

Partial Lunar Eclipse of -0746 Feb 06

Ecliptic Conjunction = 07:06:01.0 TD (= 01:16:47.0 UT)

Greatest Eclipse = 07:11:51.9 TD (= 01:22:37.9 UT)

Penumbral Magnitude = 2.0132

P. Radius = 1.1789°

Gamma = 0.4860

Umbral Magnitude = 0.9199

U. Radius = 0.6430°

Axis = 0.4372°

Saros Series = 31

Member = 58 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 20h50m27.4s

Dec. = -17°58'21.9"

S.D. = 00°16'04.6"

H.P. = 00°00'08.8"

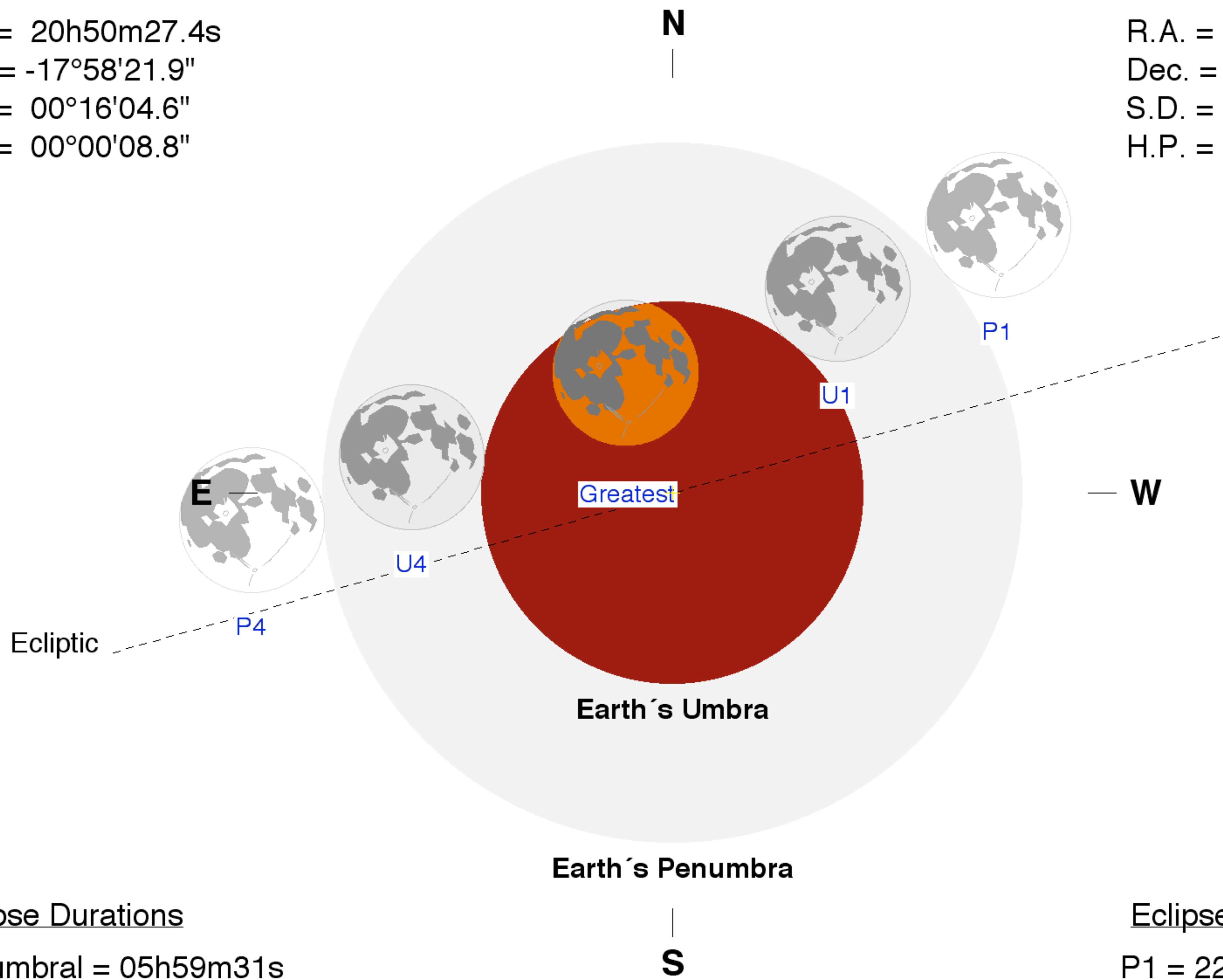
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 08h51m08.1s

Dec. = +18°22'44.8"

S.D. = 00°14'42.4"

H.P. = 00°53'58.2"



Eclipse Durations

Penumbral = 05h59m31s

Umbral = 03h25m06s

Eclipse Contacts

P1 = 22:22:51 UT

U1 = 23:40:05 UT

U4 = 03:05:11 UT

P4 = 04:22:23 UT

$\Delta T = 20954$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

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

