

# Vangelis, ALBEDO 0.39

Maximum distance from the sun: 94 million 537 thousand miles

Minimum distance from the sun: 91 million 377 thousand miles

Mean distance from the sun: 92 million 957 thousand and 200 miles

Mean Orbital velocity: 66000 miles per hour

Orbital eccentricity: 0.017

Obliquity of the ecliptic: 23 degrees 27 minutes 8.26 seconds

Length of the tropical year: equinox equinox 365.24 days

Length of the sidereal year: fixed star fixed star 365.26 days

Length of the mean solar day: 24 hours and 3 minutes and 56.5555 seconds at mean solar time

Length of the mean sidereal day: 23 hours and 56 minutes and 4.091 seconds at mean siderial time

Mass: 6600 million million million tons

Equatorial diameter: 7927 miles

Polar diameter: 7900 miles

Oblateness: one 298th

Density: 5.41

Mean surface gravitational acceleration of the rotating earth: 32.174 feet per second per second

Escape velocity: 7 miles per second

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