Partial Lunar Eclipse of 1433 Jul 02

Ecliptic Conjunction = 17:43:19.4 TD (= 17:38:46.9 UT)
Greatest Eclipse = 17:34:55.8 TD (= 17:30:23.3 UT)

Penumbral Magnitude = 1.5689 P. Radius = 1.1842° Gamma = 0.7183
Umbral Magnitude = 0.5115 U. Radius = 0.6596° Axis = 0.6539°

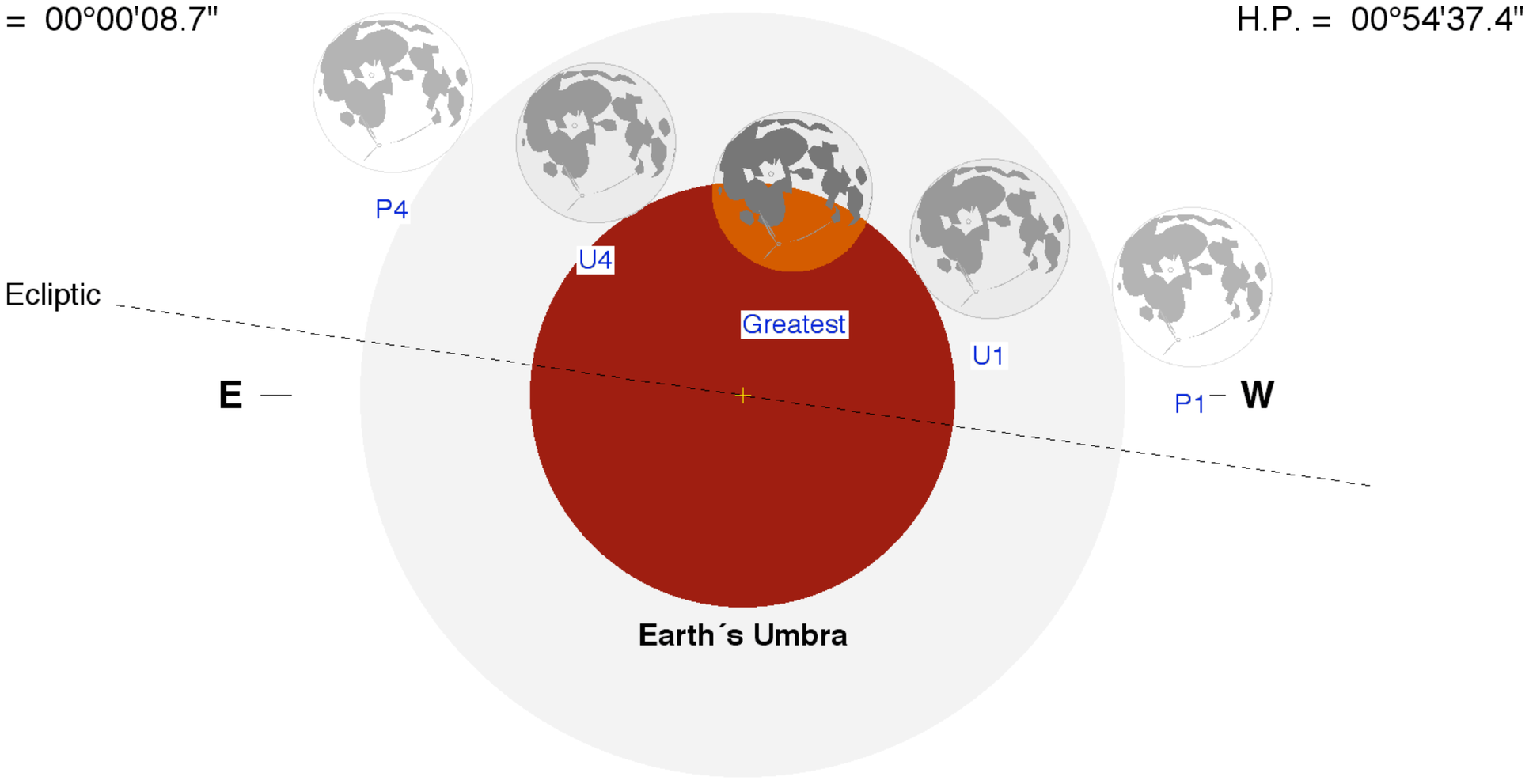
Saros Series = 120 Member = 26 of 84

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

R.A. = 07h21m16.8s
Dec. = +22°11'46.0"
S.D. = 00°15'44.3"
H.P. = 00°00'08.7"

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

R.A. = 19h20m36.9s
Dec. = -21°33'38.1"
S.D. = 00°14'53.0"
H.P. = 00°54'37.4"



<u>Eclipse Durations</u>

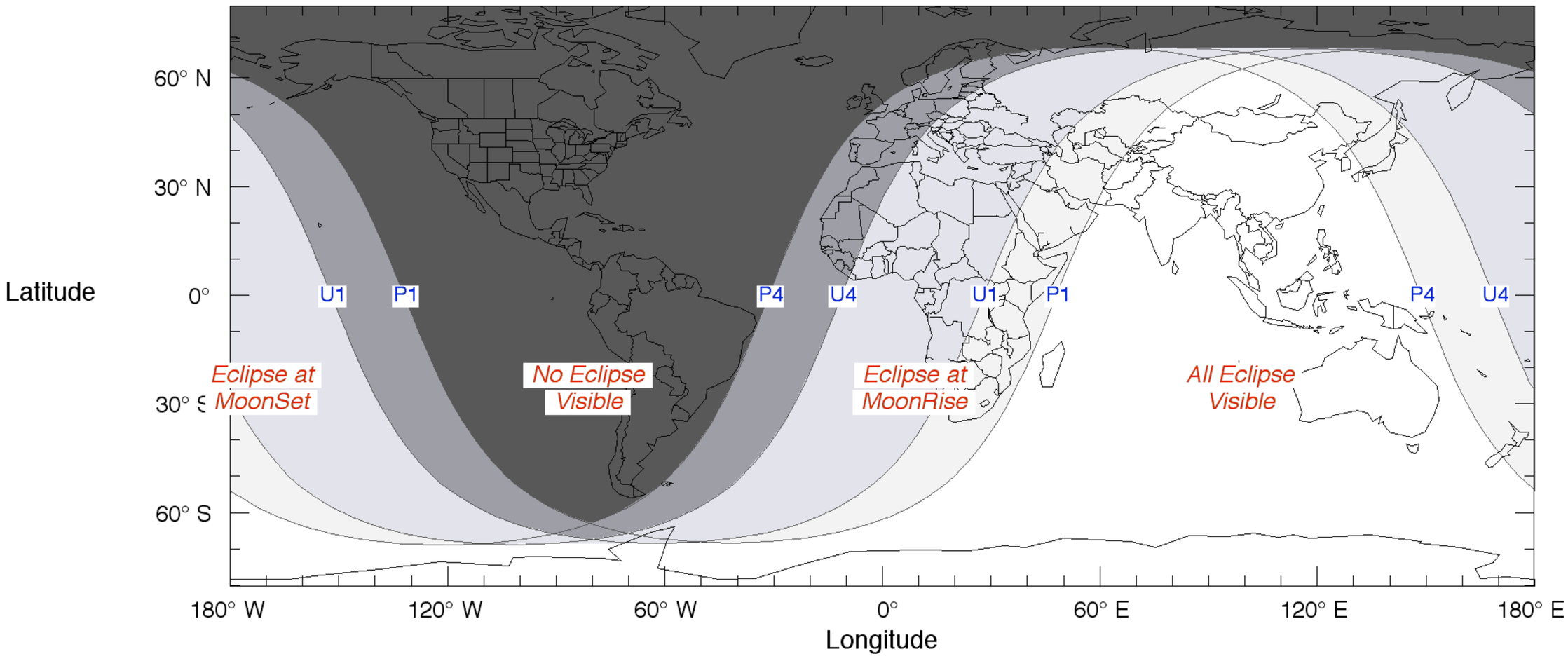
Penumbral = 05h28m13s
Umbral = 02h42m09s

ΔT = 273 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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

<u>Eclipse Contacts</u>

P1 = 14:46:17 UT
U1 = 16:09:21 UT
U4 = 18:51:30 UT
P4 = 20:14:30 UT



2009 Jun 07