

Total Lunar Eclipse of 2055 Feb 11

Ecliptic Conjunction = 22:49:55.0 TD (= 22:48:11.7 UT)

Greatest Eclipse = 22:46:17.5 TD (= 22:44:34.1 UT)

Penumbral Magnitude = 2.1970

P. Radius = 1.3022°

Gamma = 0.3526

Umbral Magnitude = 1.2246

U. Radius = 0.7620°

Axis = 0.3594°

Saros Series = 134

Member = 29 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 21h42m03.5s

Dec. = -13°47'10.7"

S.D. = 00°16'12.3"

H.P. = 00°00'08.9"

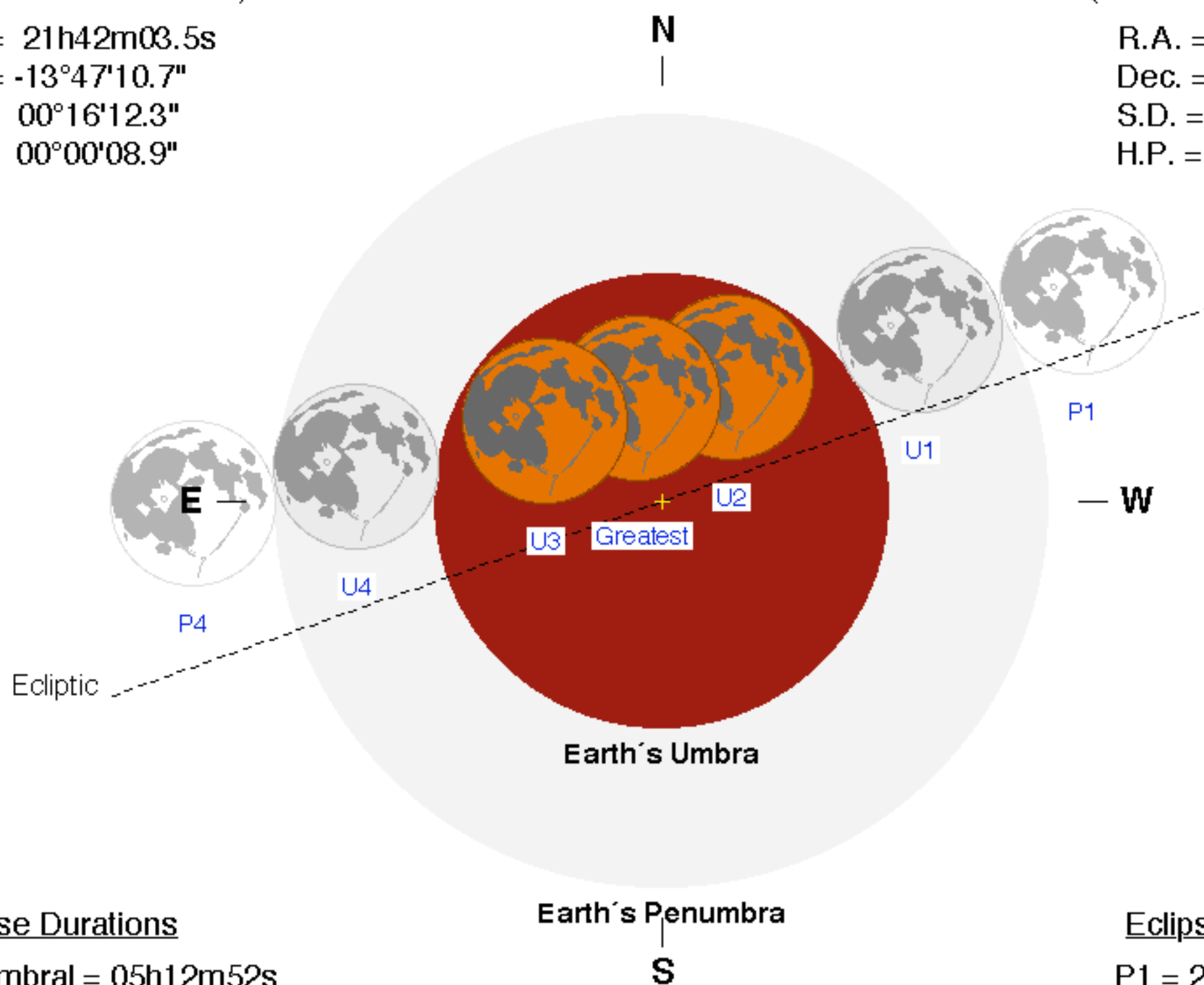
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 09h42m24.2s

Dec. = +14°08'09.1"

S.D. = 00°16'39.9"

H.P. = 01°01'09.8"



Eclipse Durations

Penumbral = 05h12m52s

Umbral = 03h18m25s

Total = 01h06m00s

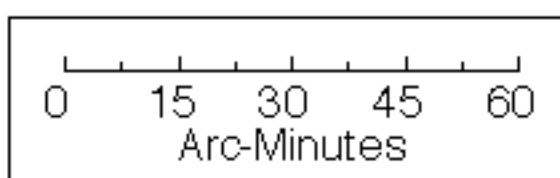
$\Delta T = 103$ s

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 = 20:08:07 UT

U1 = 21:05:22 UT

U2 = 22:11:35 UT

U3 = 23:17:34 UT

U4 = 00:23:47 UT

P4 = 01:20:59 UT

