

# 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"

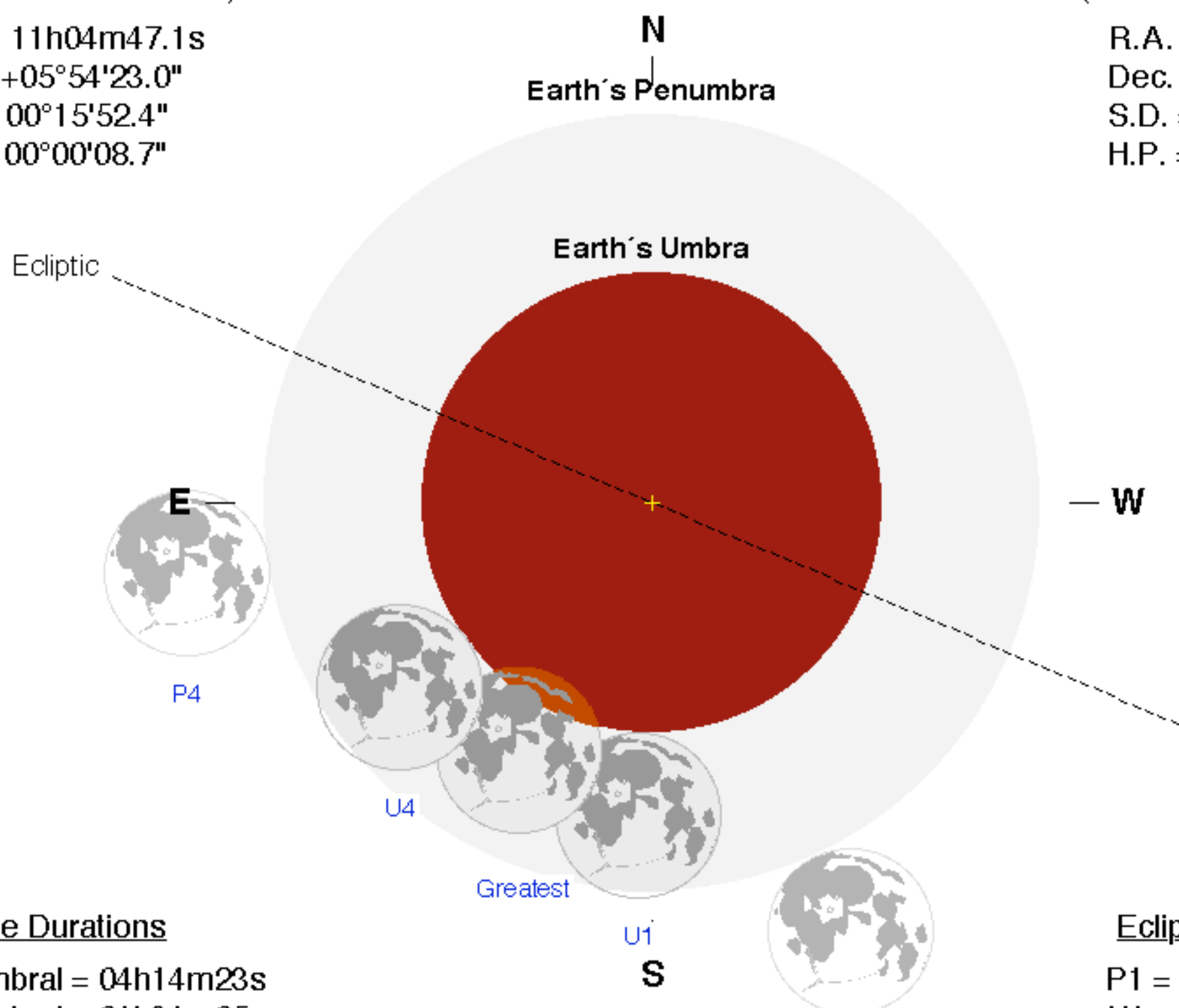
## Moon at Greatest Eclipse (Geocentric Coordinates)

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

$\Delta T = 65$  s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

[eclipse.gsfc.nasa.gov/eclipse.html](http://eclipse.gsfc.nasa.gov/eclipse.html)

