

Penumbral Lunar Eclipse of 2096 Jun 06

Ecliptic Conjunction = 03:01:32.2 TD (= 02:58:18.1 UT)

Greatest Eclipse = 02:43:41.4 TD (= 02:40:27.2 UT)

Penumbral Magnitude = 0.0047

P. Radius = 1.1812°

Gamma = -1.5723

Umbral Magnitude = -1.0584

U. Radius = 0.6557°

Axis = 1.4260°

Saros Series = 151 Member = 1 of 71

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 05h01m12.3s

Dec. = +22°44'25.0"

S.D. = 00°15'45.8"

H.P. = 00°00'08.7"

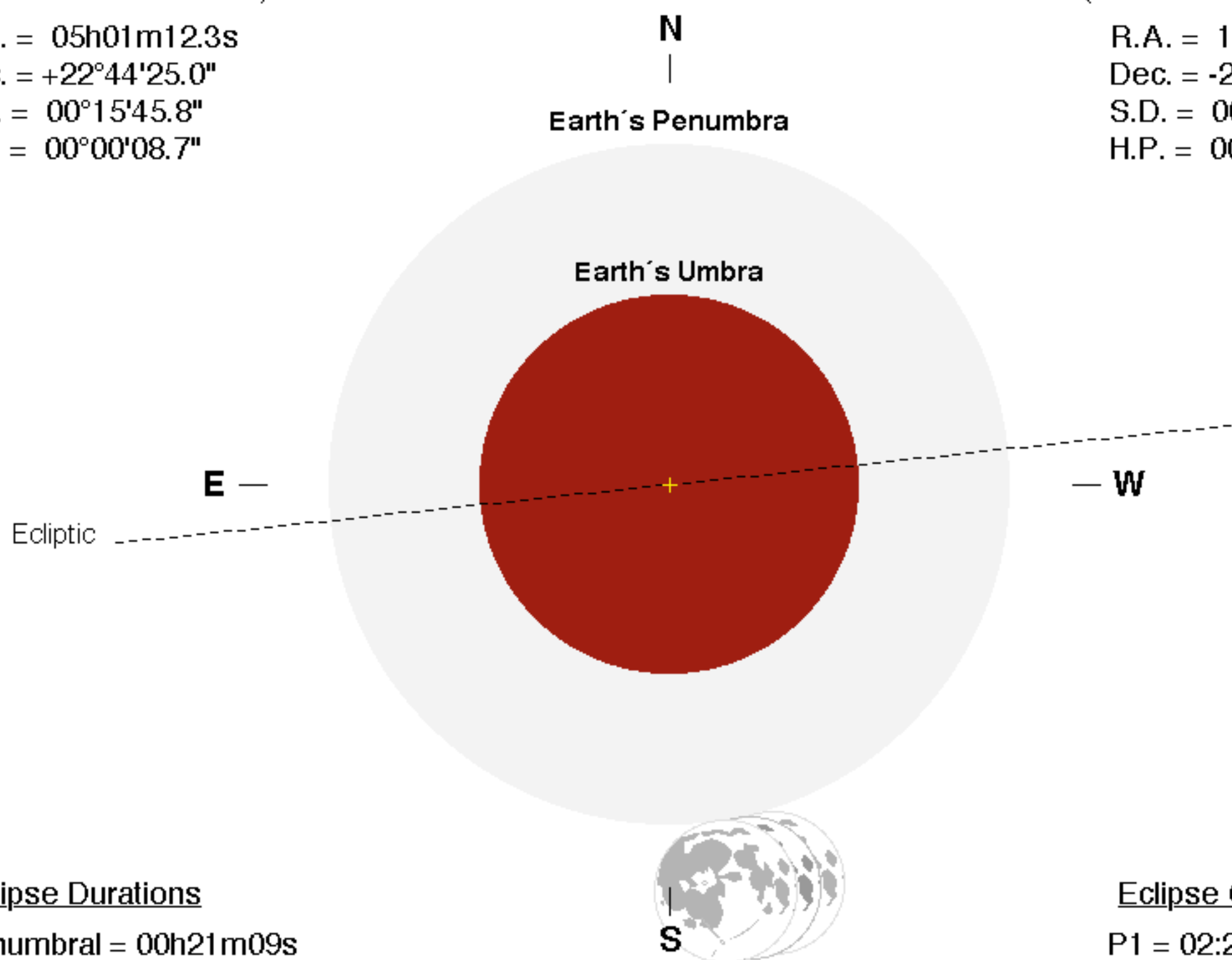
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h59m58.9s

Dec. = -24°08'18.6"

S.D. = 00°14'49.7"

H.P. = 00°54'25.1"



Eclipse Durations

Penumbral = 00h21m09s

Eclipse Contacts

P1 = 02:29:58 UT

P4 = 02:51:07 UT

$\Delta T = 194$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC
eclipse.gsfc.nasa.gov/eclipse.html

