

Penumbral Lunar Eclipse of 2096 May 07

Ecliptic Conjunction = 11:09:39.4 TD (= 11:06:25.5 UT)

Greatest Eclipse = 11:24:42.4 TD (= 11:21:28.5 UT)

Penumbral Magnitude = 0.5309

P. Radius = 1.1753°

Gamma = 1.2896

Umbral Magnitude = -0.5469

U. Radius = 0.6469°

Axis = 1.1601°

Saros Series = 113 Member = 68 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 03h01m57.6s

Dec. = +17°10'18.8"

S.D. = 00°15'51.1"

H.P. = 00°00'08.7"

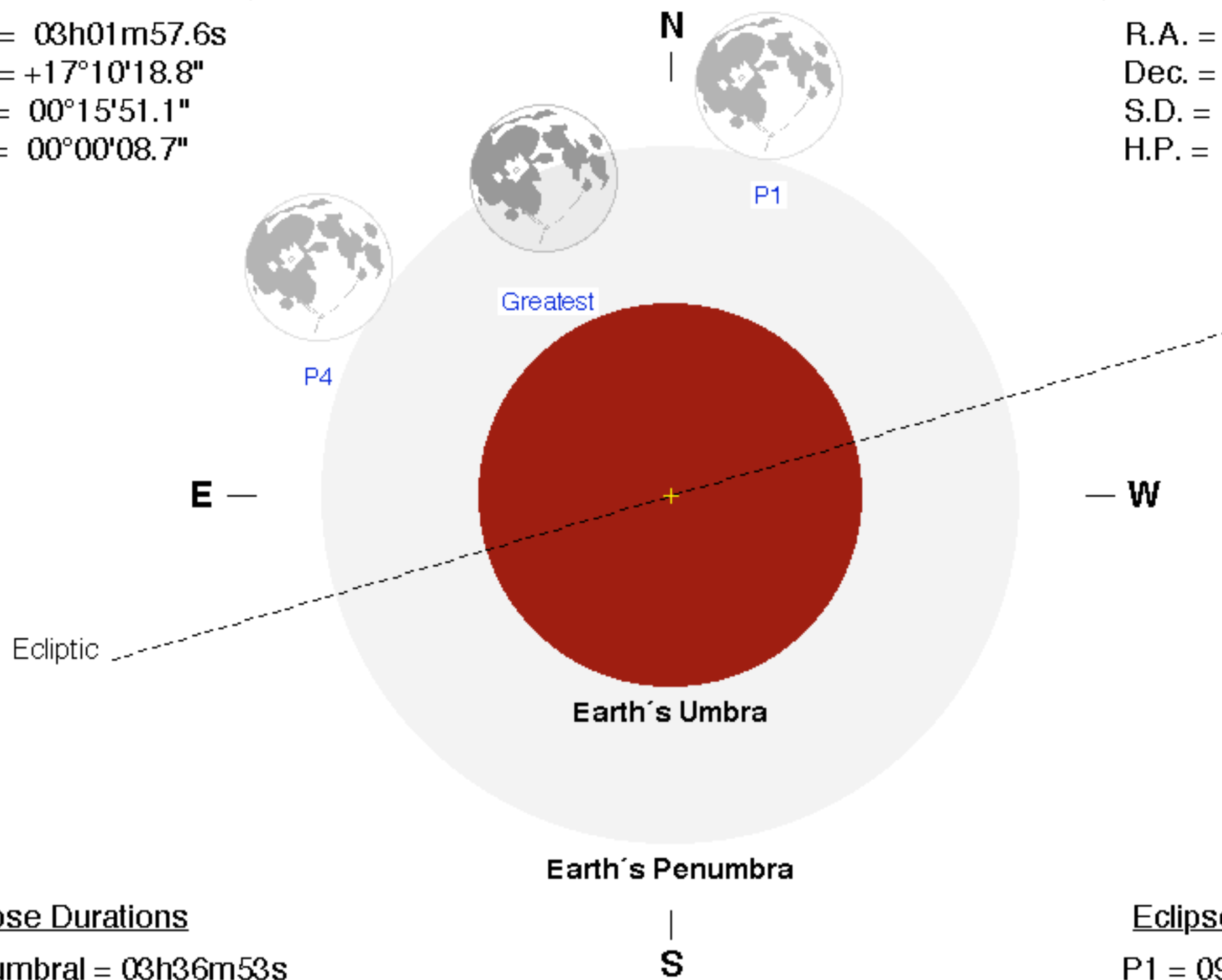
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 15h03m45.2s

Dec. = -16°05'38.6"

S.D. = 00°14'42.5"

H.P. = 00°53'58.7"



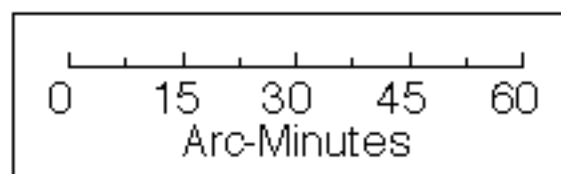
Eclipse Durations

Penumbral = 03h36m53s

Eclipse Contacts

P1 = 09:33:02 UT

P4 = 13:09:55 UT



$\Delta T = 194$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

