

Total Lunar Eclipse of 1917 Jan 08

Ecliptic Conjunction = 07:41:53.6 TD (= 07:41:34.3 UT)

Greatest Eclipse = 07:44:48.4 TD (= 07:44:29.2 UT)

Penumbral Magnitude = 2.4663

P. Radius = 1.1853°

Gamma = 0.2415

Umbral Magnitude = 1.3642

U. Radius = 0.6431°

Axis = 0.2180°

Saros Series = 123

Member = 47 of 73

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 19h15m48.8s

Dec. = -22°18'25.3"

S.D. = 00°16'15.9"

H.P. = 00°00'08.9"

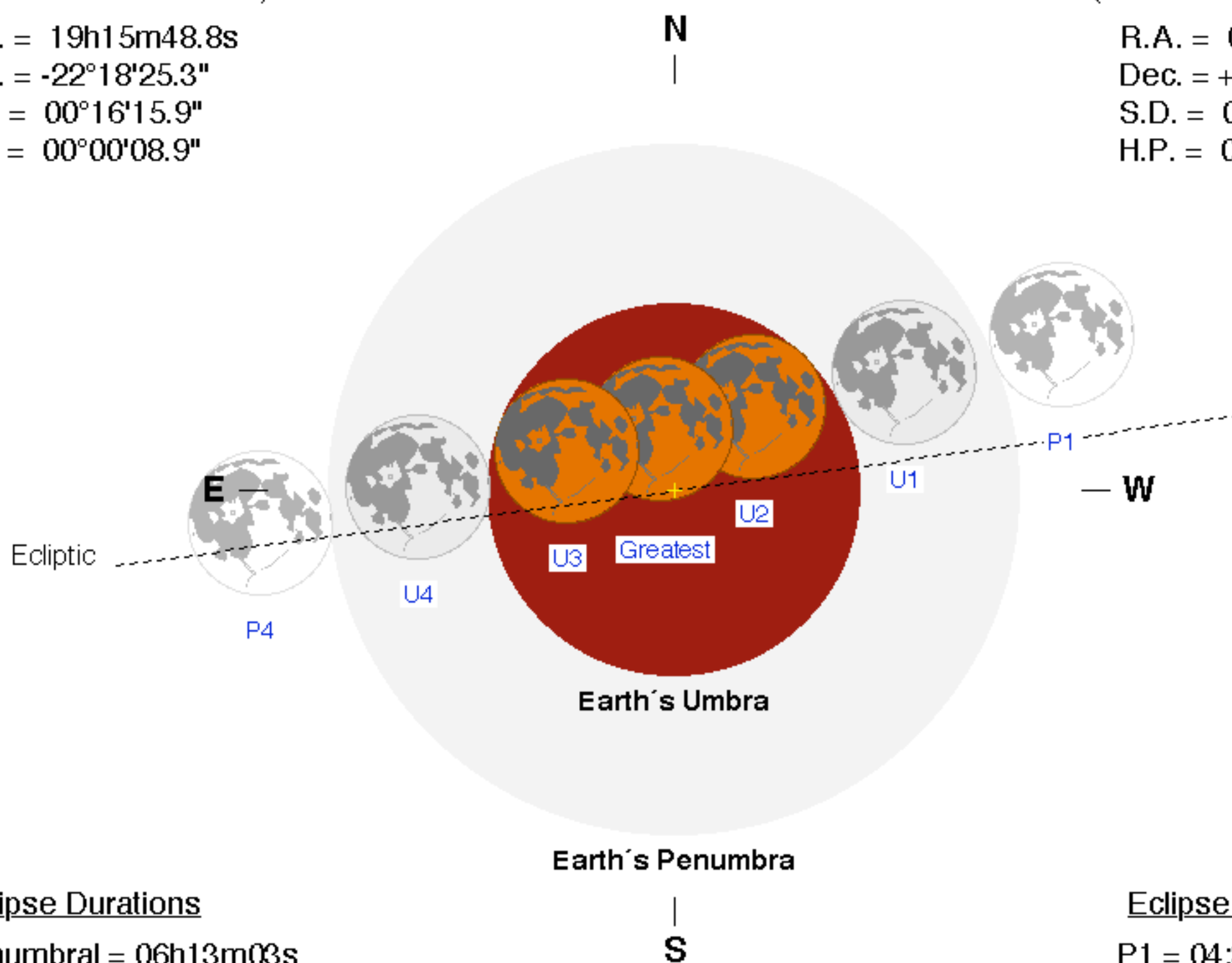
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 07h16m01.7s

Dec. = +22°31'09.3"

S.D. = 00°14'45.5"

H.P. = 00°54'09.7"



Eclipse Durations

Penumbral = 06h13m03s

Umbral = 03h47m20s

Total = 01h27m34s

$\Delta T = 19$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

Eclipse Contacts

P1 = 04:37:59 UT

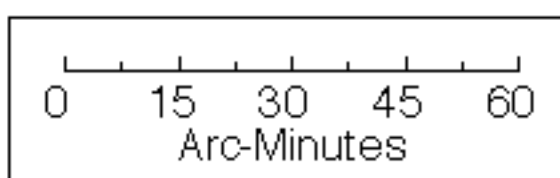
U1 = 05:50:48 UT

U2 = 07:00:42 UT

U3 = 08:28:16 UT

U4 = 09:38:09 UT

P4 = 10:51:02 UT



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

