

# Penumbral Lunar Eclipse of 1904 Sep 24

Ecliptic Conjunction = 17:49:46.0 TD (= 17:49:42.5 UT)

Greatest Eclipse = 17:34:44.2 TD (= 17:34:40.7 UT)

Penumbral Magnitude = 0.5440

P. Radius = 1.1788°

Gamma = -1.2837

Umbral Magnitude = -0.5384

U. Radius = 0.6470°

Axis = 1.1571°

Saros Series = 145    Member = 5 of 71

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h04m28.8s

Dec. = -00°29'08.4"

S.D. = 00°15'57.1"

H.P. = 00°00'08.8"

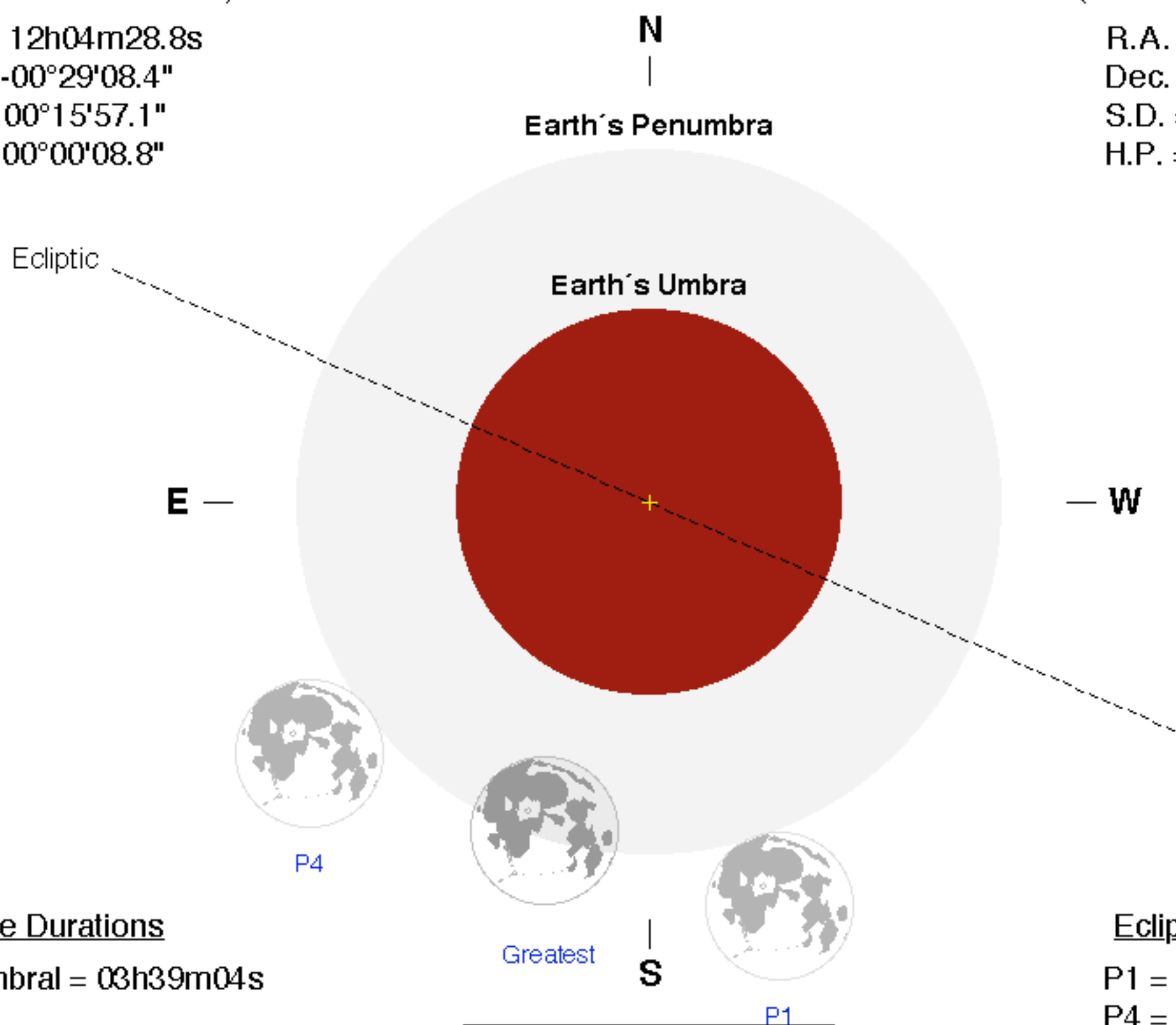
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h05m53.8s

Dec. = -00°36'57.7"

S.D. = 00°14'44.2"

H.P. = 00°54'05.2"



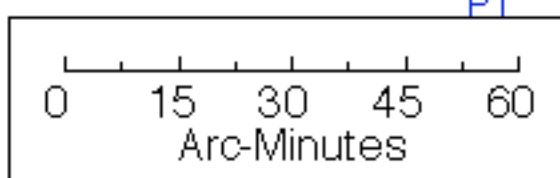
## Eclipse Durations

Penumbral = 03h39m04s

## Eclipse Contacts

P1 = 15:45:10 UT

P4 = 19:24:14 UT



$\Delta T = 3 \text{ s}$

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)

