

# Penumbral Lunar Eclipse of 1995 Oct 08

Ecliptic Conjunction = 15:52:51.9 TD (= 15:51:50.5 UT)

Greatest Eclipse = 16:05:12.4 TD (= 16:04:11.0 UT)

Penumbral Magnitude = 0.8252

P. Radius = 1.2232°

Gamma = 1.1179

Umbral Magnitude = -0.2115

U. Radius = 0.6896°

Axis = 1.0558°

Saros Series = 117

Member = 51 of 72

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h54m53.0s

Dec. = -05°52'15.6"

S.D. = 00°16'00.5"

H.P. = 00°00'08.8"

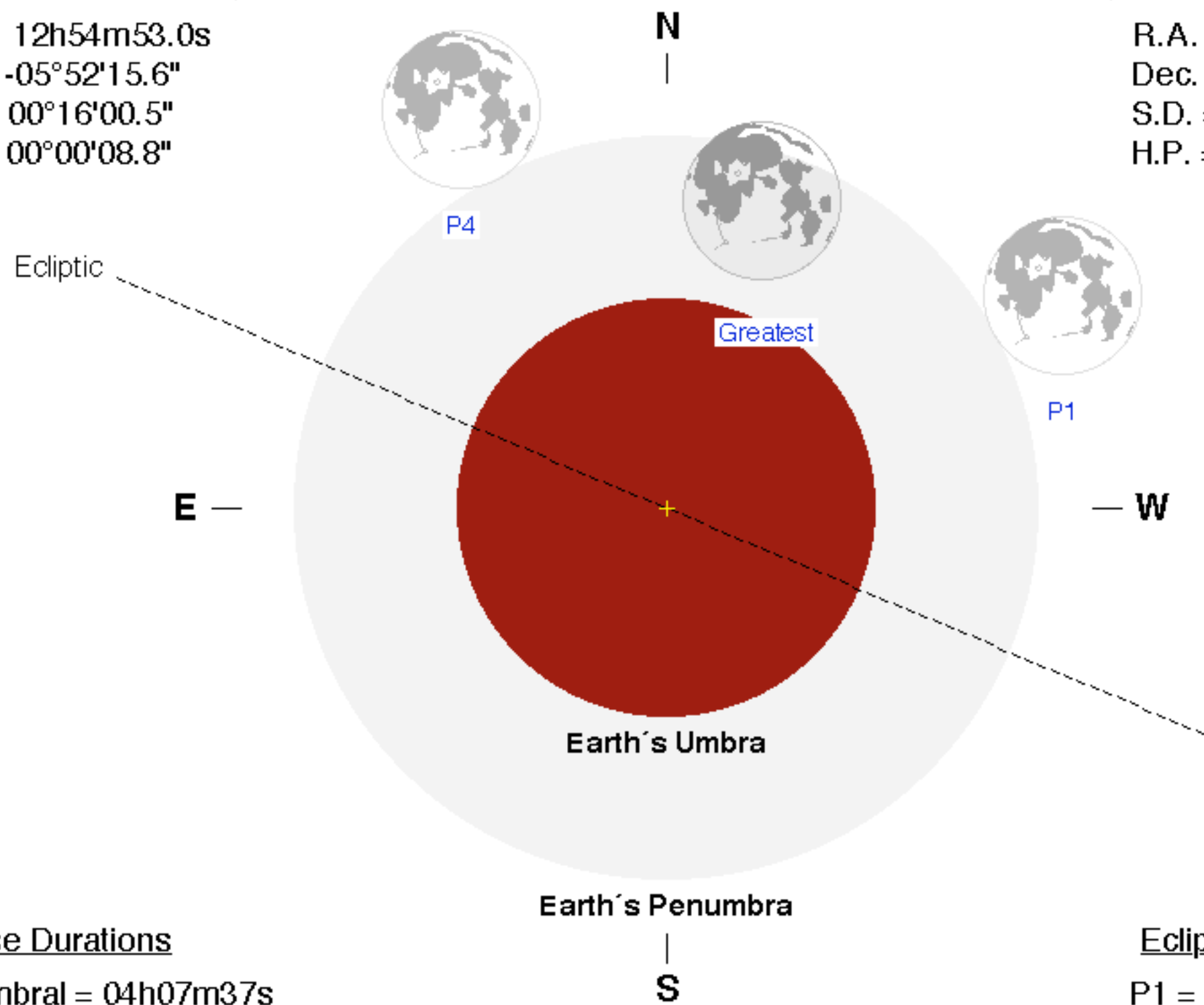
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h53m37.8s

Dec. = +06°52'47.5"

S.D. = 00°15'26.5"

H.P. = 00°56'40.2"



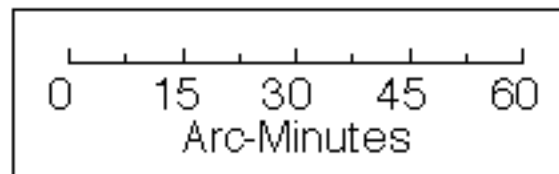
## Eclipse Durations

Penumbral = 04h07m37s

## Eclipse Contacts

P1 = 14:00:20 UT

P4 = 18:07:56 UT



$\Delta T = 61$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

[eclipse.gsfc.nasa.gov/eclipse.html](http://eclipse.gsfc.nasa.gov/eclipse.html)

