Partial Lunar Eclipse of 1939 Oct 28

Ecliptic Conjunction = 06:41:59.6 TD (= 06:41:35.3 UT)
Greatest Eclipse = 06:36:43.1 TD (= 06:36:18.8 UT)

Penumbral Magnitude = 2.0477 P. Radius = 1.2090° Gamma = -0.4581
Umbral Magnitude = 0.9877 U. Radius = 0.6724° Axis = 0.4255°

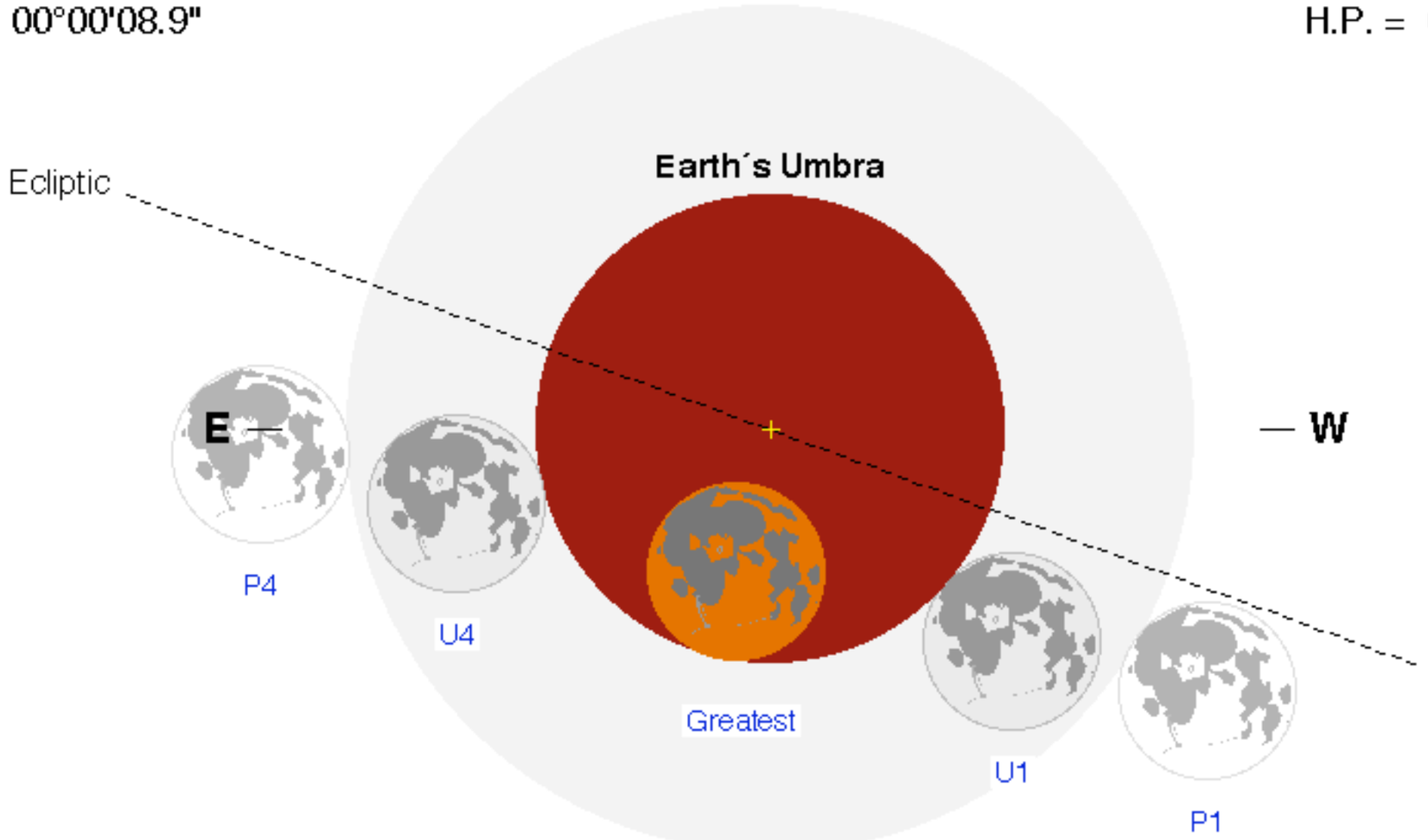
Saros Series = 135 Member = 19 of 71

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

R.A. = 14h06m46.1s
Dec. = -12°50'04.7"
S.D. = 00°16'05.9"
H.P. = 00°00'08.9"

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

R.A. = 02h07m11.5s
Dec. = +12°25'18.8"
S.D. = 00°15'11.2"
H.P. = 00°55'44.2"



<u>Eclipse Durations</u>

Penumbral = 05h46m05s
Umbral = 03h23m22s

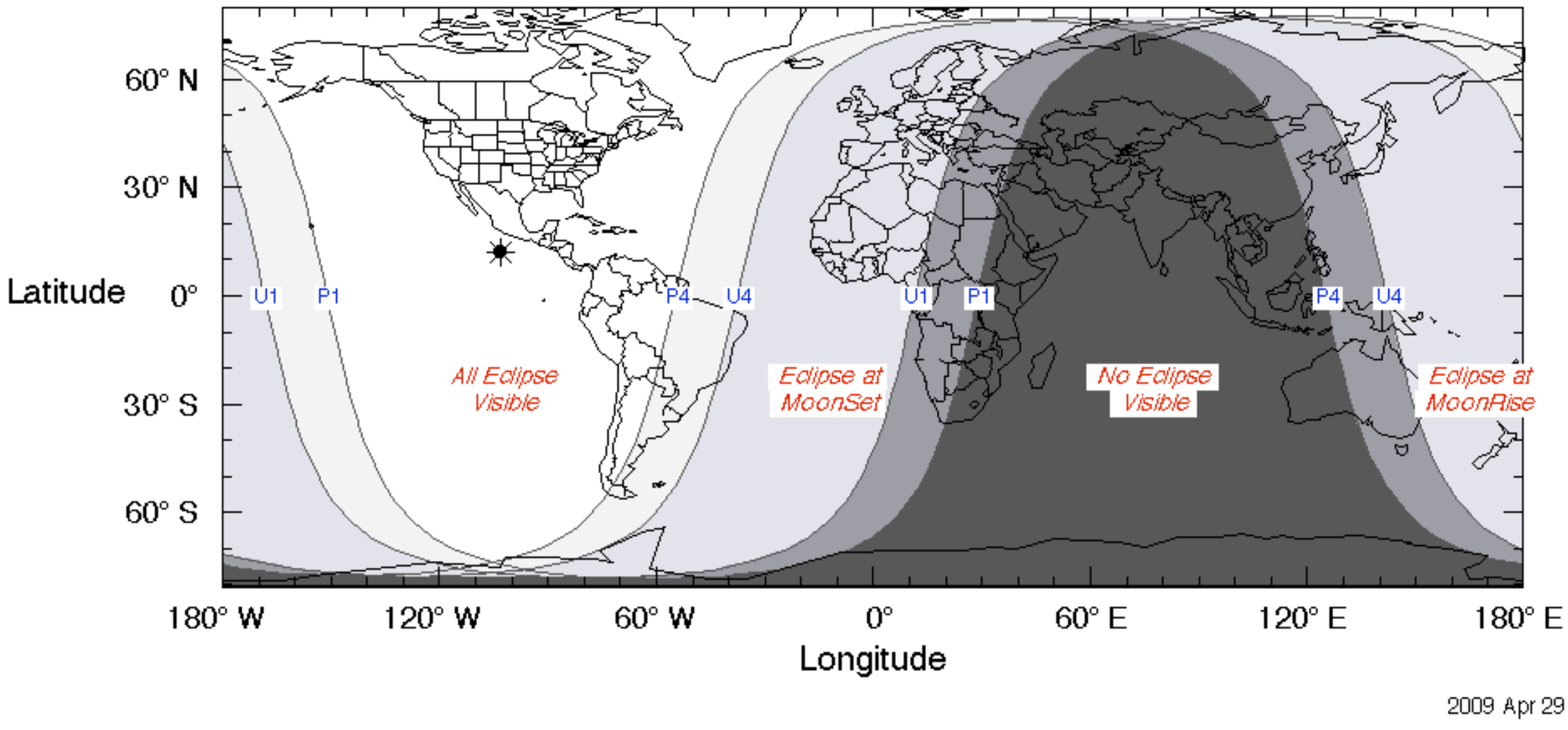
ΔT = 24 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

0 15 30 45 60
Arc-Minutes

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

<u>Eclipse Contacts</u>

P1 = 03:43:14 UT
U1 = 04:54:40 UT
U4 = 08:18:01 UT
P4 = 09:29:19 UT



2009 Apr 29