Total Lunar Eclipse of 1953 Jul 26

Ecliptic Conjunction = 12:21:05.6 TD (= 12:20:35.1 UT)
Greatest Eclipse = 12:21:10.1 TD (= 12:20:39.6 UT)

Penumbral Magnitude = 2.8265 P. Radius = 1.2745° Gamma = -0.0071
Umbral Magnitude = 1.8628 U. Radius = 0.7496° Axis = 0.0071°

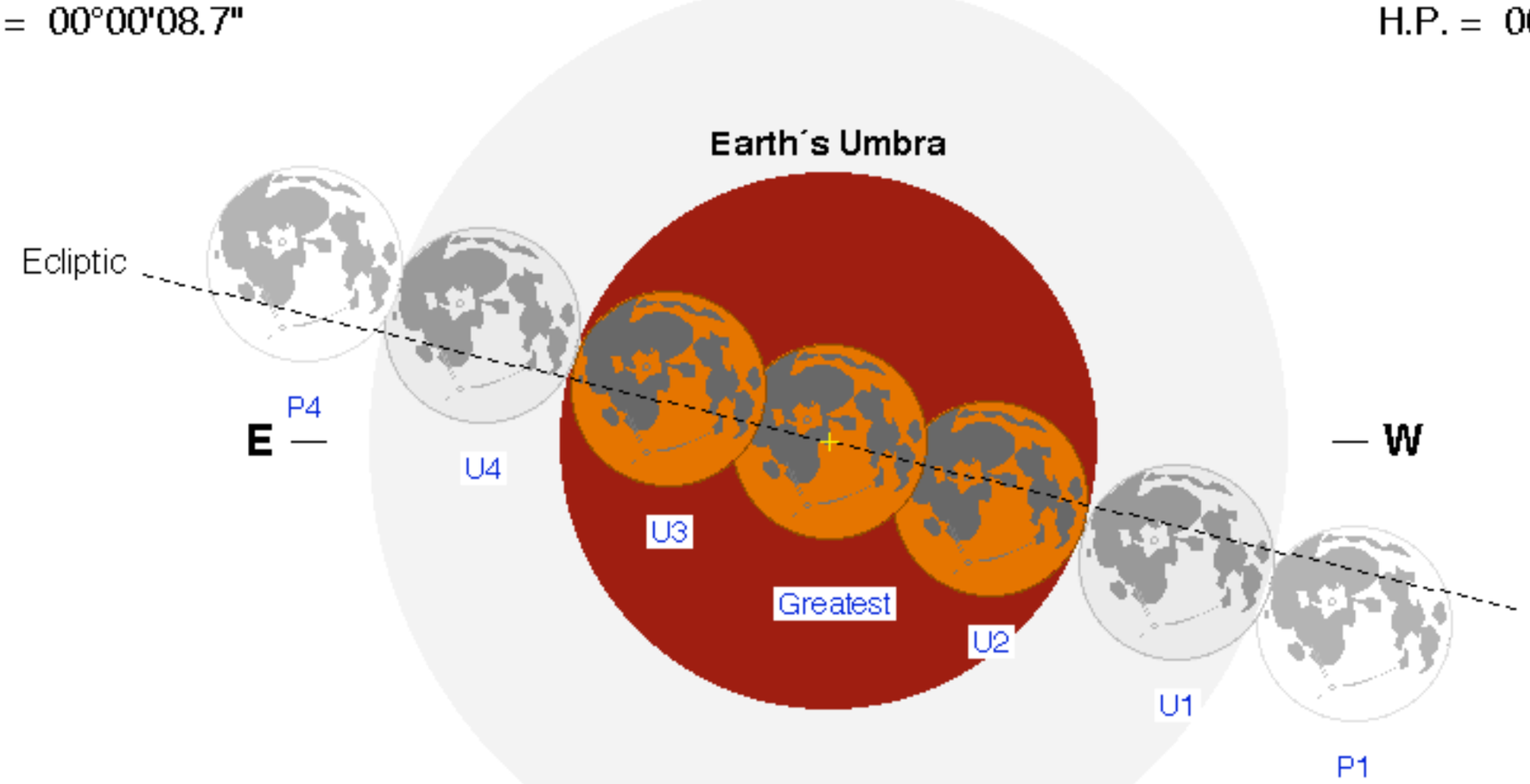
Saros Series = 128 Member = 37 of 71

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

R.A. = 08h22m00.3s
Dec. = +19°26'49.3"
S.D. = 00°15'45.0"
H.P. = 00°00'08.7"

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

R.A. = 20h22m00.9s
Dec. = -19°27'13.6"
S.D. = 00°16'20.6"
H.P. = 00°59'58.7"



<u>Eclipse Durations</u>

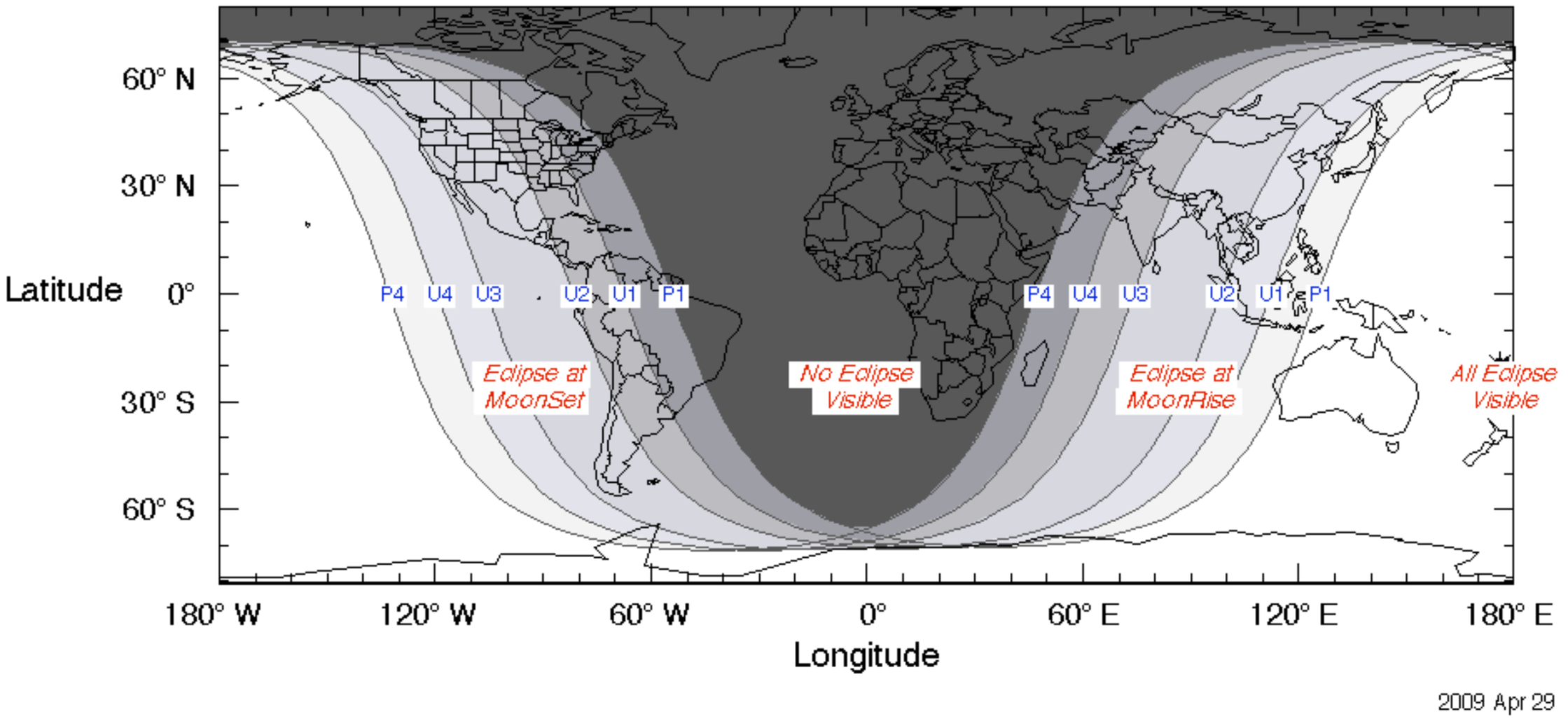
Penumbral = 05h26m29s
Umbral = 03h35m42s
Total = 01h40m43s

ΔT = 30 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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

<u>Eclipse Contacts</u>

P1 = 09:37:23 UT
U1 = 10:32:49 UT
U2 = 11:30:19 UT
U3 = 13:11:02 UT
U4 = 14:08:31 UT
P4 = 15:03:52 UT



2009 Apr 29