Partial Lunar Eclipse of 0033 Apr 03

Ecliptic Conjunction = 17:45:51.4 TD (= 14:55:49.4 UT)
Greatest Eclipse = 17:37:53.1 TD (= 14:47:51.1 UT)

Penumbral Magnitude = 1.6399 P. Radius = 1.1872° Gamma = -0.6813
Umbral Magnitude = 0.5764 U. Radius = 0.6589° Axis = 0.6210°

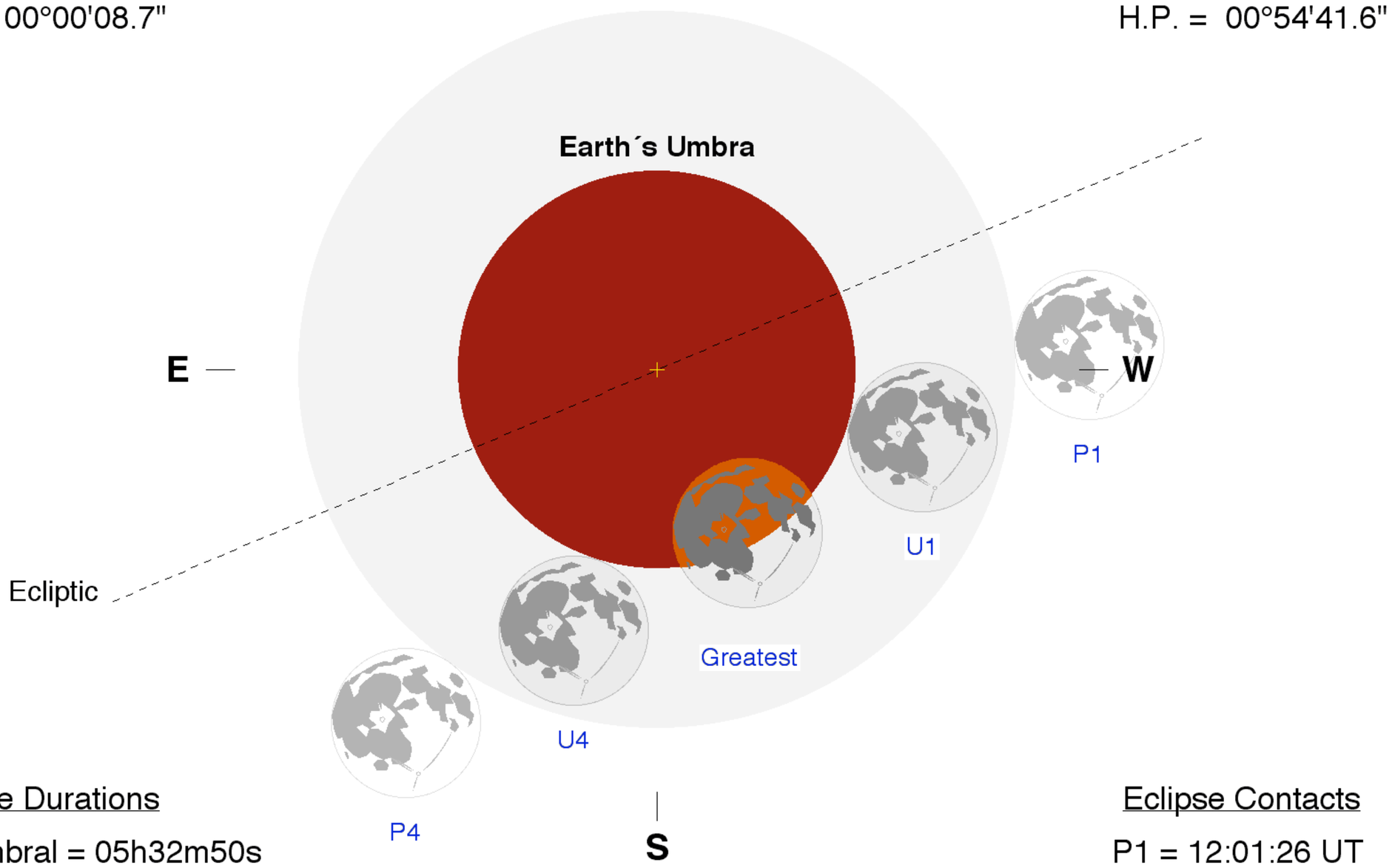
Saros Series = 71 Member = 29 of 72

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

R.A. = 00h42m34.5s
Dec. = +04°38'02.3"
S.D. = 00°15'51.0"
H.P. = 00°00'08.7"

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

R.A. = 12h41m22.1s
Dec. = -05°10'38.1"
S.D. = 00°14'54.2"
H.P. = 00°54'41.6"



<u>Eclipse Durations</u>

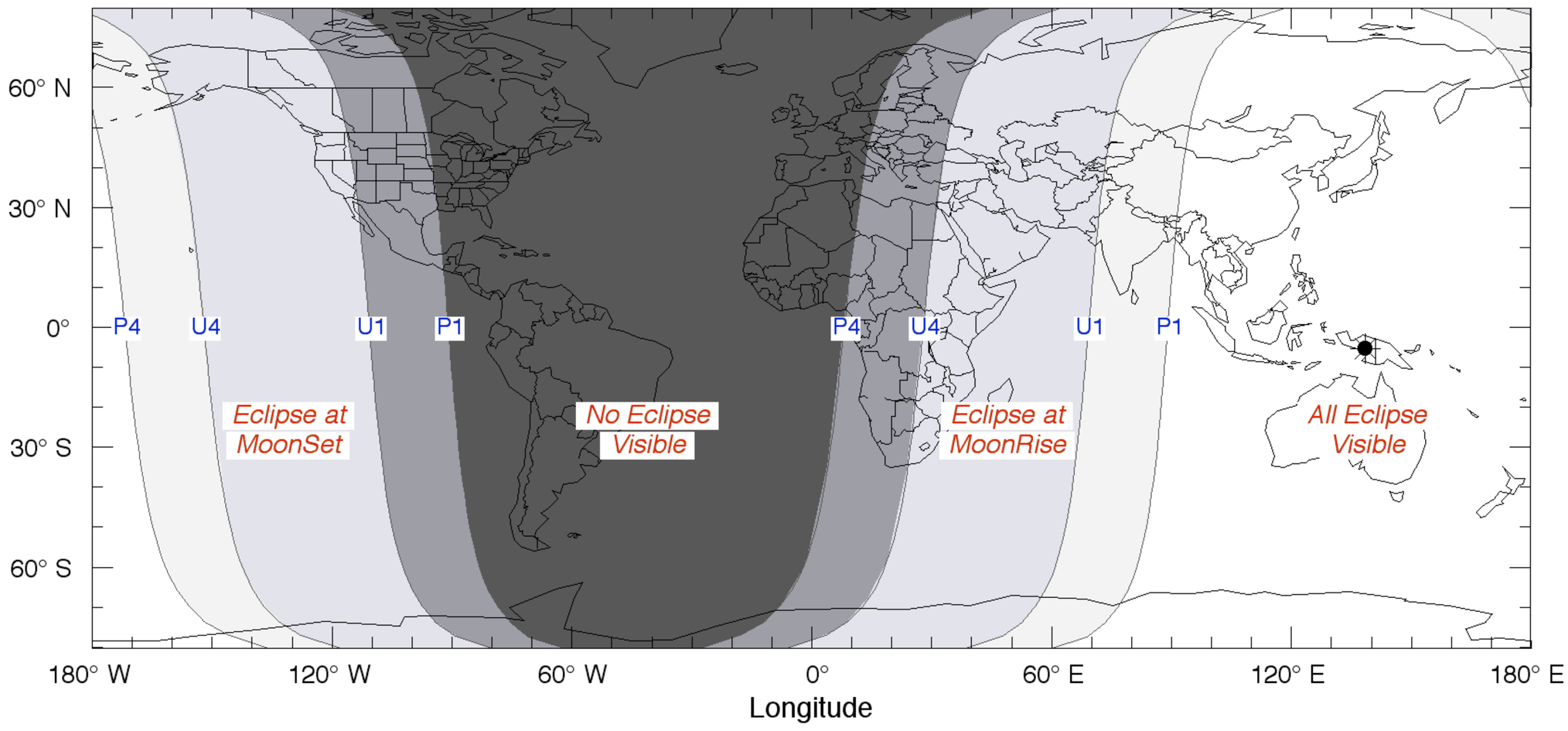
Penumbral = 05h32m50s
Umbral = 02h50m07s

<u>Eclipse Contacts</u>

P1 = 12:01:26 UT
U1 = 13:22:50 UT
U4 = 16:12:57 UT
P4 = 17:34:17 UT

ΔT = 10202 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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



2009 Jun 07