

Total Lunar Eclipse of 1985 Oct 28

Ecliptic Conjunction = 17:38:26.5 TD (= 17:37:31.8 UT)

Greatest Eclipse = 17:43:17.2 TD (= 17:42:22.4 UT)

Penumbral Magnitude = 2.1673

P. Radius = 1.1803°

Gamma = -0.4022

Umbral Magnitude = 1.0736

U. Radius = 0.6435°

Axis = 0.3621°

Saros Series = 126

Member = 44 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 14h11m49.8s

Dec. = -13°16'24.9"

S.D. = 00°16'06.1"

H.P. = 00°00'08.9"

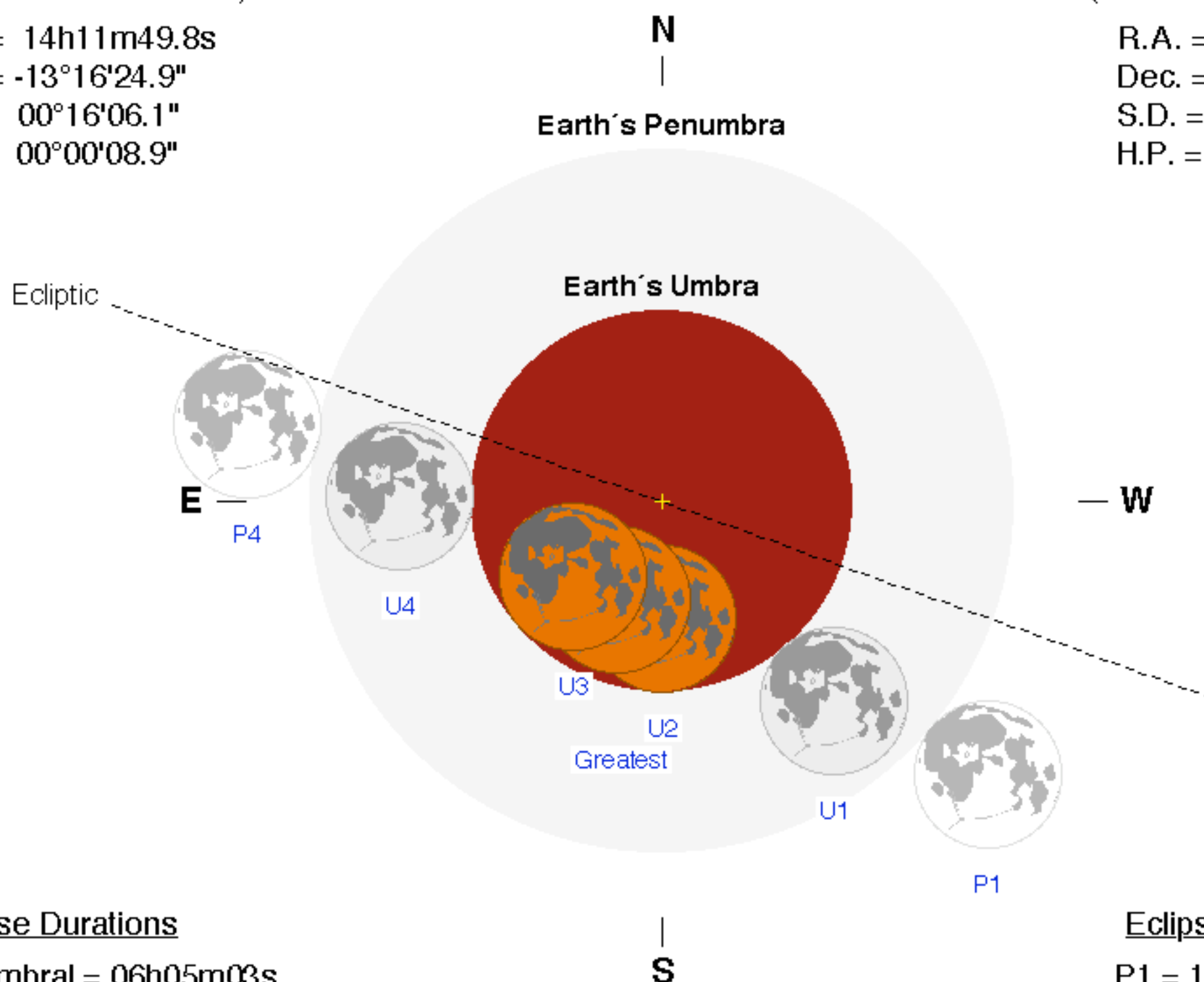
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 02h12m27.8s

Dec. = +12°56'45.9"

S.D. = 00°14'43.3"

H.P. = 00°54'01.6"



Eclipse Durations

Penumbral = 06h05m03s

Umbral = 03h34m57s

Total = 00h43m52s

$\Delta T = 55$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 14:39:51 UT

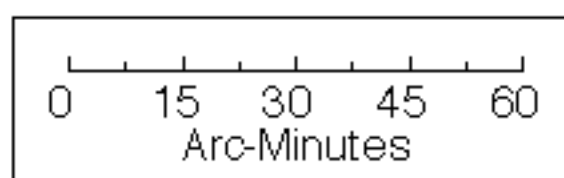
U1 = 15:54:53 UT

U2 = 17:20:26 UT

U3 = 18:04:18 UT

U4 = 19:29:50 UT

P4 = 20:44:54 UT



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eclipse.gsfc.nasa.gov/eclipse.html

