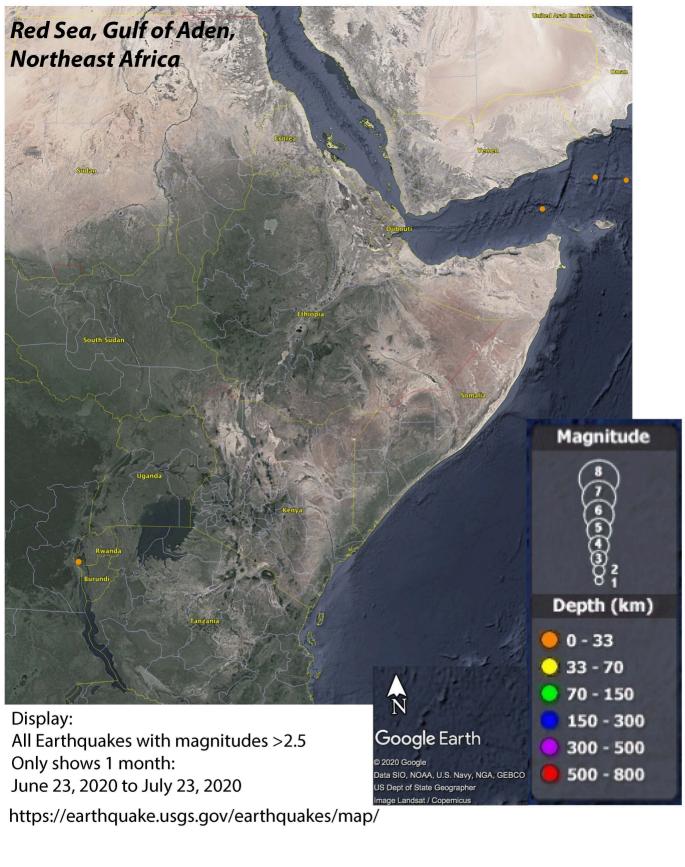
Reverse fault (overthrust, subduction zones); generalized; barbs on upthrown side



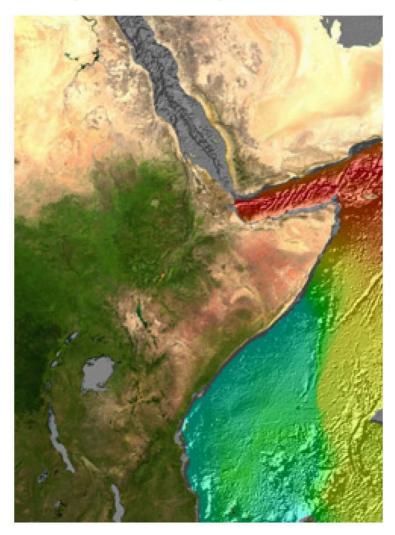
Major active fault or fault zone where nature, location, or activity are uncertain



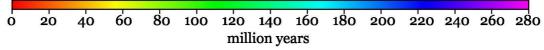
Data plotted on an Interactive map here: https://topex.ucsd.edu/marine_topo/mar_topo.html



Red Sea, Gulf od Aden, Northeast Africa



Age of Oceanic Lithosphere (m.y.)



Display: Cut image from global map of Crustal Age Image No Plates: https://www.ngdc.noaa.gov/mgg/image/crustalimages.html
Global Image created by Elliot Lim, Cooperative Institute for Research in Environmental Sciences, NOAA National Geophysical Data Center (NGDC), Marine Geology and Geophysics Division

Original Data Source:

Müller, R.D., M. Sdrolias, C. Gaina, and W.R. Roest 2008. Age, spreading rates and spreading symmetry of the world's ocean crust, Geochem. Geophys. Geosyst., 9, Q04006, doi:10.1029/2007GC001743.

Data & Images available from http://www.ngdc.noaa.gov/mgg/

Red Sea, Gulf of Aden, Northeast Africa



Display Data:

World, IGS08/NNR, GEM, GSRM

Vector scaling: 1x

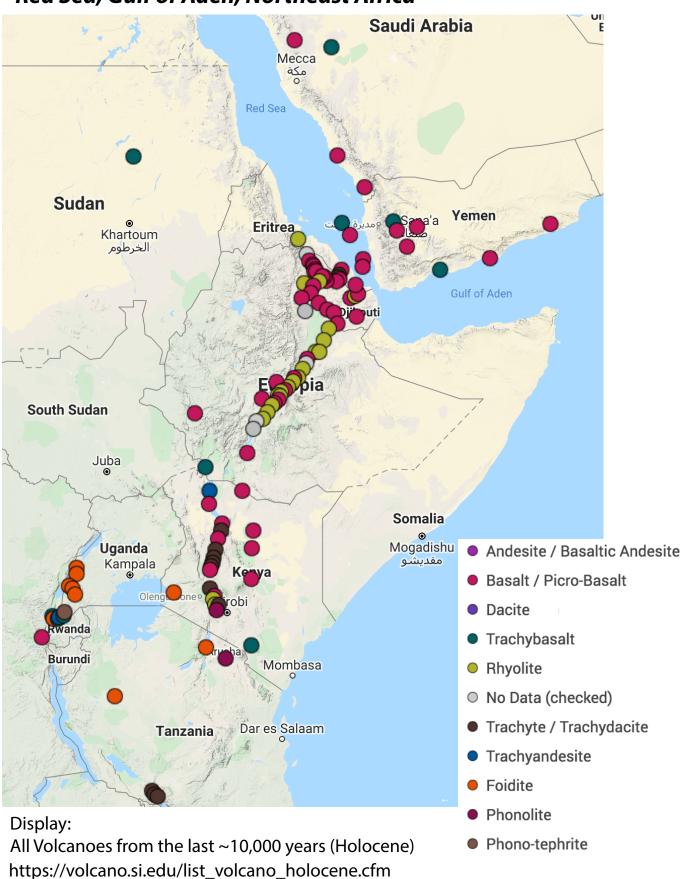
Showing 1 in 10 vector markers

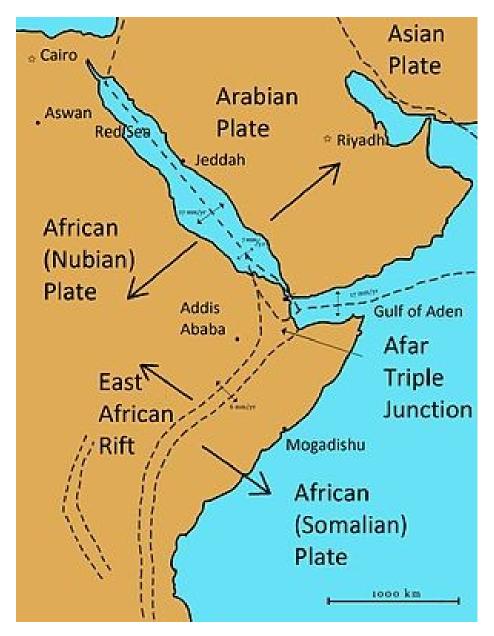
Data Source:

Interactive site from UNAVCO: GPS Velocity Viewer

https://www.unavco.org/software/visualization/GPS-Velocity-Viewer/GPS-Velocity-Viewer.html

Red Sea, Gulf of Aden, Northeast Africa





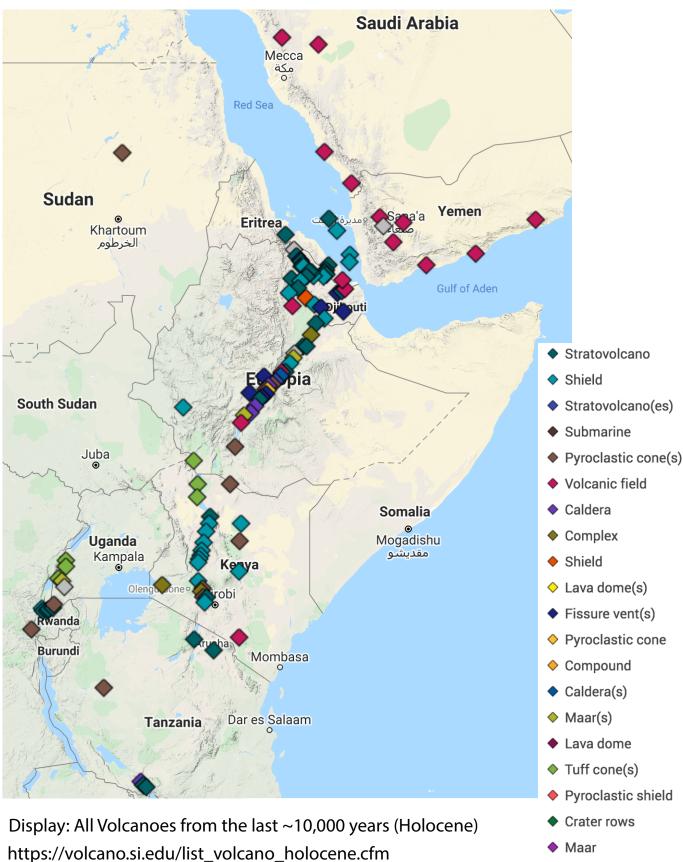
This map is credited from the following website: https://en.wikipedia.org/wiki/Red_Sea_Rift

Two education videos can be found at the following websites:

https://www.youtube.com/watch?v=Z6J0RvgbIMA

https://www.geolsoc.org.uk/Plate-Tectonics/Chap3-Plate-Margins/Divergent/Triple-Junction

Red Sea, Gulf of Aden, Northeast Africa



Other / No value