Partial Lunar Eclipse of 1932 Mar 22

Ecliptic Conjunction = 12:37:43.3 TD (= 12:37:19.4 UT)
Greatest Eclipse = 12:32:39.1 TD (= 12:32:15.1 UT)

Penumbral Magnitude = 1.9303 P. Radius = 1.2985° Gamma = -0.4956
Umbral Magnitude = 0.9666 U. Radius = 0.7636° Axis = 0.5047°

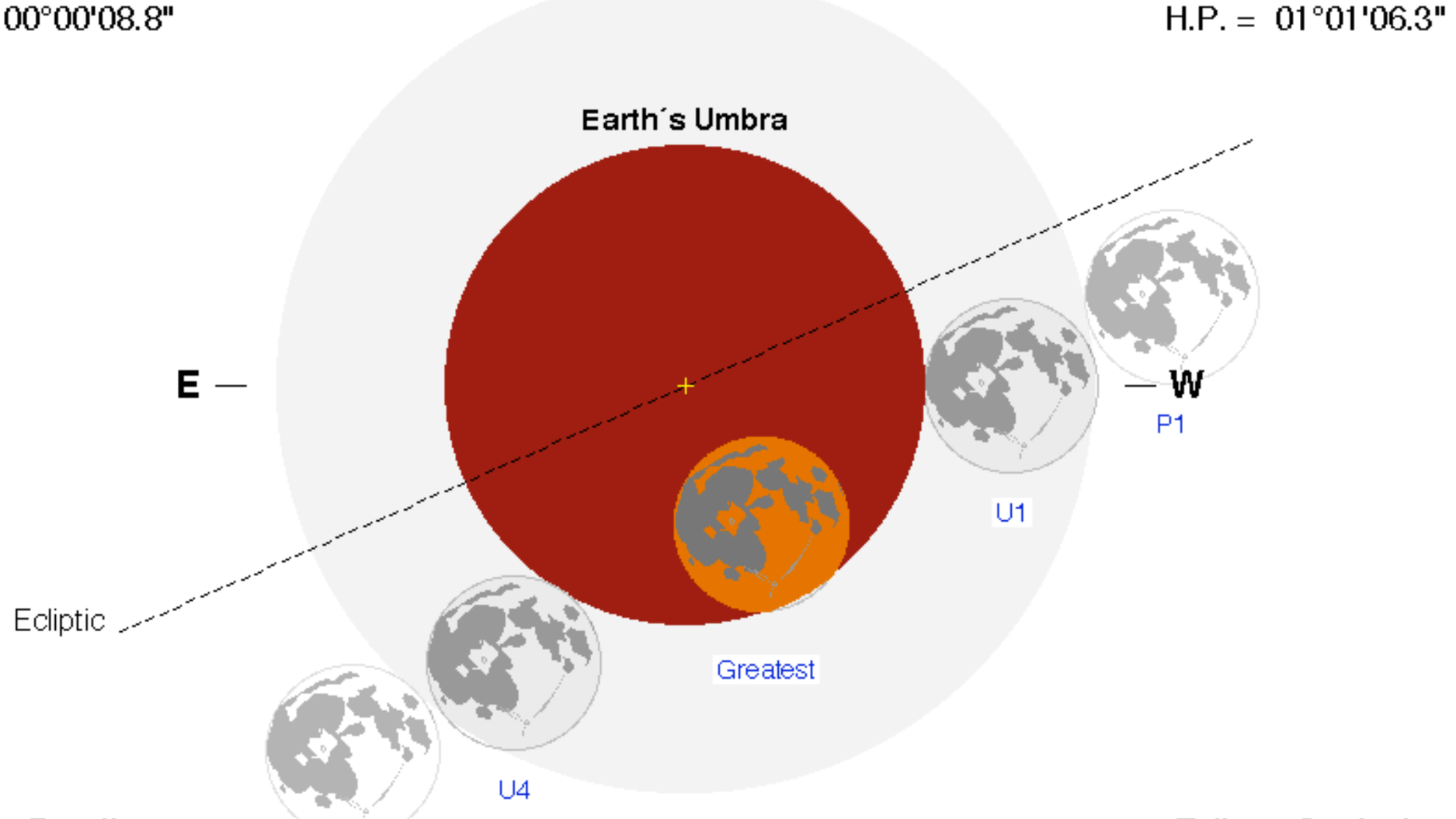
Saros Series = 131 Member = 29 of 72

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

R.A. = 00h06m09.9s
Dec. = +00°40'06.5"
S.D. = 00°16'02.7"
H.P. = 00°00'08.8"

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

R.A. = 12h05m11.0s
Dec. = -01°06'34.4"
S.D. = 00°16'39.0"
H.P. = 01°01'06.3"



<u>Eclipse Durations</u>

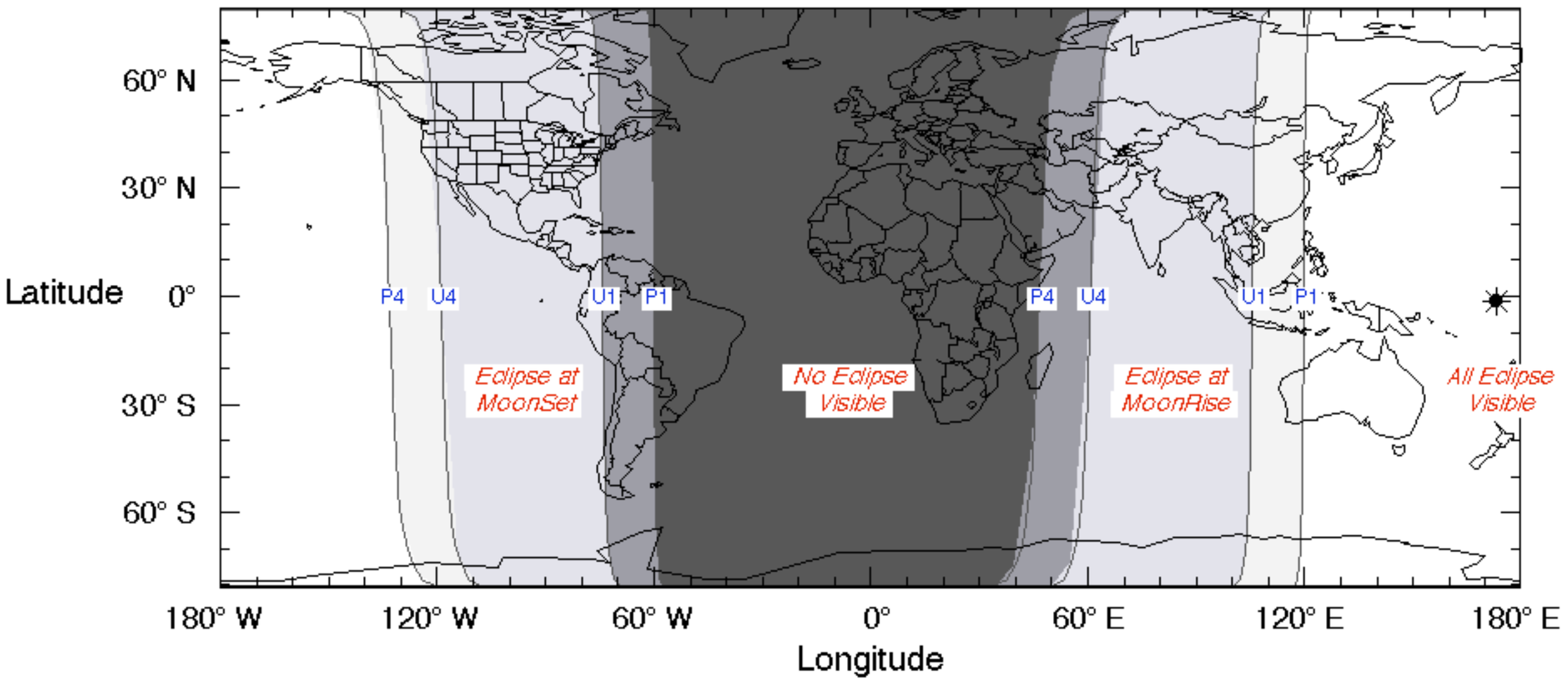
Penumbral = 05h03m51s
Umbral = 03h05m20s

<u>Eclipse Contacts</u>

P1 = 10:00:20 UT
U1 = 10:59:36 UT
U4 = 14:04:57 UT
P4 = 15:04:11 UT

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

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



2009 Apr 29