Partial Lunar Eclipse of 1958 May 03

Ecliptic Conjunction = 12:23:47.7 TD (= 12:23:15.3 UT)
Greatest Eclipse = 12:13:29.1 TD (= 12:12:56.7 UT)

Penumbral Magnitude = 0.9676 P. Radius = 1.2894° Gamma = 1.0188
Umbral Magnitude = 0.0092 U. Radius = 0.7606° Axis = 1.0314°

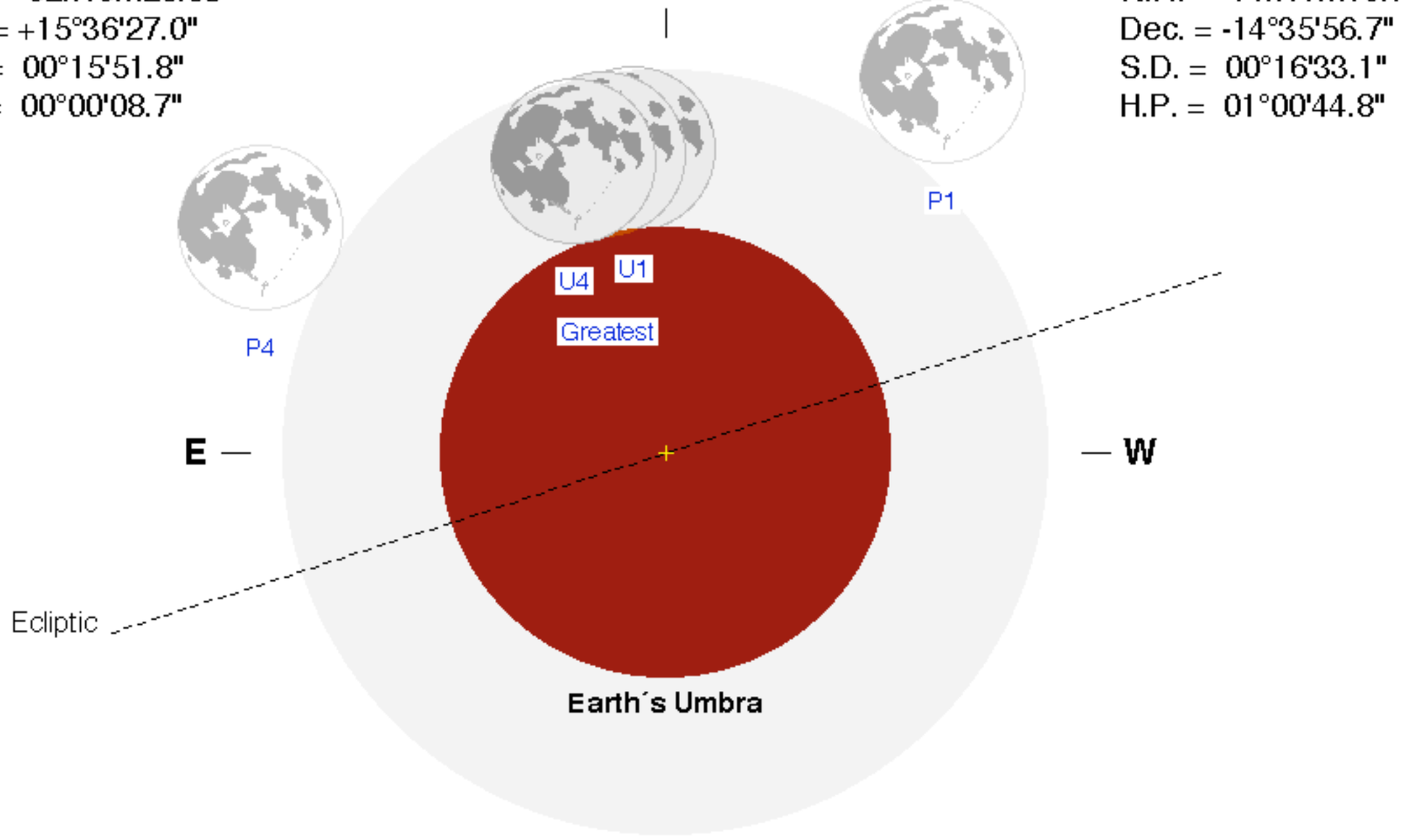
Saros Series = 140 Member = 22 of 80

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

R.A. = 02h40m25.8s
Dec. = +15°36'27.0"
S.D. = 00°15'51.8"
H.P. = 00°00'08.7"

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

R.A. = 14h41m19.7s
Dec. = -14°35'56.7"
S.D. = 00°16'33.1"
H.P. = 01°00'44.8"



<u>Eclipse Durations</u>

Penumbral = 04h02m13s
Umbral = 00h21m02s

ΔT = 32 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

Earth´s Penumbra

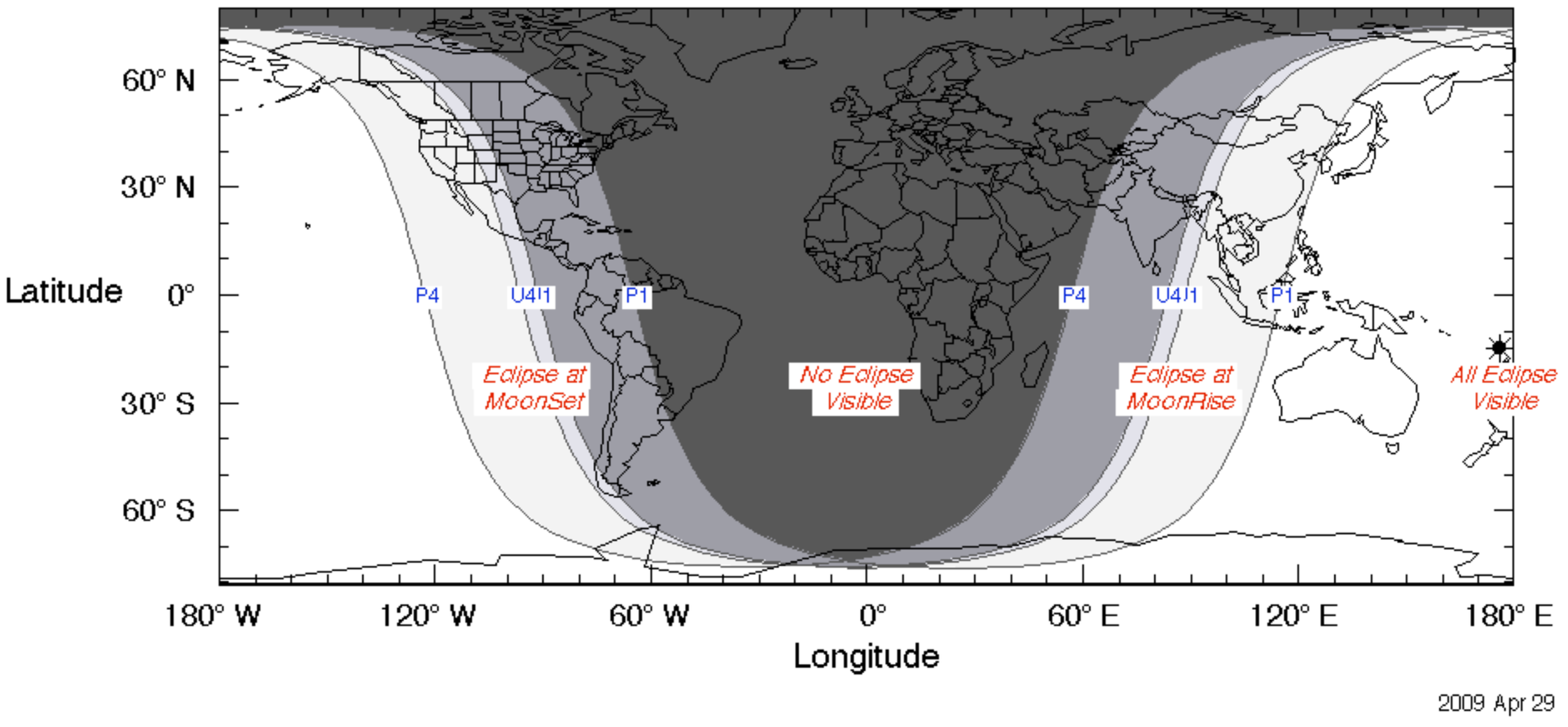
S

0 15 30 45 60
Arc-Minutes

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

<u>Eclipse Contacts</u>

P1 = 10:11:48 UT
U1 = 12:02:22 UT
U4 = 12:23:24 UT
P4 = 14:14:01 UT



2009 Apr 29