

Penumbral Lunar Eclipse of 2085 Jun 08

Ecliptic Conjunction = 02:04:32.5 TD (= 02:01:43.6 UT)

Greatest Eclipse = 02:17:36.2 TD (= 02:14:47.3 UT)

Penumbral Magnitude = 0.5065

P. Radius = 1.2641°

Gamma = -1.2745

Umbral Magnitude = -0.4682

U. Radius = 0.7387°

Axis = 1.2606°

Saros Series = 112

Member = 69 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 05h08m01.1s

Dec. = +22°53'26.2"

S.D. = 00°15'45.6"

H.P. = 00°00'08.7"

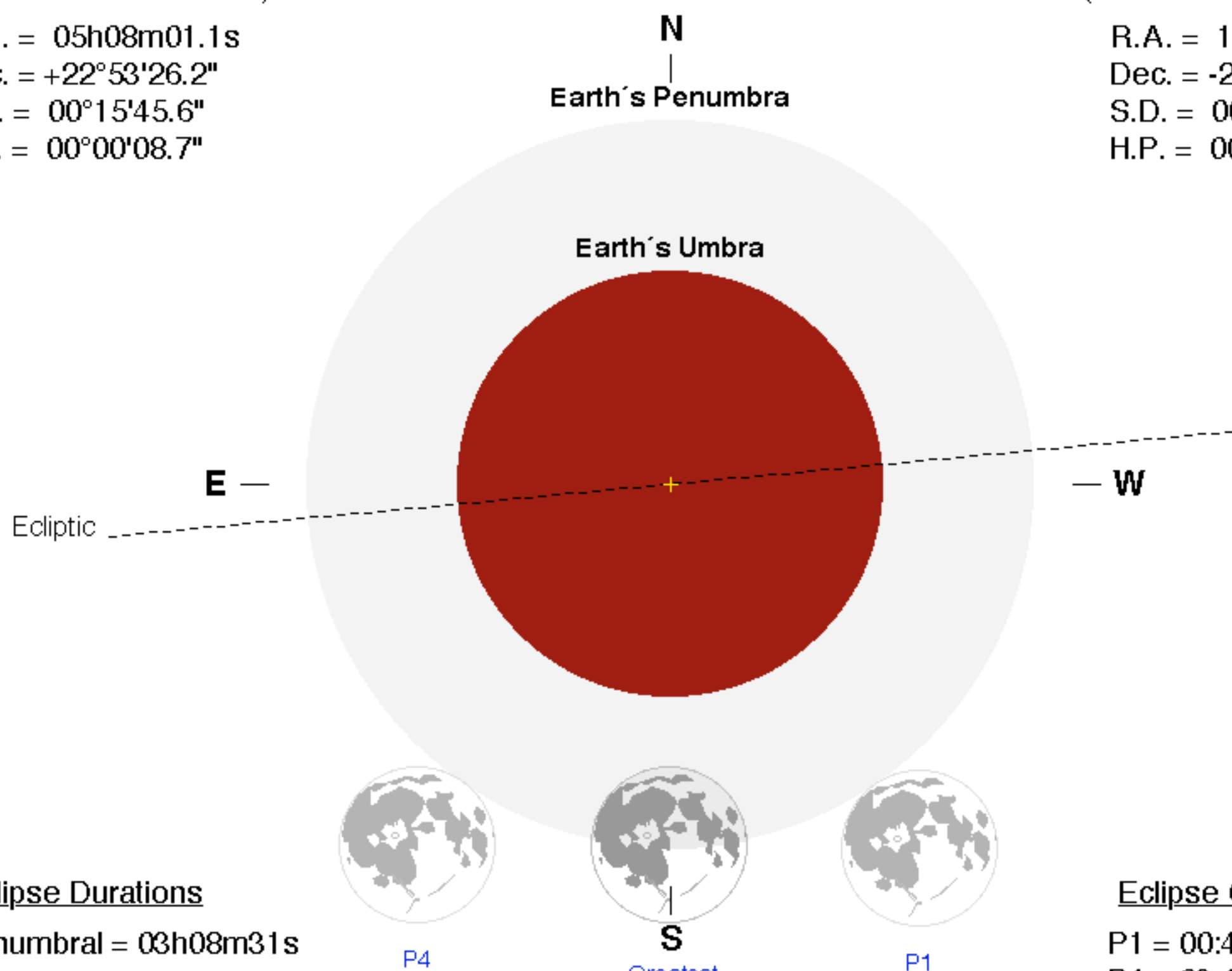
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 17h08m03.2s

Dec. = -24°09'04.5"

S.D. = 00°16'10.2"

H.P. = 00°59'20.7"



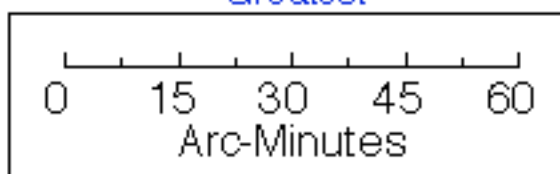
Eclipse Durations

Penumbral = 03h08m31s

Eclipse Contacts

P1 = 00:40:37 UT

P4 = 03:49:08 UT



$\Delta T = 169$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

