Valles Marineris is a vast canyon system that runs along the Martian equator. Valles Marineris is 2500 miles (4000 km) long and reaches depths of up to 4 miles (7 km)! The Grand Canyon in Arizona is about 500 miles (800 km) long and 1 mile (1.6 km) deep. In fact, Valles Marineris is as long as the United States and it circles about 1/5 (20%) of the entire distance around Mars!