

Total Lunar Eclipse of 1917 Dec 28

Ecliptic Conjunction = 09:51:37.6 TD (= 09:51:17.5 UT)

Greatest Eclipse = 09:46:31.5 TD (= 09:46:11.4 UT)

Penumbral Magnitude = 2.0652

P. Radius = 1.2219°

Gamma = -0.4484

Umbral Magnitude = 1.0056

U. Radius = 0.6797°

Axis = 0.4210°

Saros Series = 133 Member = 21 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 18h26m37.9s

Dec. = -23°18'31.3"

S.D. = 00°16'15.9"

H.P. = 00°00'08.9"

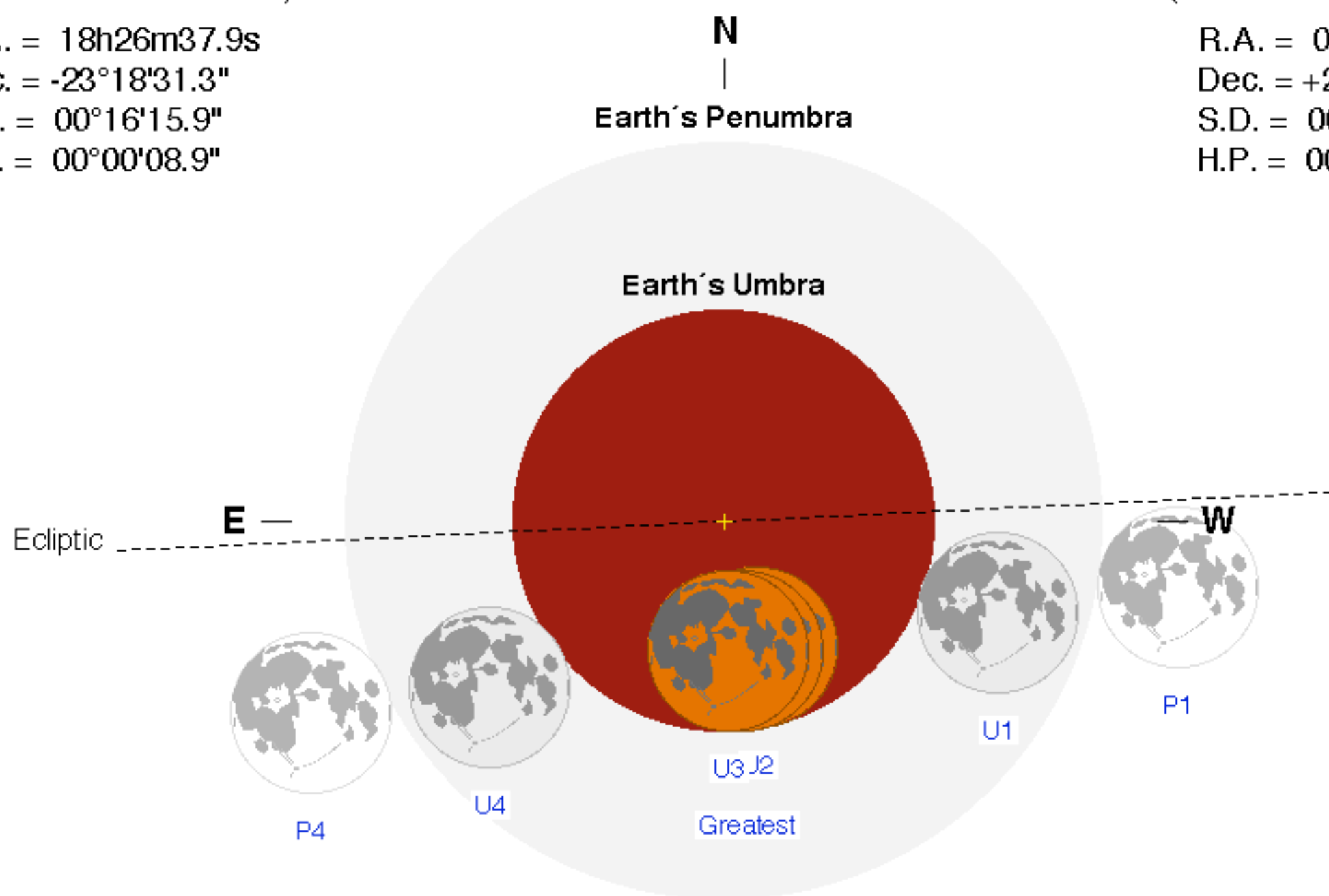
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 06h26m22.0s

Dec. = +22°53'31.7"

S.D. = 00°15'21.0"

H.P. = 00°56'20.3"



Eclipse Durations

Penumbral = 05h42m59s

Umbral = 03h22m20s

Total = 00h11m58s

$\Delta T = 20$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 06:54:45 UT

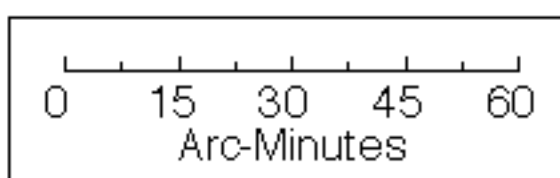
U1 = 08:05:00 UT

U2 = 09:40:11 UT

U3 = 09:52:09 UT

U4 = 11:27:19 UT

P4 = 12:37:43 UT



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eclipse.gsfc.nasa.gov/eclipse.html

