

Partial Lunar Eclipse of 1916 Jul 15

Ecliptic Conjunction = 04:40:06.4 TD (= 04:39:47.6 UT)

Greatest Eclipse = 04:46:07.4 TD (= 04:45:48.6 UT)

Penumbral Magnitude = 1.7351

P. Radius = 1.2980°

Gamma = -0.5956

Umbral Magnitude = 0.7944

U. Radius = 0.7735°

Axis = 0.6094°

Saros Series = 118 Member = 46 of 74

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 07h36m32.0s

Dec. = +21°35'52.3"

S.D. = 00°15'44.1"

H.P. = 00°00'08.7"

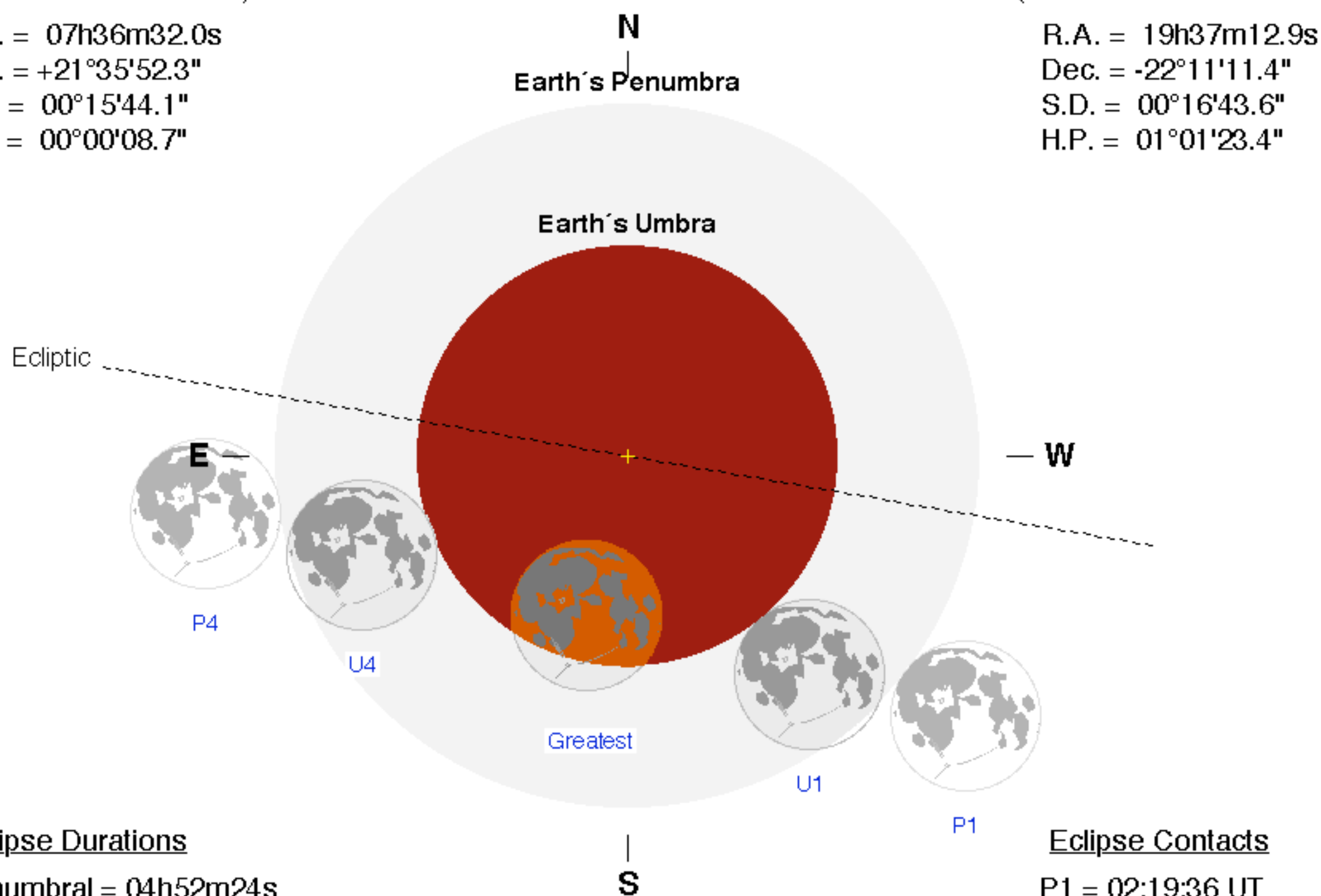
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 19h37m12.9s

Dec. = -22°11'11.4"

S.D. = 00°16'43.6"

H.P. = 01°01'23.4"



Eclipse Durations

Penumbral = 04h52m24s

Umbral = 02h52m30s

Eclipse Contacts

P1 = 02:19:36 UT

U1 = 03:19:33 UT

U4 = 06:12:03 UT

P4 = 07:12:00 UT

$\Delta T = 19 \text{ s}$

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

