Total Lunar Eclipse of 2050 May 06

Ecliptic Conjunction = 22:27:19.9 TD (= 22:25:46.3 UT)
Greatest Eclipse = 22:32:01.6 TD (= 22:30:28.0 UT)

Penumbral Magnitude = 2.1052 P. Radius = 1.2190° Gamma = -0.4181
Umbral Magnitude = 1.0767 U. Radius = 0.6905° Axis = 0.3942°

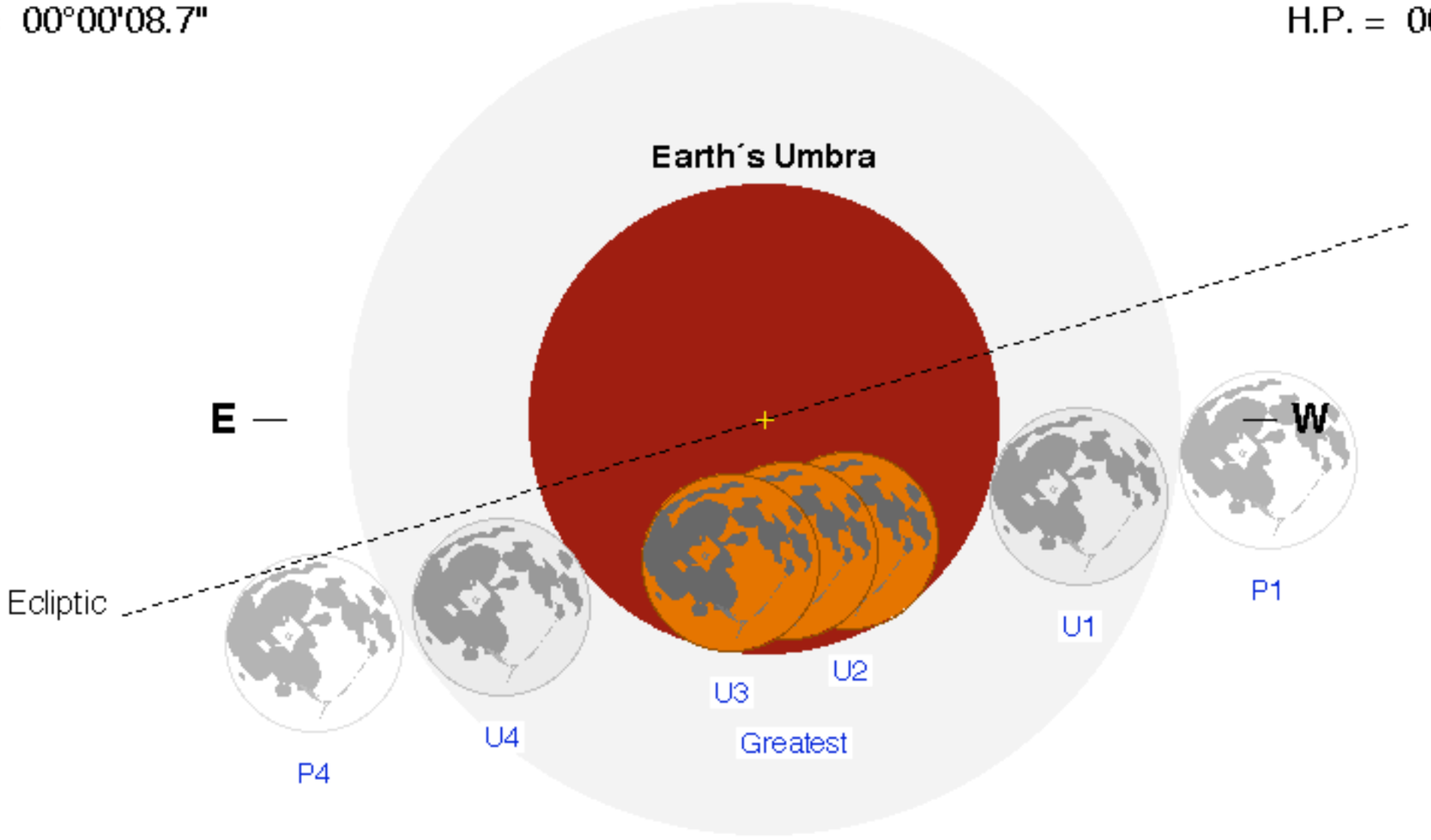
Saros Series = 122 Member = 58 of 75

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

R.A. = 02h56m30.8s
Dec. = +16°47'28.6"
S.D. = 00°15'51.3"
H.P. = 00°00'08.7"

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

R.A. = 14h56m12.1s
Dec. = -17°10'42.0"
S.D. = 00°15'24.9"
H.P. = 00°56'34.4"



<u>Eclipse Durations</u>

Penumbral = 05h40m01s
Umbral = 03h25m59s
Total = 00h43m11s

ΔT = 94 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

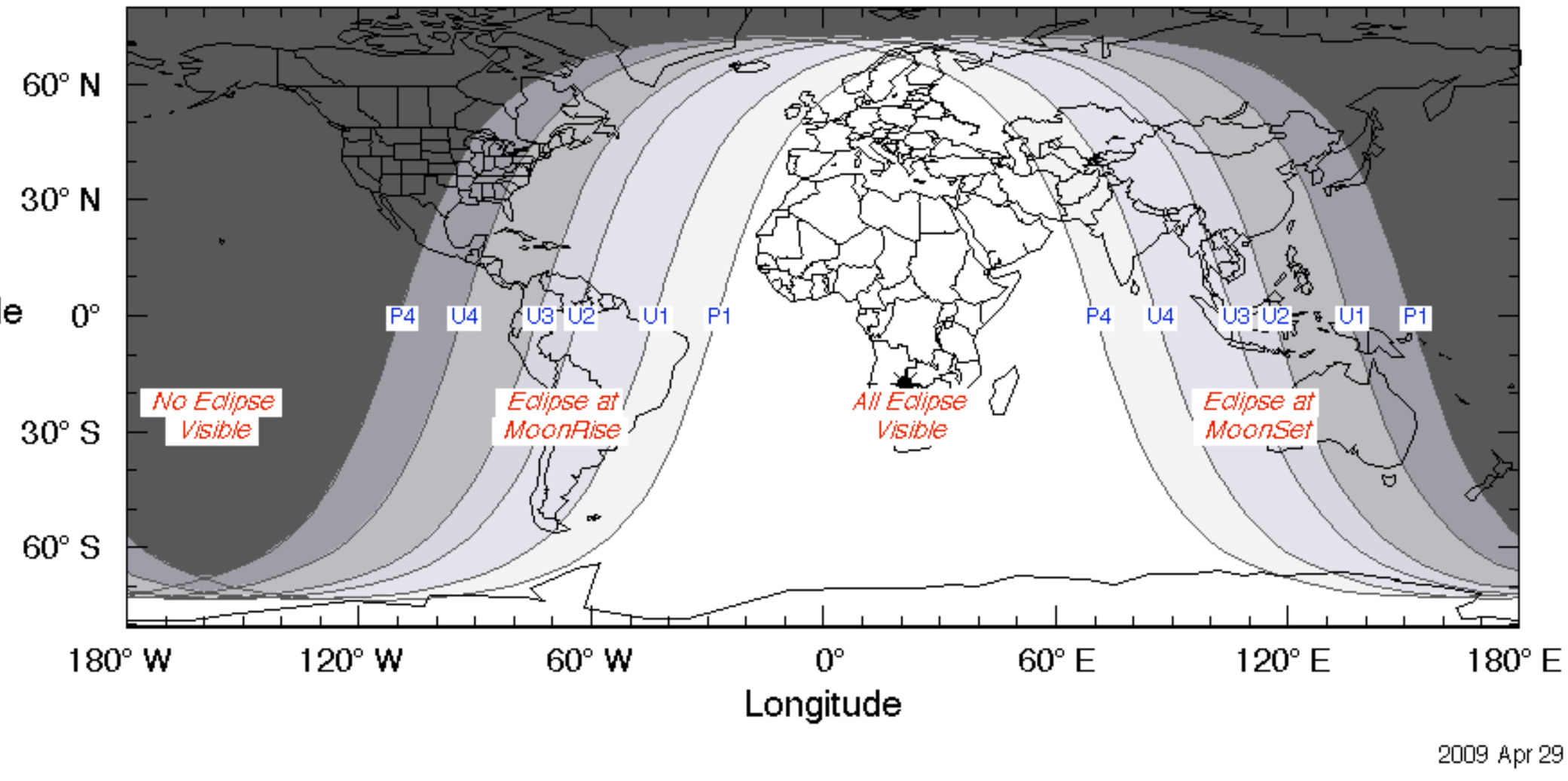
S

0 15 30 45 60
Arc-Minutes

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

<u>Eclipse Contacts</u>

P1 = 19:40:25 UT
U1 = 20:47:31 UT
U2 = 22:08:54 UT
U3 = 22:52:05 UT
U4 = 00:13:30 UT
P4 = 01:20:27 UT



2009 Apr 29