

# Partial Lunar Eclipse of 1903 Oct 06

Ecliptic Conjunction = 15:23:33.7 TD (= 15:23:31.4 UT)

Greatest Eclipse = 15:17:32.8 TD (= 15:17:30.5 UT)

Penumbral Magnitude = 1.9133

P. Radius = 1.2126°

Gamma = -0.5280

Umbral Magnitude = 0.8654

U. Radius = 0.6792°

Axis = 0.4932°

Saros Series = 135 Member = 17 of 71

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h44m49.7s

Dec. = -04°49'07.5"

S.D. = 00°16'00.2"

H.P. = 00°00'08.8"

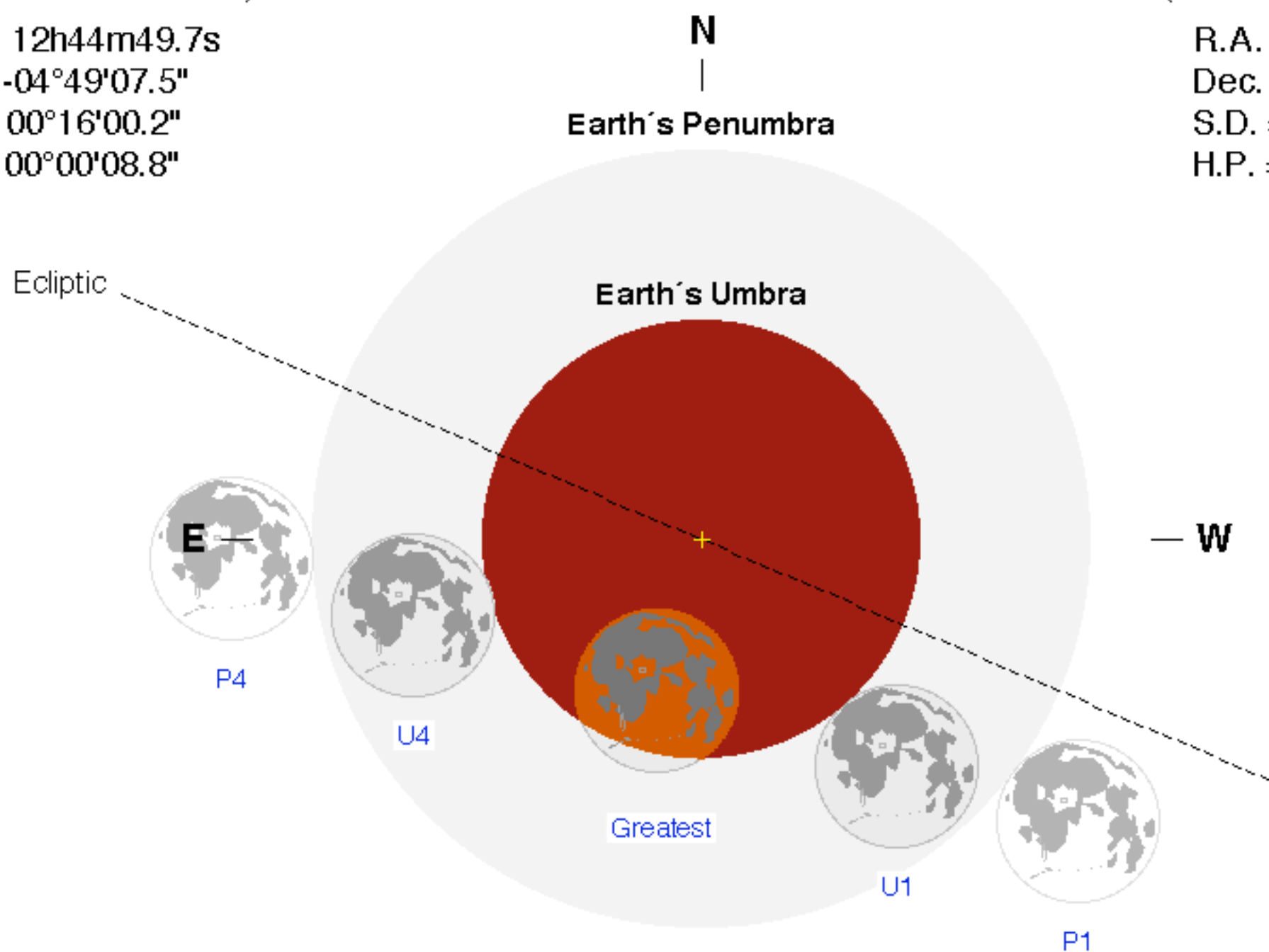
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h45m24.9s

Dec. = +04°20'52.0"

S.D. = 00°15'16.3"

H.P. = 00°56'02.9"



## Eclipse Durations

Penumbral = 05h37m29s

Umbral = 03h13m40s

## Eclipse Contacts

P1 = 12:28:44 UT

U1 = 13:40:43 UT

U4 = 16:54:23 UT

P4 = 18:06:13 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)

