Partial Lunar Eclipse of 1955 Nov 29

Ecliptic Conjunction = 16:50:19.7 TD (= 16:49:48.3 UT)
Greatest Eclipse = 16:59:59.6 TD (= 16:59:28.2 UT)

Penumbral Magnitude = 1.0917 P. Radius = 1.3027° Gamma = 0.9551
Umbral Magnitude = 0.1190 U. Radius = 0.7622° Axis = 0.9739°

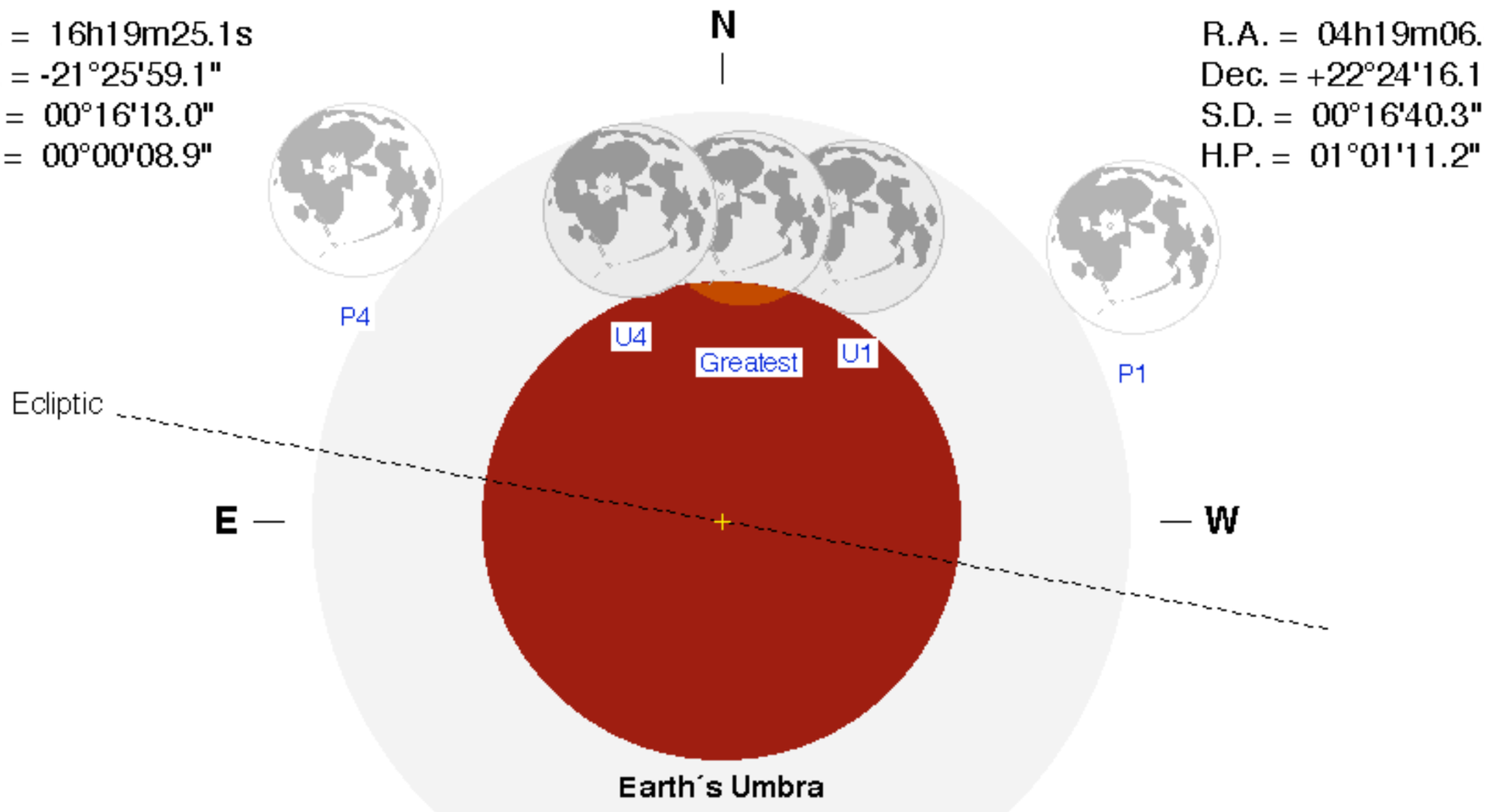
Saros Series = 115 Member = 54 of 72

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

R.A. = 16h19m25.1s
Dec. = -21°25'59.1"
S.D. = 00°16'13.0"
H.P. = 00°00'08.9"

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

R.A. = 04h19m06.8s
Dec. = +22°24'16.1"
S.D. = 00°16'40.3"
H.P. = 01°01'11.2"



<u>Eclipse Durations</u>

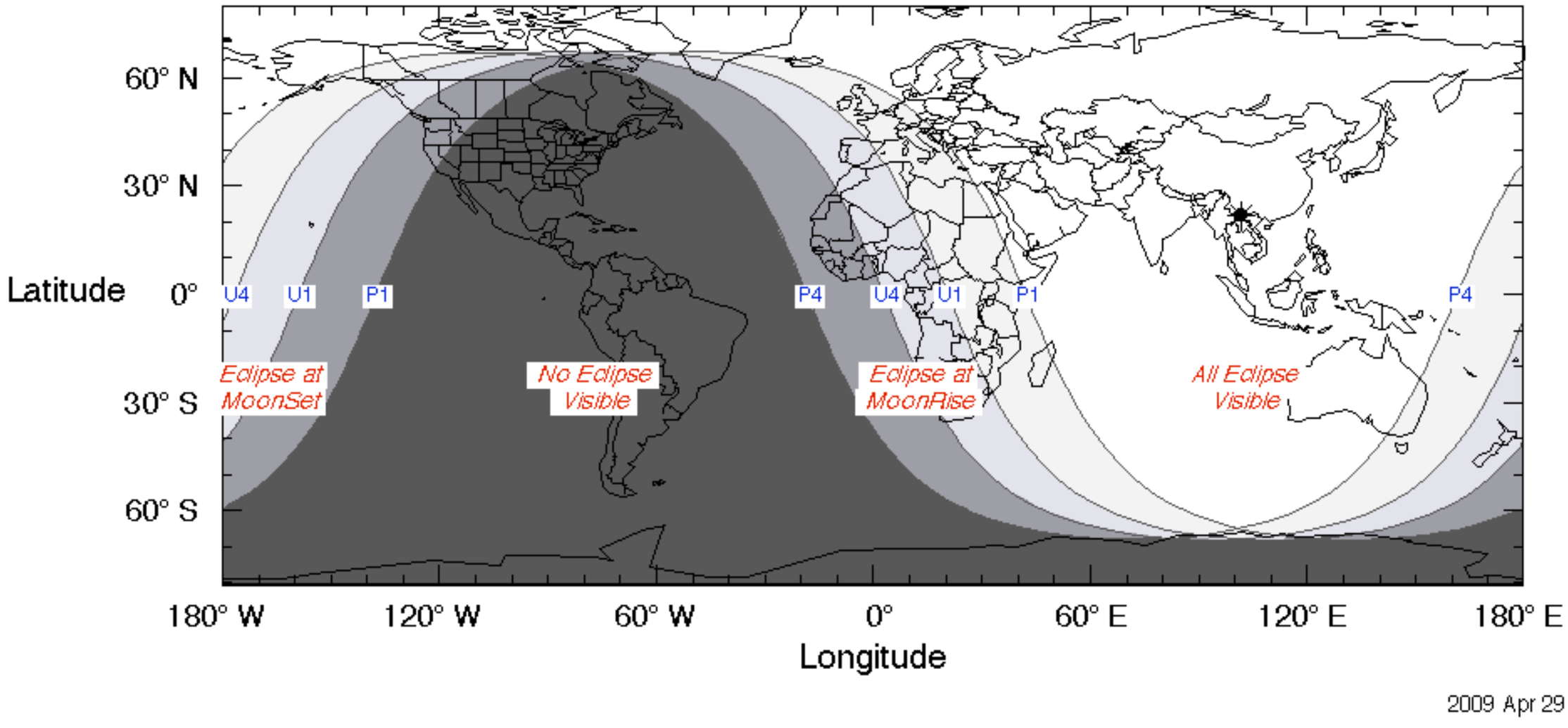
Penumbral = 04h13m00s
Umbral = 01h14m10s

ΔT = 31 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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

<u>Eclipse Contacts</u>

P1 = 14:52:59 UT
U1 = 16:22:25 UT
U4 = 17:36:35 UT
P4 = 19:05:59 UT



2009 Apr 29