

# Penumbral Lunar Eclipse of 1937 May 25

Ecliptic Conjunction = 07:37:58.6 TD (= 07:37:34.7 UT)

Greatest Eclipse = 07:51:34.2 TD (= 07:51:10.3 UT)

Penumbral Magnitude = 0.7697

P. Radius = 1.1746°

Gamma = -1.1581

Umbral Magnitude = -0.3033

U. Radius = 0.6483°

Axis = 1.0423°

Saros Series = 110

Member = 67 of 72

## Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 04h06m39.7s

Dec. = +20°53'38.5"

S.D. = 00°15'47.3"

H.P. = 00°00'08.7"

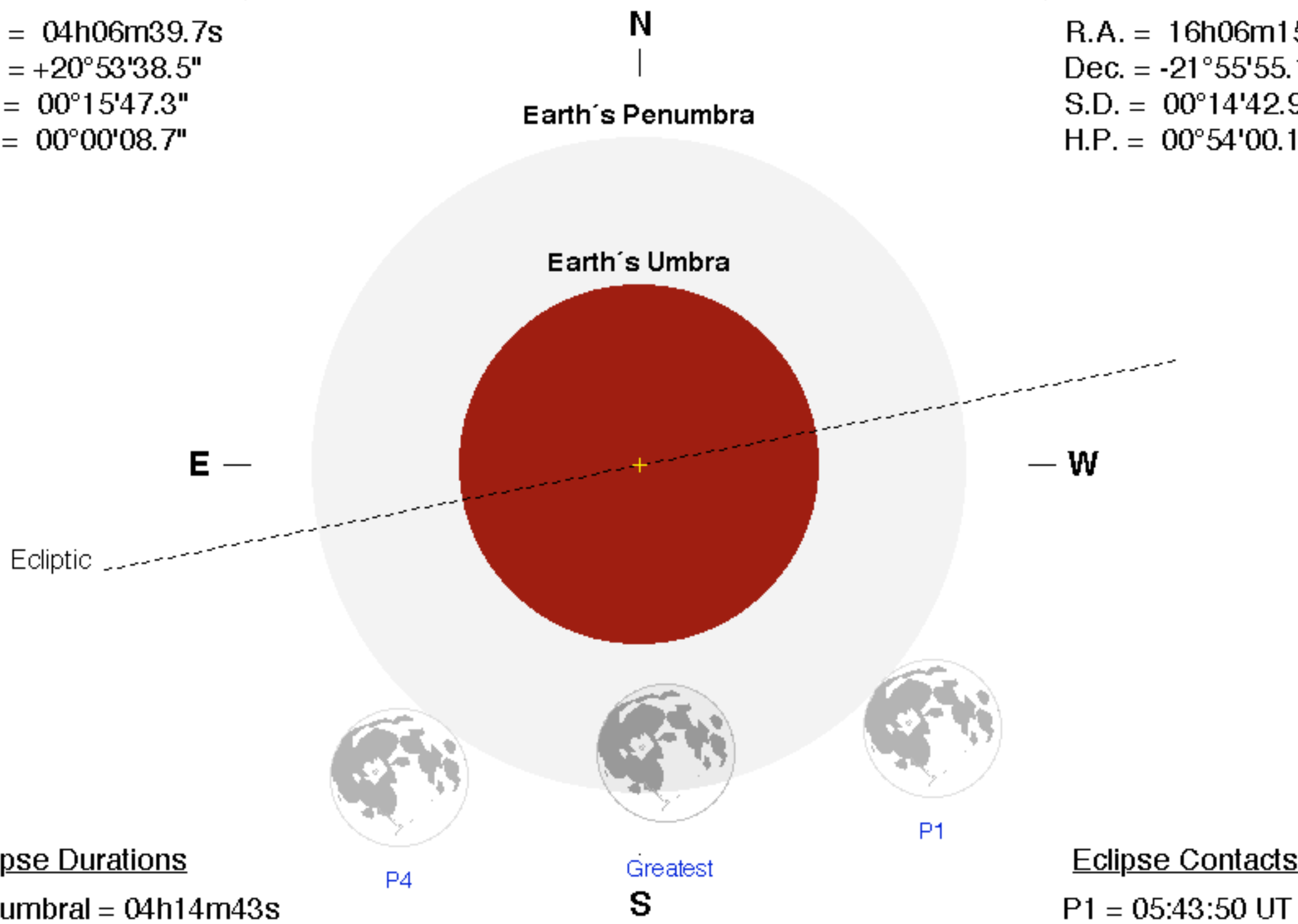
## Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h06m15.0s

Dec. = -21°55'55.1"

S.D. = 00°14'42.9"

H.P. = 00°54'00.1"



## Eclipse Durations

Penumbral = 04h14m43s

## Eclipse Contacts

P1 = 05:43:50 UT

P4 = 09:58:33 UT

$\Delta T = 24 \text{ s}$

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)

