

Total Lunar Eclipse of 2058 Jun 06

Ecliptic Conjunction = 19:17:01.7 TD (= 19:15:11.5 UT)

Greatest Eclipse = 19:15:48.0 TD (= 19:13:57.8 UT)

Penumbral Magnitude = 2.6210

P. Radius = 1.2797°

Gamma = -0.1181

Umbral Magnitude = 1.6611

U. Radius = 0.7542°

Axis = 0.1186°

Saros Series = 131

Member = 36 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 05h00m41.7s

Dec. = +22°43'57.0"

S.D. = 00°15'45.8"

H.P. = 00°00'08.7"

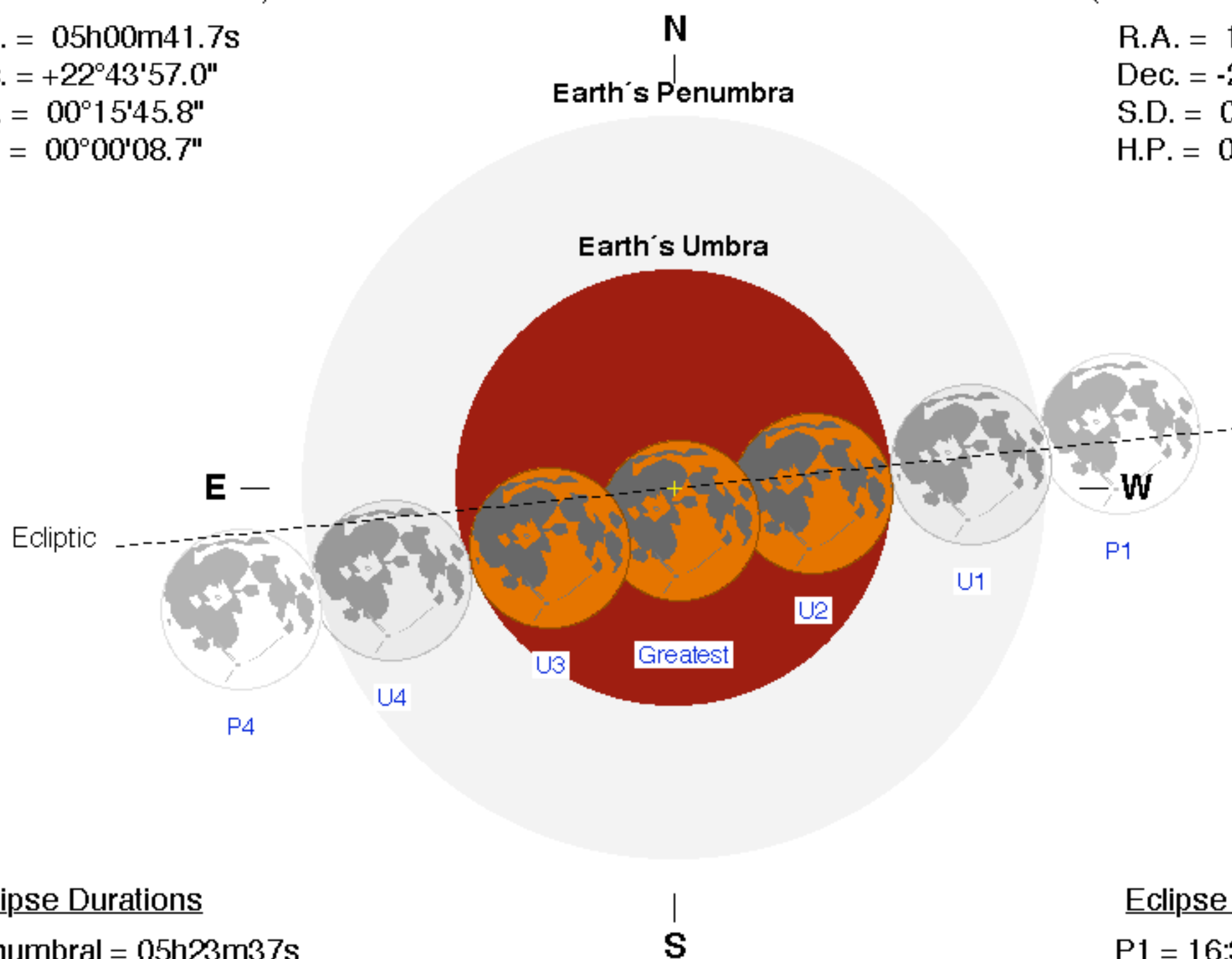
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 17h00m35.5s

Dec. = -22°50'55.5"

S.D. = 00°16'25.3"

H.P. = 01°00'16.2"



Eclipse Durations

Penumbral = 05h23m37s

Umbral = 03h33m22s

Total = 01h37m19s

$\Delta T = 110$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 16:32:07 UT

U1 = 17:27:17 UT

U2 = 18:25:19 UT

U3 = 20:02:38 UT

U4 = 21:00:40 UT

P4 = 21:55:44 UT

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

