

Total Lunar Eclipse of 1910 Nov 17

Ecliptic Conjunction = 00:25:02.8 TD (= 00:24:51.2 UT)

Greatest Eclipse = 00:20:52.5 TD (= 00:20:40.9 UT)

Penumbral Magnitude = 2.0905

P. Radius = 1.3070°

Gamma = 0.4089

Umbral Magnitude = 1.1246

U. Radius = 0.7677°

Axis = 0.4189°

Saros Series = 134

Member = 21 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 15h25m35.7s

Dec. = -18°43'42.8"

S.D. = 00°16'10.8"

H.P. = 00°00'08.9"

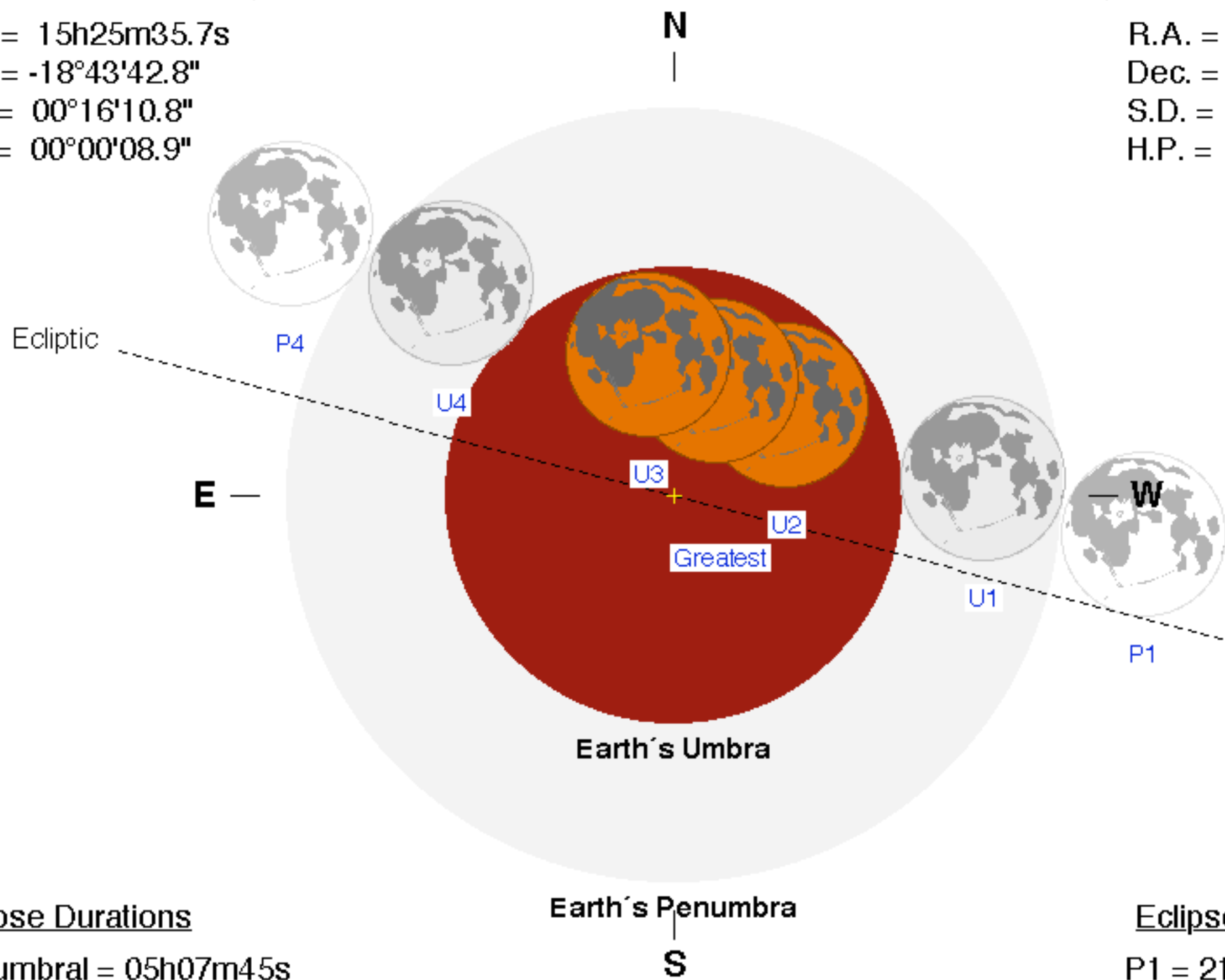
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 03h24m59.2s

Dec. = +19°07'19.5"

S.D. = 00°16'45.1"

H.P. = 01°01'28.7"



Eclipse Durations

Penumbral = 05h07m45s

Umbral = 03h13m01s

Total = 00h50m33s

$\Delta T = 12$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

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P1 = 21:46:49 UT

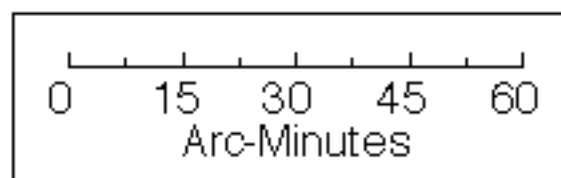
U1 = 22:44:11 UT

U2 = 23:55:24 UT

U3 = 00:45:58 UT

U4 = 01:57:12 UT

P4 = 02:54:34 UT



F. Espenak, NASA's GSFC
eclipse.gsfc.nasa.gov/eclipse.html

