FIGURE 3

Partial Lunar Eclipse of 2012 Jun 04

Ecliptic Conjunction = 11:12:39.9 TD (= 11:11:33.2 UT)
Greatest Eclipse = 11:04:20.0 TD (= 11:03:13.4 UT)

Penumbral Magnitude = 1.3184 P. Radius = 1.2926° Gamma = 0.8247
Umbral Magnitude = 0.3705 U. Radius = 0.7671° Axis = 0.8389°

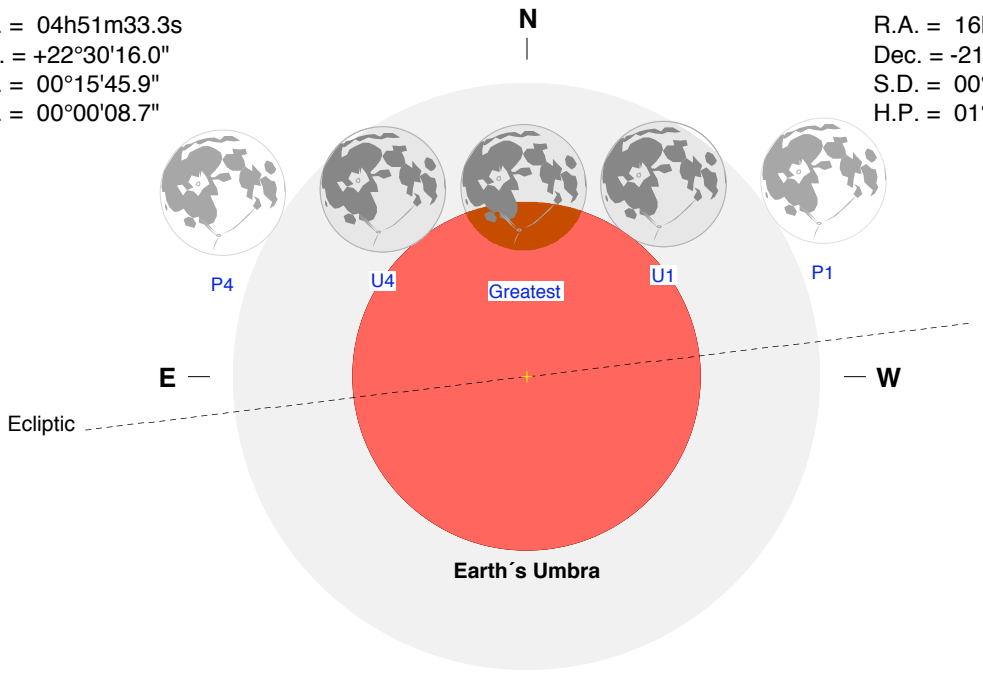
Saros Series = 140 Member = 25 of 80

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 04h51m33.3s
Dec. = +22°30'16.0"
S.D. = 00°15'45.9"
H.P. = 00°00'08.7"

Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 16h51m37.6s
Dec. = -21°39'56.5"
S.D. = 00°16'37.9"
H.P. = 01°01'02.3"



Eclipse Durations

Penumbral = 04h30m09s
Umbral = 02h06m37s

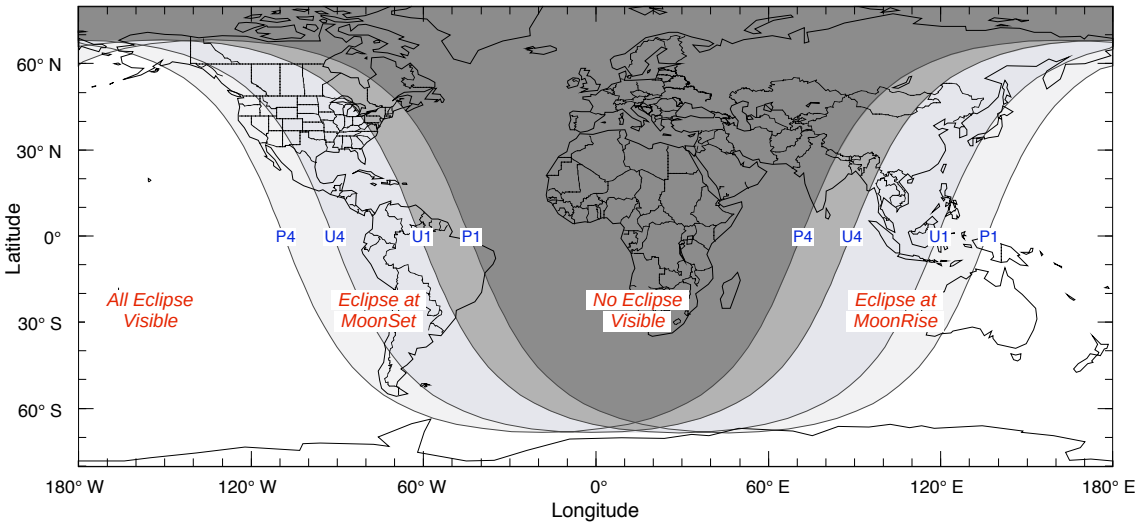
Eclipse Contacts

P1 = 08:48:09 UT
U1 = 09:59:53 UT
U4 = 12:06:30 UT
P4 = 13:18:17 UT

0 15 30 45 60
Arc-Minutes

ΔT = 67 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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



2011 Jun 07