Partial Lunar Eclipse of 1912 Apr 01

Ecliptic Conjunction = 22:04:32.1 TD (= 22:04:18.6 UT)
Greatest Eclipse = 22:14:15.6 TD (= 22:14:02.2 UT)

Penumbral Magnitude = 1.1884 P. Radius = 1.2511° Gamma = 0.9116
Umbral Magnitude = 0.1820 U. Radius = 0.7179° Axis = 0.8863°

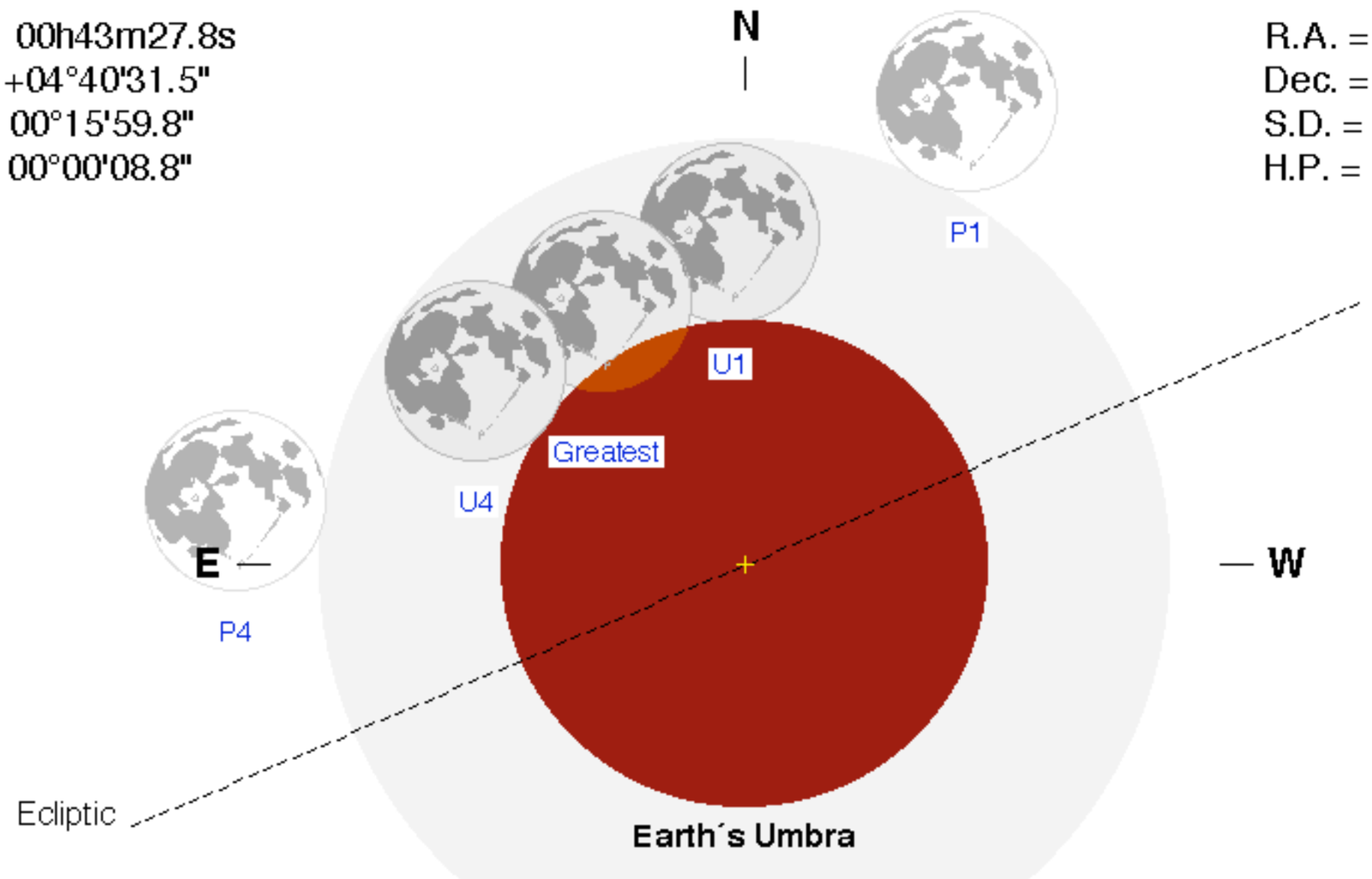
Saros Series = 111 Member = 61 of 71

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

R.A. = 00h43m27.8s
Dec. = +04°40'31.5"
S.D. = 00°15'59.8"
H.P. = 00°00'08.8"

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

R.A. = 12h45m09.8s
Dec. = -03°53'49.4"
S.D. = 00°15'53.8"
H.P. = 00°58'20.3"



<u>Eclipse Durations</u>

Penumbral = 04h35m47s
Umbral = 01h35m13s

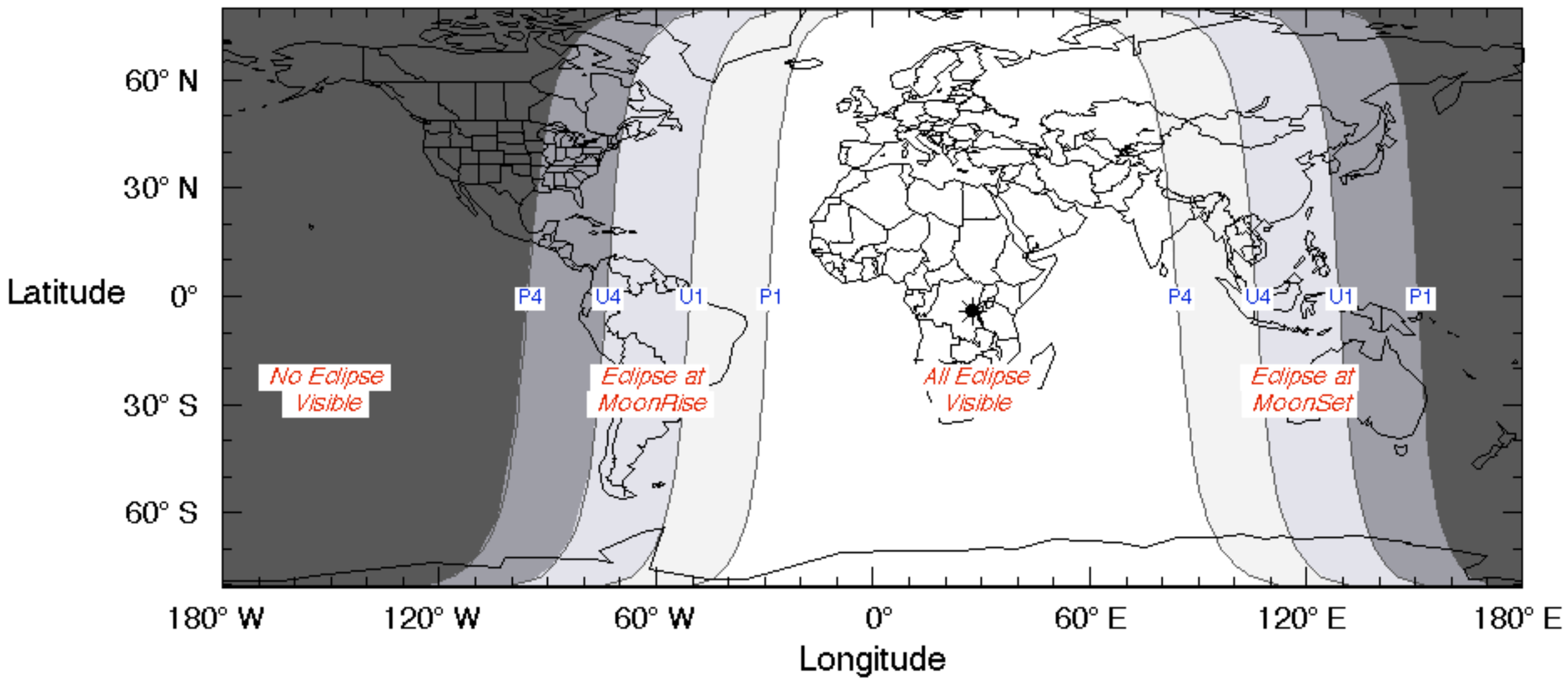
ΔT = 13 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

0 15 30 45 60
Arc-Minutes

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

<u>Eclipse Contacts</u>

P1 = 19:56:06 UT
U1 = 21:26:20 UT
U4 = 23:01:33 UT
P4 = 00:31:53 UT



2009 Apr 29