

This physiographic map of the Grand Canyon is modified from previous versions by Billingsley and Hendricks (1989), and Billingsley and others (1997). The boundary is drawn approximately along the topographic rim of the Grand Canyon and its tributary canyons between Lees Ferry and Lake Mead (shown in red). Several isolated small mesas, buttes, and plateaus are within this area, which overall encompasses about 2,600 square miles.

The Grand Canyon lies within the southwestern part of the Colorado Plateaus of northern Arizona between Lees Ferry, Colorado River Mile 0, and Lake Mead, Colorado River Mile 277. The Colorado River is the corridor for raft trips through the Grand Canyon.

Limestone rocks of the Kaibab Formation form most of the north and south rims of the Grand Canyon, and a few volcanic rocks form the north rim of parts of the Uinkaret and Shivwits Plateaus. Limestones of the Redwall Limestone and lower Supai Group form the rim of the Hualapai Plateau area, and Limestones of the Devonian and Cambrian age form the boundary rim near the mouth of Grand Canyon at the Lake Mead. The natural physiographic boundary of the Grand Canyon is roughly the area a visitor would first view any part of the Grand Canyon and its tributaries.

Billingsley, George H., and Hendricks, John D., 1989, Physiographic features of northwestern Arizona: in Elston, Donald P., Billingsley, George H., and Young, Richard A., eds., Geology of Grand Canyon, northern Arizona with Colorado River guides, 28th International Geological Congress Field Trip Guidebook T115/315, Washington D.C., American Geophysical Union, p. 67-72.

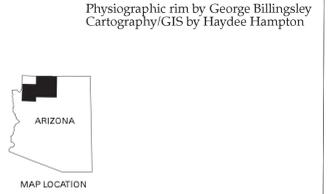
Billingsley, George H., Spamer, Earle, E., and Menkes, Dove, 1997, Quest for the pillar of gold, the mines and miners of the Grand Canyon: Grand Canyon Association Monograph no. 10, Grand Canyon, Arizona, 112 p.

Base from U.S. Geological Survey 1:100,000, Cameron, 1982, Fredonia, 1984, Glen Canyon Dam, 1984, Grand Canyon, 1984, Mount Trumbull, 1986, Peach Springs, 1986, Tuba City, 1983, and Valle, 1983.

Roads, river, and county boundaries from Arizona Land Resources Information System, Arizona State Land Department

Universal Transverse Mercator projection zone 12  
1927 North American datum

APPROXIMATE MEAN DECLINATION, 1987



### Physiographic rim of the Grand Canyon, Arizona

by  
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