Partial Lunar Eclipse of 2012 Jun 04

Ecliptic Conjunction = 11:12:40.4 TD (= 11:11:32.7 UT)
Greatest Eclipse = 11:04:20.1 TD (= 11:03:12.3 UT)

Penumbral Magnitude = 1.3183 P. Radius = 1.2926° Gamma = 0.8247
Umbral Magnitude = 0.3704 U. Radius = 0.7671° Axis = 0.8390°

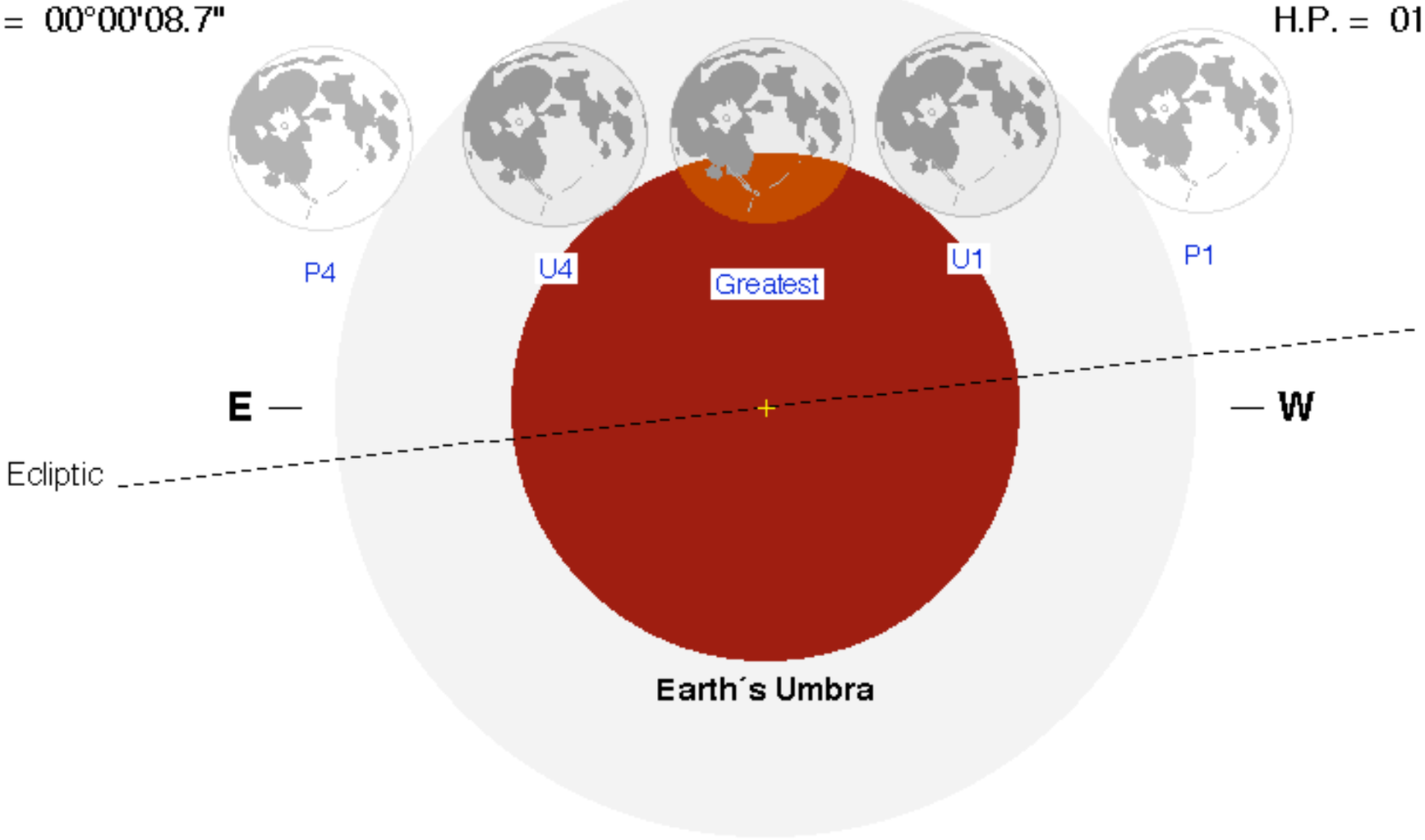
Saros Series = 140 Member = 25 of 80

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

R.A. = 04h51m33.3s
Dec. = +22°30'16.0"
S.D. = 00°15'45.9"
H.P. = 00°00'08.7"

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

R.A. = 16h51m37.6s
Dec. = -21°39'56.3"
S.D. = 00°16'37.9"
H.P. = 01°01'02.2"



<u>Eclipse Durations</u>

Penumbral = 04h30m02s
Umbral = 02h06m35s

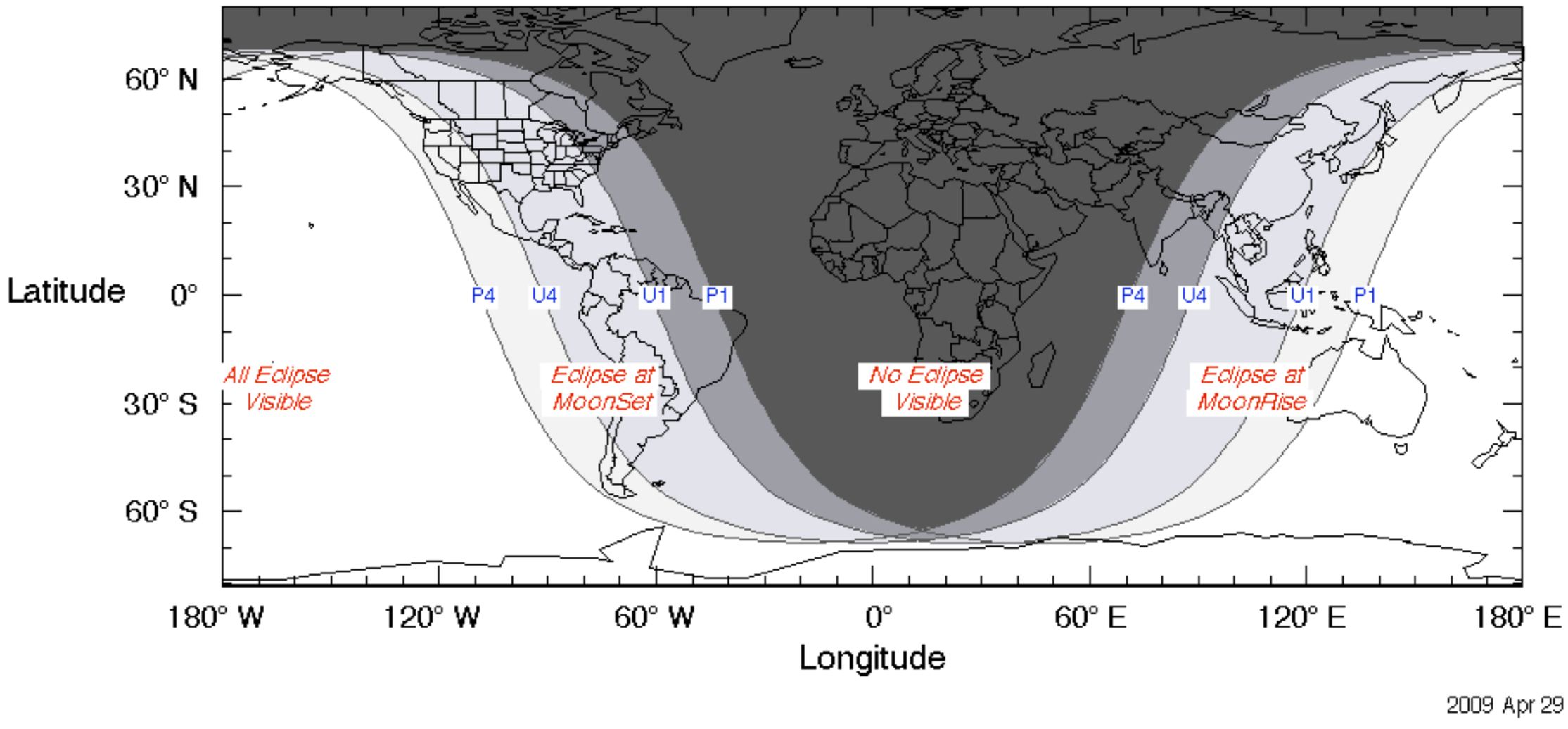
<u>Eclipse Contacts</u>

P1 = 08:48:11 UT
U1 = 09:59:53 UT
U4 = 12:06:28 UT
P4 = 13:18:13 UT

ΔT = 68 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



2009 Apr 29