

# Partial Lunar Eclipse of 1903 Apr 12

Ecliptic Conjunction = 00:18:17.1 TD (= 00:18:15.5 UT)

Greatest Eclipse = 00:12:59.3 TD (= 00:12:57.7 UT)

Penumbral Magnitude = 1.9877

P. Radius = 1.2346°

Gamma = 0.4798

Umbral Magnitude = 0.9677

U. Radius = 0.7028°

Axis = 0.4590°

Saros Series = 130

Member = 28 of 72

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 01h17m19.0s

Dec. = +08°10'13.0"

S.D. = 00°15'57.3"

H.P. = 00°00'08.8"

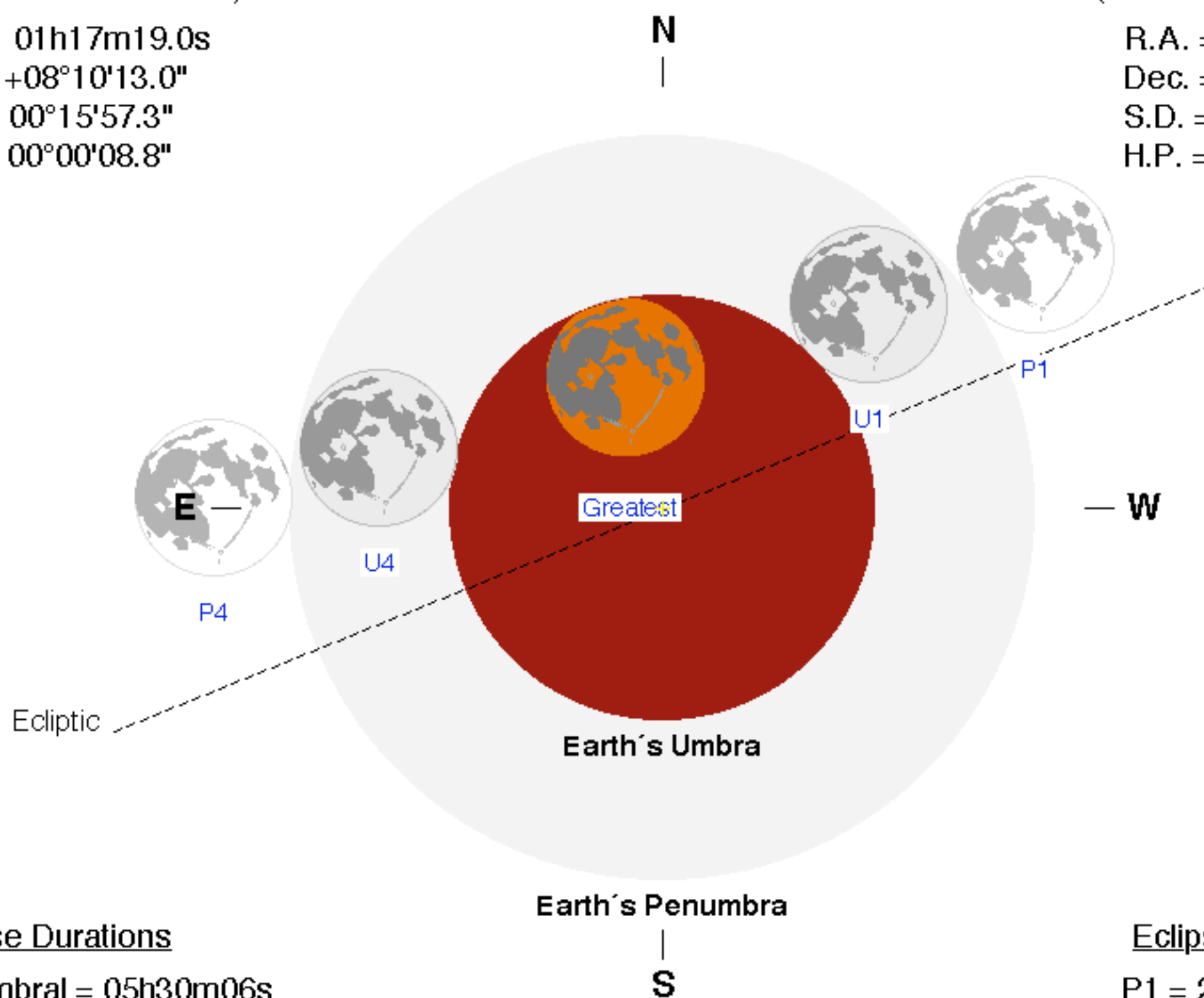
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 13h17m50.3s

Dec. = -07°43'47.6"

S.D. = 00°15'38.4"

H.P. = 00°57'24.1"



## Eclipse Durations

Penumbral = 05h30m06s

Umbral = 03h16m31s

## Eclipse Contacts

P1 = 21:27:56 UT

U1 = 22:34:39 UT

U4 = 01:51:11 UT

P4 = 02:58:02 UT

$\Delta T = 2 \text{ s}$

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)

