Partial Lunar Eclipse of 1936 Jul 04

Ecliptic Conjunction = 17:34:51.0 TD (= 17:34:27.2 UT)
Greatest Eclipse = 17:25:23.4 TD (= 17:24:59.6 UT)

Penumbral Magnitude = 1.2778 P. Radius = 1.2258° Gamma = 0.8642
Umbral Magnitude = 0.2668 U. Radius = 0.7015° Axis = 0.8224°

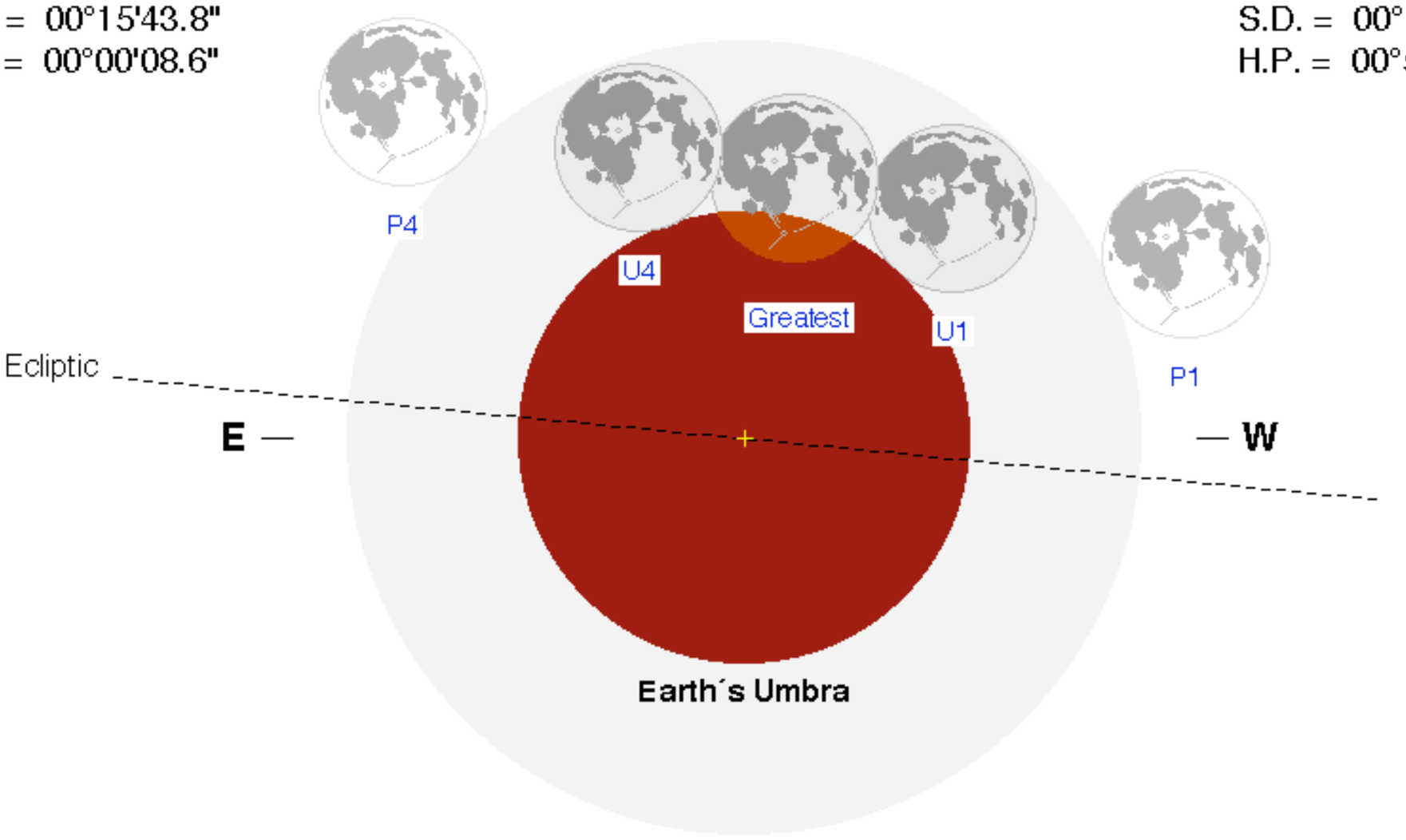
Saros Series = 138 Member = 25 of 83

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

R.A. = 06h54m24.6s
Dec. = +22°51'29.8"
S.D. = 00°15'43.8"
H.P. = 00°00'08.6"

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

R.A. = 18h53m44.0s
Dec. = -22°03'02.9"
S.D. = 00°15'33.5"
H.P. = 00°57'06.2"



<u>Eclipse Durations</u>

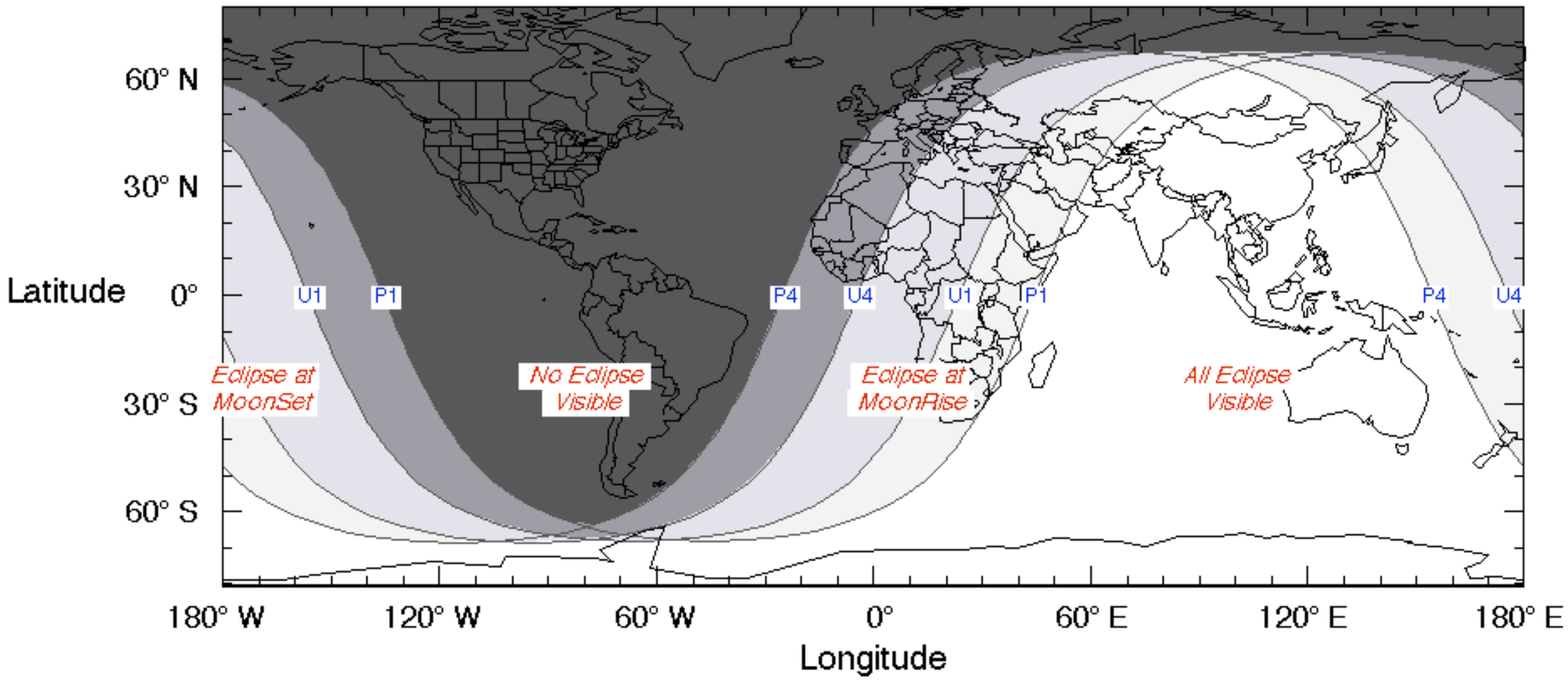
Penumbral = 04h49m31s
Umbral = 01h56m18s

ΔT = 24 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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

<u>Eclipse Contacts</u>

P1 = 15:00:16 UT
U1 = 16:26:56 UT
U4 = 18:23:14 UT
P4 = 19:49:46 UT



2009 Apr 29