

Sun Schwarzschild mass [m] = 1477.
Mercury:
Shapiro time delay[m], [km] = 0.6603E+05 66.03
Shapiro time delay [s] = 0.2202E-03
Venus:
Shapiro time delay[m], [km] = 0.6972E+05 69.72
Shapiro time delay [s] = 0.2326E-03