

# Partial Lunar Eclipse of 1959 Mar 24

Ecliptic Conjunction = 20:02:57.5 TD (= 20:02:24.7 UT)

Greatest Eclipse = 20:11:57.0 TD (= 20:11:24.2 UT)

Penumbral Magnitude = 1.2379

P. Radius = 1.2876°

Gamma = -0.8757

Umbral Magnitude = 0.2643

U. Radius = 0.7529°

Axis = 0.8824°

Saros Series = 112      Member = 62 of 72

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h12m37.9s

Dec. = +01°22'05.8"

S.D. = 00°16'02.4"

H.P. = 00°00'08.8"

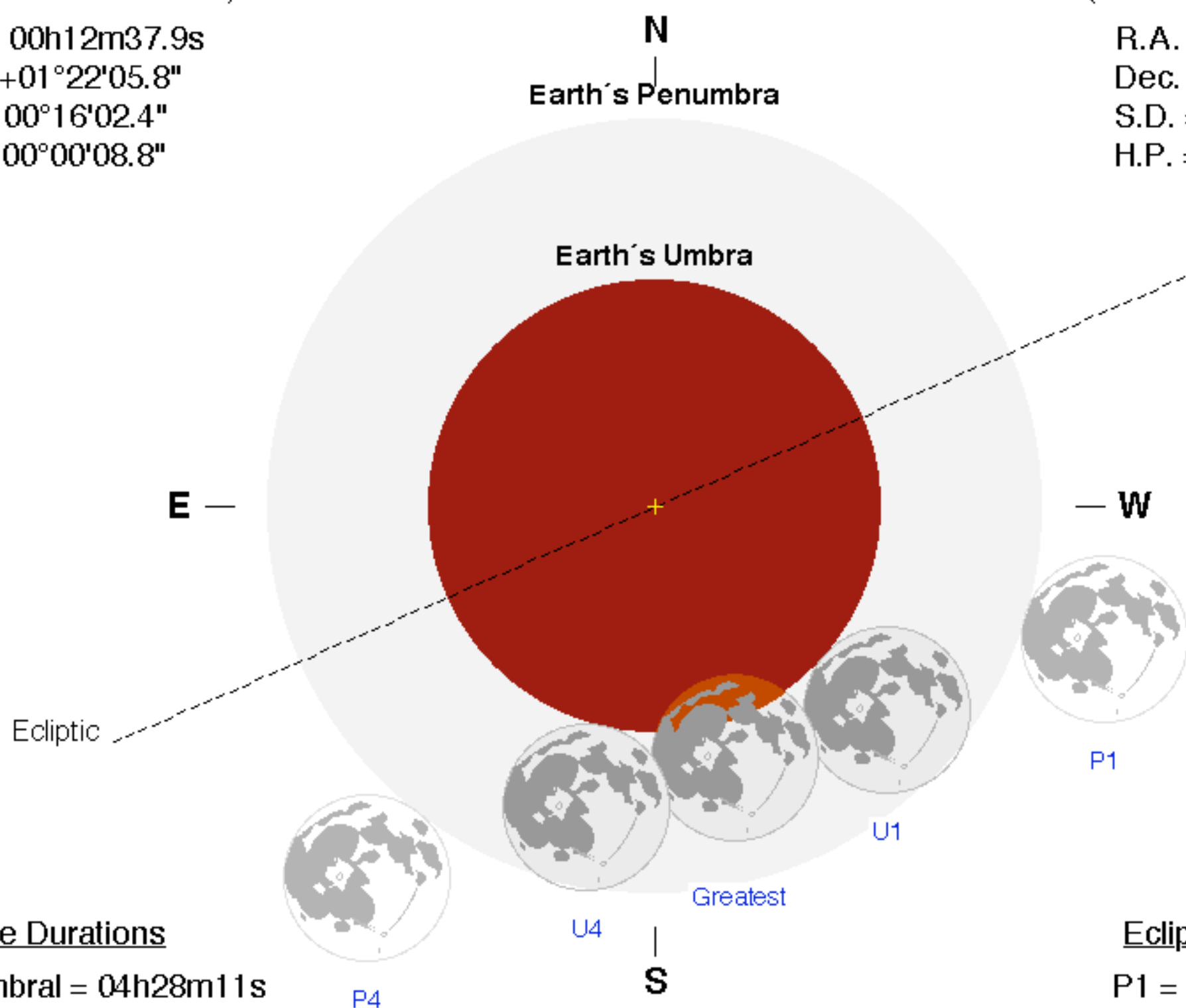
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h11m33.0s

Dec. = -02°12'30.0"

S.D. = 00°16'28.5"

H.P. = 01°00'27.8"



## Eclipse Durations

Penumbral = 04h28m11s

Umbral = 01h49m32s

## Eclipse Contacts

P1 = 17:57:20 UT

U1 = 19:16:42 UT

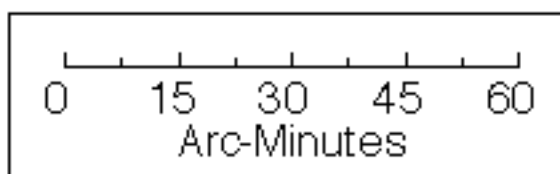
U4 = 21:06:14 UT

P4 = 22:25:31 UT

$\Delta T = 33$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



F. Espenak, NASA's GSFC  
eclipse.gsfc.nasa.gov/eclipse.html

