Partial Lunar Eclipse of 2006 Sep 07

Ecliptic Conjunction = 18:43:08.3 TD (= 18:42:03.0 UT)
Greatest Eclipse = 18:52:24.5 TD (= 18:51:19.3 UT)

Penumbral Magnitude = 1.1329 P. Radius = 1.3001° Gamma = -0.9262
Umbral Magnitude = 0.1837 U. Radius = 0.7710° Axis = 0.9473°

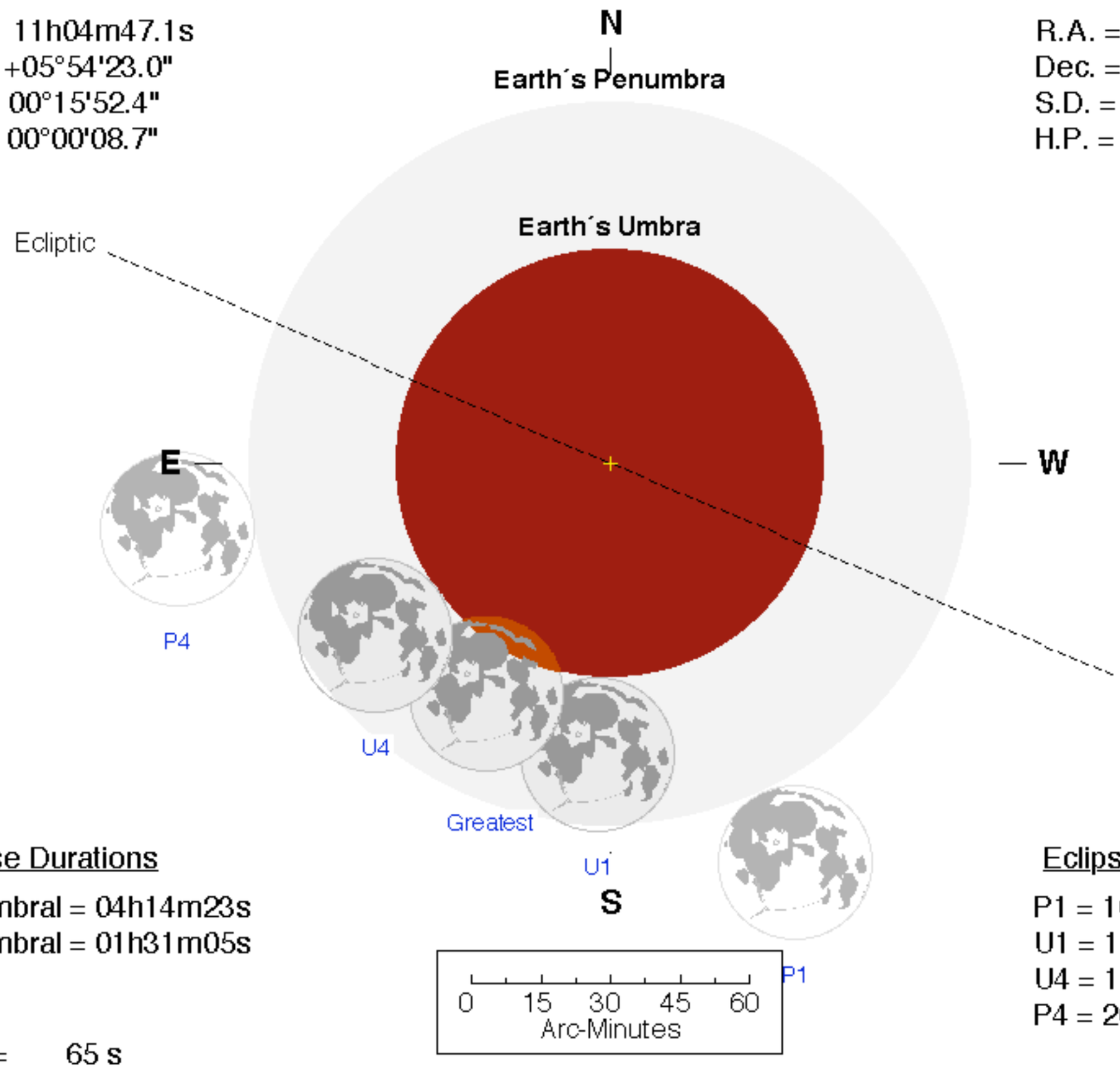
Saros Series = 118 Member = 51 of 74

Sun at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 11h04m47.1s
Dec. = +05°54'23.0"
S.D. = 00°15'52.4"
H.P. = 00°00'08.7"

Moon at Greatest Eclipse
(Geocentric Coordinates)

R.A. = 23h06m35.5s
Dec. = -06°44'25.7"
S.D. = 00°16'43.3"
H.P. = 01°01'22.3"



Eclipse Durations

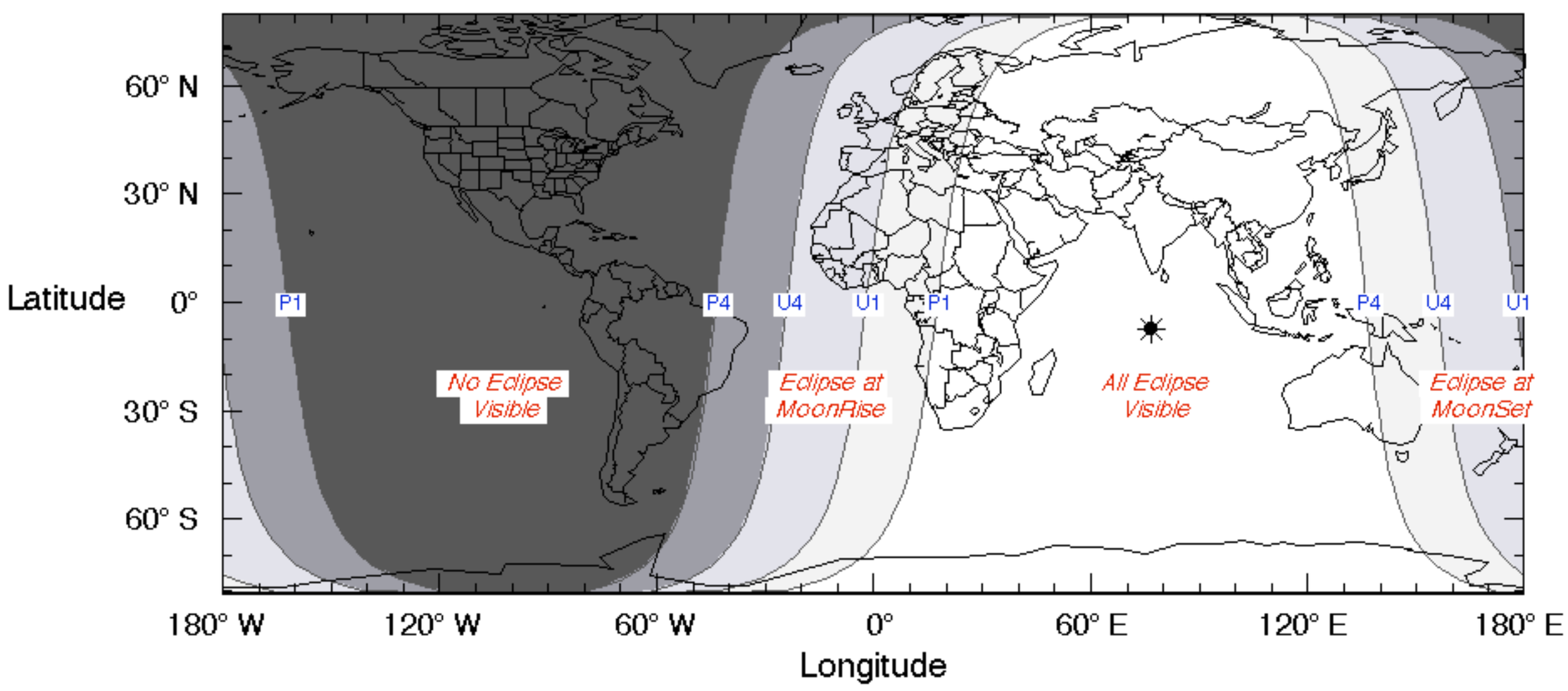
Penumbral = 04h14m23s
Umbral = 01h31m05s

Eclipse Contacts

P1 = 16:44:07 UT
U1 = 18:05:47 UT
U4 = 19:36:53 UT
P4 = 20:58:30 UT

ΔT = 65 s
Rule = CdT (Danjon)
Eph. = VSOP87/ELP2000-85

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



2009 Apr 17