Partial Lunar Eclipse of 1952 Aug 05

Ecliptic Conjunction = 19:40:29.4 TD (= 19:39:59.3 UT)
Greatest Eclipse = 19:47:54.8 TD (= 19:47:24.7 UT)

Penumbral Magnitude = 1.4741 P. Radius = 1.2990° Gamma = -0.7383
Umbral Magnitude = 0.5317 U. Radius = 0.7733° Axis = 0.7556°

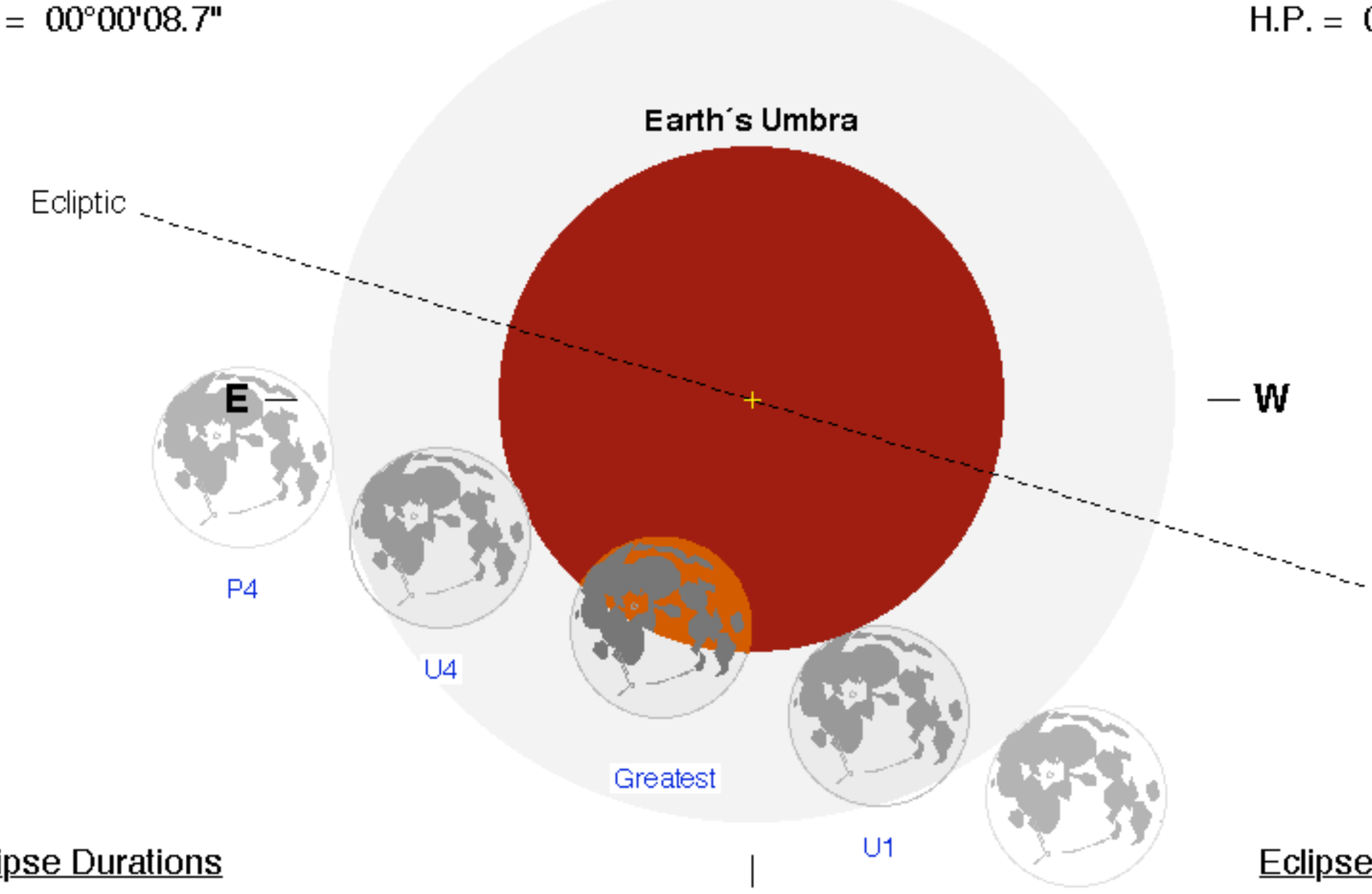
Saros Series = 118 Member = 48 of 74

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

R.A. = 09h03m03.0s
Dec. = +16°50'04.8"
S.D. = 00°15'46.2"
H.P. = 00°00'08.7"

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

R.A. = 21h04m14.7s
Dec. = -17°32'03.7"
S.D. = 00°16'44.0"
H.P. = 01°01'24.7"



<u>Eclipse Durations</u>

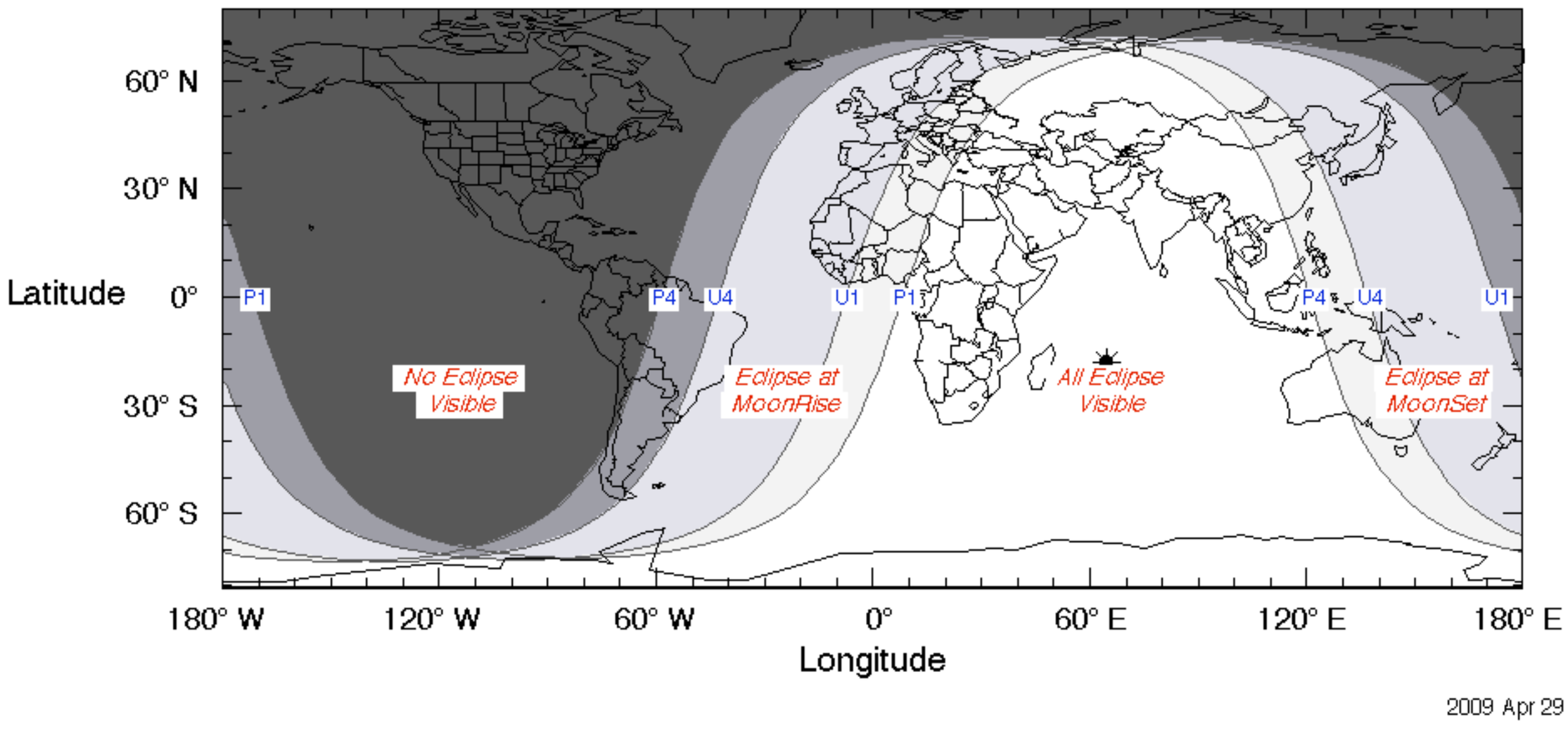
Penumbral = 04h38m22s
Umbral = 02h27m10s

<u>Eclipse Contacts</u>

P1 = 17:28:13 UT
U1 = 18:33:49 UT
U4 = 21:01:00 UT
P4 = 22:06:35 UT

ΔT = 30 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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



2009 Apr 29