# Total Lunar Eclipse of 1954 Jan 19

Ecliptic Conjunction = 02:37:16.5 TD ( = 02:36:45.8 UT )
Greatest Eclipse = 02:32:21.1 TD ( = 02:31:50.4 UT )

Penumbral Magnitude = 2.0853 P. Radius = 1.2270° Gamma = -0.4357
Umbral Magnitude = 1.0322 U. Radius = 0.6852° Axis = 0.4114°

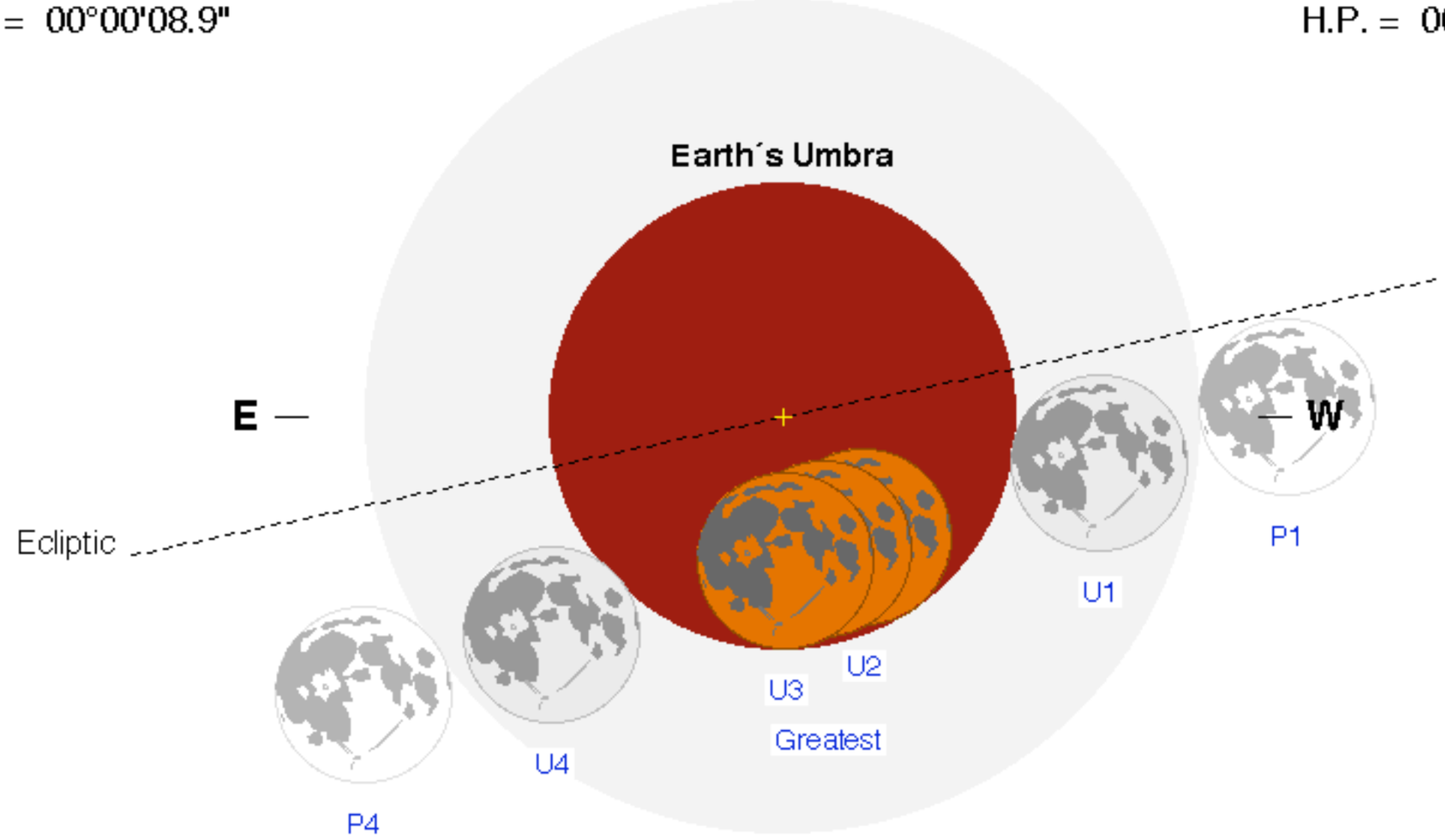
Saros Series = 133 Member = 23 of 71

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

R.A. = 20h02m25.4s
Dec. = -20°28'09.9"
S.D. = 00°16'15.3"
H.P. = 00°00'08.9"

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

R.A. = 08h01m54.0s
Dec. = +20°04'36.5"
S.D. = 00°15'26.1"
H.P. = 00°56'39.0"




<u>Eclipse Durations</u>

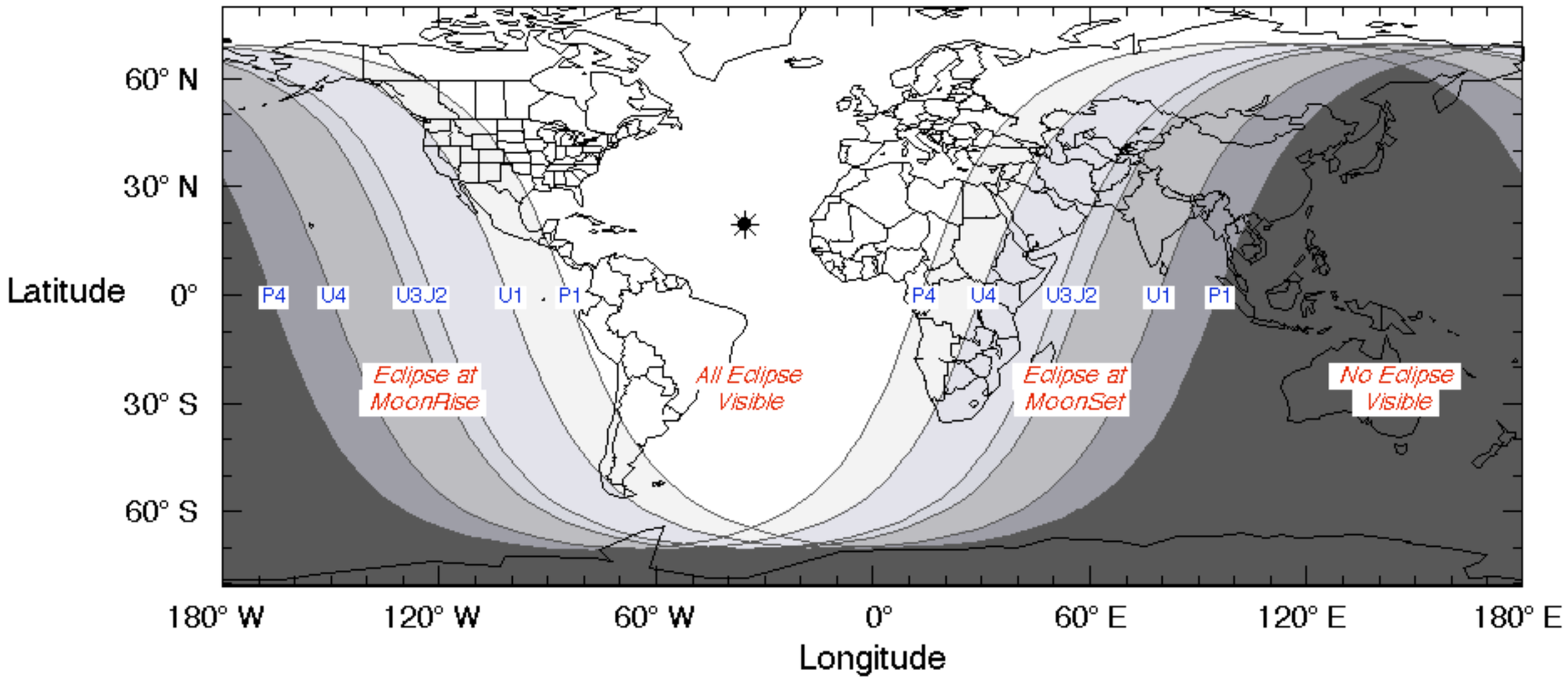
Penumbral = 05h41m12s
Umbral = 03h22m53s
Total = 00h28m12s

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 = 23:41:17 UT
U1 = 00:50:22 UT
U2 = 02:17:43 UT
U3 = 02:45:55 UT
U4 = 04:13:15 UT
P4 = 05:22:29 UT




2009 Apr 29