

Total Lunar Eclipse of 1917 Jul 04

Ecliptic Conjunction = 21:40:32.2 TD (= 21:40:12.5 UT)

Greatest Eclipse = 21:39:03.7 TD (= 21:38:44.0 UT)

Penumbral Magnitude = 2.5762

P. Radius = 1.2793°

Gamma = 0.1419

Umbral Magnitude = 1.6185

U. Radius = 0.7550°

Axis = 0.1426°

Saros Series = 128

Member = 35 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 06h53m26.6s

Dec. = +22°52'54.4"

S.D. = 00°15'43.9"

H.P. = 00°00'08.6"

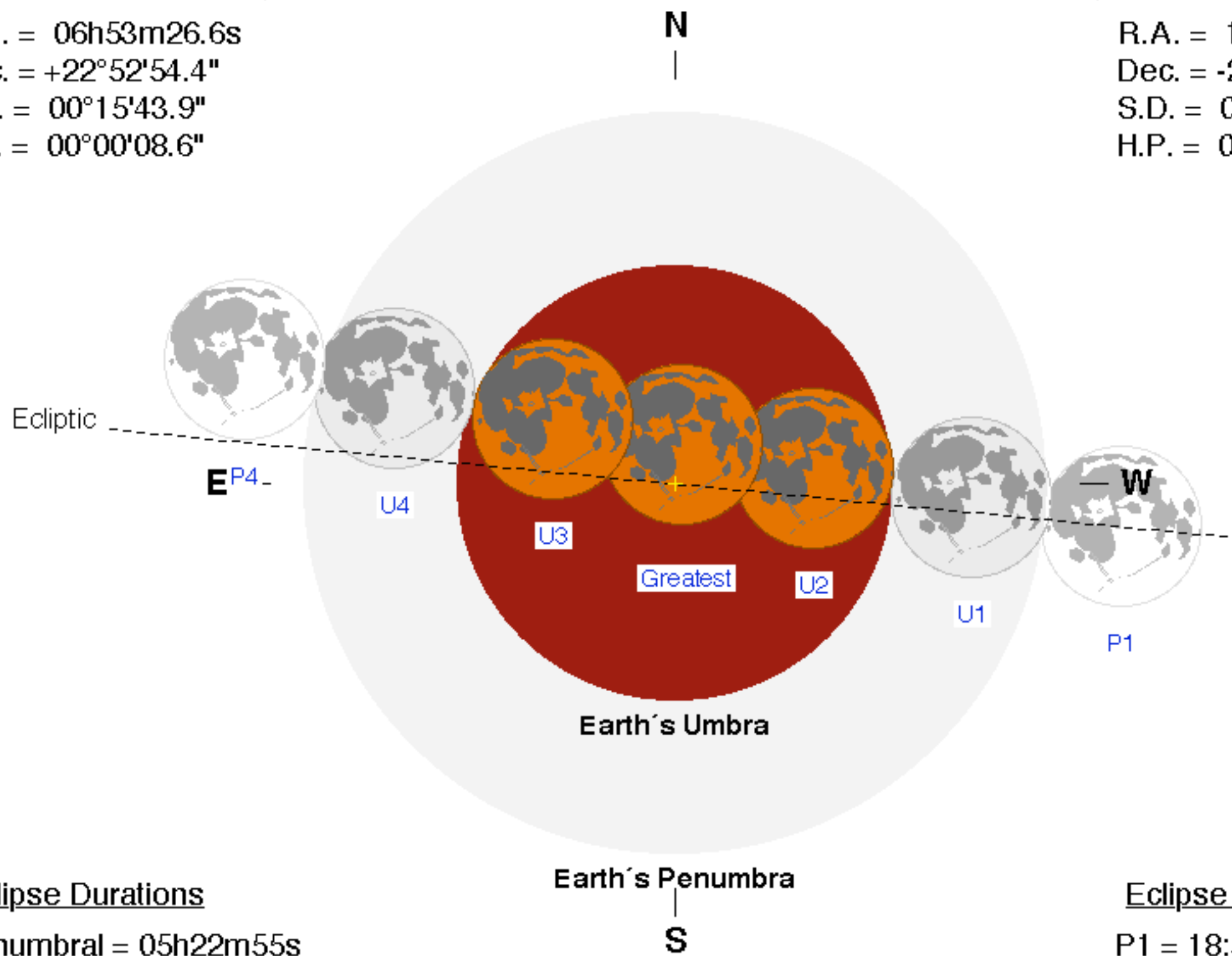
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 18h53m19.5s

Dec. = -22°44'30.4"

S.D. = 00°16'25.5"

H.P. = 01°00'17.0"



Eclipse Durations

Penumbral = 05h22m55s

Umbral = 03h32m45s

Total = 01h35m59s

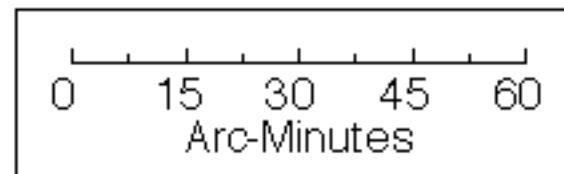
$\Delta T = 20$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Earth's Penumbra

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F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

Eclipse Contacts

P1 = 18:57:15 UT

U1 = 19:52:22 UT

U2 = 20:50:45 UT

U3 = 22:26:44 UT

U4 = 23:25:07 UT

P4 = 00:20:10 UT

