

Total Lunar Eclipse of 1924 Aug 14

Ecliptic Conjunction = 20:19:15.2 TD (= 20:18:51.5 UT)

Greatest Eclipse = 20:20:30.2 TD (= 20:20:06.5 UT)

Penumbral Magnitude = 2.6326

P. Radius = 1.2606°

Gamma = 0.1175

Umbral Magnitude = 1.6519

U. Radius = 0.7341°

Axis = 0.1157°

Saros Series = 127

Member = 37 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 09h36m23.1s

Dec. = +14°16'12.1"

S.D. = 00°15'47.6"

H.P. = 00°00'08.7"

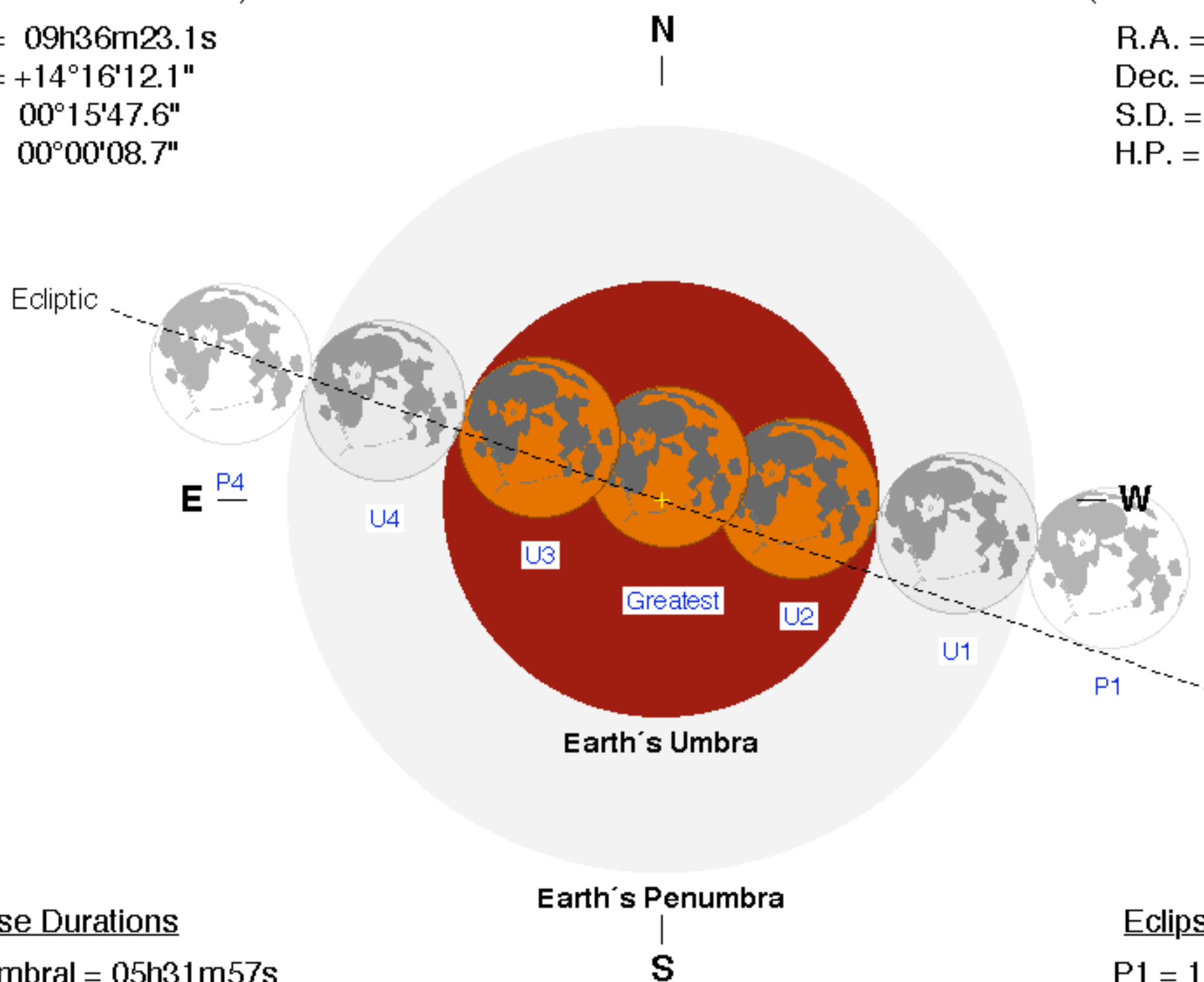
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 21h36m16.6s

Dec. = -14°09'26.4"

S.D. = 00°16'06.3"

H.P. = 00°59'06.2"



Eclipse Durations

Penumbral = 05h31m57s

Umbral = 03h36m51s

Total = 01h38m14s

$\Delta T = 24$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 17:34:11 UT

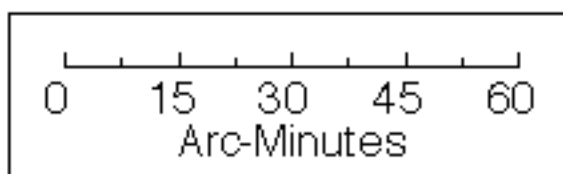
U1 = 18:31:40 UT

U2 = 19:30:59 UT

U3 = 21:09:13 UT

U4 = 22:08:31 UT

P4 = 23:06:08 UT



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

