Partial Lunar Eclipse of 1965 Jun 14

Ecliptic Conjunction = 01:59:54.1 TD (= 01:59:18.0 UT)
Greatest Eclipse = 01:49:26.1 TD (= 01:48:50.0 UT)

Penumbral Magnitude = 1.2351 P. Radius = 1.1840° Gamma = -0.9005
Umbral Magnitude = 0.1767 U. Radius = 0.6591° Axis = 0.8195°

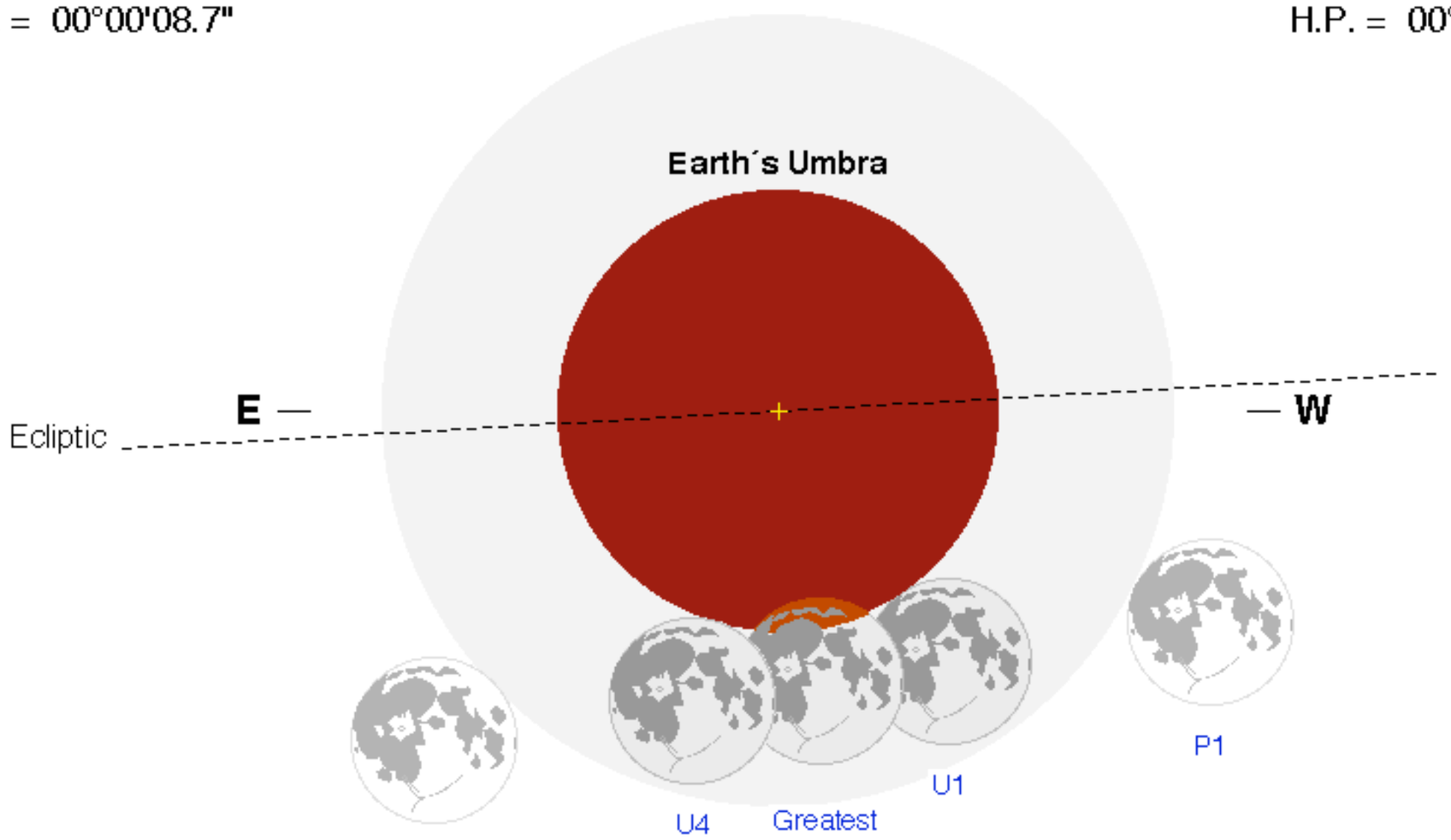
Saros Series = 139 Member = 19 of 81

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

R.A. = 05h28m37.7s
Dec. = +23°14'54.3"
S.D. = 00°15'44.8"
H.P. = 00°00'08.7"

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

R.A. = 17h28m04.9s
Dec. = -24°03'29.9"
S.D. = 00°14'52.7"
H.P. = 00°54'36.3"



<u>Eclipse Durations</u>

Penumbral = 05h02m44s
Umbral = 01h40m17s

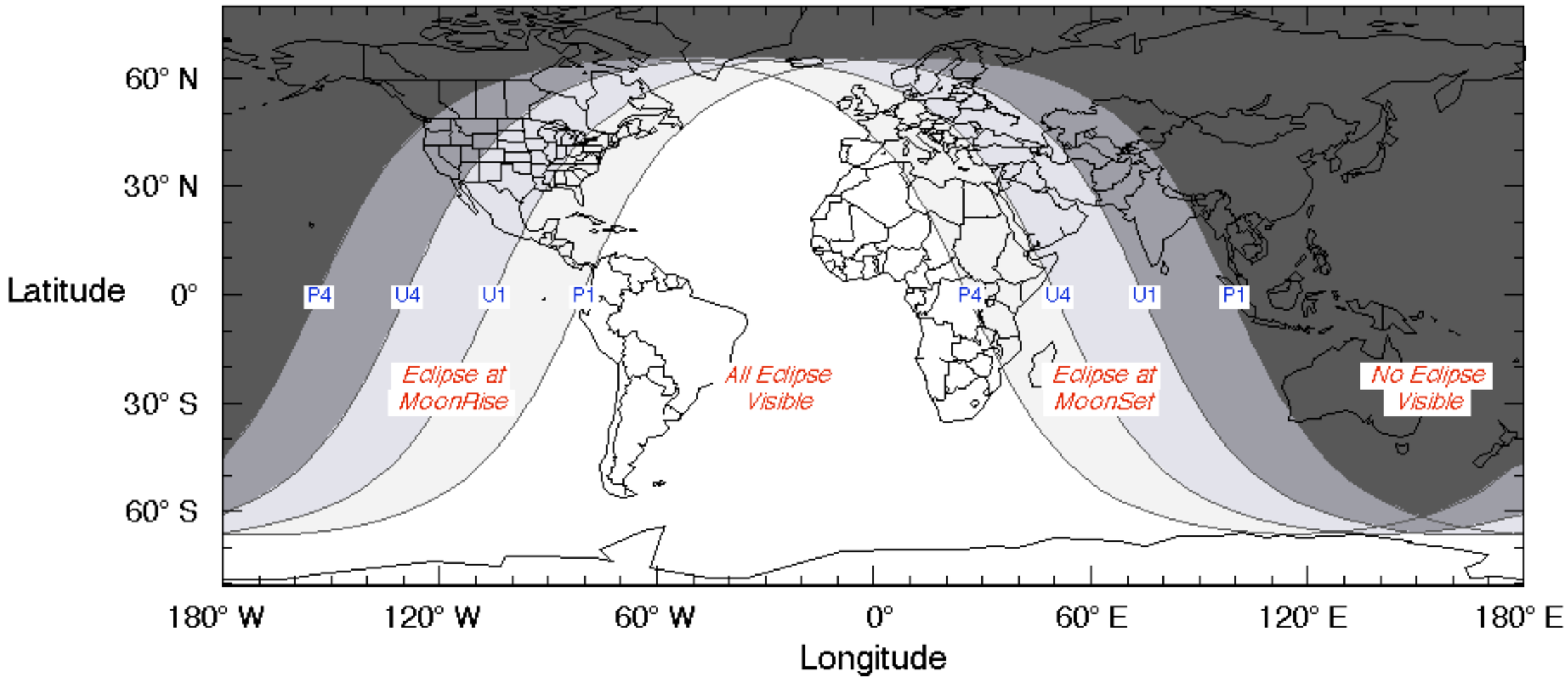
<u>Eclipse Contacts</u>

P1 = 23:17:28 UT
U1 = 00:58:38 UT
U4 = 02:38:55 UT
P4 = 04:20:12 UT

ΔT = 36 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



2009 Apr 29