

sm [kg], r [m] = 0.1989E+31 0.7001E+11

In units of seconds:

m [s], kg [s] = 0.3336E-08 0.2477E-35

sm [s], r [s] = 0.4926E-05 233.5

omega [1/s] = 0.6220E-06

phiyear [rad] = 6.234

phiyear [deg] = 357.2

The deviation from 360 is due to the
approximations for omega and the shape of the orbit.

velocity beta = 0.1452E-03

angular mom h = 0.3392E-01

Einsteinian advance of the perihelion:

delta in radians = 0.3977E-06

delta in degree = 0.2278E-04

delta in seconds = 0.8203E-01

seconds in 100 earth years: 39.90

The deviation from 42.98 comes from the angular momentum
approximation.