

Total Lunar Eclipse of 1967 Oct 18

Ecliptic Conjunction = 10:11:24.1 TD (= 10:10:46.0 UT)

Greatest Eclipse = 10:15:48.1 TD (= 10:15:10.0 UT)

Penumbral Magnitude = 2.2337

P. Radius = 1.1790°

Gamma = -0.3653

Umbral Magnitude = 1.1426

U. Radius = 0.6439°

Axis = 0.3287°

Saros Series = 126

Member = 43 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 13h30m10.8s

Dec. = -09°26'26.5"

S.D. = 00°16'03.3"

H.P. = 00°00'08.8"

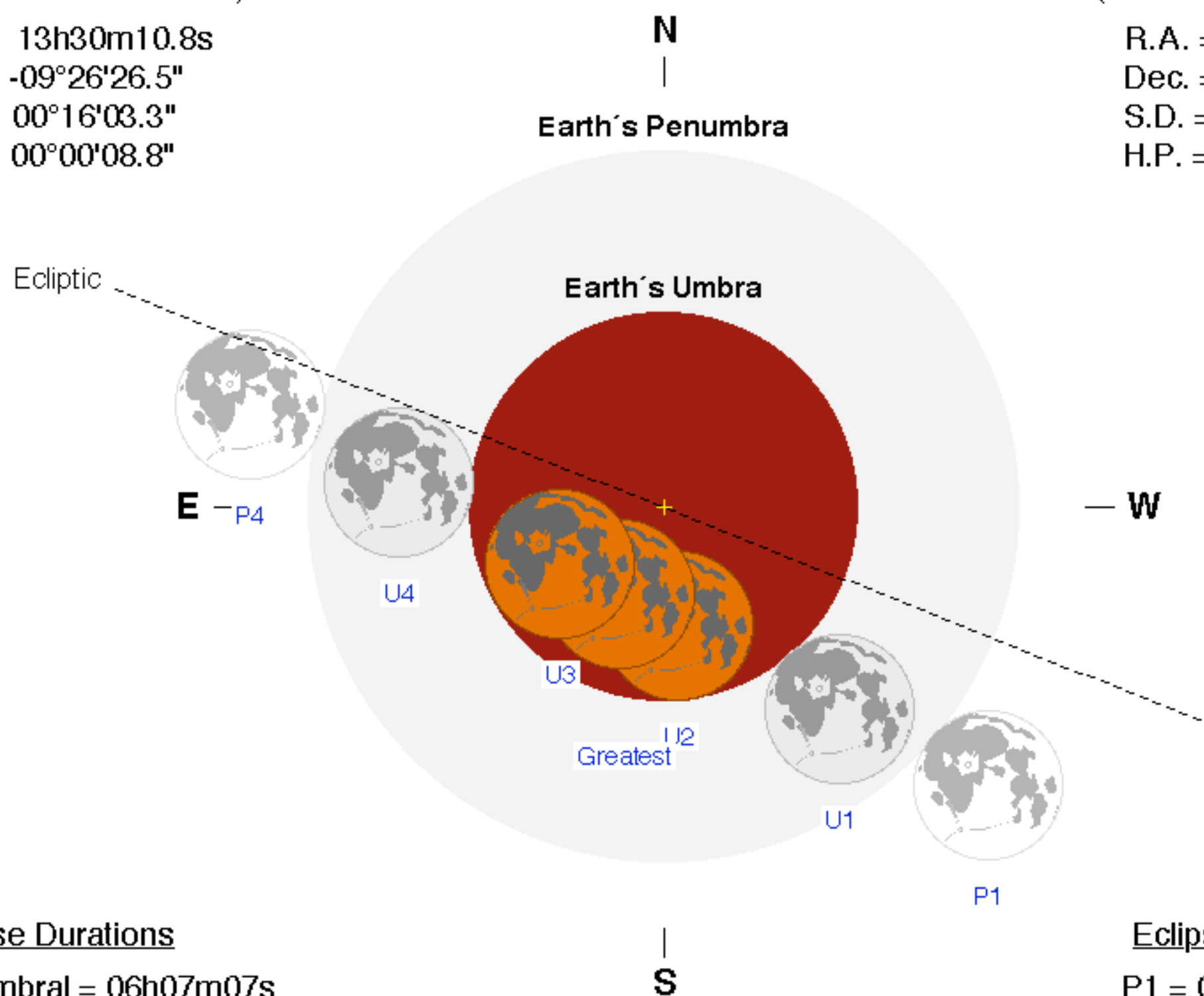
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 01h30m47.5s

Dec. = +09°08'55.0"

S.D. = 00°14'42.8"

H.P. = 00°54'00.0"



Eclipse Durations

Penumbral = 06h07m07s

Umbral = 03h38m52s

Total = 00h59m45s

$\Delta T = 38$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 07:11:37 UT

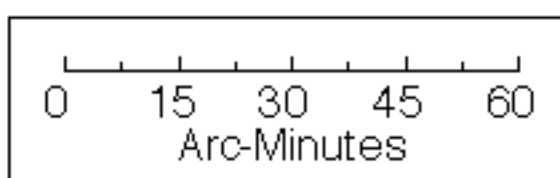
U1 = 08:25:44 UT

U2 = 09:45:17 UT

U3 = 10:45:02 UT

U4 = 12:04:35 UT

P4 = 13:18:43 UT



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eclipse.gsfc.nasa.gov/eclipse.html

