

Penumbral Lunar Eclipse of 1908 Dec 07

Ecliptic Conjunction = 21:44:05.1 TD (= 21:43:56.2 UT)

Greatest Eclipse = 21:55:09.2 TD (= 21:55:00.3 UT)

Penumbral Magnitude = 1.0344

P. Radius = 1.2342°

Gamma = -1.0059

Umbral Magnitude = -0.0096

U. Radius = 0.6929°

Axis = 0.9571°

Saros Series = 114 Member = 53 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h56m43.8s

Dec. = -22°39'16.0"

S.D. = 00°16'14.4"

H.P. = 00°00'08.9"

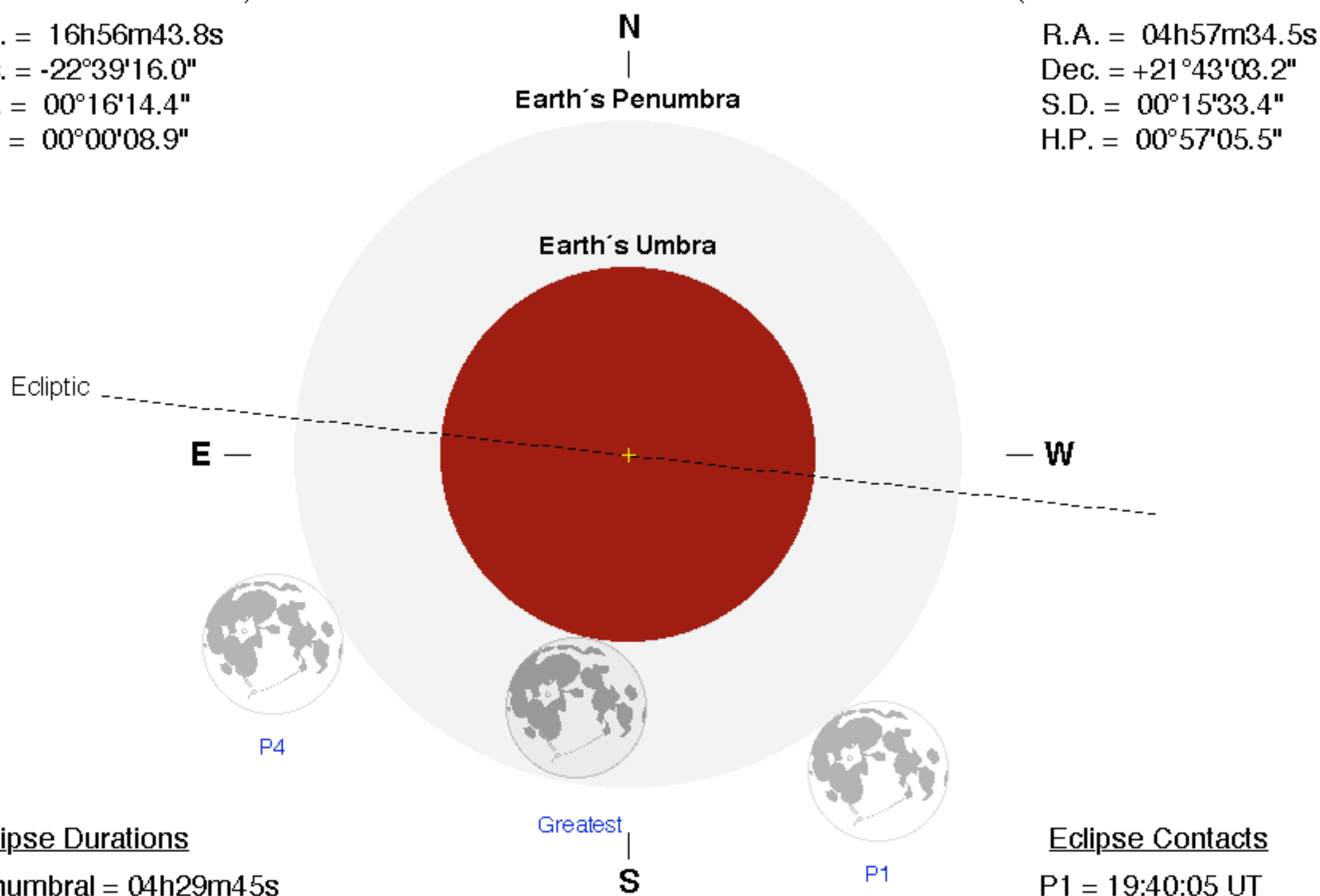
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 04h57m34.5s

Dec. = +21°43'03.2"

S.D. = 00°15'33.4"

H.P. = 00°57'05.5"



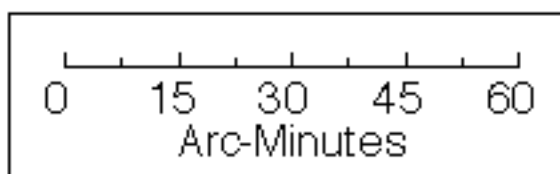
Eclipse Durations

Penumbral = 04h29m45s

Eclipse Contacts

P1 = 19:40:05 UT

P4 = 00:09:50 UT



$\Delta T = 9$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

