

Penumbral Lunar Eclipse of 2056 Jul 26

Ecliptic Conjunction = 18:56:06.1 TD (= 18:54:19.8 UT)

Greatest Eclipse = 18:43:24.4 TD (= 18:41:38.1 UT)

Penumbral Magnitude = 0.6435

P. Radius = 1.2452°

Gamma = -1.2048

Umbral Magnitude = -0.3489

U. Radius = 0.7203°

Axis = 1.1693°

Saros Series = 149

Member = 5 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 08h27m22.5s

Dec. = +19°07'40.1"

S.D. = 00°15'44.9"

H.P. = 00°00'08.7"

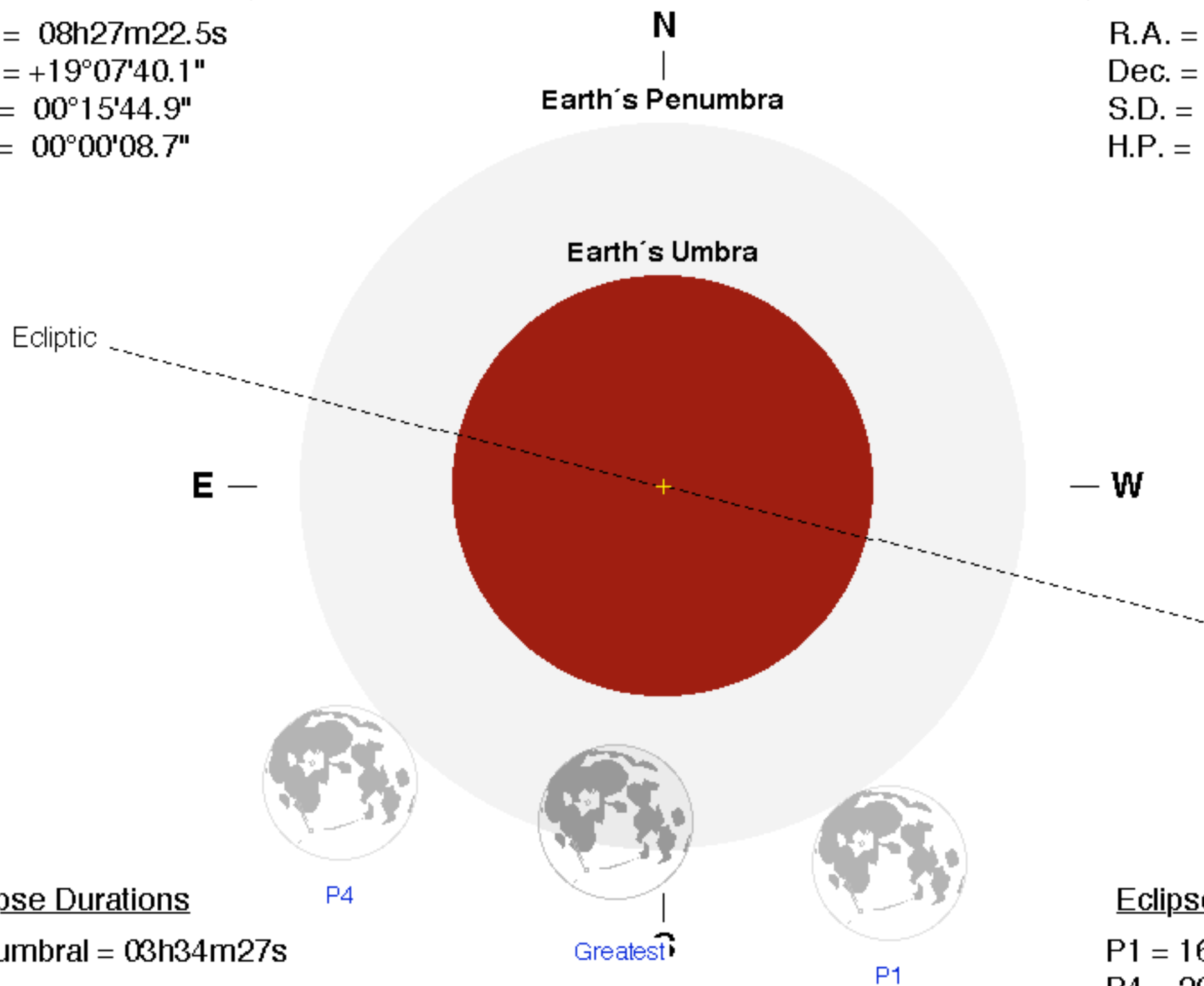
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 20h28m05.5s

Dec. = -20°17'05.8"

S.D. = 00°15'52.1"

H.P. = 00°58'14.4"



Eclipse Durations

Penumbral = 03h34m27s

Eclipse Contacts

P1 = 16:54:20 UT

P4 = 20:28:46 UT

$\Delta T = 106$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

