Penumbral Lunar Eclipse of 1944 Feb 09

Ecliptic Conjunction = 05:29:55.6 TD (= 05:29:29.1 UT)
Greatest Eclipse = 05:14:56.6 TD (= 05:14:30.1 UT)

Penumbral Magnitude = 0.5792 P. Radius = 1.1819° Gamma = 1.2698
Umbral Magnitude = -0.5223 U. Radius = 0.6415° Axis = 1.1430°

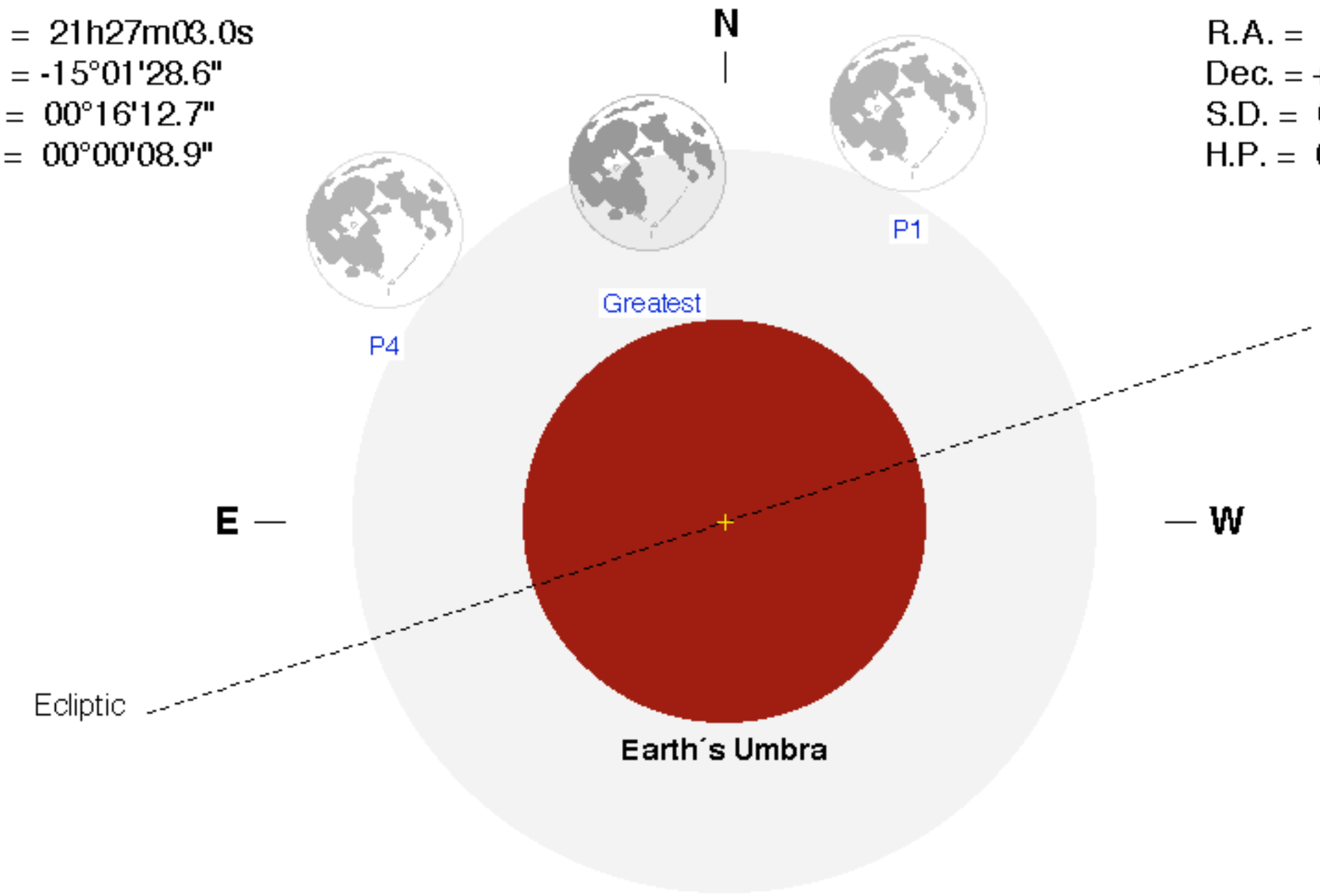
Saros Series = 142 Member = 14 of 74

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

R.A. = 21h27m03.0s
Dec. = -15°01'28.6"
S.D. = 00°16'12.7"
H.P. = 00°00'08.9"

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

R.A. = 09h28m05.2s
Dec. = +16°08'24.6"
S.D. = 00°14'43.1"
H.P. = 00°54'00.8"



<u>Eclipse Durations</u>

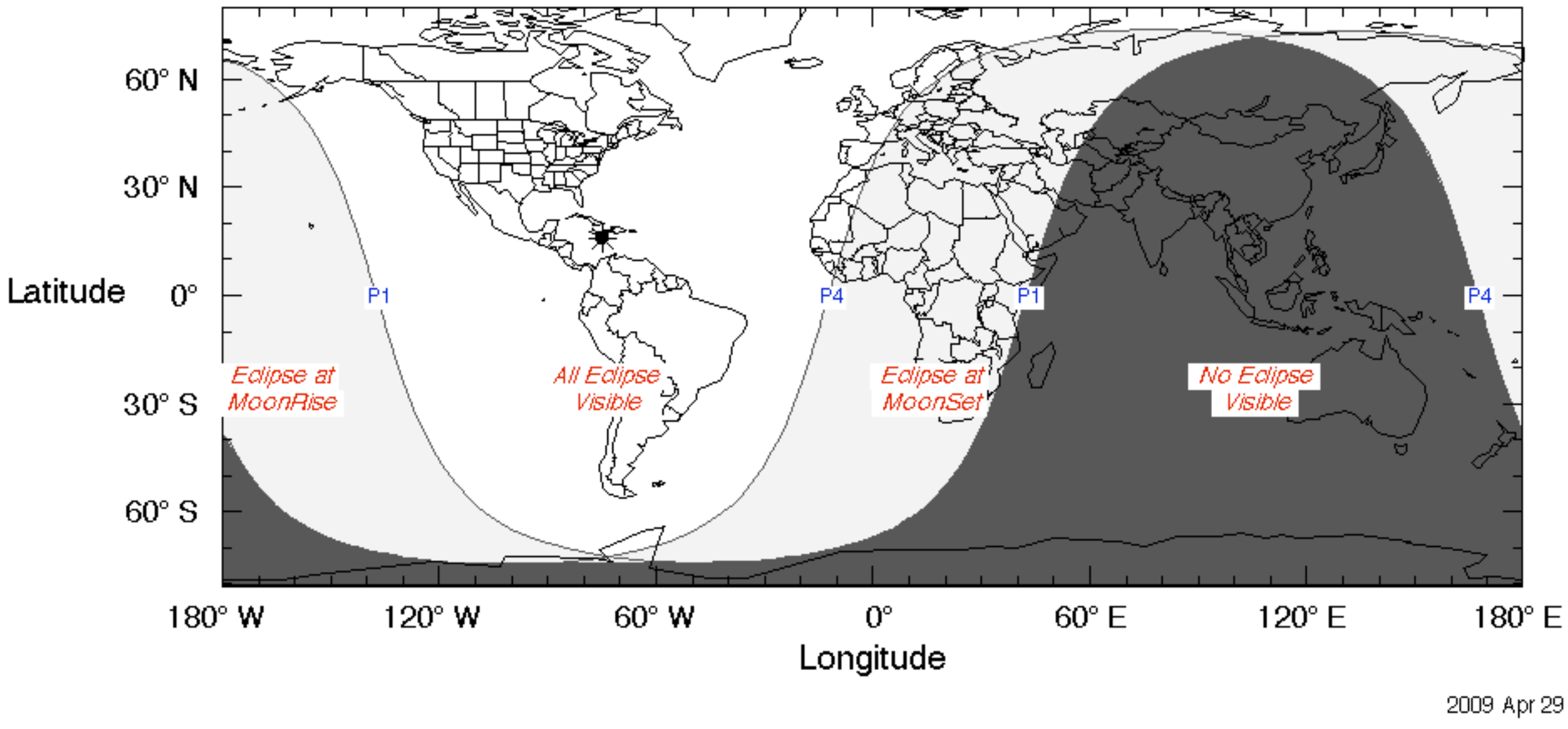
Penumbral = 03h46m39s

<u>Eclipse Contacts</u>

P1 = 03:21:09 UT
P4 = 07:07:48 UT

ΔT = 26 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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



2009 Apr 29