

Penumbral Lunar Eclipse of 1958 Oct 27

Ecliptic Conjunction = 15:41:31.6 TD (= 15:40:59.0 UT)

Greatest Eclipse = 15:27:49.9 TD (= 15:27:17.3 UT)

Penumbral Magnitude = 0.7825

P. Radius = 1.1795°

Gamma = -1.1570

Umbral Magnitude = -0.3118

U. Radius = 0.6429°

Axis = 1.0410°

Saros Series = 145 Member = 8 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 14h05m52.4s

Dec. = -12°45'16.4"

S.D. = 00°16'05.8"

H.P. = 00°00'08.9"

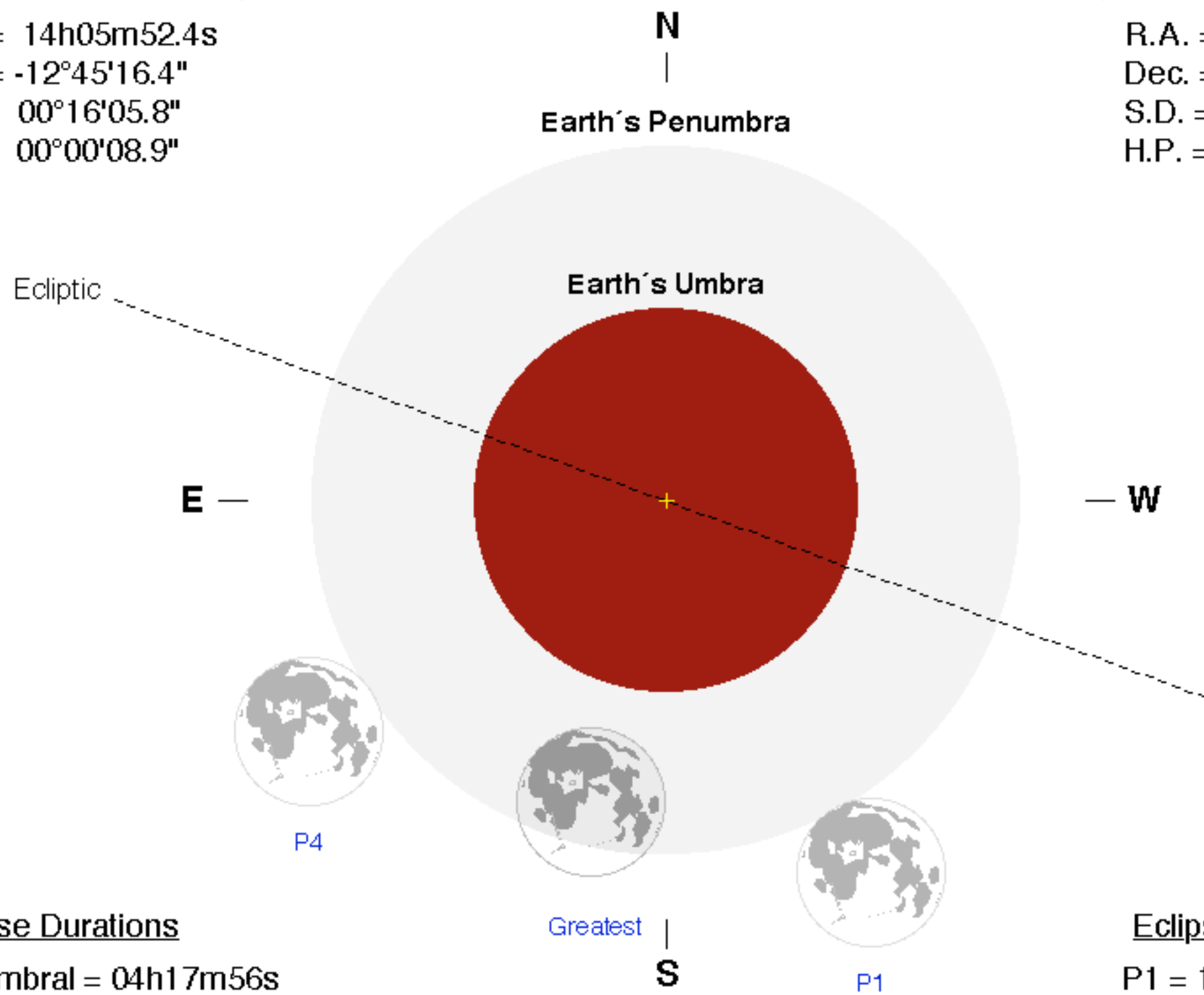
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 02h06m54.9s

Dec. = +11°44'42.2"

S.D. = 00°14'42.6"

H.P. = 00°53'59.2"



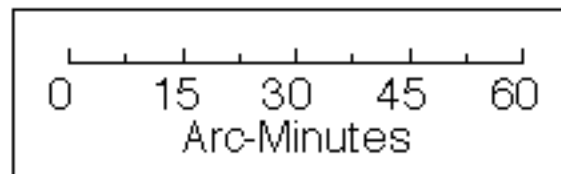
Eclipse Durations

Penumbral = 04h17m56s

Eclipse Contacts

P1 = 13:18:19 UT

P4 = 17:36:15 UT



$\Delta T = 33$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

