Partial Lunar Eclipse of 1945 Jun 25

Ecliptic Conjunction = 15:08:18.6 TD (= 15:07:51.5 UT)
Greatest Eclipse = 15:14:21.6 TD (= 15:13:54.5 UT)

Penumbral Magnitude = 1.8862 P. Radius = 1.2112° Gamma = 0.5370
Umbral Magnitude = 0.8593 U. Radius = 0.6867° Axis = 0.5032°

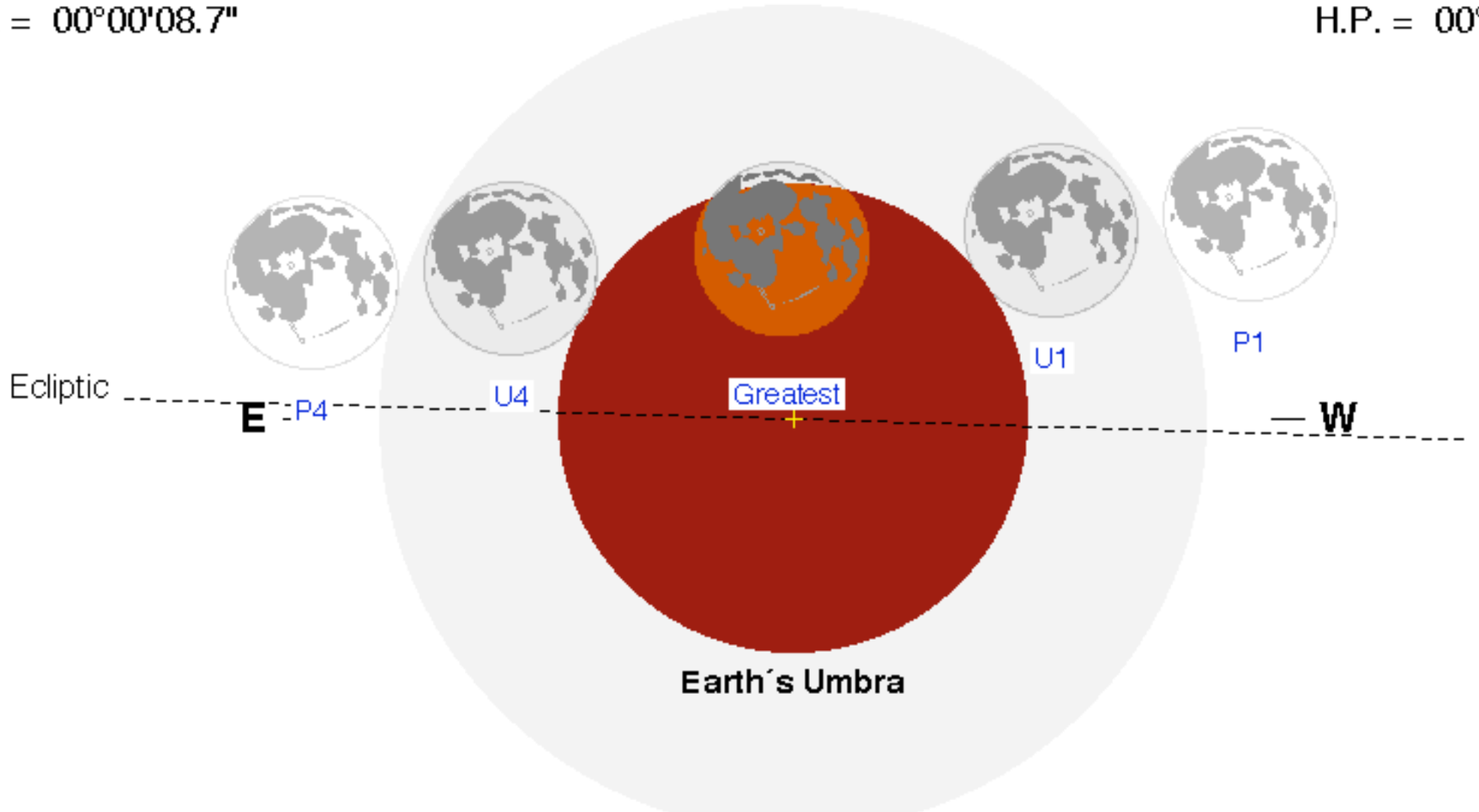
Saros Series = 119 Member = 58 of 83

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

R.A. = 06h15m59.8s
Dec. = +23°23'41.2"
S.D. = 00°15'44.0"
H.P. = 00°00'08.7"

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

R.A. = 18h16m09.1s
Dec. = -22°53'34.1"
S.D. = 00°15'19.3"
H.P. = 00°56'13.9"



<u>Eclipse Durations</u>

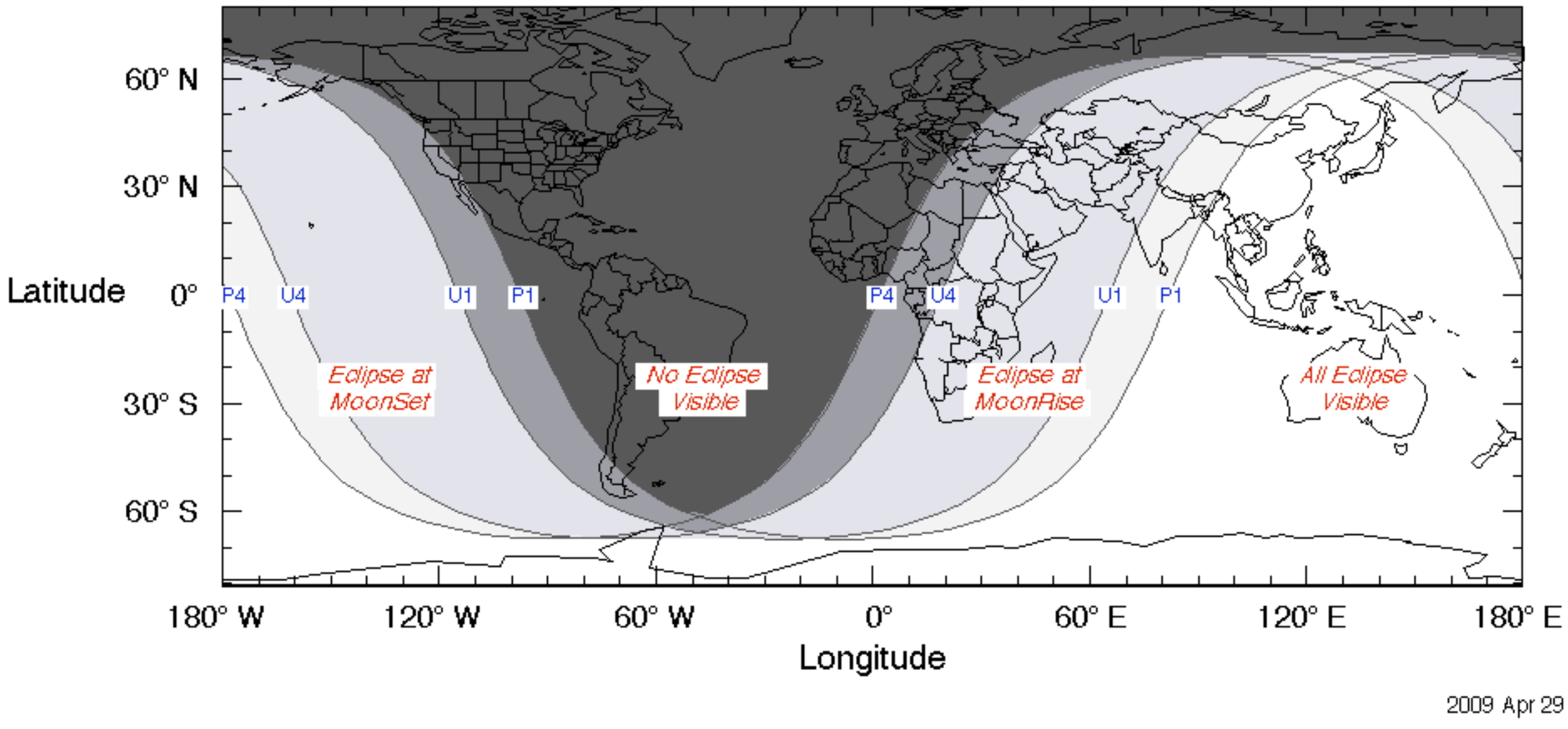
Penumbral = 05h33m15s
Umbral = 03h12m42s

ΔT = 27 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

<u>Eclipse Contacts</u>

P1 = 12:27:15 UT
U1 = 13:37:36 UT
U4 = 16:50:18 UT
P4 = 18:00:30 UT

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



2009 Apr 29