Total Lunar Eclipse of 2043 Mar 25

Ecliptic Conjunction = 14:27:31.0 TD (= 14:26:03.8 UT)
Greatest Eclipse = 14:32:03.5 TD (= 14:30:36.3 UT)

Penumbral Magnitude = 2.1900 P. Radius = 1.1908° Gamma = 0.3849
Umbral Magnitude = 1.1142 U. Radius = 0.6562° Axis = 0.3510°

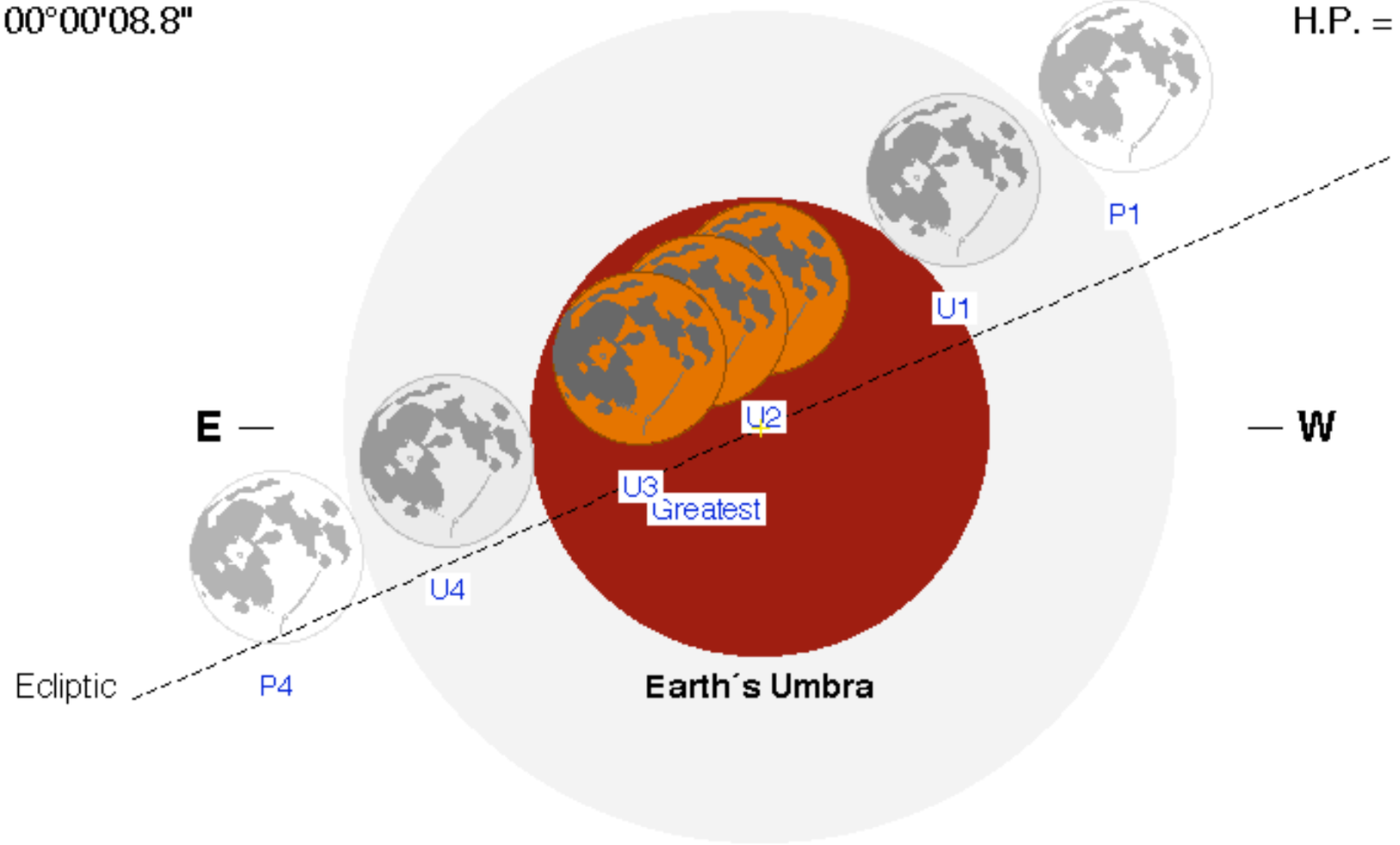
Saros Series = 123 Member = 54 of 73

<u>Sun at Greatest Eclipse</u>
(Geocentric Coordinates)

R.A. = 00h17m45.9s
Dec. = +01°55'21.6"
S.D. = 00°16'02.4"
H.P. = 00°00'08.8"

<u>Moon at Greatest Eclipse</u>
(Geocentric Coordinates)

R.A. = 12h18m26.9s
Dec. = -01°36'57.7"
S.D. = 00°14'54.5"
H.P. = 00°54'42.9"



<u>Eclipse Durations</u>

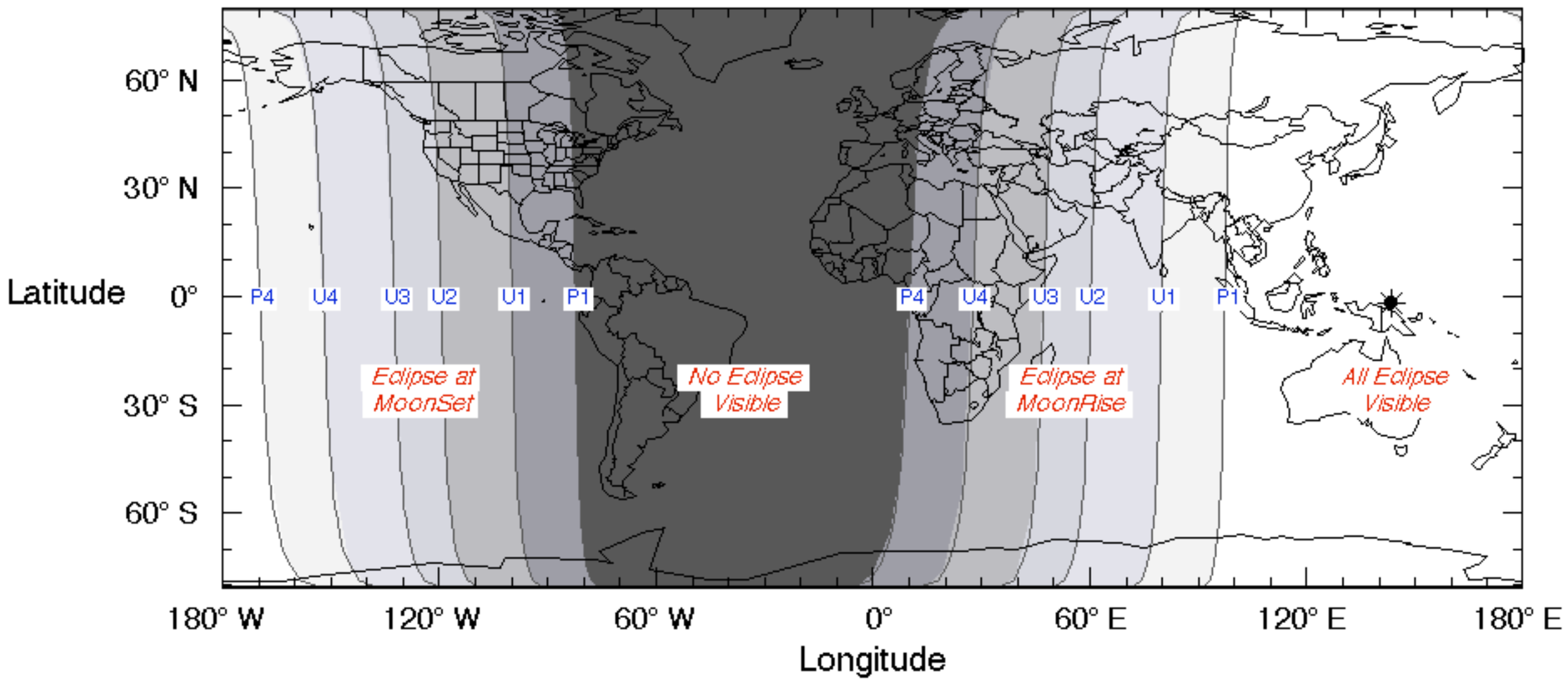
Penumbral = 05h59m16s
Umbral = 03h34m37s
Total = 00h53m24s

ΔT = 87 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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

<u>Eclipse Contacts</u>

P1 = 11:30:59 UT
U1 = 12:43:16 UT
U2 = 14:03:53 UT
U3 = 14:57:17 UT
U4 = 16:17:53 UT
P4 = 17:30:15 UT



2009 Apr 29