Total Lunar Eclipse of 1913 Sep 15

Ecliptic Conjunction = 12:45:46.9 TD (= 12:45:31.5 UT)
Greatest Eclipse = 12:48:19.1 TD (= 12:48:03.6 UT)

Penumbral Magnitude = 2.5122 P. Radius = 1.1761° Gamma = -0.2109
Umbral Magnitude = 1.4304 U. Radius = 0.6458° Axis = 0.1897°

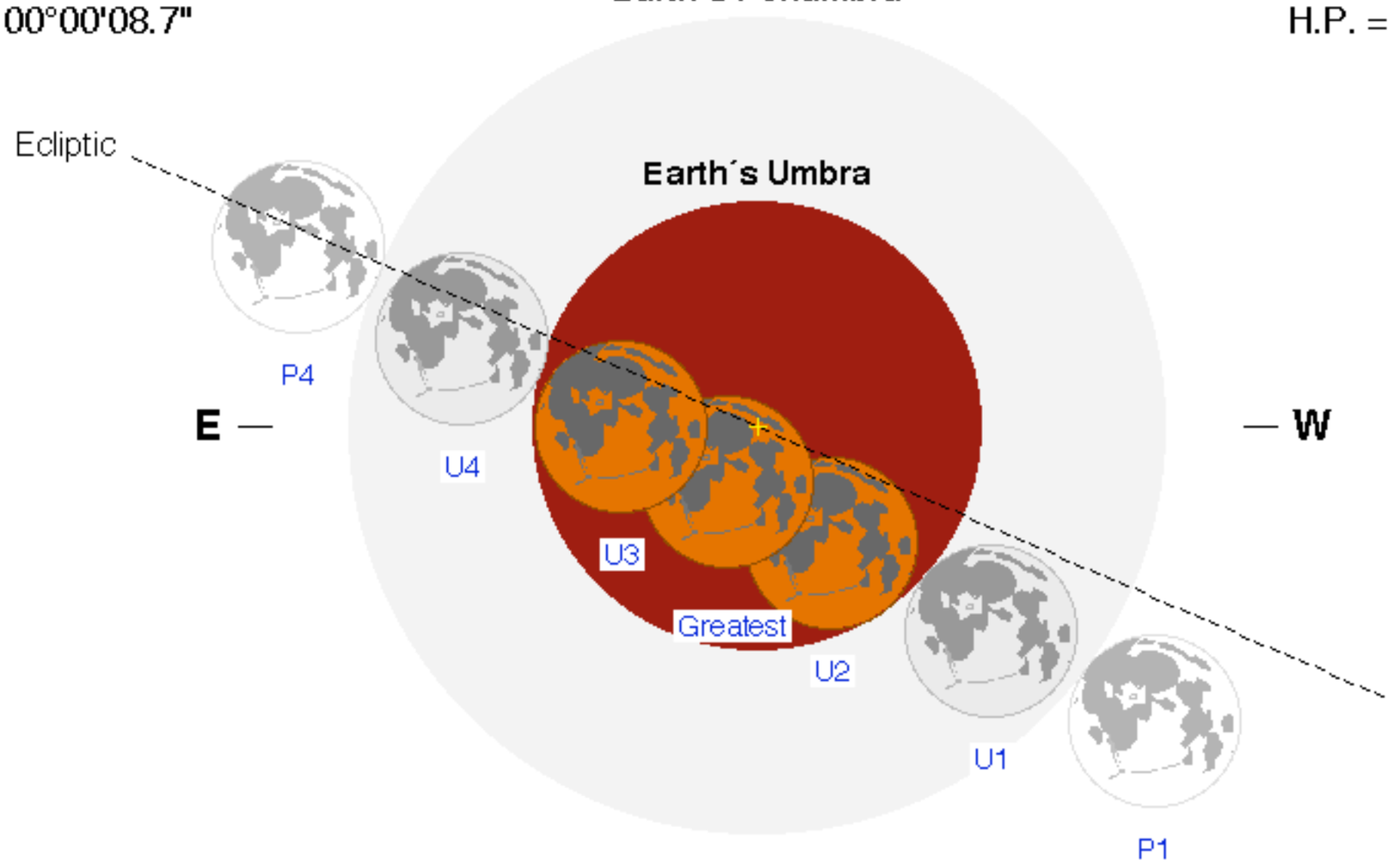
Saros Series = 126 Member = 40 of 72

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

R.A. = 11h30m49.6s
Dec. = +03°09'08.3"
S.D. = 00°15'54.6"
H.P. = 00°00'08.7"

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

R.A. = 23h31m11.7s
Dec. = -03°19'05.5"
S.D. = 00°14'42.3"
H.P. = 00°53'58.2"



<u>Eclipse Durations</u>

Penumbral = 06h13m01s
Umbral = 03h50m33s
Total = 01h33m29s

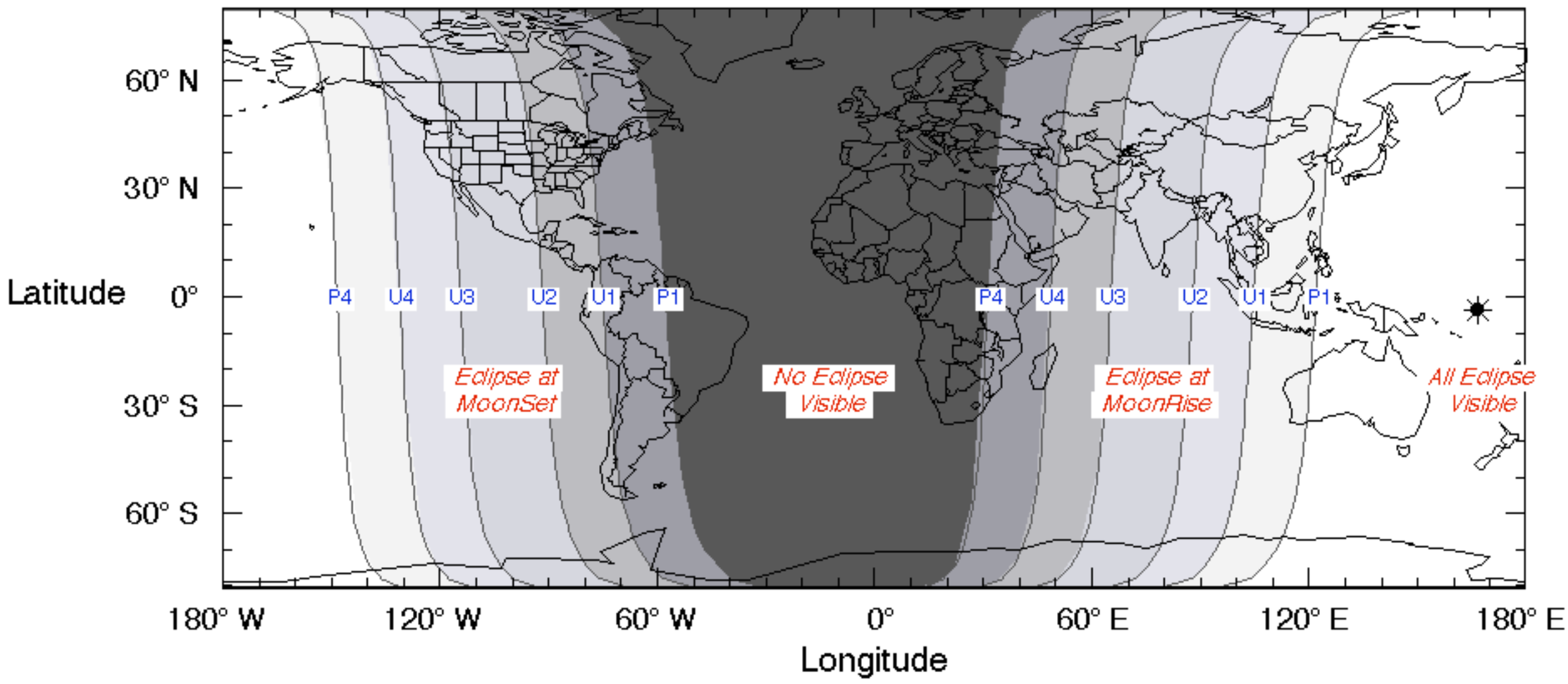
ΔT = 15 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

0 15 30 45 60
Arc-Minutes

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

<u>Eclipse Contacts</u>

P1 = 09:41:33 UT
U1 = 10:52:47 UT
U2 = 12:01:19 UT
U3 = 13:34:48 UT
U4 = 14:43:20 UT
P4 = 15:54:34 UT



2009 Apr 29