

# Total Lunar Eclipse of 1967 Apr 24

Ecliptic Conjunction = 12:04:01.7 TD (= 12:03:24.1 UT)

Greatest Eclipse = 12:07:03.9 TD (= 12:06:26.3 UT)

Penumbral Magnitude = 2.2892

P. Radius = 1.2976°

Gamma = 0.2972

Umbral Magnitude = 1.3356

U. Radius = 0.7676°

Axis = 0.3031°

Saros Series = 121

Member = 53 of 84

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 02h05m32.6s

Dec. = +12°43'38.6"

S.D. = 00°15'54.1"

H.P. = 00°00'08.7"

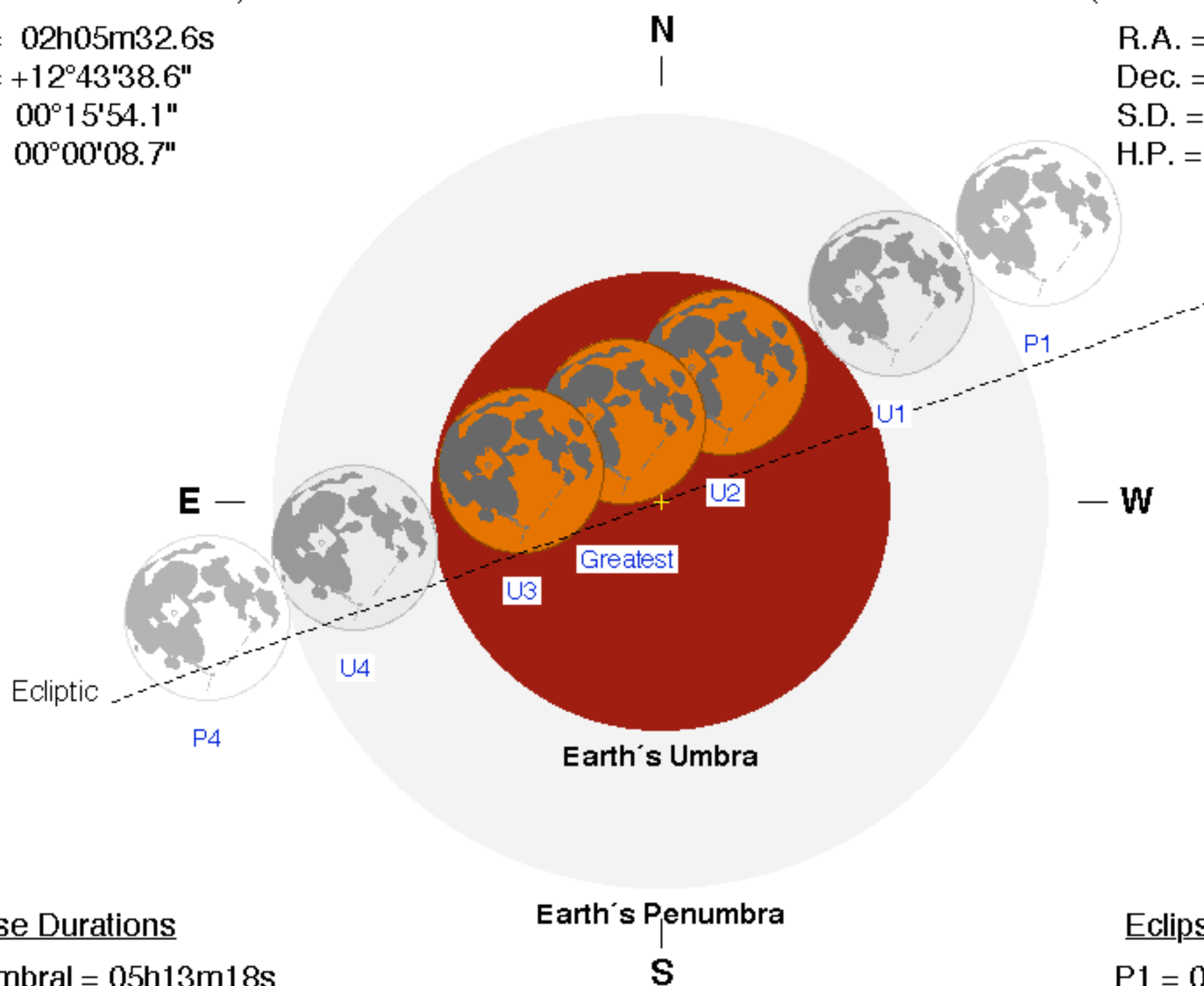
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 14h06m04.6s

Dec. = -12°27'13.6"

S.D. = 00°16'40.5"

H.P. = 01°01'11.8"



## Eclipse Durations

Penumbral = 05h13m18s

Umbral = 03h22m46s

Total = 01h17m56s

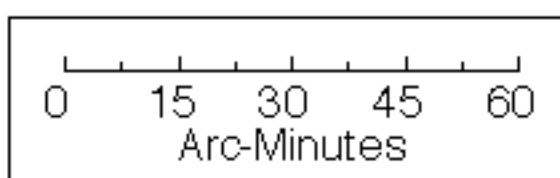
$\Delta T = 38$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

## Earth's Penumbra

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F. Espenak, NASA's GSFC

[eclipse.gsfc.nasa.gov/eclipse.html](http://eclipse.gsfc.nasa.gov/eclipse.html)

## Eclipse Contacts

P1 = 09:29:48 UT

U1 = 10:25:03 UT

U2 = 11:27:28 UT

U3 = 12:45:24 UT

U4 = 13:47:49 UT

P4 = 14:43:05 UT

