

Partial Lunar Eclipse of 1905 Aug 15

Ecliptic Conjunction = 03:31:24.1 TD (= 03:31:19.5 UT)

Greatest Eclipse = 03:40:59.2 TD (= 03:40:54.6 UT)

Penumbral Magnitude = 1.3259

P. Radius = 1.2050°

Gamma = 0.8456

Umbral Magnitude = 0.2871

U. Radius = 0.6785°

Axis = 0.7864°

Saros Series = 117

Member = 46 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 09h36m01.0s

Dec. = +14°18'06.9"

S.D. = 00°15'47.7"

H.P. = 00°00'08.7"

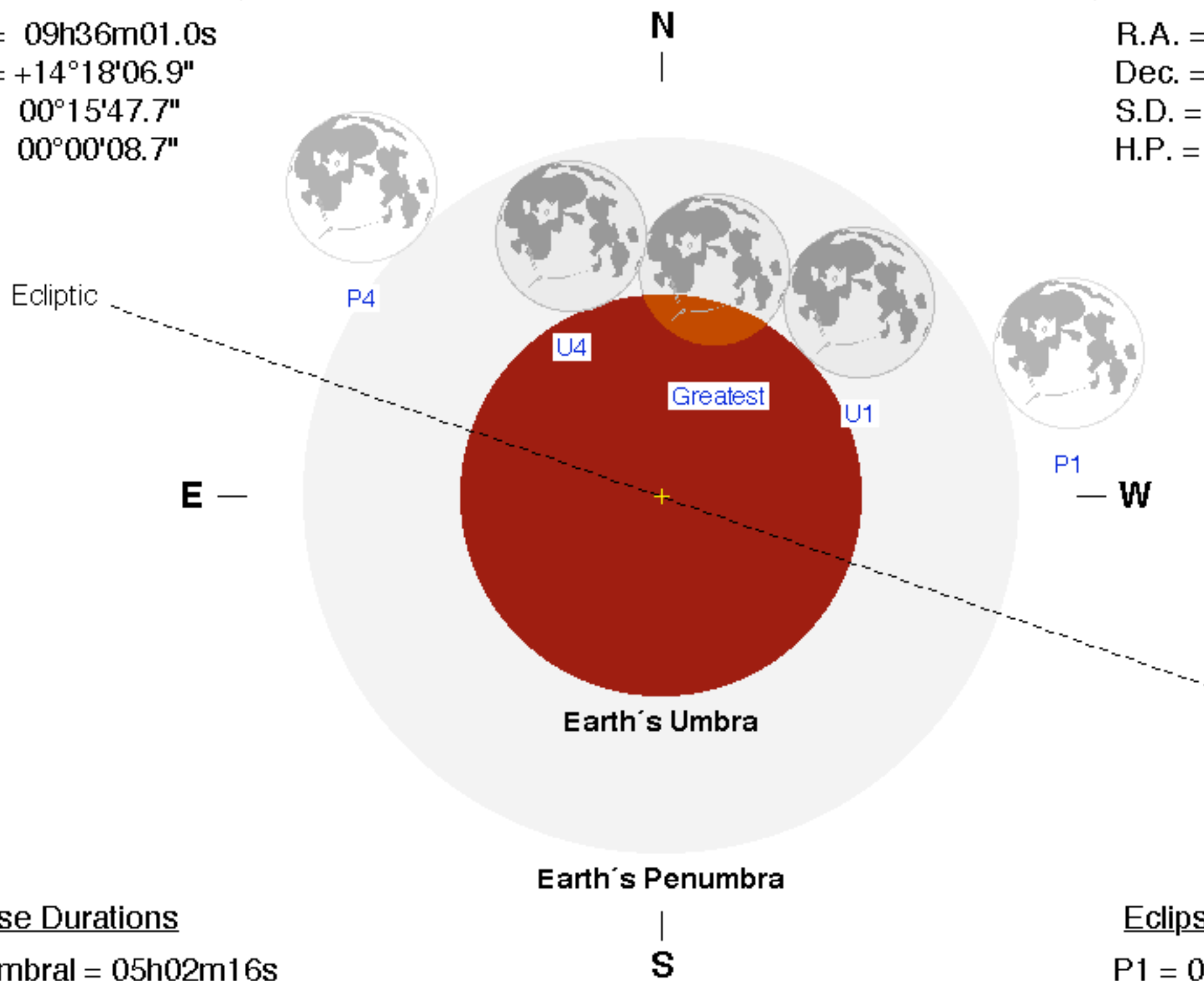
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 21h35m16.9s

Dec. = -13°32'09.5"

S.D. = 00°15'12.3"

H.P. = 00°55'48.1"



Eclipse Durations

Penumbral = 05h02m16s

Umbral = 02h03m04s

$\Delta T = 5$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

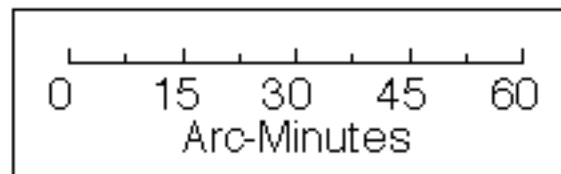
Eclipse Contacts

P1 = 01:09:47 UT

U1 = 02:39:18 UT

U4 = 04:42:22 UT

P4 = 06:12:02 UT



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

