

Penumbral Lunar Eclipse of 2024 Mar 25

Ecliptic Conjunction = 07:01:28.5 TD (= 07:00:14.6 UT)

Greatest Eclipse = 07:13:59.2 TD (= 07:12:45.2 UT)

Penumbral Magnitude = 0.9557

P. Radius = 1.1803°

Gamma = 1.0609

Umbral Magnitude = -0.1325

U. Radius = 0.6457°

Axis = 0.9564°

Saros Series = 113

Member = 64 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 00h18m49.9s

Dec. = +02°02'16.6"

S.D. = 00°16'02.2"

H.P. = 00°00'08.8"

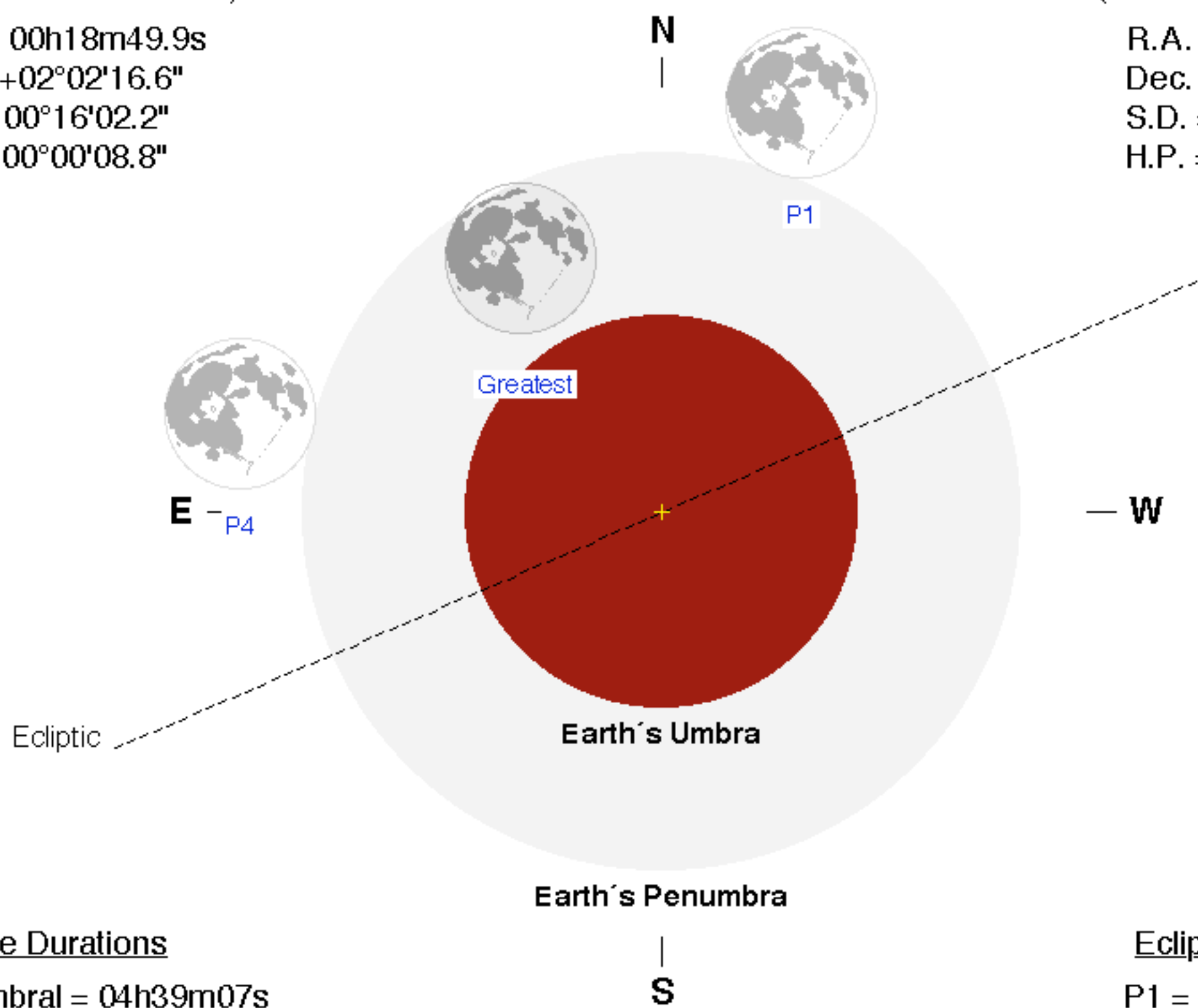
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 12h20m41.3s

Dec. = -01°12'05.4"

S.D. = 00°14'44.3"

H.P. = 00°54'05.4"



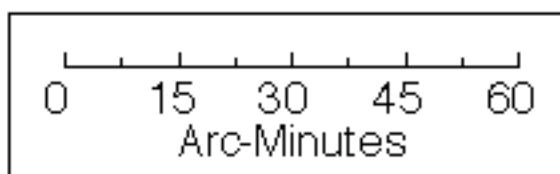
Eclipse Durations

Penumbral = 04h39m07s

Eclipse Contacts

P1 = 04:53:11 UT

P4 = 09:32:18 UT



$\Delta T = 74$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

