Penumbral Lunar Eclipse of 2067 Jun 27

Ecliptic Conjunction = 02:54:21.5 TD (= 02:52:12.1 UT)
Greatest Eclipse = 02:41:06.1 TD (= 02:38:56.7 UT)

Penumbral Magnitude = 0.3754 P. Radius = 1.2871° Gamma = 1.3394
Umbral Magnitude = -0.5753 U. Radius = 0.7627° Axis = 1.3559°

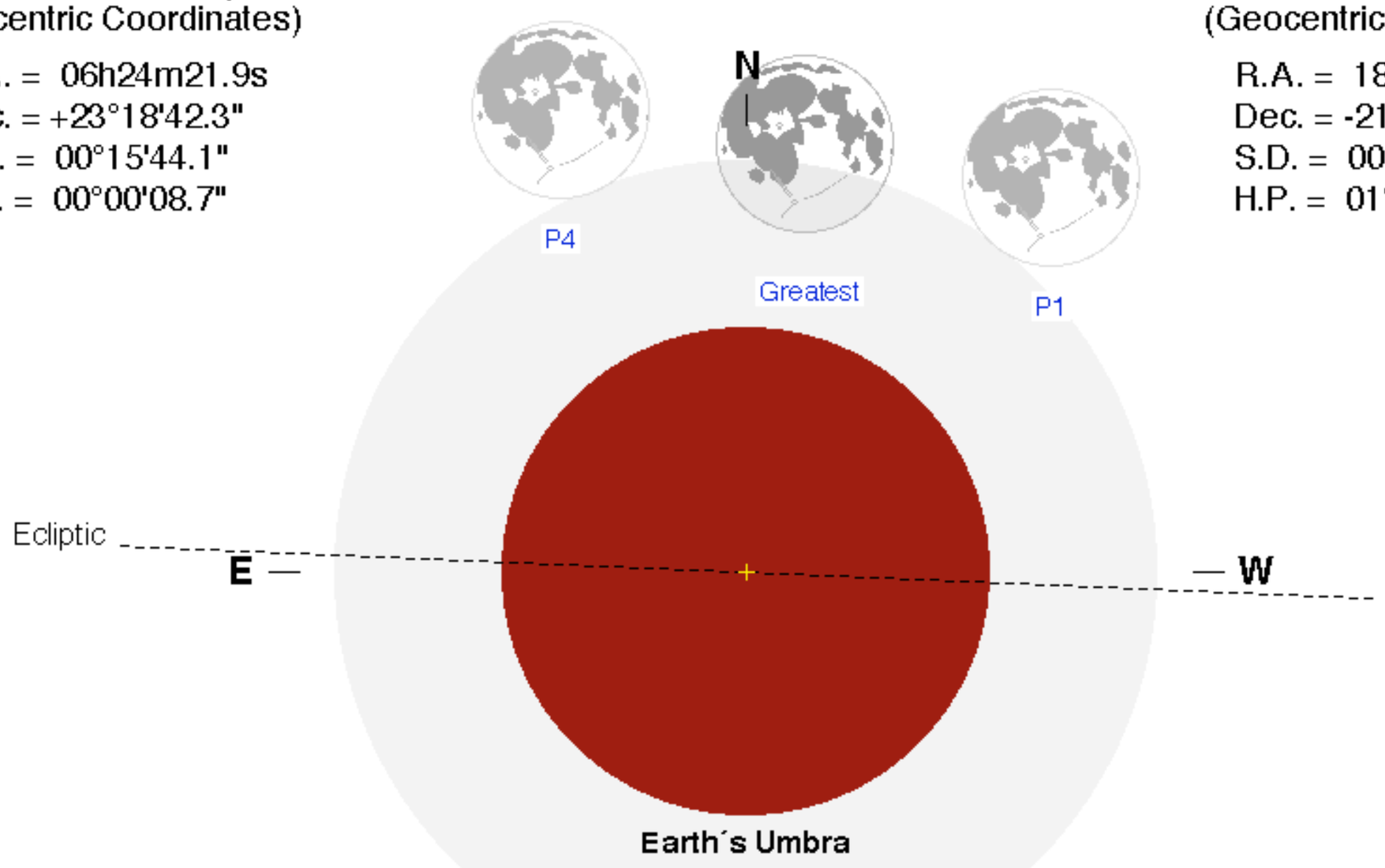
Saros Series = 150 Member = 4 of 71

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

R.A. = 06h24m21.9s
Dec. = +23°18'42.3"
S.D. = 00°15'44.1"
H.P. = 00°00'08.7"

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

R.A. = 18h23m34.0s
Dec. = -21°58'06.0"
S.D. = 00°16'33.1"
H.P. = 01°00'44.6"



<u>Eclipse Durations</u>

Penumbral = 02h39m50s

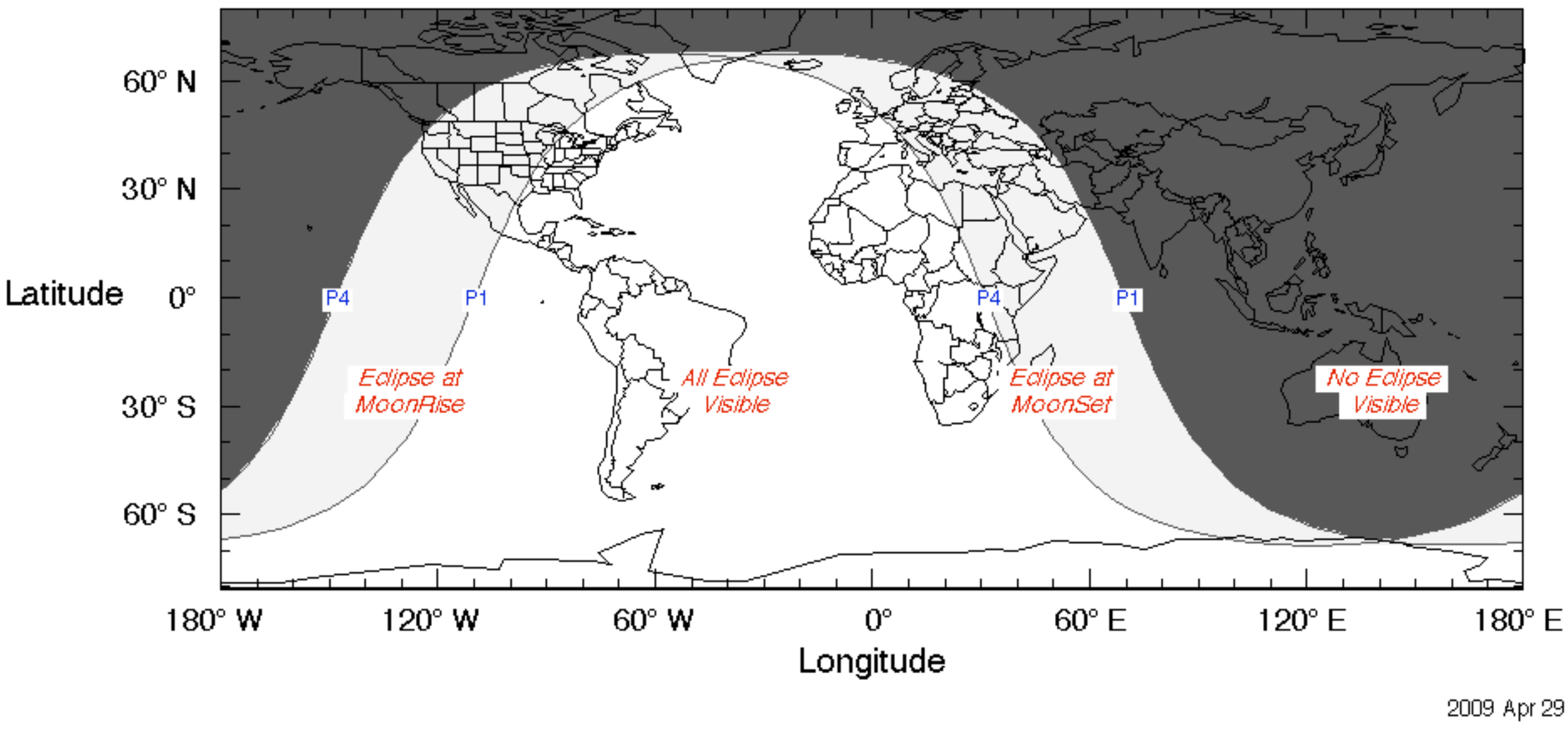
<u>Eclipse Contacts</u>

P1 = 01:19:06 UT
P4 = 03:58:56 UT

0 15 30 45 60
Arc-Minutes

ΔT = 129 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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



2009 Apr 29