Penumbral Lunar Eclipse of 1911 Nov 06

Ecliptic Conjunction = 15:48:07.9 TD (= 15:47:55.0 UT)
Greatest Eclipse = 15:36:45.0 TD (= 15:36:32.1 UT)

Penumbral Magnitude = 0.8154 P. Radius = 1.2799° Gamma = 1.1100
Umbral Magnitude = -0.1733 U. Radius = 0.7420° Axis = 1.1083°

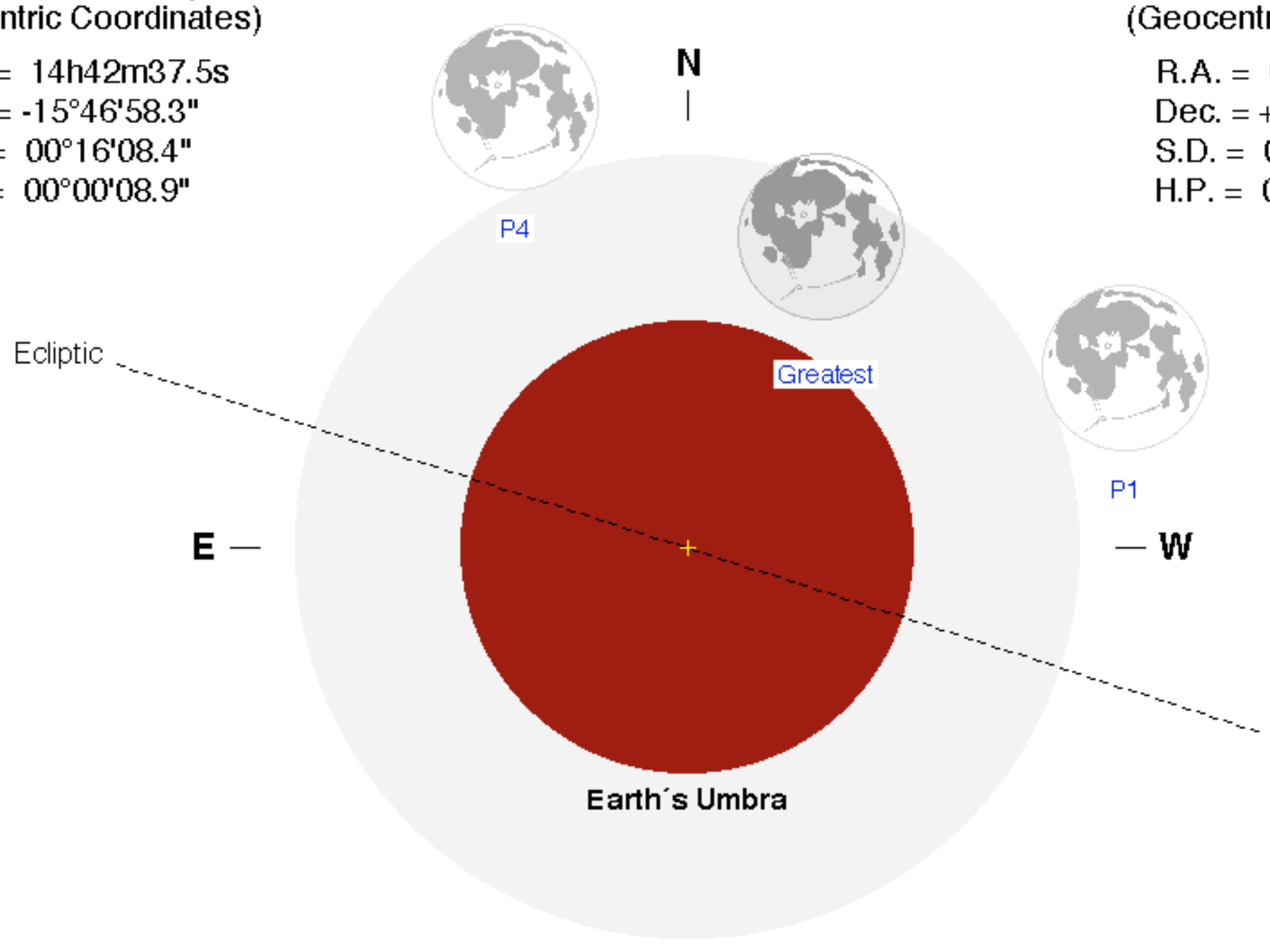
Saros Series = 144 Member = 10 of 71

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

R.A. = 14h42m37.5s
Dec. = -15°46'58.3"
S.D. = 00°16'08.4"
H.P. = 00°00'08.9"

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

R.A. = 02h40m48.5s
Dec. = +16°48'06.9"
S.D. = 00°16'19.4"
H.P. = 00°59'54.6"



<u>Eclipse Durations</u>

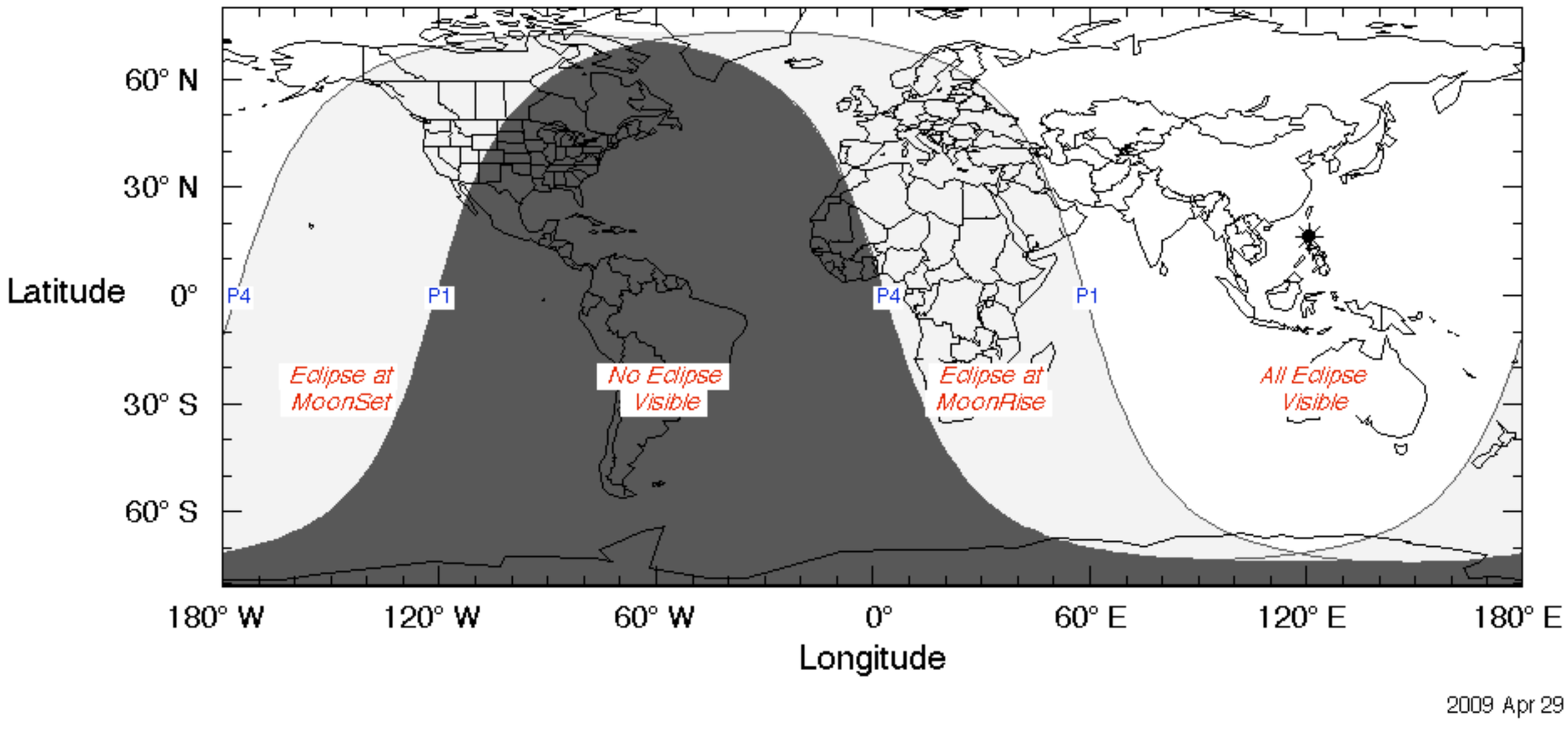
Penumbral = 03h50m37s

<u>Eclipse Contacts</u>

P1 = 13:41:17 UT
P4 = 17:31:55 UT

ΔT = 13 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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



2009 Apr 29