Total Lunar Eclipse of 1985 May 04

Ecliptic Conjunction = 19:53:43.2 TD (= 19:52:48.7 UT)
Greatest Eclipse = 19:57:18.5 TD (= 19:56:24.0 UT)

Penumbral Magnitude = 2.1870 P. Radius = 1.2978° Gamma = 0.3519
Umbral Magnitude = 1.2369 U. Radius = 0.7692° Axis = 0.3593°

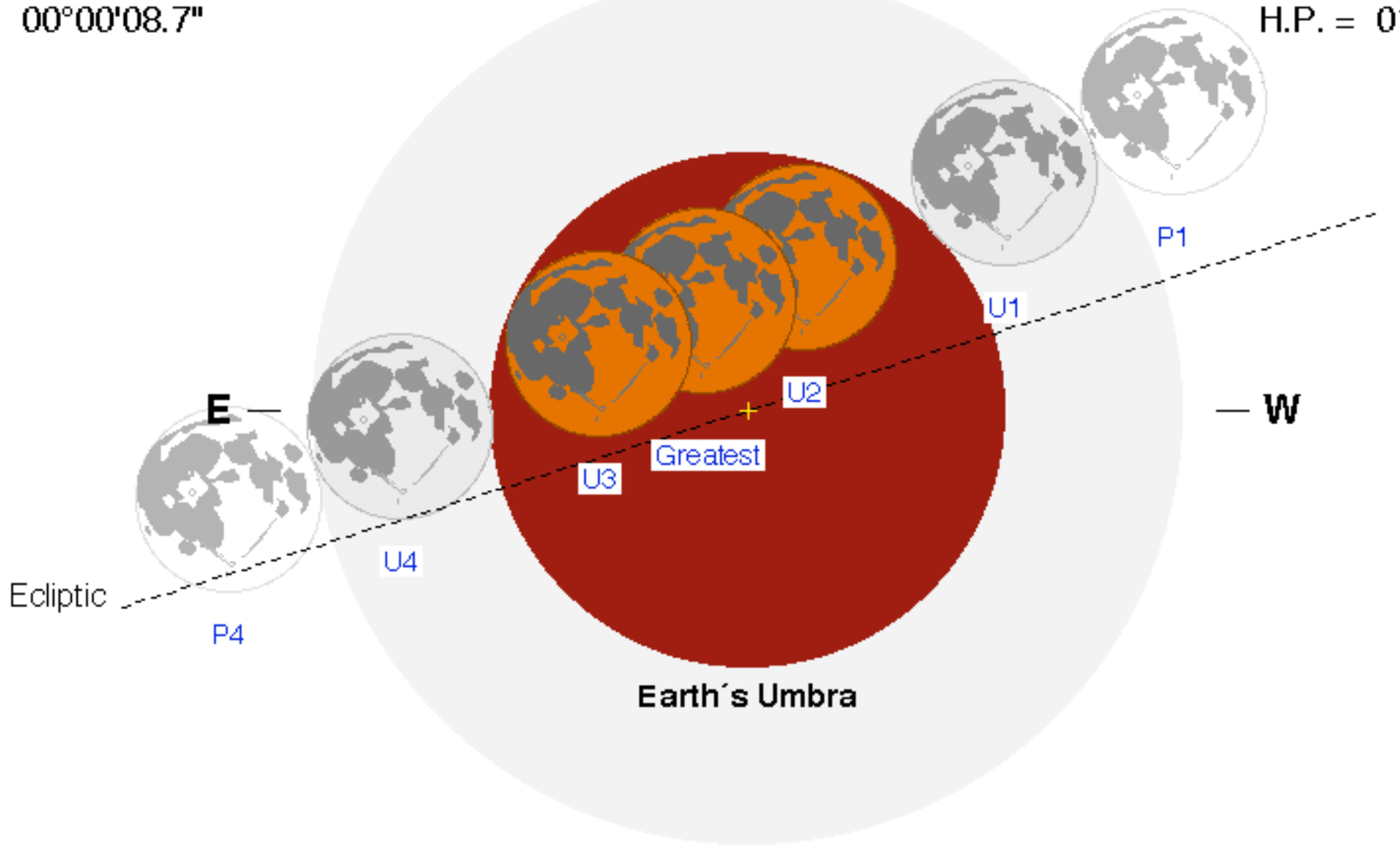
Saros Series = 121 Member = 54 of 84

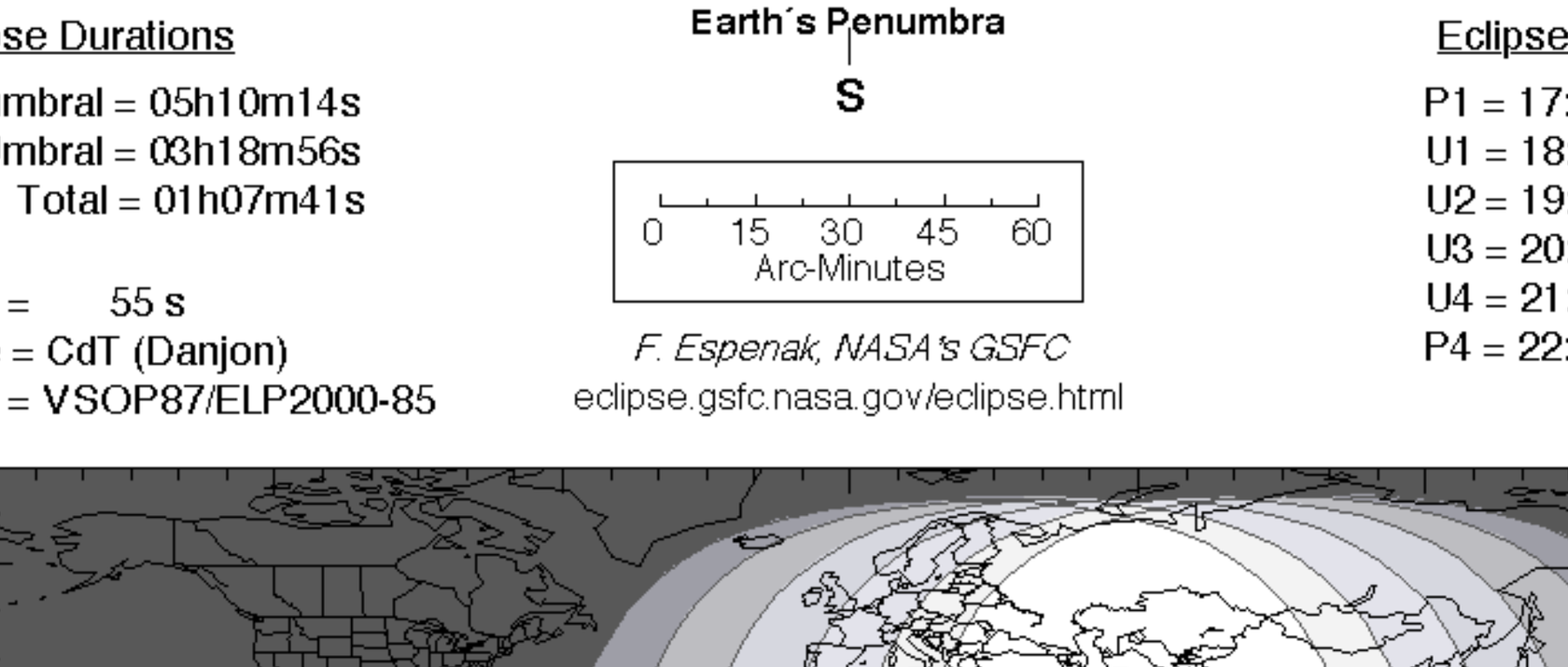
<u>Sun at Greatest Eclipse</u>
(Geocentric Coordinates)

R.A. = 02h47m17.2s
Dec. = +16°07'37.7"
S.D. = 00°15'51.5"
H.P. = 00°00'08.7"

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

R.A. = 14h47m52.0s
Dec. = -15°47'45.9"
S.D. = 00°16'41.4"
H.P. = 01°01'15.2"





<u>Eclipse Durations</u>

Penumbral = 05h10m14s
Umbral = 03h18m56s
Total = 01h07m41s

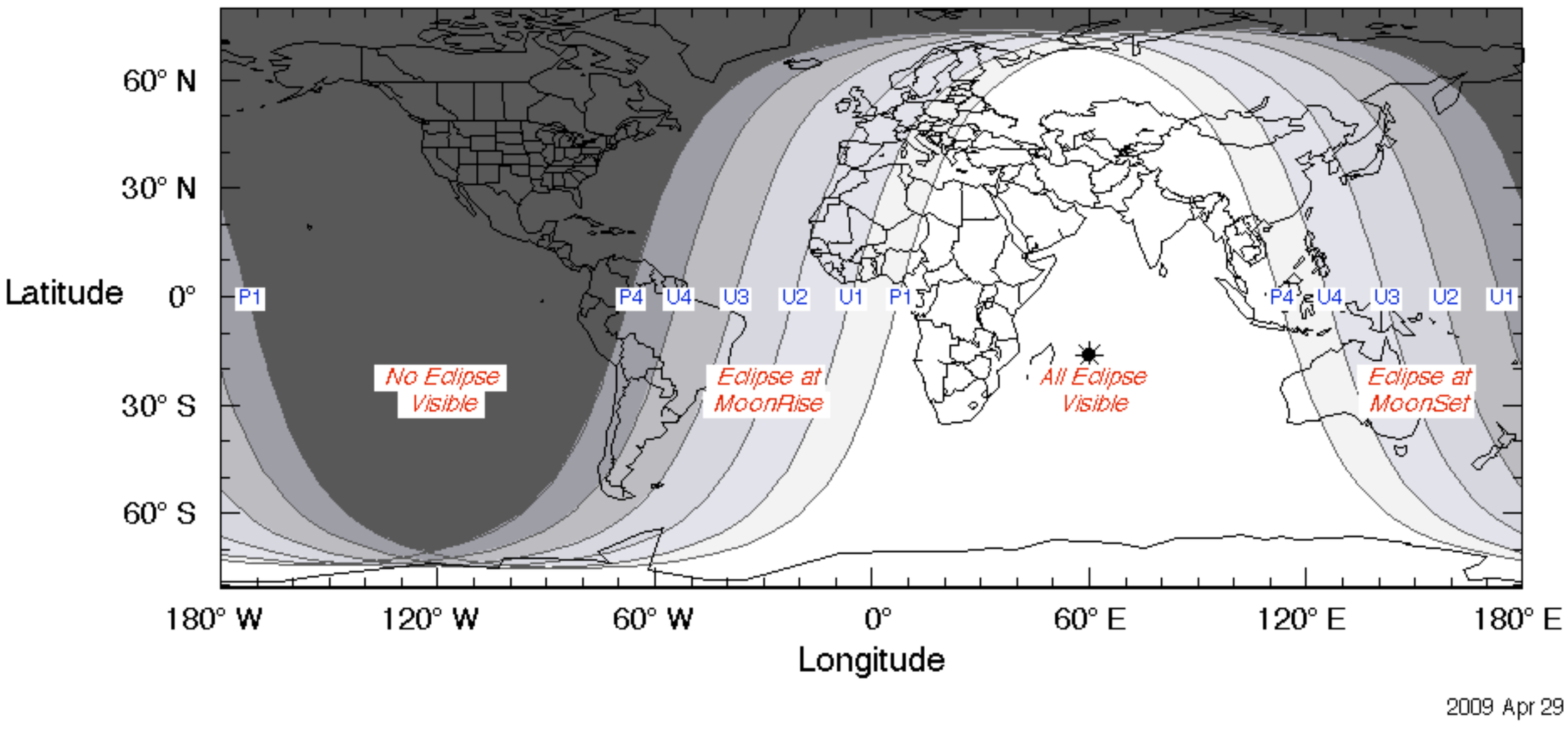
ΔT = 55 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

0 15 30 45 60
Arc-Minutes

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

<u>Eclipse Contacts</u>

P1 = 17:21:17 UT
U1 = 18:16:55 UT
U2 = 19:22:33 UT
U3 = 20:30:14 UT
U4 = 21:35:51 UT
P4 = 22:31:31 UT



2009 Apr 29