

Penumbral Lunar Eclipse of 2034 Apr 03

Ecliptic Conjunction = 19:20:04.4 TD (= 19:18:43.9 UT)

Greatest Eclipse = 19:06:59.2 TD (= 19:05:38.8 UT)

Penumbral Magnitude = 0.8545

P. Radius = 1.1824°

Gamma = 1.1144

Umbral Magnitude = -0.2274

U. Radius = 0.6492°

Axis = 1.0077°

Saros Series = 142

Member = 19 of 74

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h51m54.0s

Dec. = +05°33'29.1"

S.D. = 00°15'59.8"

H.P. = 00°00'08.8"

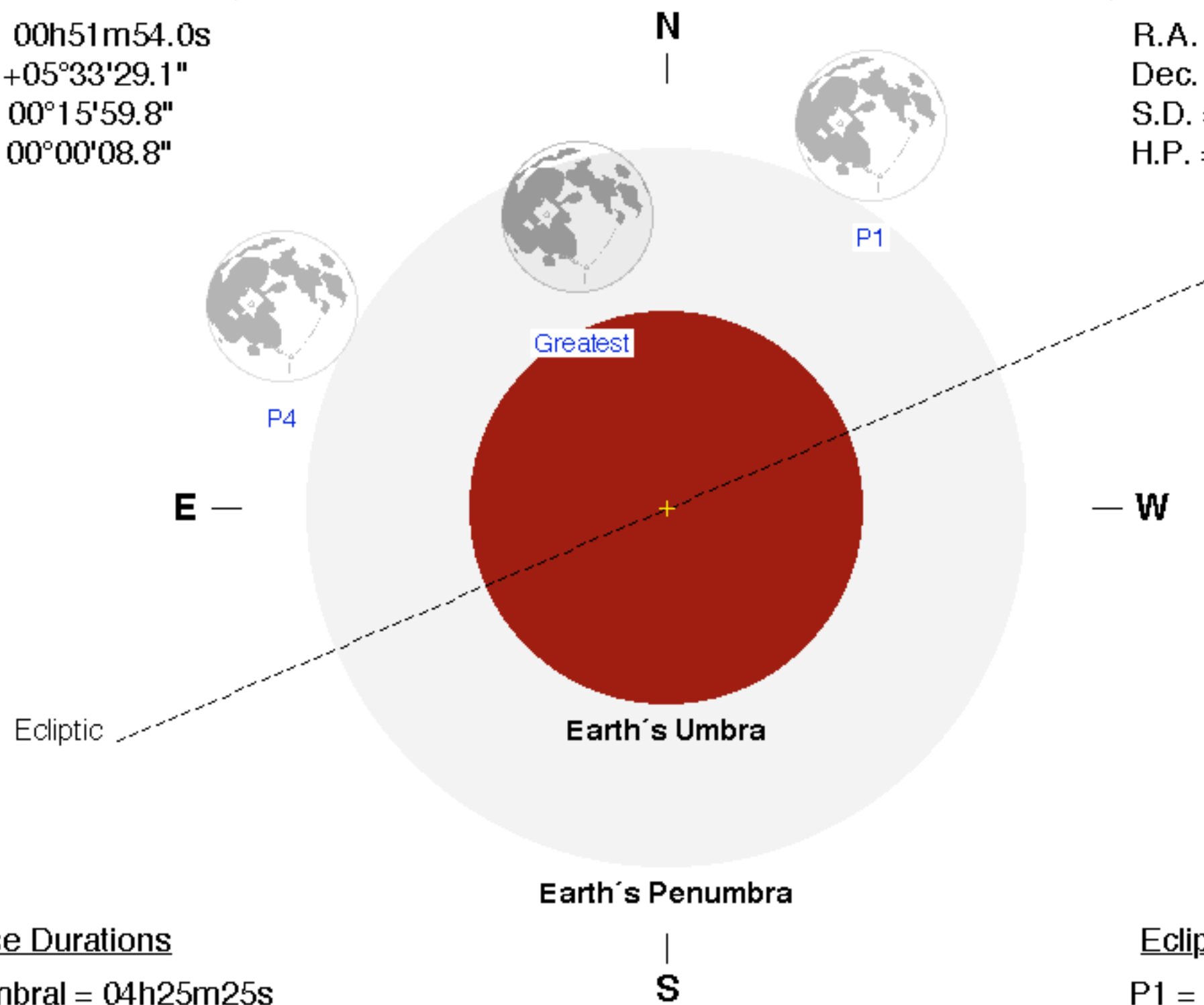
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h53m05.6s

Dec. = -04°35'42.2"

S.D. = 00°14'47.1"

H.P. = 00°54'15.6"



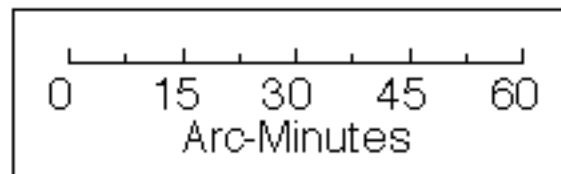
Eclipse Durations

Penumbral = 04h25m25s

Eclipse Contacts

P1 = 16:52:54 UT

P4 = 21:18:19 UT



$\Delta T = 80$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

