

# Total Lunar Eclipse of 2032 Apr 25

Ecliptic Conjunction = 15:10:51.4 TD (= 15:09:32.4 UT)

Greatest Eclipse = 15:14:50.6 TD (= 15:13:31.5 UT)

Penumbral Magnitude = 2.2192

P. Radius = 1.2228°

Gamma = -0.3558

Umbral Magnitude = 1.1913

U. Radius = 0.6929°

Axis = 0.3365°

Saros Series = 122

Member = 57 of 75

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 02h14m38.2s

Dec. = +13°30'28.9"

S.D. = 00°15'53.8"

H.P. = 00°00'08.7"

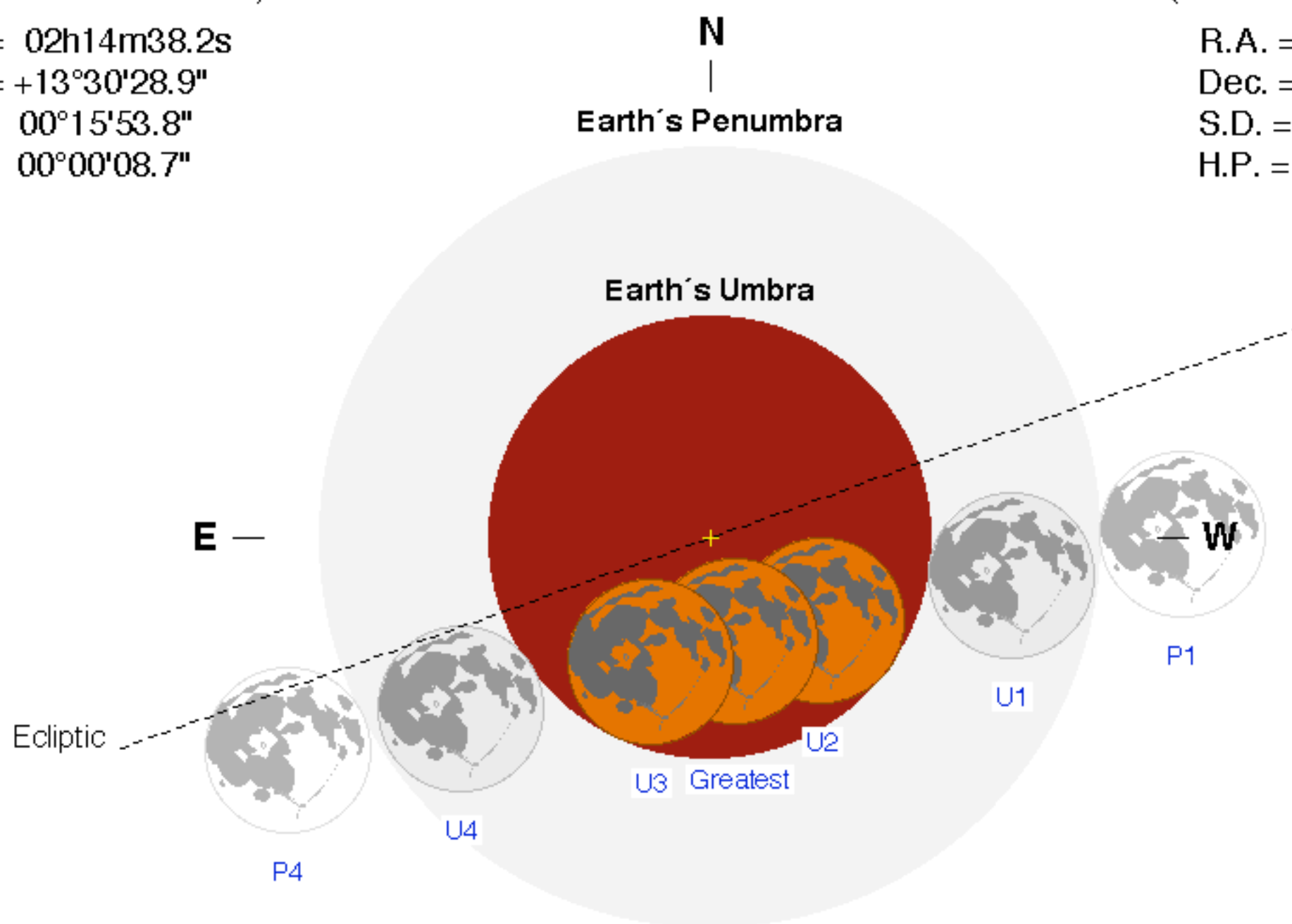
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 14h14m18.6s

Dec. = -13°50'06.1"

S.D. = 00°15'27.9"

H.P. = 00°56'45.4"



## Eclipse Durations

Penumbral = 05h42m26s

Umbral = 03h31m11s

Total = 01h05m32s

$\Delta T = 79$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

## Eclipse Contacts

P1 = 12:22:16 UT

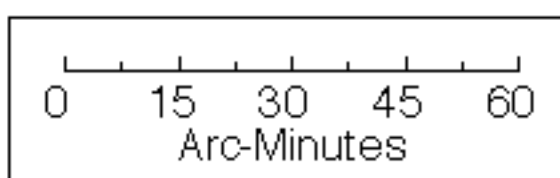
U1 = 13:27:58 UT

U2 = 14:40:47 UT

U3 = 15:46:19 UT

U4 = 16:59:09 UT

P4 = 18:04:42 UT



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eclipse.gsfc.nasa.gov/eclipse.html

