

Total Lunar Eclipse of 1927 Dec 08

Ecliptic Conjunction = 17:32:14.8 TD (= 17:31:50.7 UT)

Greatest Eclipse = 17:35:10.5 TD (= 17:34:46.3 UT)

Penumbral Magnitude = 2.3389

P. Radius = 1.2887°

Gamma = -0.2796

Umbral Magnitude = 1.3510

U. Radius = 0.7473°

Axis = 0.2811°

Saros Series = 124

Member = 44 of 74

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h57m38.0s

Dec. = -22°40'29.0"

S.D. = 00°16'14.3"

H.P. = 00°00'08.9"

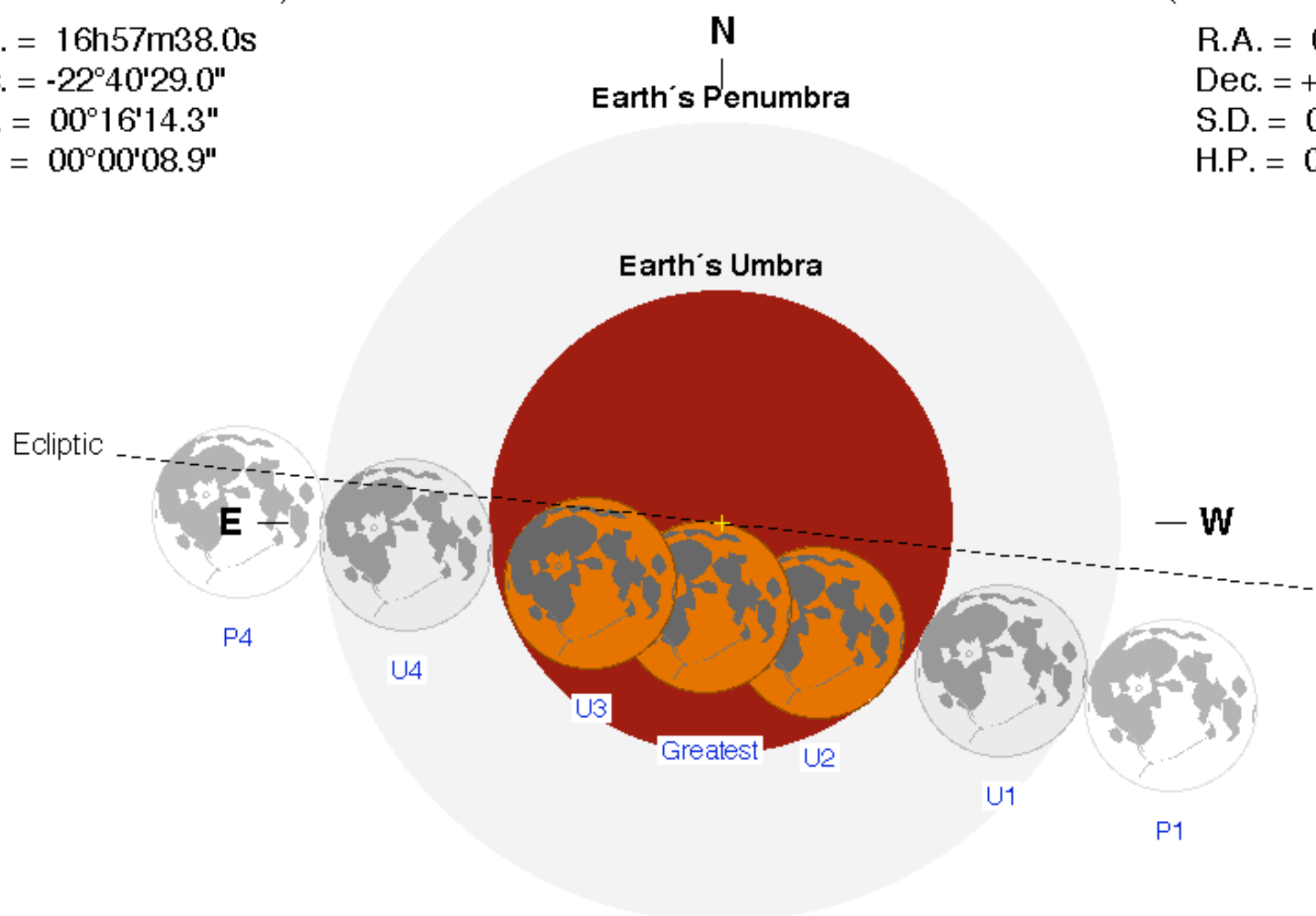
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 04h57m53.0s

Dec. = +22°23'58.5"

S.D. = 00°16'26.3"

H.P. = 01°00'19.7"



Eclipse Durations

Penumbral = 05h21m47s

Umbral = 03h25m34s

Total = 01h19m45s

$\Delta T = 24$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 14:53:54 UT

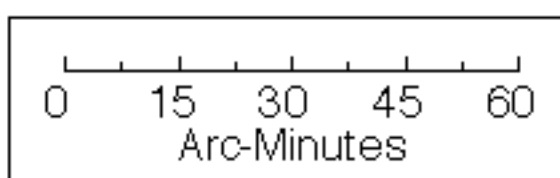
U1 = 15:51:58 UT

U2 = 16:54:53 UT

U3 = 18:14:38 UT

U4 = 19:17:32 UT

P4 = 20:15:41 UT



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

