

Partial Lunar Eclipse of 1905 Feb 19

Ecliptic Conjunction = 18:51:51.6 TD (= 18:51:47.6 UT)

Greatest Eclipse = 19:00:02.4 TD (= 18:59:58.4 UT)

Penumbral Magnitude = 1.3809

P. Radius = 1.2959°

Gamma = -0.7984

Umbral Magnitude = 0.4049

U. Radius = 0.7567°

Axis = 0.8093°

Saros Series = 112 Member = 59 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h10m13.9s

Dec. = -11°18'15.8"

S.D. = 00°16'10.4"

H.P. = 00°00'08.9"

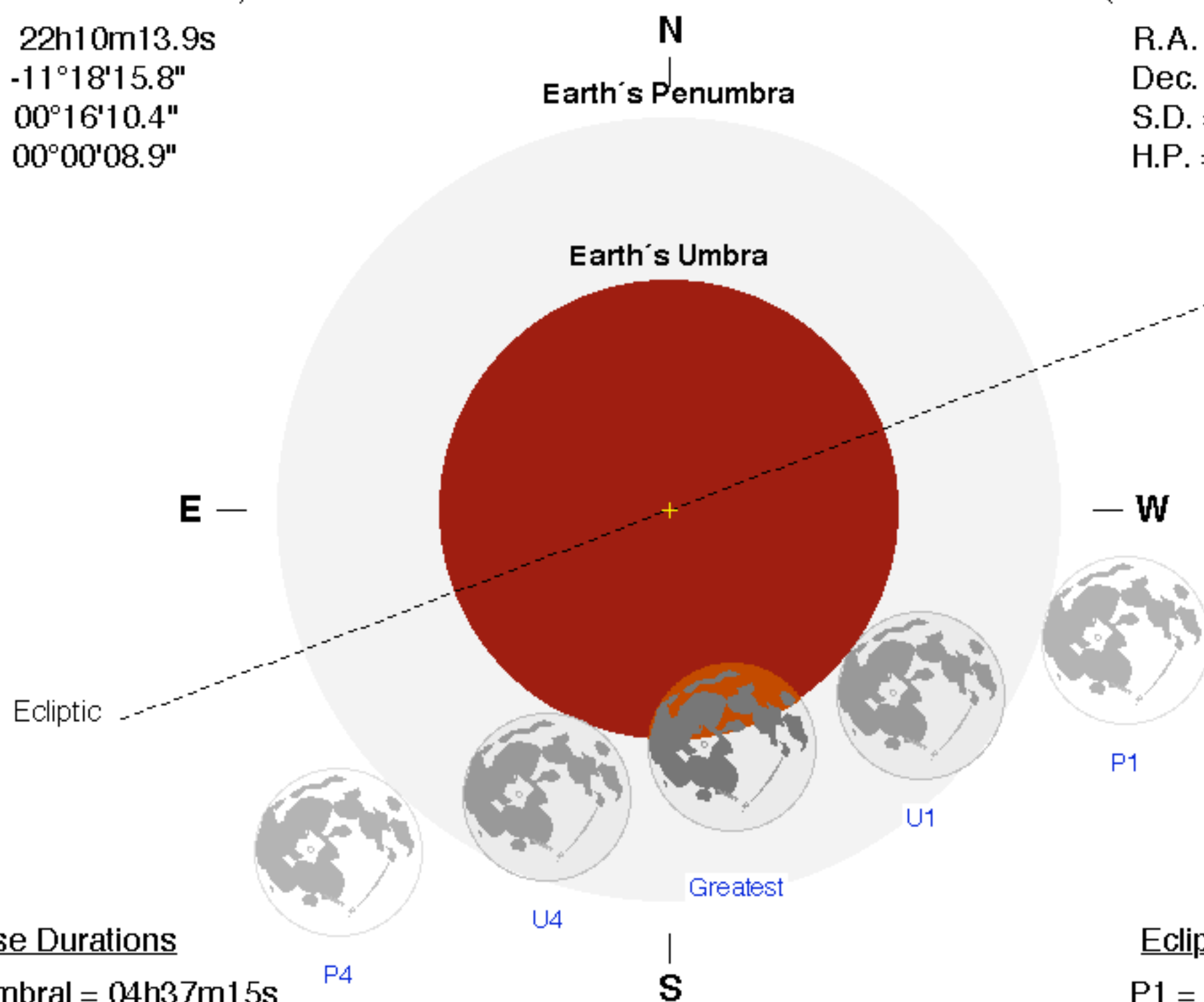
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h09m22.6s

Dec. = +10°31'22.3"

S.D. = 00°16'34.4"

H.P. = 01°00'49.3"



Eclipse Durations

Penumbral = 04h37m15s

Umbral = 02h12m04s

Eclipse Contacts

P1 = 16:41:22 UT

U1 = 17:53:59 UT

U4 = 20:06:03 UT

P4 = 21:18:37 UT

$\Delta T = 4 \text{ s}$

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

