

Partial Lunar Eclipse of 2095 Dec 11

Ecliptic Conjunction = 06:24:07.2 TD (= 06:20:54.2 UT)

Greatest Eclipse = 06:15:01.9 TD (= 06:11:48.9 UT)

Penumbral Magnitude = 1.2510

P. Radius = 1.2820°

Gamma = 0.8742

Umbral Magnitude = 0.2565

U. Radius = 0.7407°

Axis = 0.8732°

Saros Series = 146

Member = 15 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 17h14m07.9s

Dec. = -23°00'32.2"

S.D. = 00°16'14.4"

H.P. = 00°00'08.9"

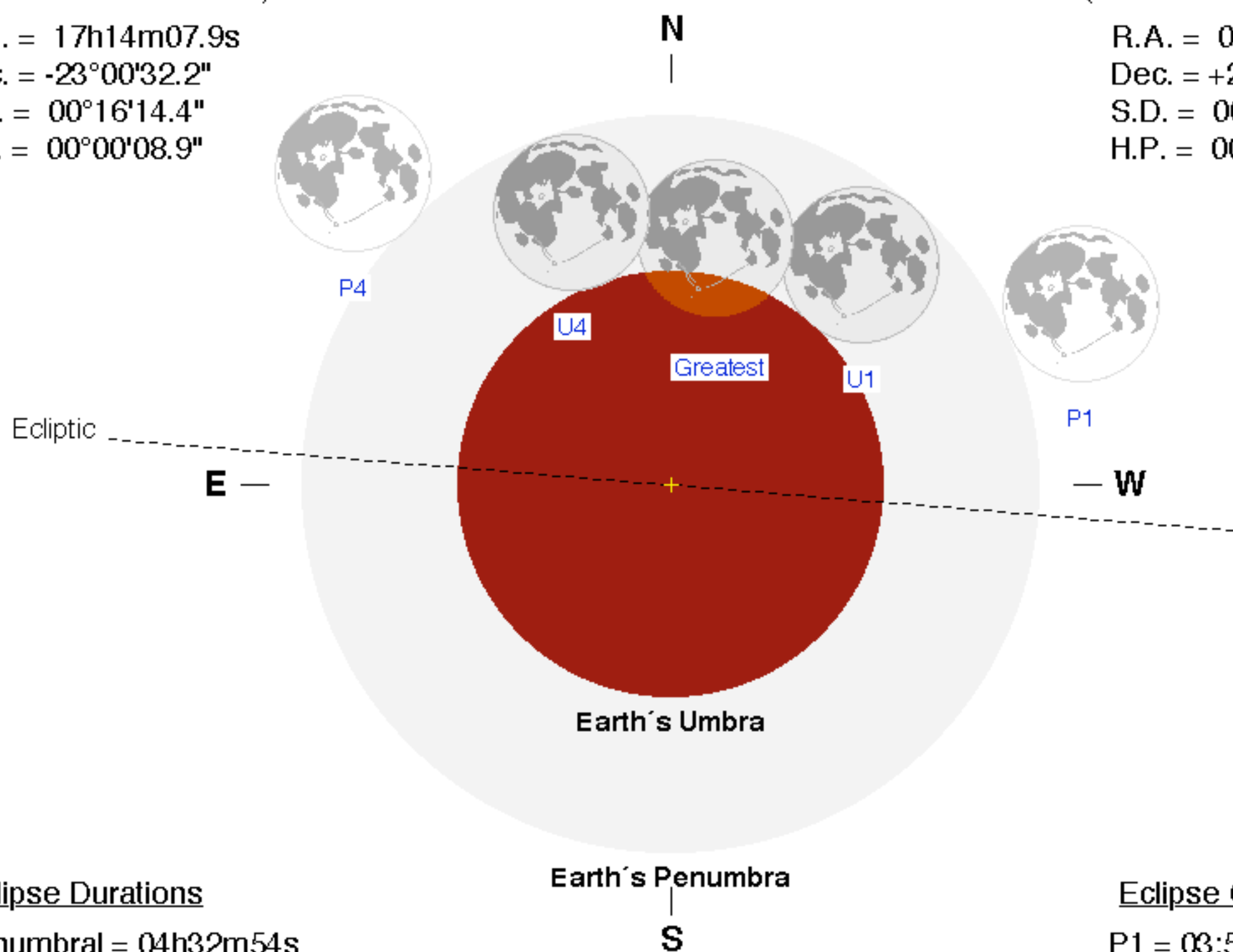
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 05h13m27.5s

Dec. = +23°52'06.7"

S.D. = 00°16'19.8"

H.P. = 00°59'56.1"



Eclipse Durations

Penumbral = 04h32m54s

Umbral = 01h48m56s

Eclipse Contacts

P1 = 03:55:22 UT

U1 = 05:17:17 UT

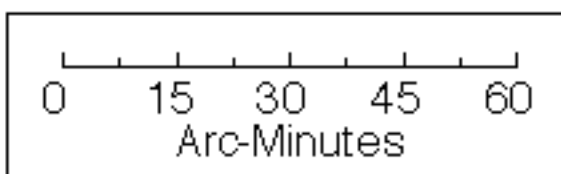
U4 = 07:06:13 UT

P4 = 08:28:15 UT

$\Delta T = 193$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85



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

