Penumbral Lunar Eclipse of 1904 Mar 02

Ecliptic Conjunction = 02:48:17.7 TD (= 02:48:14.9 UT)
Greatest Eclipse = 03:02:34.0 TD (= 03:02:31.2 UT)

Penumbral Magnitude = 0.1748 P. Radius = 1.3034° Gamma = -1.4528
Umbral Magnitude = -0.7910 U. Radius = 0.7656° Axis = 1.4844°

Saros Series = 102 Member = 81 of 84

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

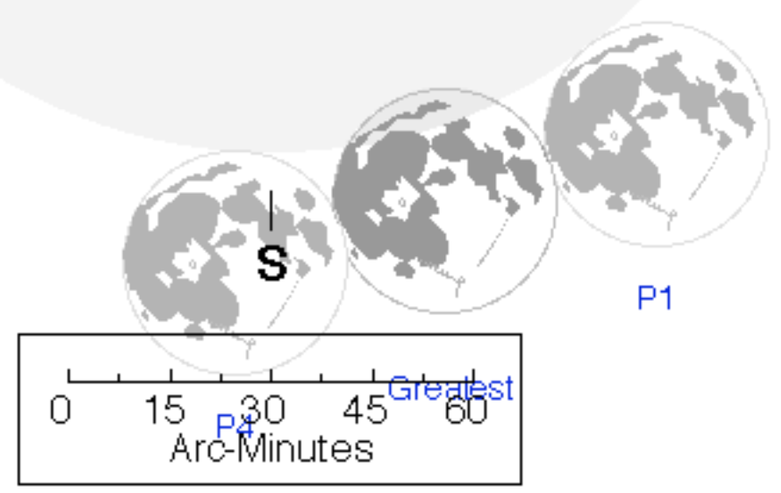
R.A. = 22h50m21.1s
Dec. = -07°23'44.9"
S.D. = 00°16'08.0"
H.P. = 00°00'08.9"

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

R.A. = 10h48m37.0s
Dec. = +05°58'30.3"
S.D. = 00°16'42.3"
H.P. = 01°01'18.4"

<u>Eclipse Durations</u>

Penumbral = 01h50m32s

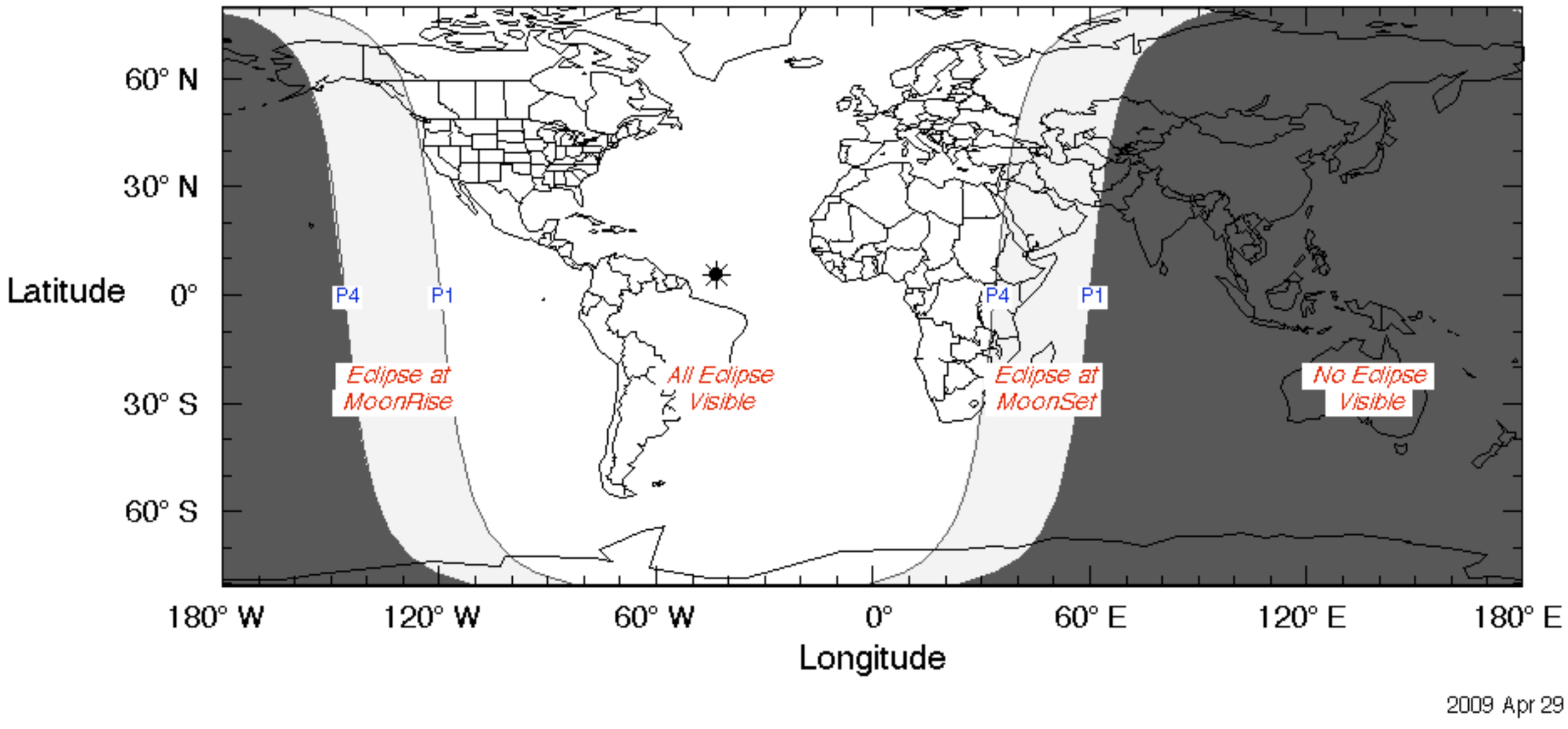


<u>Eclipse Contacts</u>

P1 = 02:07:13 UT
P4 = 03:57:45 UT

ΔT = 3 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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



2009 Apr 29