

# Penumbral Lunar Eclipse of 1915 Aug 24

Ecliptic Conjunction = 21:40:21.9 TD (= 21:40:04.0 UT)

Greatest Eclipse = 21:27:17.4 TD (= 21:26:59.6 UT)

Penumbral Magnitude = 0.5750

P. Radius = 1.2461°

Gamma = 1.2435

Umbral Magnitude = -0.4226

U. Radius = 0.7186°

Axis = 1.2064°

Saros Series = 146

Member = 5 of 72

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h10m41.9s

Dec. = +11°15'46.0"

S.D. = 00°15'49.4"

H.P. = 00°00'08.7"

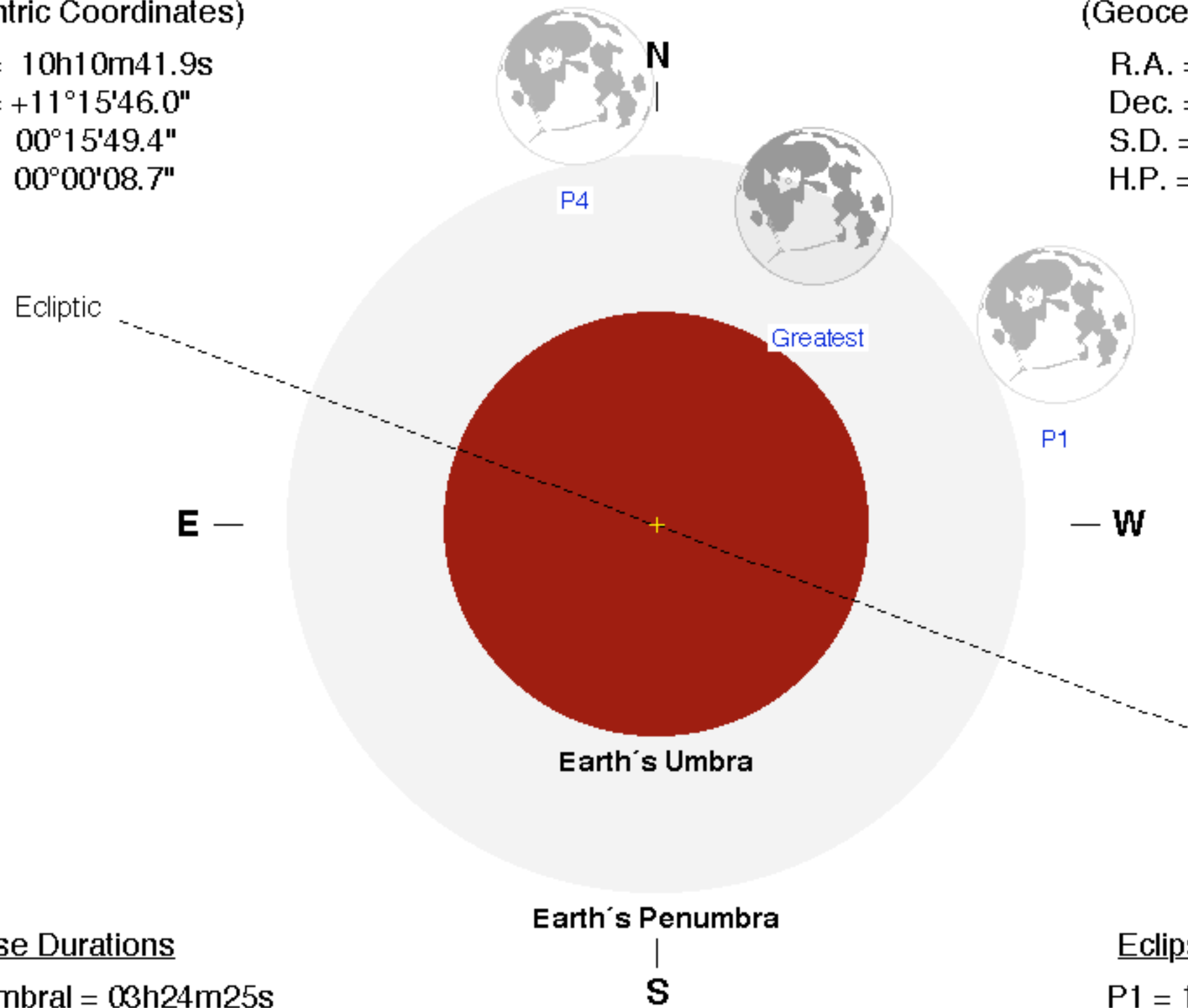
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h08m32.0s

Dec. = -10°10'47.5"

S.D. = 00°15'51.7"

H.P. = 00°58'12.8"



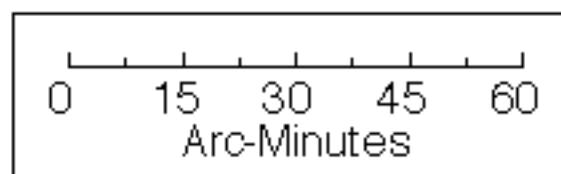
## Eclipse Durations

Penumbral = 03h24m25s

## Eclipse Contacts

P1 = 19:44:43 UT

P4 = 23:09:07 UT



$\Delta T = 18$  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)

