Total Lunar Eclipse of 1986 Apr 24

Ecliptic Conjunction = 12:47:16.9 TD (= 12:46:21.9 UT)
Greatest Eclipse = 12:43:29.7 TD (= 12:42:34.7 UT)

Penumbral Magnitude = 2.1620 P. Radius = 1.2909° Gamma = -0.3682
Umbral Magnitude = 1.2022 U. Radius = 0.7609° Axis = 0.3731°

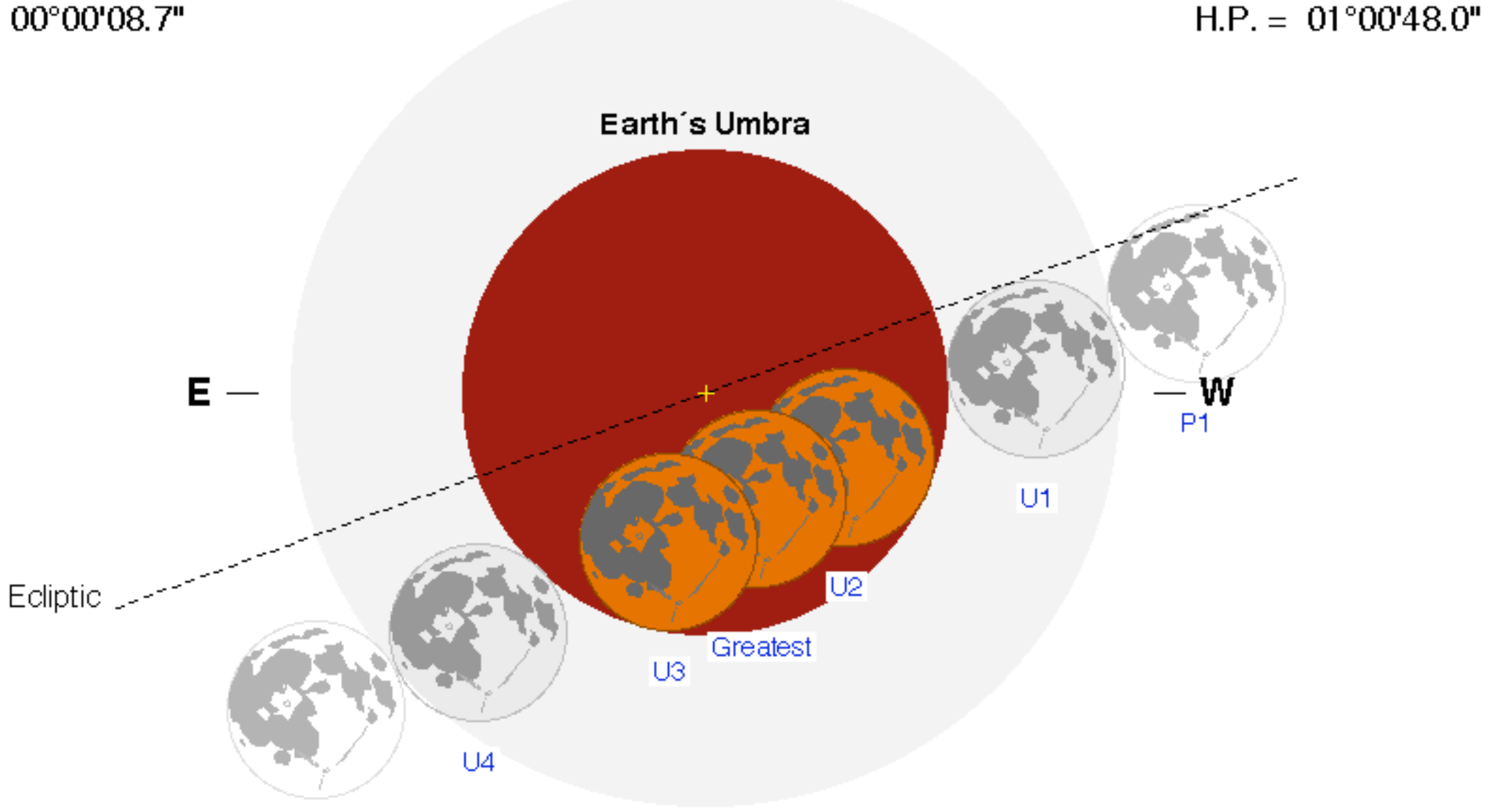
Saros Series = 131 Member = 32 of 72

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

R.A. = 02h07m09.8s
Dec. = +12°52'05.8"
S.D. = 00°15'54.1"
H.P. = 00°00'08.7"

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

R.A. = 14h06m30.3s
Dec. = -13°12'19.0"
S.D. = 00°16'34.0"
H.P. = 01°00'48.0"



<u>Eclipse Durations</u>

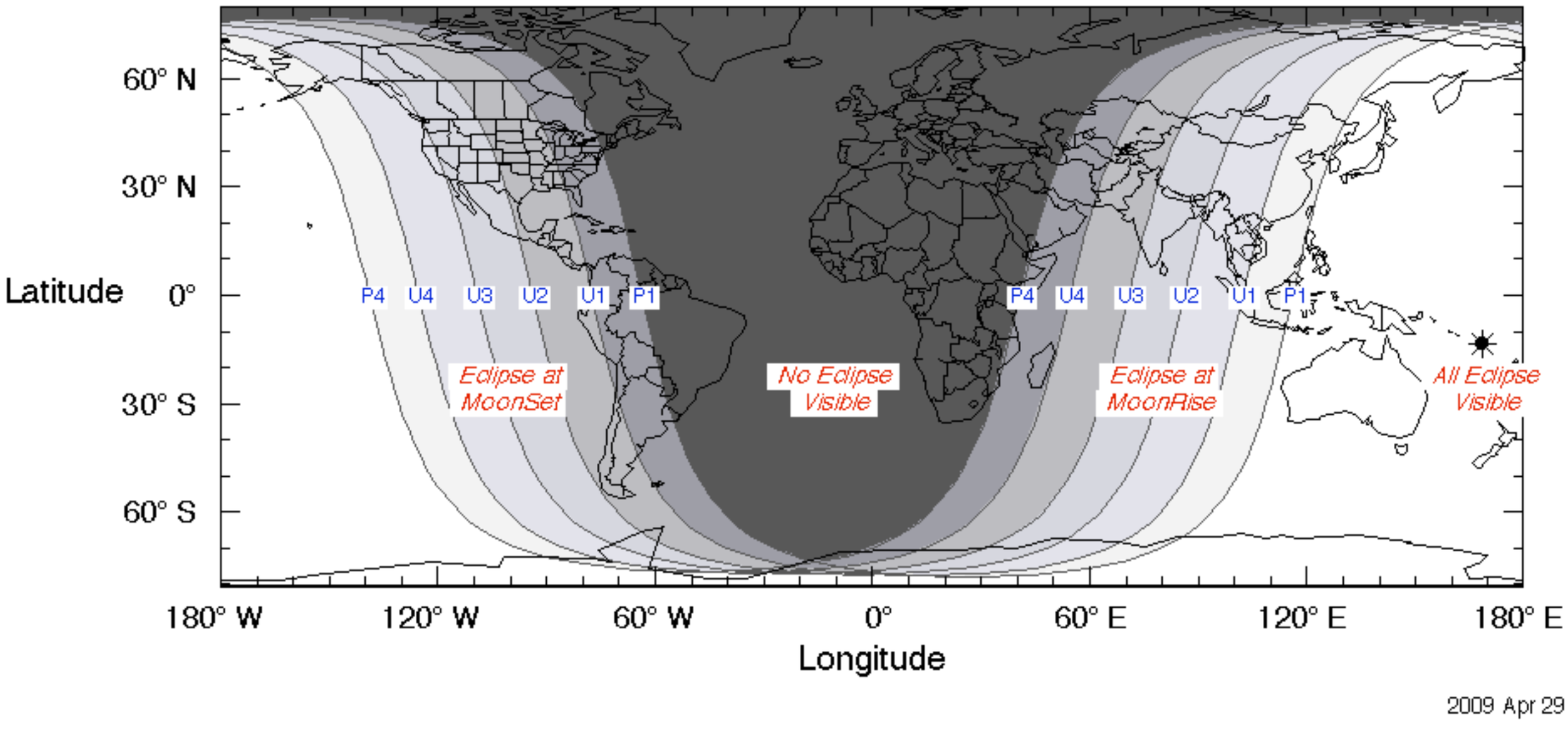
Penumbral = 05h12m37s
Umbral = 03h18m45s
Total = 01h03m35s

ΔT = 55 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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

<u>Eclipse Contacts</u>

P1 = 10:06:16 UT
U1 = 11:03:13 UT
U2 = 12:10:48 UT
U3 = 13:14:23 UT
U4 = 14:21:58 UT
P4 = 15:18:53 UT



2009 Apr 29