

Partial Lunar Eclipse of 2039 Jun 06

Ecliptic Conjunction = 18:48:54.0 TD (= 18:47:29.8 UT)

Greatest Eclipse = 18:54:25.4 TD (= 18:53:01.2 UT)

Penumbral Magnitude = 1.8272

P. Radius = 1.2982°

Gamma = 0.5460

Umbral Magnitude = 0.8846

U. Radius = 0.7728°

Axis = 0.5584°

Saros Series = 121

Member = 57 of 84

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 04h58m56.4s

Dec. = +22°41'33.9"

S.D. = 00°15'45.7"

H.P. = 00°00'08.7"

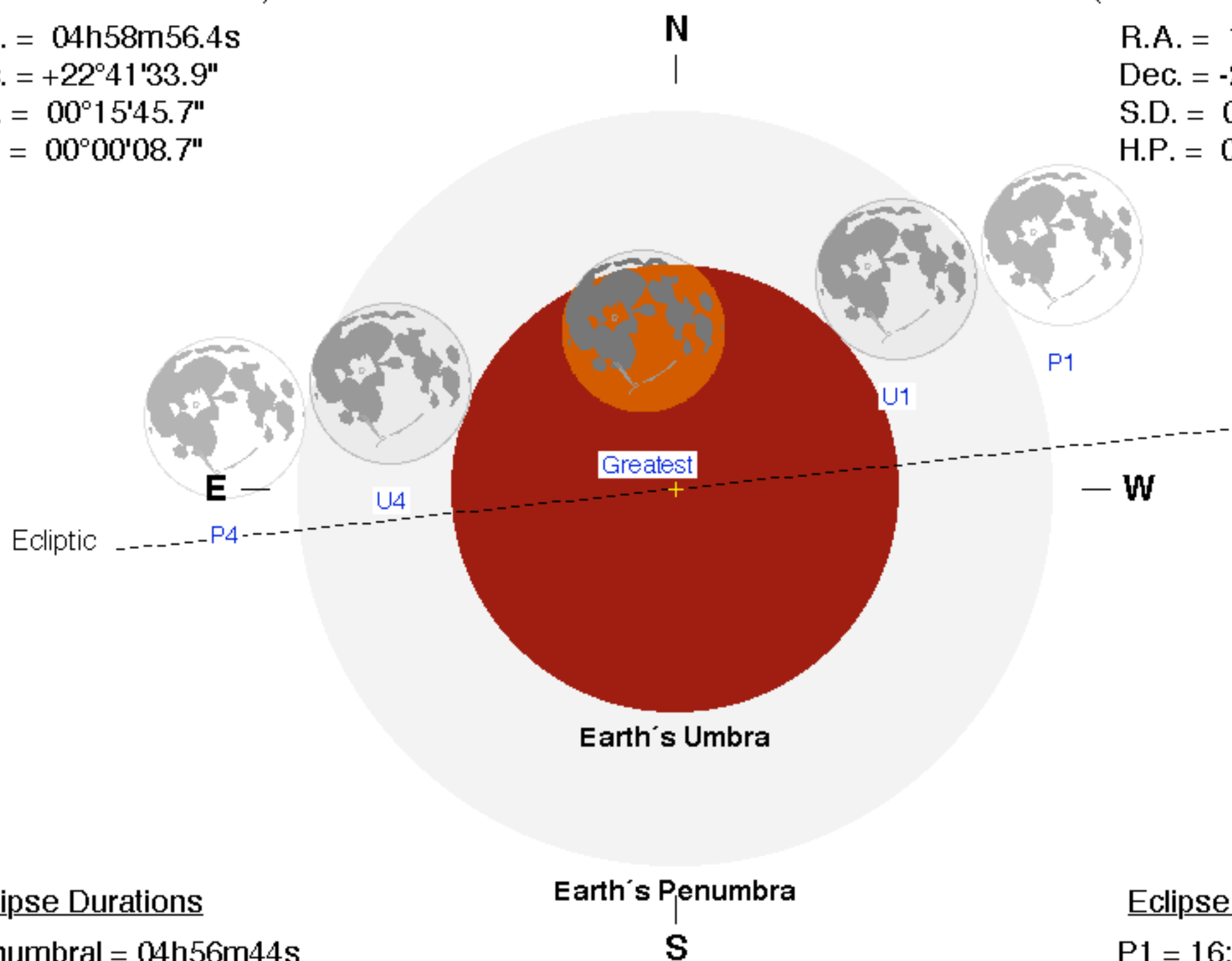
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 16h59m25.6s

Dec. = -22°08'44.6"

S.D. = 00°16'43.4"

H.P. = 01°01'22.4"



Eclipse Durations

Penumbral = 04h56m44s

Umbral = 02h59m18s

$\Delta T = 84$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 16:24:39 UT

U1 = 17:23:22 UT

U4 = 20:22:40 UT

P4 = 21:21:23 UT

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

