

Partial Lunar Eclipse of 2094 Jan 01

Ecliptic Conjunction = 16:54:05.2 TD (= 16:50:56.7 UT)

Greatest Eclipse = 17:00:06.0 TD (= 16:56:57.5 UT)

Penumbral Magnitude = 1.9858

P. Radius = 1.1881°

Gamma = -0.5024

Umbral Magnitude = 0.8871

U. Radius = 0.6460°

Axis = 0.4549°

Saros Series = 126

Member = 50 of 72

Sun at Greatest Eclipse (Geocentric Coordinates)

R.A. = 18h51m13.8s

Dec. = -22°54'14.8"

S.D. = 00°16'15.9"

H.P. = 00°00'08.9"

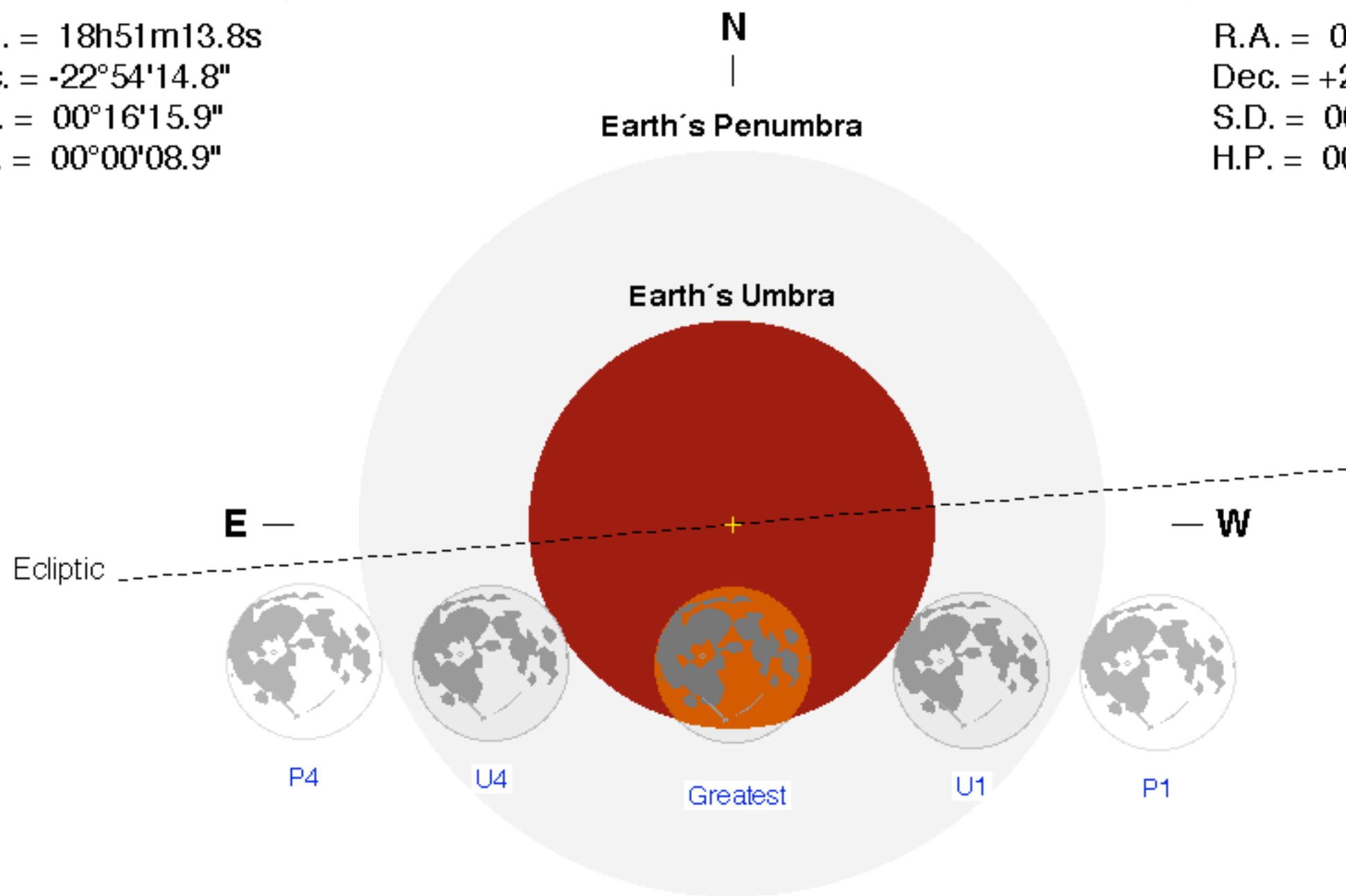
Moon at Greatest Eclipse (Geocentric Coordinates)

R.A. = 06h51m15.2s

Dec. = +22°26'57.2"

S.D. = 00°14'48.2"

H.P. = 00°54'19.9"



Eclipse Durations

Penumbral = 05h56m27s

Umbral = 03h21m13s

Eclipse Contacts

P1 = 13:58:45 UT

U1 = 15:16:20 UT

U4 = 18:37:33 UT

P4 = 19:55:12 UT

$\Delta T = 188$ s

Rule = CdT (Danjon)

Eph. = VSOP87/ELP2000-85

F. Espenak, NASA's GSFC

eclipse.gsfc.nasa.gov/eclipse.html

