

Penumbral Lunar Eclipse of 1962 Feb 19

Ecliptic Conjunction = 13:18:27.5 TD (= 13:17:53.5 UT)

Greatest Eclipse = 13:03:42.3 TD (= 13:03:08.2 UT)

Penumbral Magnitude = 0.6120

P. Radius = 1.1819°

Gamma = 1.2511

Umbral Magnitude = -0.4865

U. Radius = 0.6426°

Axis = 1.1269°

Saros Series = 142

Member = 15 of 74

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 22h09m56.0s

Dec. = -11°19'42.0"

S.D. = 00°16'10.7"

H.P. = 00°00'08.9"

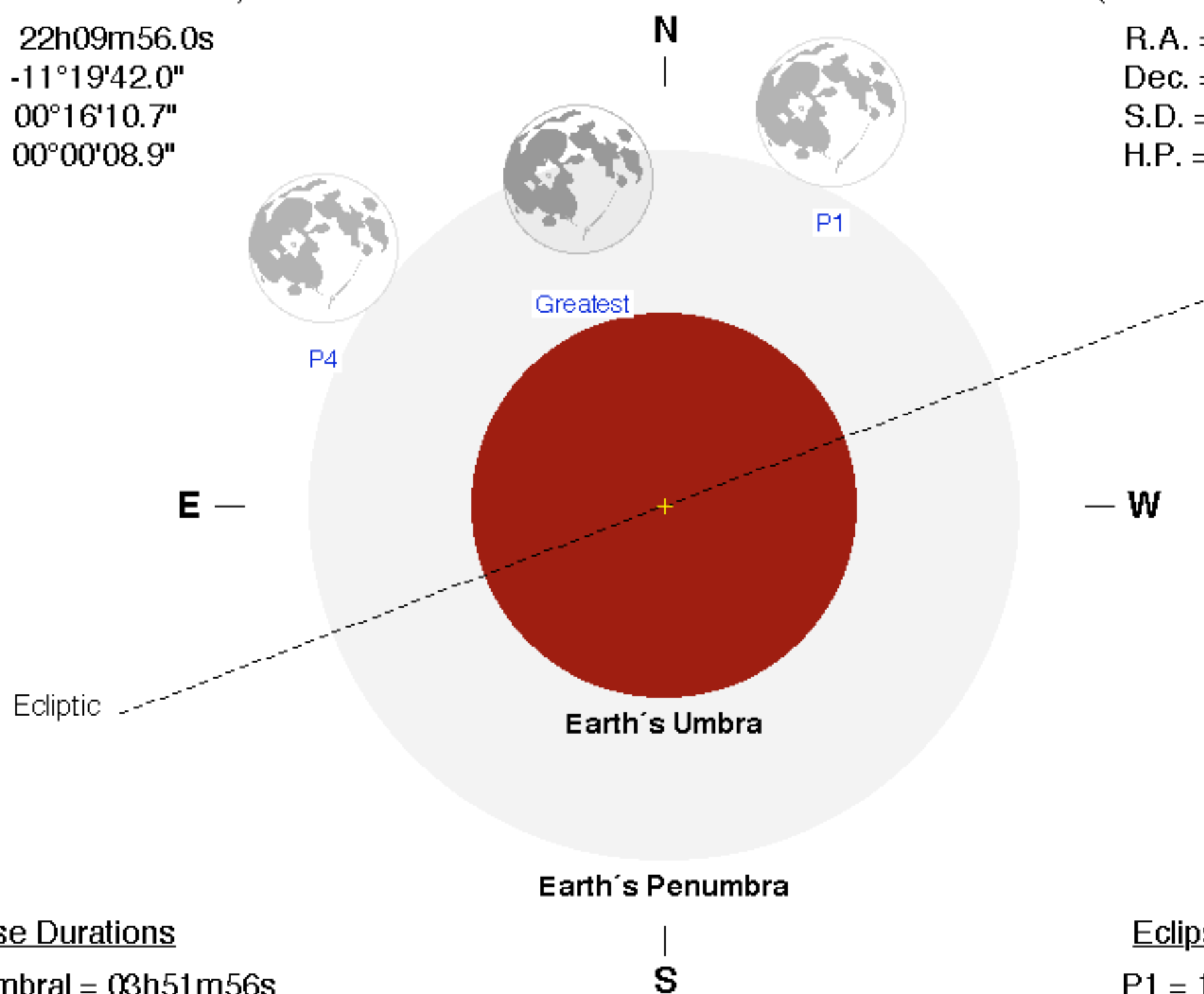
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 10h11m07.7s

Dec. = +12°24'59.9"

S.D. = 00°14'43.6"

H.P. = 00°54'02.8"



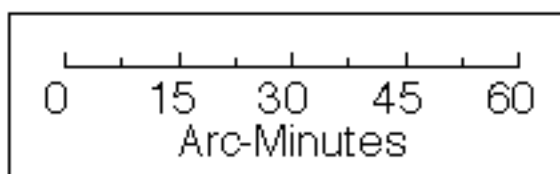
Eclipse Durations

Penumbral = 03h51m56s

Eclipse Contacts

P1 = 11:07:08 UT

P4 = 14:59:04 UT



$\Delta T = 34$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

