

Partial Lunar Eclipse of 1943 Aug 15

Ecliptic Conjunction = 19:34:22.3 TD (= 19:33:56.1 UT)

Greatest Eclipse = 19:28:45.6 TD (= 19:28:19.4 UT)

Penumbral Magnitude = 1.8152

P. Radius = 1.2977°

Gamma = -0.5533

Umbral Magnitude = 0.8697

U. Radius = 0.7712°

Axis = 0.5654°

Saros Series = 137 Member = 24 of 81

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 09h37m47.7s

Dec. = +14°09'07.3"

S.D. = 00°15'47.7"

H.P. = 00°00'08.7"

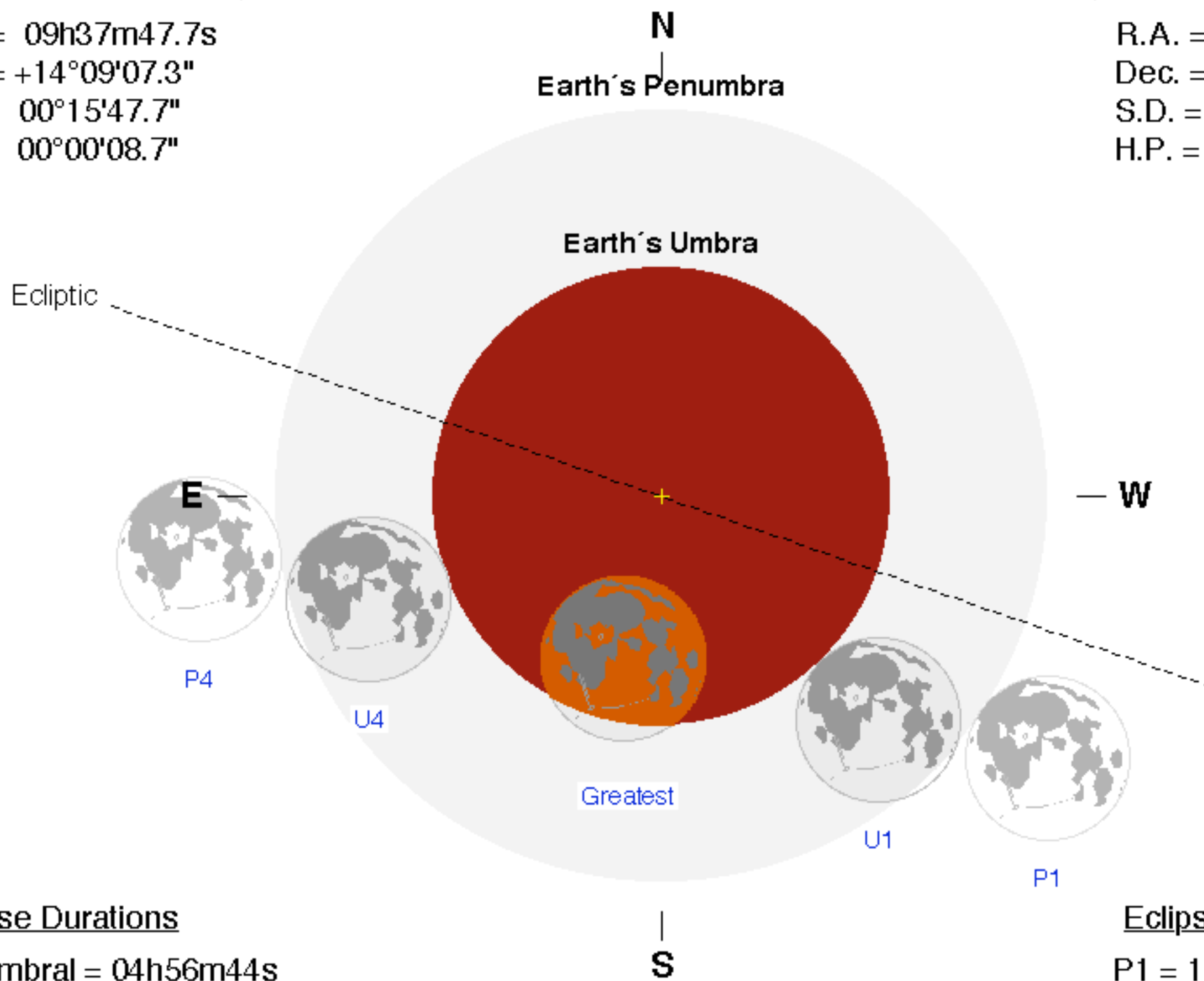
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 21h38m19.9s

Dec. = -14°42'08.2"

S.D. = 00°16'42.3"

H.P. = 01°01'18.6"



Eclipse Durations

Penumbral = 04h56m44s

Umbral = 02h58m23s

Eclipse Contacts

P1 = 16:59:57 UT

U1 = 17:59:07 UT

U4 = 20:57:30 UT

P4 = 21:56:41 UT

$\Delta T = 26$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

