Penumbral Lunar Eclipse of 1962 Aug 15

Ecliptic Conjunction = 20:09:45.4 TD (= 20:09:11.1 UT)
Greatest Eclipse = 19:57:29.8 TD (= 19:56:55.5 UT)

Penumbral Magnitude = 0.5963 P. Radius = 1.2844° Gamma = -1.2210
Umbral Magnitude = -0.3616 U. Radius = 0.7579° Axis = 1.2314°

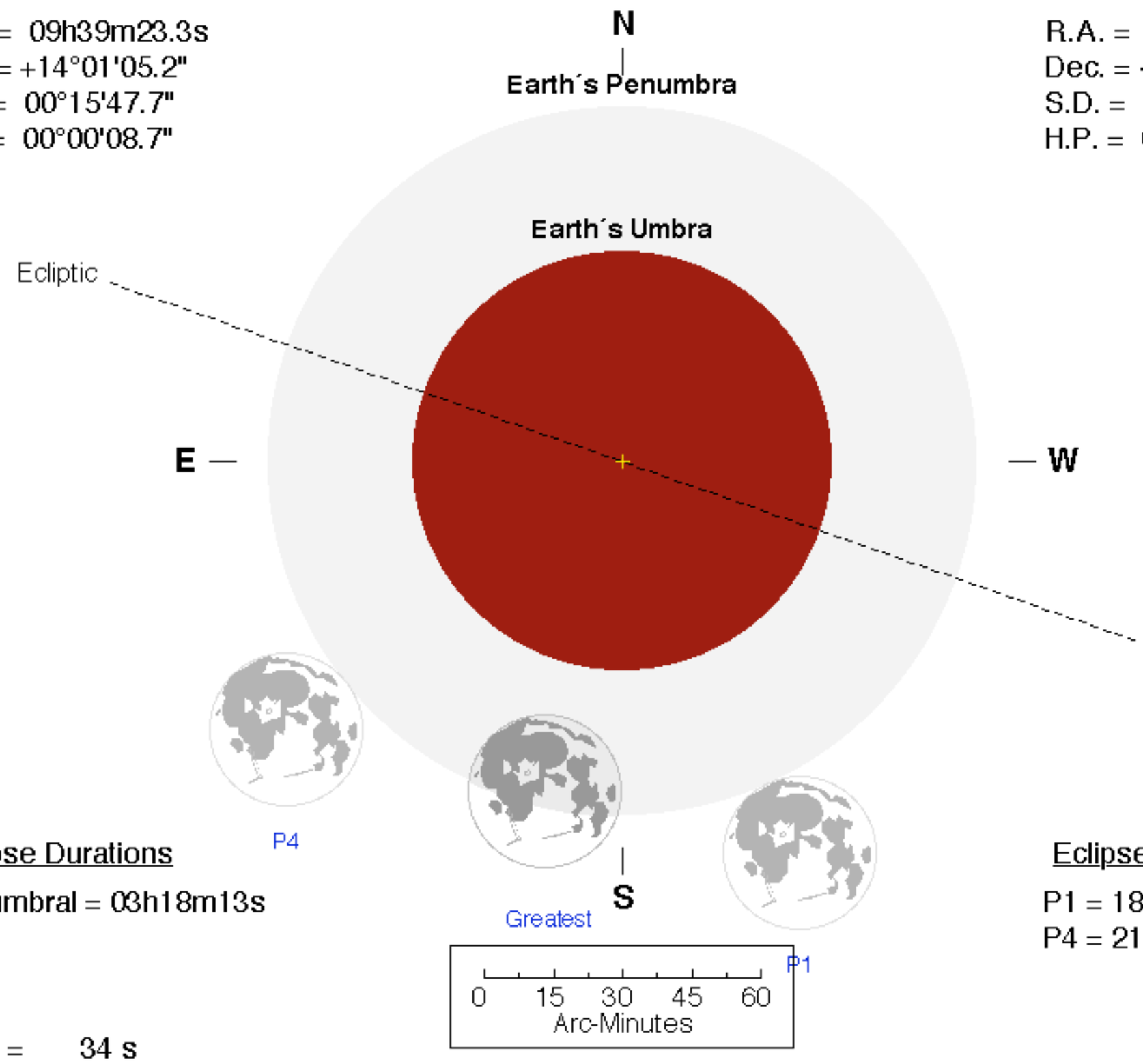
Saros Series = 147 Member = 6 of 71

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 09h39m23.3s
Dec. = +14°01'05.2"
S.D. = 00°15'47.7"
H.P. = 00°00'08.7"

Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 21h40m34.7s
Dec. = -15°12'55.6"
S.D. = 00°16'29.4"
H.P. = 01°00'31.0"



Eclipse Durations

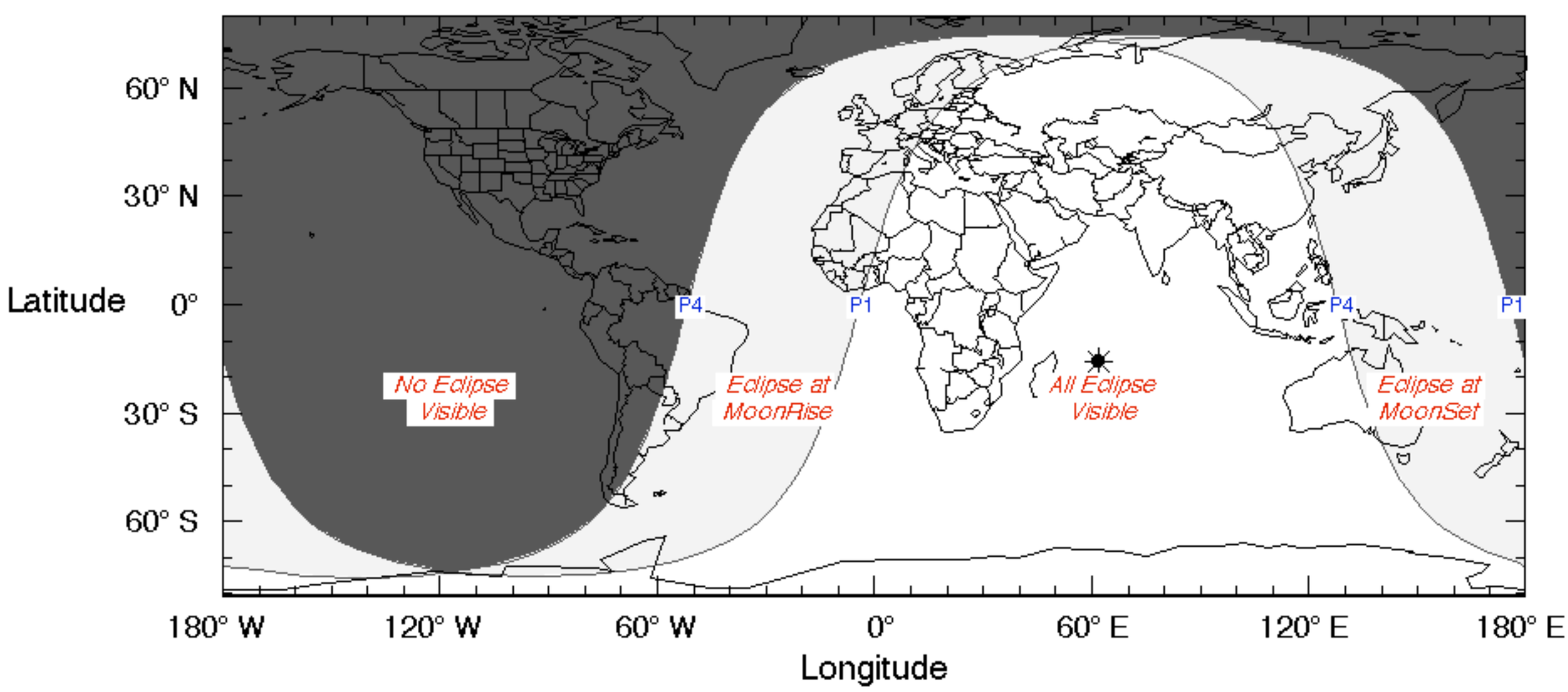
Penumbral = 03h18m13s

Eclipse Contacts

P1 = 18:17:52 UT
P4 = 21:36:05 UT

ΔT = 34 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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



2009 Apr 29