

Total Lunar Eclipse of 1906 Aug 04

Ecliptic Conjunction = 12:59:40.0 TD (= 12:59:34.2 UT)

Greatest Eclipse = 13:00:10.4 TD (= 13:00:04.6 UT)

Penumbral Magnitude = 2.7615

P. Radius = 1.2569°

Gamma = 0.0477

Umbral Magnitude = 1.7793

U. Radius = 0.7314°

Axis = 0.0468°

Saros Series = 127

Member = 36 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 08h54m41.5s

Dec. = +17°25'07.7"

S.D. = 00°15'46.0"

H.P. = 00°00'08.7"

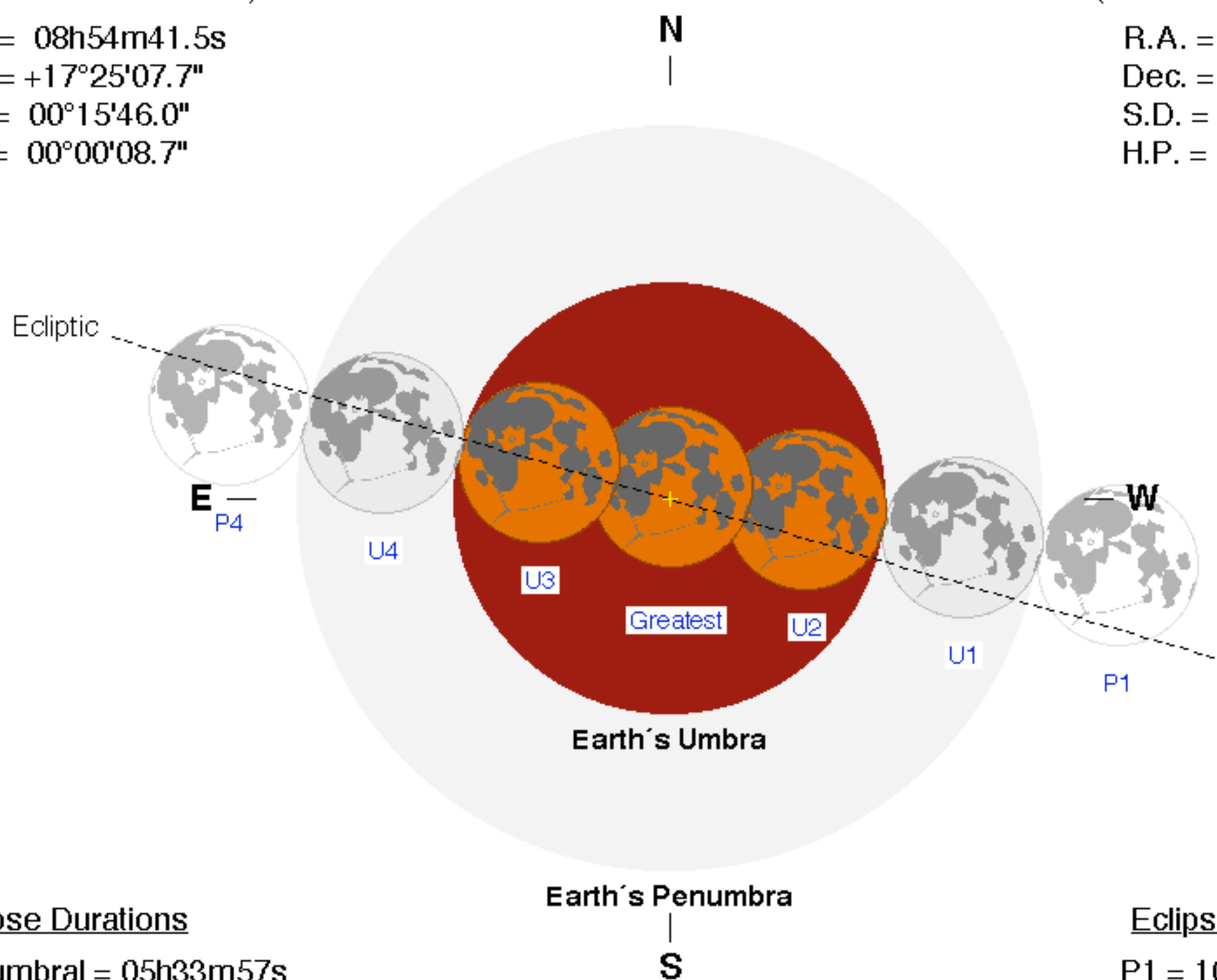
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 20h54m39.4s

Dec. = -17°22'22.0"

S.D. = 00°16'03.2"

H.P. = 00°58'54.9"



Eclipse Durations

Penumbral = 05h33m57s

Umbral = 03h38m43s

Total = 01h41m09s

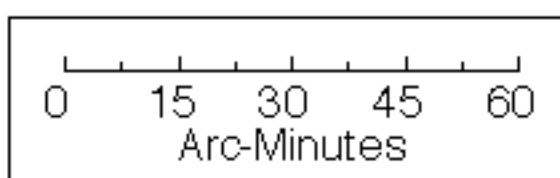
$\Delta T = 6$ s

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 = 10:13:09 UT

U1 = 11:10:42 UT

U2 = 12:09:29 UT

U3 = 13:50:39 UT

U4 = 14:49:25 UT

P4 = 15:47:06 UT

