

Penumbral Lunar Eclipse of 1922 Oct 06

Ecliptic Conjunction = 00:58:21.4 TD (= 00:57:58.4 UT)

Greatest Eclipse = 00:43:50.1 TD (= 00:43:27.1 UT)

Penumbral Magnitude = 0.6358

P. Radius = 1.1789°

Gamma = -1.2348

Umbral Magnitude = -0.4508

U. Radius = 0.6455°

Axis = 1.1122°

Saros Series = 145 Member = 6 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h44m04.0s

Dec. = -04°44'16.0"

S.D. = 00°16'00.1"

H.P. = 00°00'08.8"

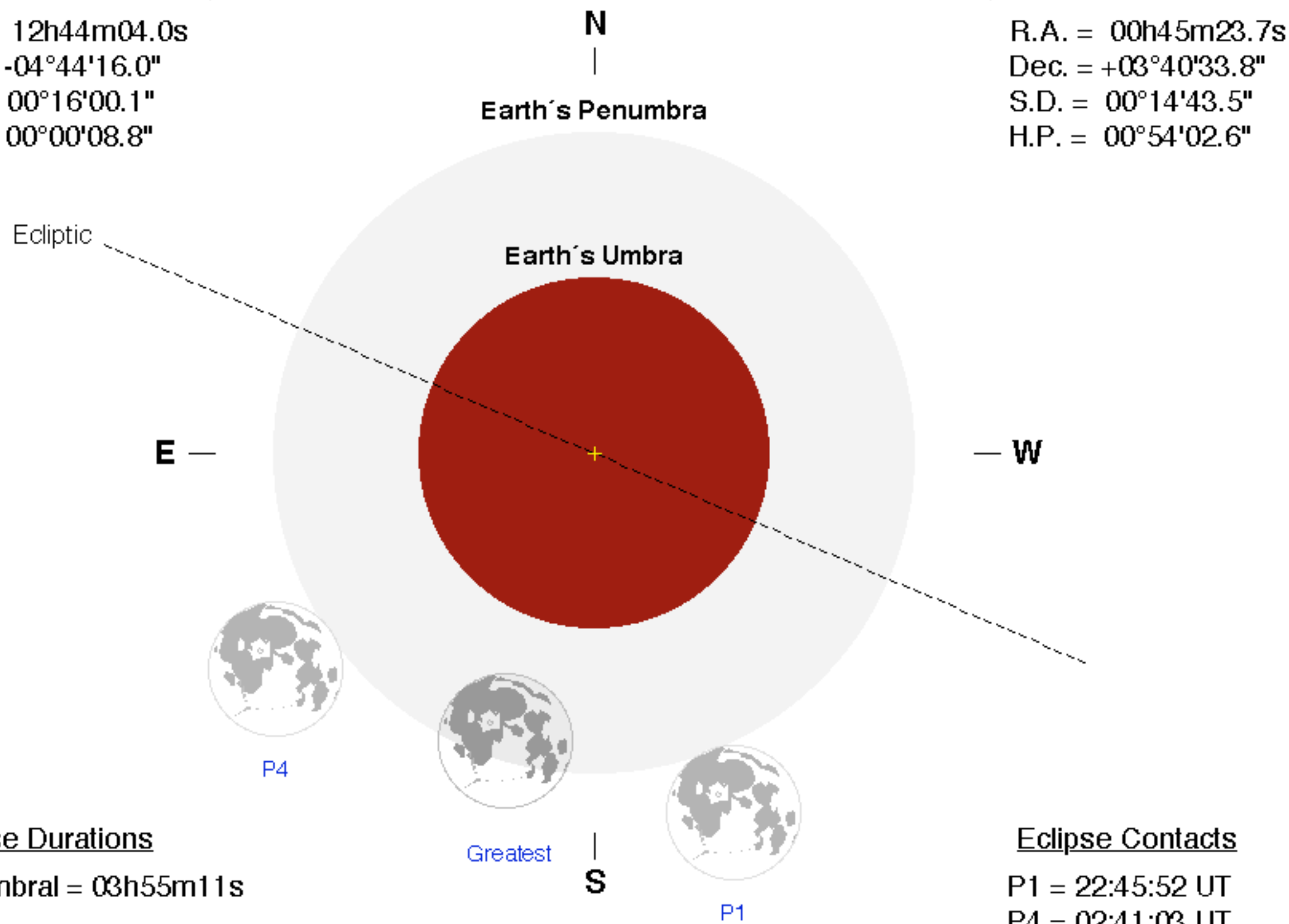
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h45m23.7s

Dec. = +03°40'33.8"

S.D. = 00°14'43.5"

H.P. = 00°54'02.6"



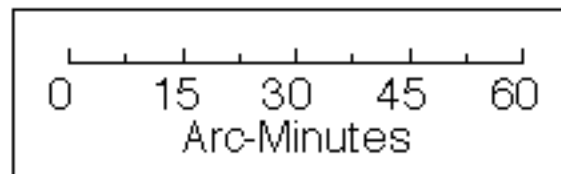
Eclipse Durations

Penumbral = 03h55m11s

Eclipse Contacts

P1 = 22:45:52 UT

P4 = 02:41:03 UT



$\Delta T = 23$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

