

Partial Lunar Eclipse of 2095 Jun 17

Ecliptic Conjunction = 22:08:37.5 TD (= 22:05:25.7 UT)

Greatest Eclipse = 22:00:10.8 TD (= 21:56:58.9 UT)

Penumbral Magnitude = 1.4617

P. Radius = 1.2224°

Gamma = -0.7653

Umbral Magnitude = 0.4459

U. Radius = 0.6976°

Axis = 0.7255°

Saros Series = 141

Member = 28 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 05h47m03.2s

Dec. = +23°23'37.9"

S.D. = 00°15'44.7"

H.P. = 00°00'08.7"

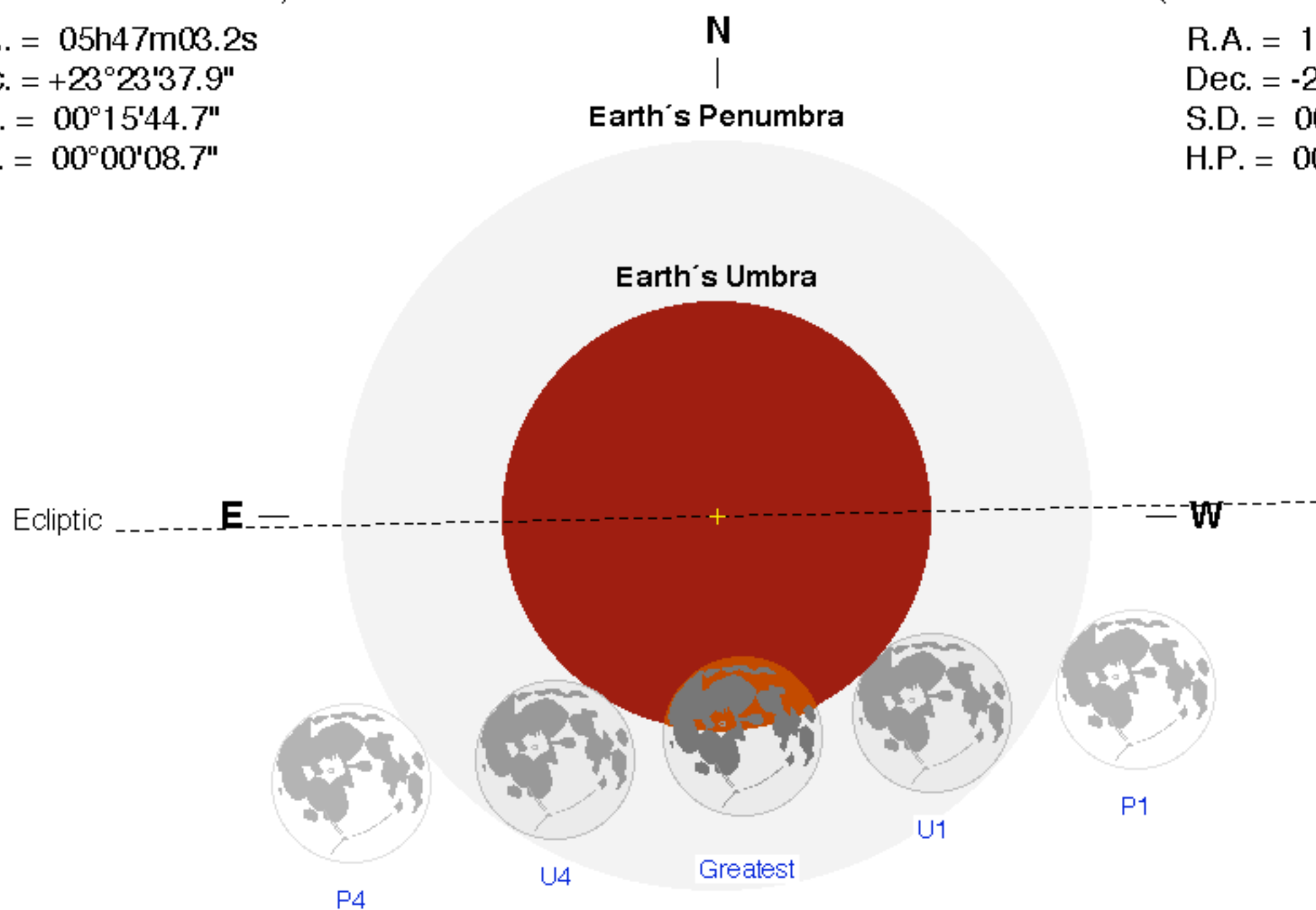
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 17h46m40.2s

Dec. = -24°06'50.8"

S.D. = 00°15'30.0"

H.P. = 00°56'53.2"



Eclipse Durations

Penumbral = 05h04m41s

Umbral = 02h26m56s

Eclipse Contacts

P1 = 19:24:39 UT

U1 = 20:43:36 UT

U4 = 23:10:31 UT

P4 = 00:29:20 UT

$\Delta T = 192$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

