

Penumbral Lunar Eclipse of 1919 May 15

Ecliptic Conjunction = 01:01:15.6 TD (= 01:00:54.7 UT)

Greatest Eclipse = 01:13:59.9 TD (= 01:13:39.0 UT)

Penumbral Magnitude = 0.9103

P. Radius = 1.1756°

Gamma = -1.0820

Umbral Magnitude = -0.1644

U. Radius = 0.6482°

Axis = 0.9743°

Saros Series = 110

Member = 66 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 03h23m04.4s

Dec. = +18°34'16.4"

S.D. = 00°15'49.3"

H.P. = 00°00'08.7"

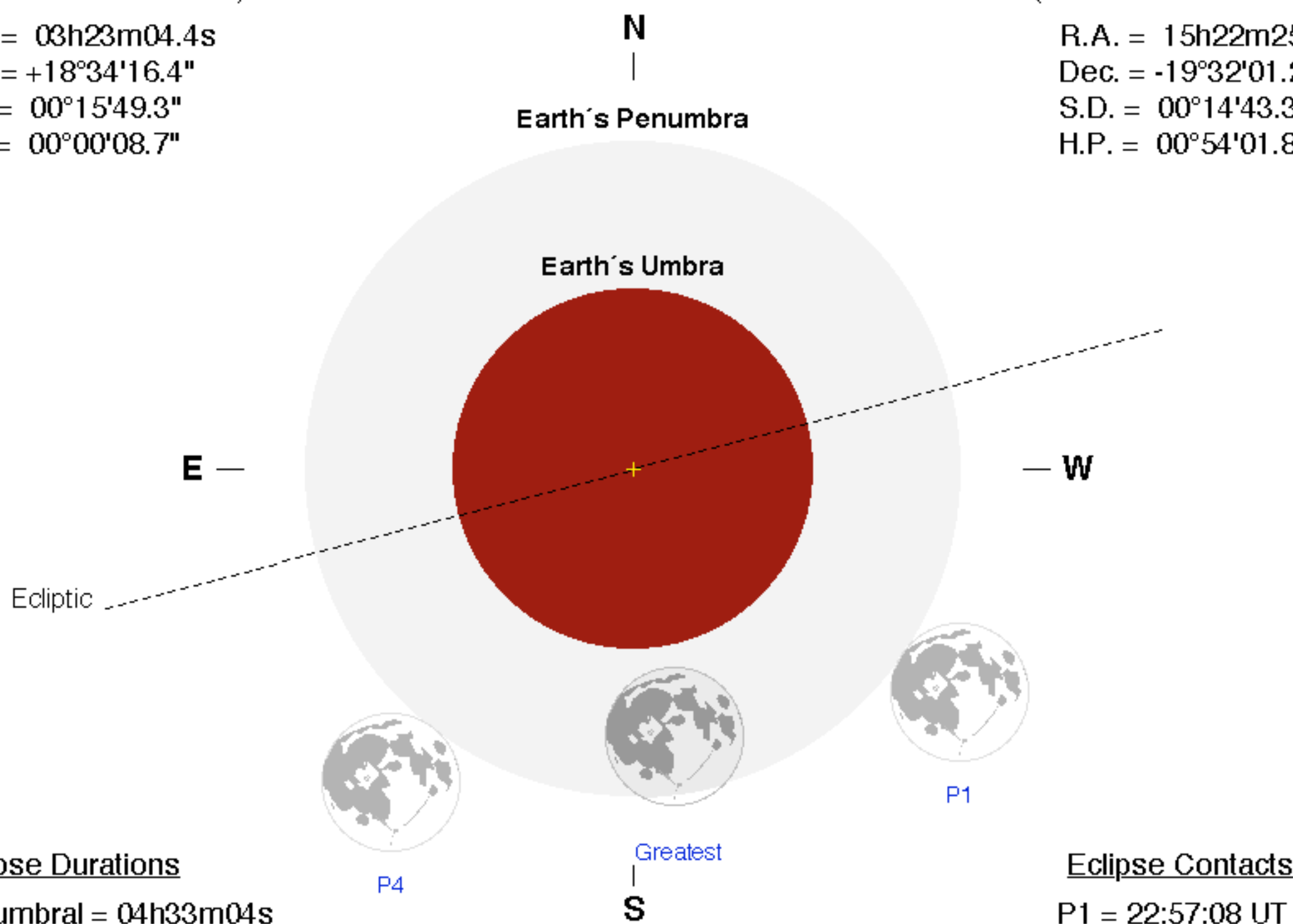
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 15h22m25.9s

Dec. = -19°32'01.2"

S.D. = 00°14'43.3"

H.P. = 00°54'01.8"



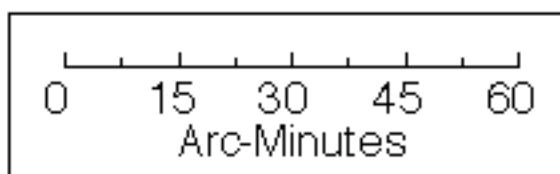
Eclipse Durations

Penumbral = 04h33m04s

Eclipse Contacts

P1 = 22:57:08 UT

P4 = 03:30:12 UT



$\Delta T = 21$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

