Total Lunar Eclipse of 1935 Jan 19

Ecliptic Conjunction = 15:44:34.6 TD (= 15:44:10.8 UT)
Greatest Eclipse = 15:47:35.2 TD (= 15:47:11.4 UT)

Penumbral Magnitude = 2.4502 P. Radius = 1.1861° Gamma = 0.2498
Umbral Magnitude = 1.3499 U. Radius = 0.6442° Axis = 0.2257°

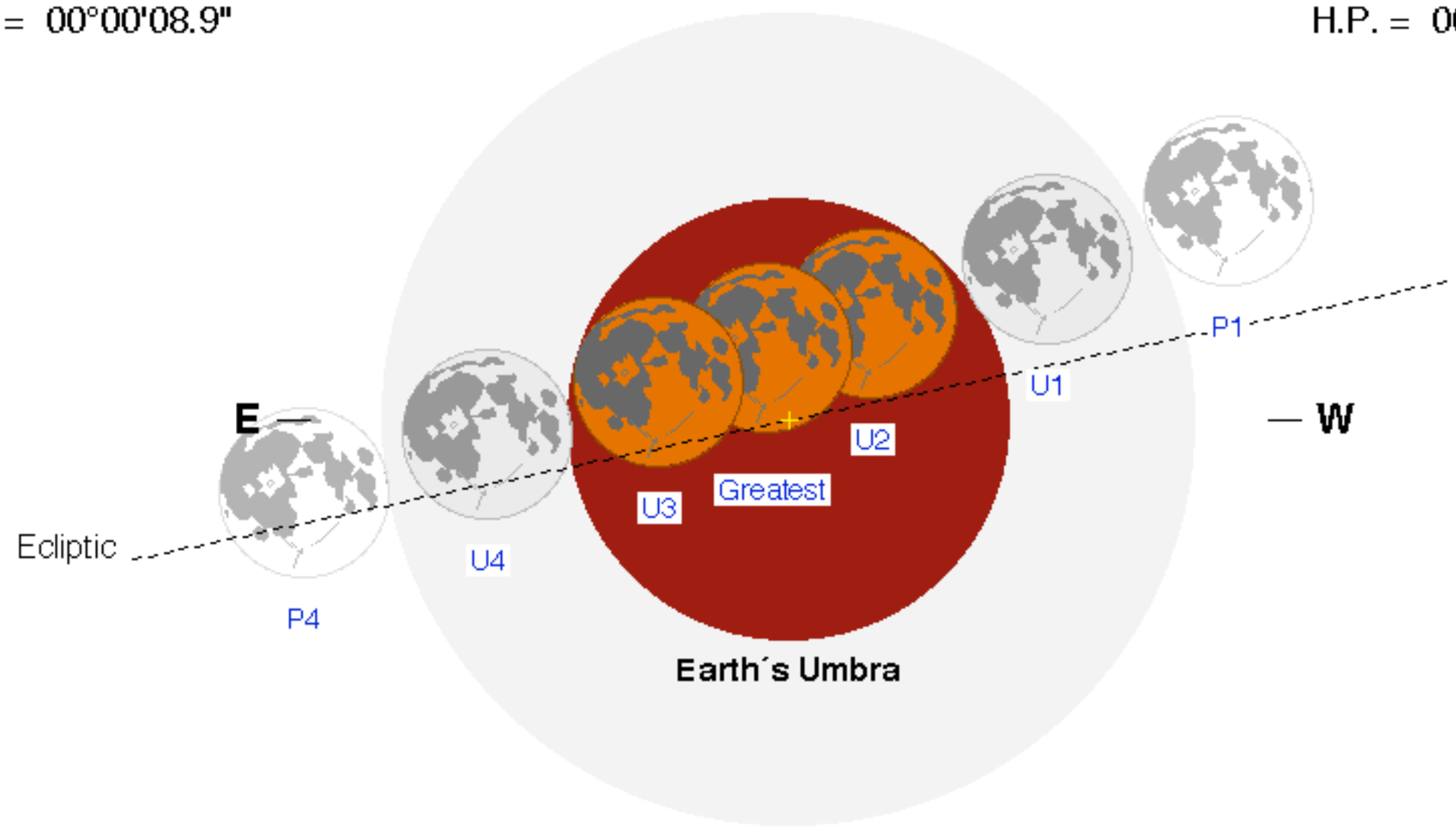
Saros Series = 123 Member = 48 of 73

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

R.A. = 20h03m07.7s
Dec. = -20°26'15.8"
S.D. = 00°16'15.3"
H.P. = 00°00'08.9"

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

R.A. = 08h03m25.2s
Dec. = +20°39'10.5"
S.D. = 00°14'46.4"
H.P. = 00°54'13.1"



<u>Eclipse Durations</u>

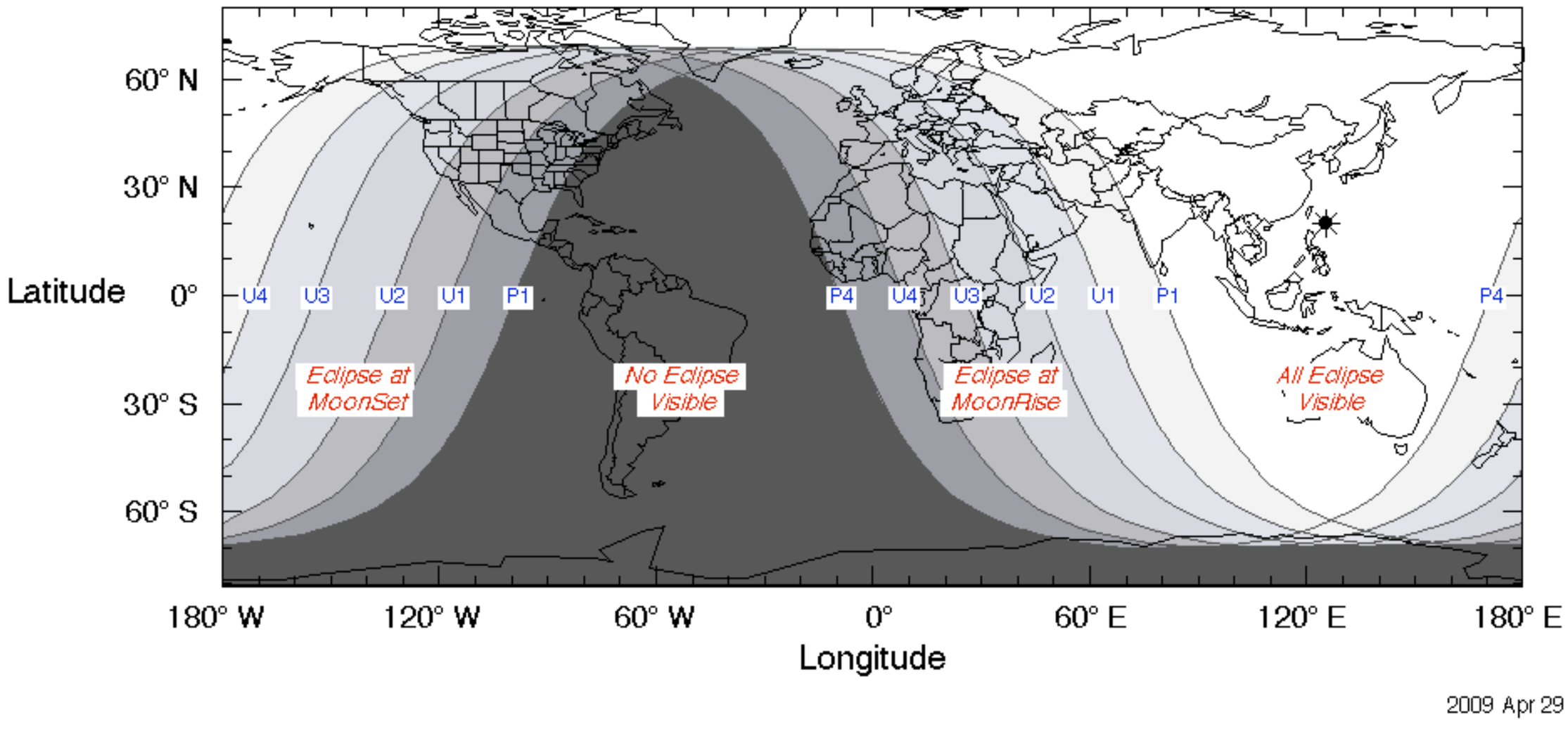
Penumbral = 06h12m08s
Umbral = 03h46m39s
Total = 01h26m16s

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 = 12:41:08 UT
U1 = 13:53:51 UT
U2 = 15:04:03 UT
U3 = 16:30:19 UT
U4 = 17:40:30 UT
P4 = 18:53:16 UT



2009 Apr 29