

Penumbral Lunar Eclipse of 1966 May 04

Ecliptic Conjunction = 21:01:04.4 TD (= 21:00:27.6 UT)

Greatest Eclipse = 21:12:06.2 TD (= 21:11:29.3 UT)

Penumbral Magnitude = 0.9157

P. Radius = 1.2579°

Gamma = 1.0553

Umbral Magnitude = -0.0728

U. Radius = 0.7293°

Axis = 1.0356°

Saros Series = 111 Member = 64 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 02h45m54.8s

Dec. = +16°01'34.2"

S.D. = 00°15'51.5"

H.P. = 00°00'08.7"

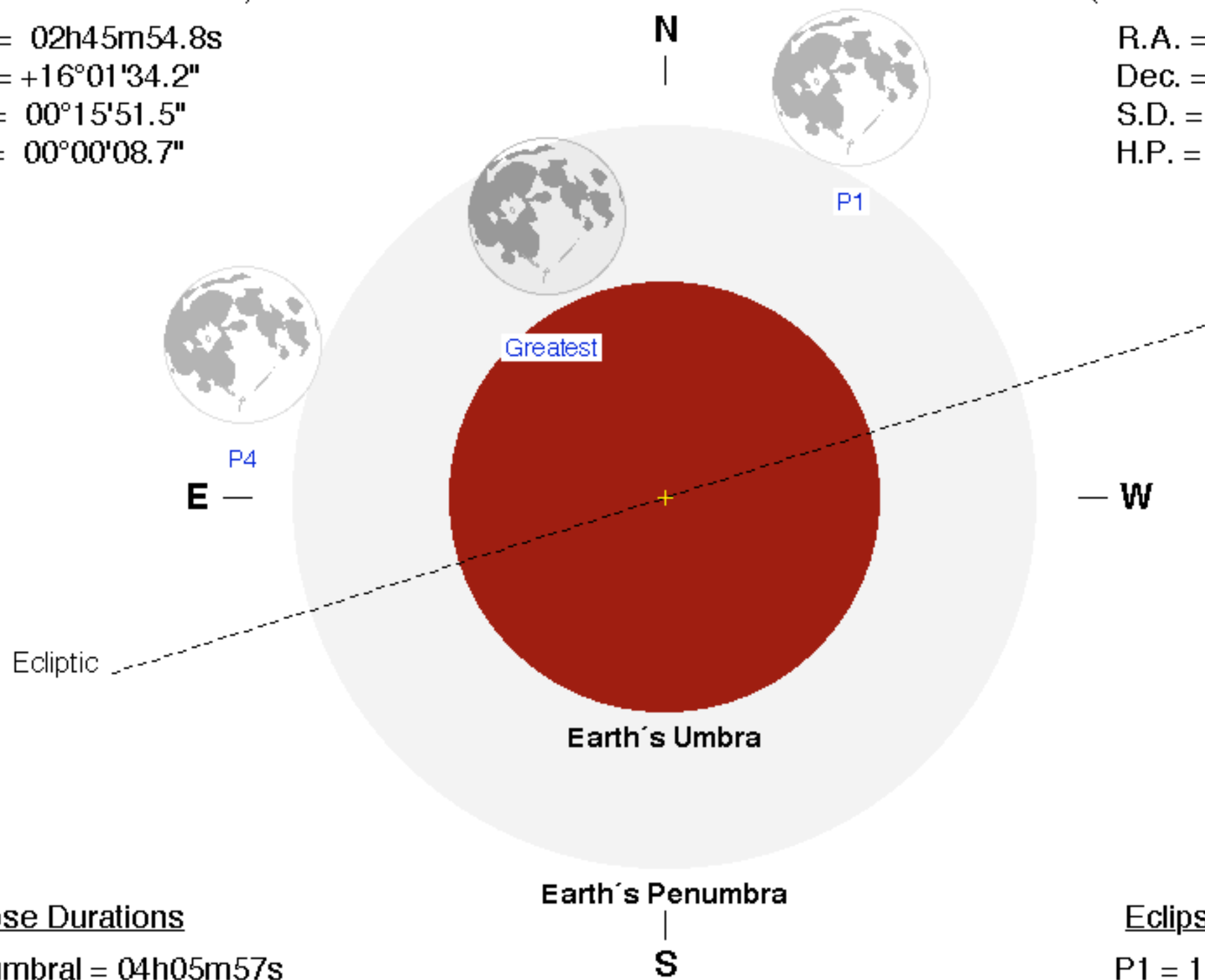
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 14h47m34.9s

Dec. = -15°04'17.8"

S.D. = 00°16'02.6"

H.P. = 00°58'52.9"



Eclipse Durations

Penumbral = 04h05m57s

Eclipse Contacts

P1 = 19:08:27 UT

P4 = 23:14:24 UT

$\Delta T = 37$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

